

**EUROPEAN CLIMATE, INFRASTRUCTURE AND ENVIRONMENT EXECUTIVE AGENCY (CINEA)**

CINEA.B – Sustainable networks and investments

B.3 – CEF Transport: South West Europe, BeNeLux + Innovation, ITS and RIS**GRANT AGREEMENT****Project 101079271 — 21-EU-TG-SEINE-ESCAUT 2.1****PREAMBLE**

This **Agreement** ('the Agreement') is **between** the following parties:

on the one part,

the **European Climate, Infrastructure and Environment Executive Agency (CINEA)** ('EU executive agency' or 'granting authority'), under the powers delegated by the European Commission ('European Commission'),

and

on the other part,

1. 'the coordinator':

MINISTERE DE LA TRANSITION ECOLOGIQUE (MTE), PIC 996384874, established in Grande Arche - Tour Sequoia, Paris - La Défense 92055, France,

and the following other beneficiaries, if they sign their 'accession form' (see Annex 3 and Article 40):

2. **VOIES NAVIGABLES DE FRANCE (VNF)**, PIC 950775377, established in RUE LUDOVIC BOUTLEUX 175, BETHUNE 62408, France,

3. **SERVICE PUBLIC DE WALLONIE (SPW MI)**, PIC 999811884, established in Place Josephine Charlotte 2, Jambes 5100, Belgium,

4. **DE VLAAMSE WATERWEG (DVW)**, PIC 911860529, established in HAVENSTRAAT 44, HASSELT 3500, Belgium,

Unless otherwise specified, references to 'beneficiary' or 'beneficiaries' include the coordinator and affiliated entities (if any).

If only one beneficiary signs the grant agreement ('mono-beneficiary grant'), all provisions referring to the 'coordinator' or the 'beneficiaries' will be considered — mutatis mutandis — as referring to the beneficiary.

The parties referred to above have agreed to enter into the Agreement.

By signing the Agreement and the accession forms, the beneficiaries accept the grant and agree to

implement the action under their own responsibility and in accordance with the Agreement, with all the obligations and terms and conditions it sets out.

The Agreement is composed of:

Preamble

Terms and Conditions (including Data Sheet)

Annex 1 Description of the action¹

Annex 2 Estimated budget for the action

Annex 2a Additional information on unit costs and contributions (if applicable)

Annex 3 Accession forms (if applicable)²

Annex 3a Declaration on joint and several liability of affiliated entities (if applicable)³

Annex 4 Model for the financial statements

Annex 5 Specific rules (if applicable)

¹ Template published on [Portal Reference Documents](#).

² Template published on [Portal Reference Documents](#).

³ Template published on [Portal Reference Documents](#).

TERMS AND CONDITIONS

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DATA SHEET

1. General data

Project summary:

Project summary
<p>The Seine-Escaut global project is one of the major transport infrastructure projects in the European Union. It aims to bring together a network of 1,100 km of large-gauge inland waterways between the Seine basin and the Scheldt (Escaut) and Maas basins in Belgium, in a bid to upgrade access for modern river convoys from 2,000 tons to more than 4,000 tons and to drive forward the modal shift in freight transport from the road towards the waterways. The project, SEINE-ESCAUT 2.1, pursues activities undertaken since 2005 by the partners, in particular within the CEF project SEINE-ESCAUT 2020 (CEF Action 2014-EU-TM-0373-M) and as described in the Commission Implementing Decision (EU) 2019/1118. Subsequent to the future opening of the Canal Seine-Nord Europe and the significant upgrades of the inland waterway network across the border in France and Belgium, the number and size of the vessels on the Seine-Escaut large-gauge network are expected to grow considerably. Today however, existing infrastructure and equipment limit the capacity of the network and present a real risk to the continuity of navigation. As a matter of fact, every tonne of freight transferred from road to water enables greenhouse gas emissions to be reduced by 4 to 5 times, as well as energy consumption per tonne transported to be reduced by 4 times. Inland waterways are thus a major lever in the fight against climate change and for energy sobriety. Therefore, on the 1,100 km of the large-gauge network, the inland waterways and their infrastructure need to be either modernised to ensure the reliability and the safety of the navigation or upgraded to accommodate larger vessels. Moreover, to improve the reliability, fluidity, service offer and safety of navigation, systems of remote control will be deployed on key infrastructures. Seine-Escaut tackles some major European, as well as regional and local, challenges: it encourages low-carbon transport to suit future economic and commercial needs and boosts territorial continuity for an area with more than 40 million inhabitants. The project will be coordinated by the French Ministry for the Ecological Transition (MTE) and implemented by the waterway managing authorities Voies Navigables de France (VNF), De Vlaamse Waterweg nv (DVW) and the Service Public de Wallonie (SPW). In order to ensure a smooth coordination of the project, the Société du Canal Seine-Nord Europe is an associated partner. The overarching coordination of the project is overseen by the Inter-Governmental Commission (IGC) with the operational support of the Seine-Escaut European Economic Interest Grouping (EEIG). SEINE-ESCAUT 2.1 is broken down into 9 work packages and links two countries: France and Belgium (the Walloon Region and the Flemish Region). - Work Package 01 includes horizontal activities carried out together by the beneficiaries. - Work Package 02 includes studies in France (Nord Pas De Calais network) to plan the upgrade of the Dunkerque-Scheldt axis, including the canal from Dunkerque to Valenciennes, the Escaut, and the Deûle towards the Belgian border, with the aim of gradually calibrating the canal to ECMT class Va (bidirectional) and class Vb (unidirectional), and improving the navigation conditions. - Work Package 03 includes works in France (Nord Pas De Calais network) to make the navigation safer and more efficient on the Dunkerque-Scheldt axis through the calibration of the riverbanks, the deployment of remote control and the lengthening of the Quesnoy-Sur-Deûle lock from 110m to 144m (Class Va+) as well as to improve cross-border sections by upgrading section 1 of the Lys and finalising works on the Condé-Pommeroeul Canal. - Work Package 04 includes studies in France (Seine Basin) to improve services to users on the Oise river through the building of new parking for dangerous convoys, to obtain the environmental authorisation to launch works on the Bray-Nogent section, to deploy remote control on the Upper Seine and the Lower Seine, to improve the reliability of infrastructure on the Upper Seine by refurbishing 3 locks and 2 dams and to refurbish up to 10 locks and 4 dams on the Lower Seine. - Work Package 05 includes works in France (Seine Basin) to improve service to users through the building of infrastructure to users and the deployment of signalling system on the Oise river, the Upper Seine and the Lower Seine, to deploy remote control on the Oise river, the Upper Seine and Lower Seine, to upgrade under-bridge clearance on the Lower Seine and to refurbish or modernise locks, dams and waterways on the Upper Seine and the Lower Seine, and to improve the biodiversity on the Seine axis by creating a fishway on the Evry dam. - Work Package 06 includes studies in Wallonia (Belgium) to support all tasks of the project and support the global project with communication and coordination operations, to prepare works to upgrade the Walloon Backbone, to increase the capacity and upgrade infrastructure on the Upper-Scheldt, to refurbish infrastructure on the Lys and to improve the reliability of infrastructure on the Seneffe-Antwerp section. - Work Package 07 includes works in Wallonia (Belgium) to upgrade infrastructure to ECMT Class Va on the Nimy-Blaton-Péronnes canal, to improve crossing possibilities on the Sambre, to launch the deployment of remote control on the Lower Sambre and the Seneffe-Antwerp section and to secure infrastructure on the Seneffe-Antwerp section. - Work Package 08 includes studies in Flanders (Belgium) to upgrade the Lys to ECMT Class Vb (unidirectional) and Va (bidirectional), to upgrade locks on the Upper-Scheldt, to improve connections to the maritime port of Zeebrugge, to calibrate the canal Roeselare-Lys, to remove bottlenecks on the canal Bossuit-Kortrijk and to refurbish infrastructure on the Seneffe-Antwerp section to ensure navigation of ECMT Class IV vessels. - Work Package 09 includes works in Flanders (Belgium) to further upgrade the Lys to ECMT Class Vb (unidirectional) and Va (bidirectional), to launch the upgrade of the canal Roeselare-Lys (to ECMT class Va) and to build bridges on the Seneffe-Antwerp section, ensuring navigation of ECMT Class IV vessels. The work packages will contribute to upgrading, modernising and refurbishing as needed the waterways of the Seine-Escaut network in order to make them more accessible and reliable for inland navigation, in particular for large-gauge vessels. They will also prepare subsequent phases required to complete the Seine-Escaut global project. When completed in 2030, Seine-Escaut will be the largest large-gauge river network in Europe.</p>

Keywords: not defined

Project number: 101079271

Project name: SEINE-ESCAUT 2.1: Developing the largest inland waterway network in the heart of the EU

Project acronym: 21-EU-TG-SEINE-ESCAUT 2.1

Call: CEF-T-2021-COREGEN

Topic: CEF-T-2021-COREGEN-IWWP-WORKS

Type of action: CEF Infrastructure Projects

Granting authority: European Climate, Infrastructure and Environment Executive Agency

Grant managed through EU Funding & Tenders Portal: Yes (eGrants)

Project starting date: fixed date: 1 January 2021

Project end date: 31 December 2026

Project duration: 72 months

Consortium agreement: Yes

2. Participants

List of participants:

N°	Role	Short name	Legal name	Ctry	PIC	Total eligible costs (BEN and AE)	Max grant amount
1	COO	MTE	MINISTERE DE LA TRANSITION ECOLOGIQUE	FR	996384874	0.00	0.00
2	BEN	VNF	VOIES NAVIGABLES DE FRANCE	FR	950775377	285 824 576.00	142 912 288.00
3	BEN	SPW MI	SERVICE PUBLIC DE WALLONIE	BE	999811884	141 800 000.00	70 900 000.00
4	BEN	DVW	DE VLAAMSE WATERWEG	BE	911860529	125 556 000.00	62 778 000.00
5	AP	SCSNE	SOCIETE DU CANAL SEINE NORD EUROPE	FR	888502735	0.00	0.00
Total						553 180 576.00	276 590 288.00

Coordinator:

- MINISTERE DE LA TRANSITION ECOLOGIQUE (MTE)

3. Grant

Maximum grant amount, total estimated eligible costs and contributions and funding rate:

Total eligible costs (BEN and AE)	Funding rate (%)	Maximum grant amount (Annex 2)	Maximum grant amount (award decision)
553 180 576.00	50, 50, 0	276 590 288.00	276 590 288.00

Grant form: Budget-based

Grant mode: Action grant

Budget categories/activity types:

- A. Personnel costs
 - A.1 Employees, A.2 Natural persons under direct contract, A.3 Seconded persons
 - A.4 SME owners and natural person beneficiaries
- B. Subcontracting costs
- C. Purchase costs
 - C.1 Travel and subsistence
 - C.2 Equipment
 - C.3 Other goods, works and services
- D. Other cost categories
 - D.1 Financial support to third parties
 - D.2 Studies
 - D.3 Synergetic elements

- D.4 Works in outermost regions
- D.5 Land purchase
- E. Indirect costs

Cost eligibility options:

- Standard supplementary payments
- Average personnel costs (unit cost according to usual cost accounting practices)
- Travel and subsistence:
 - Travel: Actual costs
 - Accommodation: Actual costs
 - Subsistence: Actual costs
- Equipment: full costs only
- Costs for providing financial support to third parties (actual cost; max amount for each recipient: EUR 60 000.00)
- Indirect cost flat-rate: 0% of the eligible direct costs (categories A-D, except volunteers costs and exempted specific cost categories, if any)
- VAT: No
- Country restrictions for eligible costs
- Other ineligible costs

Budget flexibility: Yes (no flexibility cap)**4. Reporting, payments and recoveries****4.1 Continuous reporting** (art 21)**Deliverables:** see Funding & Tenders Portal Continuous Reporting tool**4.2 Periodic reporting and payments****Reporting and payment schedule** (art 21, 22):

Reporting					Payments	
Reporting periods			Type	Deadline	Type	Deadline (time to pay)
RP No	Month from	Month to				
					Initial prefinancing	30 days from entry into force/ financial guarantee (if required) – whichever is the latest
					Interim payment	90 days from receiving periodic report
					Interim payment	90 days from receiving periodic report
					Final payment	90 days from

Reporting					Payments	
Reporting periods			Type	Deadline	Type	Deadline (time to pay)
RP No	Month from	Month to				
						receiving periodic report

Prefinancing payments and guarantees:

Prefinancing payment		Prefinancing guarantee		
Type	Amount	Guarantee amount	Division per participant	
Prefinancing 1 (initial)	69 147 572.00	n/a	1 - MTE	n/a
			2 - VNF	n/a
			3 - SPW MI	n/a
			4 - DVW	n/a

Reporting and payment modalities (art 21, 22):

Mutual Insurance Mechanism (MIM): No

Restrictions on distribution of initial prefinancing: The prefinancing may be distributed only if the minimum number of beneficiaries set out in the call conditions (if any) have acceded to the Agreement and only to beneficiaries that have acceded.

Interim payment ceiling (if any): 90% of the maximum grant amount

No-profit rule: Yes

Late payment interest: ECB + 3.5%

Bank account for payments:

FR7610071620000000101058477

Conversion into euros: Double conversion

Reporting language: Language of the Agreement

4.3 Certificates (art 24):

Certificates on the financial statements (CFS):

Conditions:

Schedule: interim/final payment, if threshold is reached

Standard threshold (beneficiary-level):

- financial statement: requested EU contribution to costs \geq EUR 325 000.00

4.4 Recoveries (art 22)**First-line liability for recoveries:**

Beneficiary termination: Beneficiary concerned

Final payment: Coordinator

After final payment: Beneficiary concerned

Joint and several liability for enforced recoveries (in case of non-payment):

Limited joint and several liability of other beneficiaries — up to the maximum grant amount of the beneficiary

Joint and several liability of affiliated entities — n/a

5. Consequences of non-compliance, applicable law & dispute settlement forum

Suspension and termination:

Additional suspension grounds (art 31)

Additional termination grounds (art 32)

Applicable law (art 43):

Standard applicable law regime: EU law + law of Belgium

Dispute settlement forum (art 43):

Standard dispute settlement forum:

EU beneficiaries: EU General Court + EU Court of Justice (on appeal)

Non-EU beneficiaries: Courts of Brussels, Belgium (unless an international agreement provides for the enforceability of EU court judgements)

6. Other

Specific rules (Annex 5): Yes

Standard time-limits after project end:

Confidentiality (for X years after final payment): 5

Record-keeping (for X years after final payment): 5 (or 3 for grants of not more than EUR 60 000)

Reviews (up to X years after final payment): 5 (or 3 for grants of not more than EUR 60 000)

Audits (up to X years after final payment): 5 (or 3 for grants of not more than EUR 60 000)

Extension of findings from other grants to this grant (no later than X years after final payment): 5 (or 3 for grants of not more than EUR 60 000)

Impact evaluation (up to X years after final payment): 5 (or 3 for grants of not more than EUR 60 000)

CHAPTER 1 GENERAL

ARTICLE 1 — SUBJECT OF THE AGREEMENT

This Agreement sets out the rights and obligations and terms and conditions applicable to the grant awarded for the implementation of the action set out in Chapter 2.

ARTICLE 2 — DEFINITIONS

For the purpose of this Agreement, the following definitions apply:

Actions — The project which is being funded in the context of this Agreement.

Grant — The grant awarded in the context of this Agreement.

EU grants — Grants awarded by EU institutions, bodies, offices or agencies (including EU executive agencies, EU regulatory agencies, EDA, joint undertakings, etc.).

Participants — Entities participating in the action as beneficiaries, affiliated entities, associated partners, third parties giving in-kind contributions, subcontractors or recipients of financial support to third parties.

Beneficiaries (BEN) — The signatories of this Agreement (either directly or through an accession form).

Affiliated entities (AE) — Entities affiliated to a beneficiary within the meaning of Article 187 of EU Financial Regulation 2018/1046⁴ which participate in the action with similar rights and obligations as the beneficiaries (obligation to implement action tasks and right to charge costs and claim contributions).

Associated partners (AP) — Entities which participate in the action, but without the right to charge costs or claim contributions.

Purchases — Contracts for goods, works or services needed to carry out the action (e.g. equipment, consumables and supplies) but which are not part of the action tasks (see Annex 1).

Subcontracting — Contracts for goods, works or services that are part of the action tasks (see Annex 1).

In-kind contributions — In-kind contributions within the meaning of Article 2(36) of EU Financial

⁴ For the definition, see Article 187 Regulation (EU, Euratom) 2018/1046 of the European Parliament and of the Council of 18 July 2018 on the financial rules applicable to the general budget of the Union, amending Regulations (EU) No 1296/2013, (EU) No 1301/2013, (EU) No 1303/2013, (EU) No 1304/2013, (EU) No 1309/2013, (EU) No 1316/2013, (EU) No 223/2014, (EU) No 283/2014, and Decision No 541/2014/EU and repealing Regulation (EU, Euratom) No 966/2012 ('EU Financial Regulation') (OJ L 193, 30.7.2018, p. 1): "**affiliated entities** [are]:

- (a) entities that form a sole beneficiary [(i.e. where an entity is formed of several entities that satisfy the criteria for being awarded a grant, including where the entity is specifically established for the purpose of implementing an action to be financed by a grant)];
- (b) entities that satisfy the eligibility criteria and that do not fall within one of the situations referred to in Article 136(1) and 141(1) and that have a link with the beneficiary, in particular a legal or capital link, which is neither limited to the action nor established for the sole purpose of its implementation".

Regulation 2018/1046, i.e. non-financial resources made available free of charge by third parties.

Fraud — Fraud within the meaning of Article 3 of EU Directive 2017/1371⁵ and Article 1 of the Convention on the protection of the European Communities' financial interests, drawn up by the Council Act of 26 July 1995⁶, as well as any other wrongful or criminal deception intended to result in financial or personal gain.

Irregularities — Any type of breach (regulatory or contractual) which could impact the EU financial interests, including irregularities within the meaning of Article 1(2) of EU Regulation 2988/95⁷.

Grave professional misconduct — Any type of unacceptable or improper behaviour in exercising one's profession, especially by employees, including grave professional misconduct within the meaning of Article 136(1)(c) of EU Financial Regulation 2018/1046.

Applicable EU, international and national law — Any legal acts or other (binding or non-binding) rules and guidance in the area concerned.

Portal — EU Funding & Tenders Portal; electronic portal and exchange system managed by the European Commission and used by itself and other EU institutions, bodies, offices or agencies for the management of their funding programmes (grants, procurements, prizes, etc.).

CHAPTER 2 ACTION

ARTICLE 3 — ACTION

The grant is awarded for the action **101079271 — 21-EU-TG-SEINE-ESCAUT 2.1** ('action'), as described in Annex 1.

ARTICLE 4 — DURATION AND STARTING DATE

The duration and the starting date of the action are set out in the Data Sheet (see Point 1).

CHAPTER 3 GRANT

ARTICLE 5 — GRANT

5.1 Form of grant

⁵ Directive (EU) 2017/1371 of the European Parliament and of the Council of 5 July 2017 on the fight against fraud to the Union's financial interests by means of criminal law (OJ L 198, 28.7.2017, p. 29).

⁶ OJ C 316, 27.11.1995, p. 48.

⁷ Council Regulation (EC, Euratom) No 2988/95 of 18 December 1995 on the protection of the European Communities financial interests (OJ L 312, 23.12.1995, p. 1).

The grant is an action grant⁸ which takes the form of a budget-based mixed actual cost grant (i.e. a grant based on actual costs incurred, but which may also include other forms of funding, such as unit costs or contributions, flat-rate costs or contributions, lump sum costs or contributions or financing not linked to costs).

5.2 Maximum grant amount

The maximum grant amount is set out in the Data Sheet (see Point 3) and in the estimated budget (Annex 2).

5.3 Funding rate

The funding rate for costs is 50% of the eligible costs for studies (if any), 0% of the eligible costs for works in outermost regions (if any) and 50% of the eligible costs for the other cost categories.

Contributions are not subject to any funding rate.

5.4 Estimated budget, budget categories and forms of funding

The estimated budget for the action is set out in Annex 2.

It contains the estimated eligible costs and contributions for the action, broken down by participant and budget category.

Annex 2 also shows the types of costs and contributions (forms of funding)⁹ to be used for each budget category.

If unit costs or contributions are used, the details on the calculation will be explained in Annex 2a.

5.5 Budget flexibility

The budget breakdown may be adjusted — without an amendment (see Article 39) — by transfers (between participants and budget categories), as long as this does not imply any substantive or important change to the description of the action in Annex 1.

However:

- changes to the budget category for volunteers (if used) always require an amendment
- changes to budget categories with lump sums costs or contributions (if used; including financing not linked to costs) always require an amendment
- changes to budget categories with higher funding rates or budget ceilings (if used) always require an amendment
- addition of amounts for subcontracts not provided for in Annex 1 either require an amendment or simplified approval in accordance with Article 6.2

⁸ For the definition, see Article 180(2)(a) EU Financial Regulation 2018/1046: ‘**action grant**’ means an EU grant to finance “an action intended to help achieve a Union policy objective”.

⁹ See Article 125 EU Financial Regulation 2018/1046.

- other changes require an amendment or simplified approval, if specifically provided for in Article 6.2
- flexibility caps: not applicable.

ARTICLE 6 — ELIGIBLE AND INELIGIBLE COSTS AND CONTRIBUTIONS

In order to be eligible, costs and contributions must meet the **eligibility** conditions set out in this Article.

6.1 General eligibility conditions

The **general eligibility conditions** are the following:

(a) for actual costs:

- (i) they must be actually incurred by the beneficiary
- (ii) they must be incurred in the period set out in Article 4 (with the exception of costs relating to the submission of the final periodic report, which may be incurred afterwards; see Article 21)
- (iii) they must be declared under one of the budget categories set out in Article 6.2 and Annex 2
- (iv) they must be incurred in connection with the action as described in Annex 1 and necessary for its implementation
- (v) they must be identifiable and verifiable, in particular recorded in the beneficiary's accounts in accordance with the accounting standards applicable in the country where the beneficiary is established and with the beneficiary's usual cost accounting practices
- (vi) they must comply with the applicable national law on taxes, labour and social security and
- (vii) they must be reasonable, justified and must comply with the principle of sound financial management, in particular regarding economy and efficiency

(b) for unit costs or contributions (if any):

- (i) they must be declared under one of the budget categories set out in Article 6.2 and Annex 2
- (ii) the units must:
 - be actually used or produced by the beneficiary in the period set out in Article 4 (with the exception of units relating to the submission of the final periodic report, which may be used or produced afterwards; see Article 21)
 - be necessary for the implementation of the action and
- (iii) the number of units must be identifiable and verifiable, in particular supported by records and documentation (see Article 20)

(c) for flat-rate costs or contributions (if any):

- (i) they must be declared under one of the budget categories set out in Article 6.2 and Annex 2
- (ii) the costs or contributions to which the flat-rate is applied must:
 - be eligible
 - relate to the period set out in Article 4 (with the exception of costs or contributions relating to the submission of the final periodic report, which may be incurred afterwards; see Article 21)

(d) for lump sum costs or contributions (if any):

- (i) they must be declared under one of the budget categories set out in Article 6.2 and Annex 2
- (ii) the work must be properly implemented by the beneficiary in accordance with Annex 1
- (iii) the deliverables/outputs must be achieved in the period set out in Article 4 (with the exception of deliverables/outputs relating to the submission of the final periodic report, which may be achieved afterwards; see Article 21)

(e) for unit, flat-rate or lump sum costs or contributions according to usual cost accounting practices (if any):

- (i) they must fulfil the general eligibility conditions for the type of cost concerned
- (ii) the cost accounting practices must be applied in a consistent manner, based on objective criteria, regardless of the source of funding

(f) for financing not linked to costs (if any): the results must be achieved or the conditions must be fulfilled as described in Annex 1.

In addition, for direct cost categories (e.g. personnel, travel & subsistence, subcontracting and other direct costs) only costs that are directly linked to the action implementation and can therefore be attributed to it directly are eligible. They must not include any indirect costs (i.e. costs that are only indirectly linked to the action, e.g. via cost drivers).

6.2 Specific eligibility conditions for each budget category

For each budget category, the **specific eligibility conditions** are as follows:

Direct costs

A. Personnel costs

A.1 Costs for employees (or equivalent) are eligible as personnel costs if they fulfil the general eligibility conditions and are related to personnel working for the beneficiary under an employment contract (or equivalent appointing act) and assigned to the action.

They must be limited to salaries, social security contributions, taxes and other costs linked to the

remuneration, if they arise from national law or the employment contract (or equivalent appointing act) and be calculated on the basis of the costs actually incurred, in accordance with the following method:

{daily rate for the person
multiplied by
number of day-equivalents worked on the action (rounded up or down to the nearest half-day)}.

The daily rate must be calculated as:

{annual personnel costs for the person
divided by
215}.

The number of day-equivalents declared for a person must be identifiable and verifiable (see Article 20).

The total number of day-equivalents declared in EU grants, for a person for a year, cannot be higher than 215.

The personnel costs may also include supplementary payments for personnel assigned to the action (including payments on the basis of supplementary contracts regardless of their nature), if:

- it is part of the beneficiary's usual remuneration practices and is paid in a consistent manner whenever the same kind of work or expertise is required
- the criteria used to calculate the supplementary payments are objective and generally applied by the beneficiary, regardless of the source of funding used.

If the beneficiary uses average personnel costs (unit cost according to usual cost accounting practices), the personnel costs must fulfil the general eligibility conditions for such unit costs and the daily rate must be calculated:

- using the actual personnel costs recorded in the beneficiary's accounts and excluding any costs which are ineligible or already included in other budget categories; the actual personnel costs may be adjusted on the basis of budgeted or estimated elements, if they are relevant for calculating the personnel costs, reasonable and correspond to objective and verifiable information

and

- according to usual cost accounting practices which are applied in a consistent manner, based on objective criteria, regardless of the source of funding.

A.2 and A.3 Costs for natural persons working under a direct contract other than an employment contract and costs for **seconded persons by a third party against payment** are also eligible as personnel costs, if they are assigned to the action, fulfil the general eligibility conditions and:

- (a) work under conditions similar to those of an employee (in particular regarding the way the work is organised, the tasks that are performed and the premises where they are performed) and

(b) the result of the work belongs to the beneficiary (unless agreed otherwise).

They must be calculated on the basis of a rate which corresponds to the costs actually incurred for the direct contract or secondment and must not be significantly different from those for personnel performing similar tasks under an employment contract with the beneficiary.

A.4 The work of **SME owners** for the action (i.e. owners of beneficiaries that are small and medium-sized enterprises¹⁰ not receiving a salary) or **natural person beneficiaries** (i.e. beneficiaries that are natural persons not receiving a salary) may be declared as personnel costs, if they fulfil the general eligibility conditions and are calculated as unit costs in accordance with the method set out in Annex 2a.

B. Subcontracting costs

Subcontracting costs for the action (including related duties, taxes and charges) are eligible, if they are calculated on the basis of the costs actually incurred, fulfil the general eligibility conditions and are awarded using the beneficiary's usual purchasing practices — provided these ensure subcontracts with best value for money (or if appropriate the lowest price) and that there is no conflict of interests (see Article 12).

Beneficiaries that are 'contracting authorities/entities' within the meaning of the EU Directives on public procurement must also comply with the applicable national law on public procurement.

The beneficiaries must ensure that the subcontracted work is performed in the eligible countries or target countries set out in the call conditions — unless otherwise approved by the granting authority.

The tasks to be subcontracted and the estimated cost for each subcontract must be set out in Annex 1 and the total estimated costs of subcontracting per beneficiary must be set out in Annex 2 (or may be approved ex post in the periodic report, if the use of subcontracting does not entail changes to the Agreement which would call into question the decision awarding the grant or breach the principle of equal treatment of applicants; 'simplified approval procedure').

C. Purchase costs

Purchase costs for the action (including related duties, taxes and charges) are eligible if they fulfil the general eligibility conditions and are bought using the beneficiary's usual purchasing practices — provided these ensure purchases with best value for money (or if appropriate the lowest price) and that there is no conflict of interests (see Article 12).

Beneficiaries that are 'contracting authorities/entities' within the meaning of the EU Directives on public procurement must also comply with the applicable national law on public procurement.

¹⁰ For the definition, see Commission Recommendation 2003/361/EC: micro, small or medium-sized enterprise (SME) are enterprises

- engaged in an economic activity, irrespective of their legal form (including, in particular, self-employed persons and family businesses engaged in craft or other activities, and partnerships or associations regularly engaged in an economic activity) and
- employing fewer than 250 persons (expressed in 'annual working units' as defined in Article 5 of the Recommendation) and which have an annual turnover not exceeding EUR 50 million, and/or an annual balance sheet total not exceeding EUR 43 million.

C.1 Travel and subsistence

Purchases for **travel, accommodation and subsistence** must be calculated as follows:

- travel: on the basis of the costs actually incurred and in line with the beneficiary's usual practices on travel
- accommodation: on the basis of the costs actually incurred and in line with the beneficiary's usual practices on travel
- subsistence: on the basis of the costs actually incurred and in line with the beneficiary's usual practices on travel .

C.2 Equipment

Purchases of **equipment, infrastructure or other assets** specifically for the action (or developed as part of the action tasks) may be declared as full capitalised costs if they fulfil the cost eligibility conditions applicable to their respective cost categories.

'Capitalised costs' means:

- costs incurred in the purchase or for the development of the equipment, infrastructure or other assets and
- which are recorded under a fixed asset account of the beneficiary in compliance with international accounting standards and the beneficiary's usual cost accounting practices.

If such equipment, infrastructure or other assets are rented or leased, full costs for **renting or leasing** are eligible, if they do not exceed the depreciation costs of similar equipment, infrastructure or assets and do not include any financing fees.

C.3 Other goods, works and services

Purchases of **other goods, works and services** must be calculated on the basis of the costs actually incurred.

Such goods, works and services include, for instance, consumables and supplies, promotion, dissemination, protection of results, translations, publications, certificates and financial guarantees, if required under the Agreement.

D. Other cost categories

D.1 Financial support to third parties

Costs for providing financial support to third parties (in the form of **grants, prizes** or similar forms of support; if any) are eligible, if and as declared eligible in the call conditions, if they fulfil the general eligibility conditions, are calculated on the basis of the costs actually incurred and the support is implemented in accordance with the conditions set out in Annex 1.

These conditions must ensure objective and transparent selection procedures and include at least the following:

- (a) for grants (or similar):

- (i) the maximum amount of financial support for each third party ('recipient'); this amount may not exceed the amount set out in the Data Sheet (see Point 3) or otherwise agreed with the granting authority
- (ii) the criteria for calculating the exact amount of the financial support
- (iii) the different types of activity that qualify for financial support, on the basis of a closed list
- (iv) the persons or categories of persons that will be supported and
- (v) the criteria and procedures for giving financial support
- (b) for prizes (or similar):
 - (i) the eligibility and award criteria
 - (ii) the amount of the prize and
 - (iii) the payment arrangements.

D.2 Studies

Costs for studies are eligible, if and as declared eligible in the call conditions, if they fulfil the general eligibility conditions, are calculated on the basis of the costs actually incurred and comply with the conditions set out in Points A-C for the underlying types of costs (personnel, subcontracting, purchase).

D.3 Synergetic elements

Costs for synergetic elements related to another sector of the CEF Programme (transport, energy or digital) are eligible, if and as declared eligible in the call conditions, if they fulfil the general eligibility conditions, are calculated on the basis of the costs actually incurred and allow to significantly improve the socio-economic, climate or environmental benefits of the action.

Such costs are eligible only up to 20% of the beneficiaries' total eligible costs.

D.4 Works in outermost regions

Costs for works in outermost regions are eligible, if and as declared eligible in the call conditions, if they fulfil the general eligibility conditions, are calculated on the basis of the costs actually incurred, comply with the conditions set out in Points A-C for the underlying types of costs (personnel, subcontracting, purchase) and relate to works that are carried out in an outermost region within the meaning of Article 349 of the Treaty on the Functioning of the EU (TFEU)).

D.5 Land purchase

Costs for land purchase are eligible, if and as declared eligible in the call conditions, if they fulfil the general eligibility conditions and are calculated on the basis of the costs actually incurred.

Such costs are eligible only up to 10% of the beneficiaries' total eligible costs.

Indirect costs

E. Indirect costs

Indirect costs will be reimbursed at the flat-rate of 0% of the eligible direct costs (categories A-D, except volunteers costs and exempted specific cost categories, if any).

Contributions

Not applicable

6.3 Ineligible costs and contributions

The following costs or contributions are **ineligible**:

- (a) costs or contributions that do not comply with the conditions set out above (Article 6.1 and 6.2), in particular:
 - (i) costs related to return on capital and dividends paid by a beneficiary
 - (ii) debt and debt service charges
 - (iii) provisions for future losses or debts
 - (iv) interest owed
 - (v) currency exchange losses
 - (vi) bank costs charged by the beneficiary's bank for transfers from the granting authority
 - (vii) excessive or reckless expenditure
 - (viii) VAT (always ineligible)
 - (ix) costs incurred or contributions for activities implemented during grant agreement suspension (see Article 31)
 - (x) in-kind contributions by third parties
- (b) costs or contributions declared under other EU grants (or grants awarded by an EU Member State, non-EU country or other body implementing the EU budget), except for the following cases:
 - (i) Synergy actions: not applicable
 - (ii) if the action grant is combined with an operating grant¹¹ running during the same period and the beneficiary can demonstrate that the operating grant does not cover any (direct or indirect) costs of the action grant
- (c) costs or contributions for staff of a national (or regional/local) administration, for activities that are part of the administration's normal activities (i.e. not undertaken only because of the grant)

¹¹ For the definition, see Article 180(2)(b) of EU Financial Regulation 2018/1046: '**operating grant**' means an EU grant to finance "the functioning of a body which has an objective forming part of and supporting an EU policy".

- (d) costs or contributions (especially travel and subsistence) for staff or representatives of EU institutions, bodies or agencies
- (e) other :
 - (i) costs or contributions for activities that do not take place in one of the eligible countries or target countries set out in the call conditions — unless approved by the granting authority
 - (ii) costs or contributions declared specifically ineligible in the call conditions.

6.4 Consequences of non-compliance

If a beneficiary declares costs or contributions that are ineligible, they will be rejected (see Article 27).

This may also lead to other measures described in Chapter 5.

CHAPTER 4 GRANT IMPLEMENTATION

SECTION 1 CONSORTIUM: BENEFICIARIES, AFFILIATED ENTITIES AND OTHER PARTICIPANTS

ARTICLE 7 — BENEFICIARIES

The beneficiaries, as signatories of the Agreement, are fully responsible towards the granting authority for implementing it and for complying with all its obligations.

They must implement the Agreement to their best abilities, in good faith and in accordance with all the obligations and terms and conditions it sets out.

They must have the appropriate resources to implement the action and implement the action under their own responsibility and in accordance with Article 11. If they rely on affiliated entities or other participants (see Articles 8 and 9), they retain sole responsibility towards the granting authority and the other beneficiaries.

They are jointly responsible for the *technical* implementation of the action. If one of the beneficiaries fails to implement their part of the action, the other beneficiaries must ensure that this part is implemented by someone else (without being entitled to an increase of the maximum grant amount and subject to an amendment; see Article 39). The *financial* responsibility of each beneficiary in case of recoveries is governed by Article 22.

The beneficiaries (and their action) must remain eligible under the EU programme funding the grant for the entire duration of the action. Costs and contributions will be eligible only as long as the beneficiary and the action are eligible.

The **internal roles and responsibilities** of the beneficiaries are divided as follows:

- (a) Each beneficiary must:
 - (i) keep information stored in the Portal Participant Register up to date (see Article 19)

- (ii) inform the granting authority (and the other beneficiaries) immediately of any events or circumstances likely to affect significantly or delay the implementation of the action (see Article 19)
 - (iii) submit to the coordinator in good time:
 - the prefinancing guarantees (if required; see Article 23)
 - the financial statements and certificates on the financial statements (CFS) (if required; see Articles 21 and 24.2 and Data Sheet, Point 4.3)
 - the contribution to the deliverables and technical reports (see Article 21)
 - any other documents or information required by the granting authority under the Agreement
 - (iv) submit via the Portal data and information related to the participation of their affiliated entities.
- (b) The coordinator must:
- (i) monitor that the action is implemented properly (see Article 11)
 - (ii) act as the intermediary for all communications between the consortium and the granting authority, unless the Agreement or granting authority specifies otherwise, and in particular:
 - submit the prefinancing guarantees to the granting authority (if any)
 - request and review any documents or information required and verify their quality and completeness before passing them on to the granting authority
 - submit the deliverables and reports to the granting authority
 - inform the granting authority about the payments made to the other beneficiaries (report on the distribution of payments; if required, see Articles 22 and 32)
 - (iii) distribute the payments received from the granting authority to the other beneficiaries without unjustified delay (see Article 22).

The coordinator may not delegate or subcontract the above-mentioned tasks to any other beneficiary or third party (including affiliated entities).

However, coordinators which are public bodies may delegate the tasks set out in Point (b)(ii) last indent and (iii) above to entities with ‘authorisation to administer’ which they have created or which are controlled by or affiliated to them. In this case, the coordinator retains sole responsibility for the payments and for compliance with the obligations under the Agreement.

Moreover, coordinators which are ‘sole beneficiaries’¹² (or similar, such as European research

¹² For the definition, see Article 187(2) EU Financial Regulation 2018/1046: “Where several entities satisfy the criteria

infrastructure consortia (ERICs)) may delegate the tasks set out in Point (b)(i) to (iii) above to one of their members. The coordinator retains sole responsibility for compliance with the obligations under the Agreement.

The beneficiaries must have **internal arrangements** regarding their operation and co-ordination, to ensure that the action is implemented properly.

If required by the granting authority (see Data Sheet, Point 1), these arrangements must be set out in a written **consortium agreement** between the beneficiaries, covering for instance:

- the internal organisation of the consortium
- the management of access to the Portal
- different distribution keys for the payments and financial responsibilities in case of recoveries (if any)
- additional rules on rights and obligations related to background and results (see Article 16)
- settlement of internal disputes
- liability, indemnification and confidentiality arrangements between the beneficiaries.

The internal arrangements must not contain any provision contrary to this Agreement.

ARTICLE 8 — AFFILIATED ENTITIES

Not applicable

ARTICLE 9 — OTHER PARTICIPANTS INVOLVED IN THE ACTION

9.1 Associated partners

The following entities which cooperate with a beneficiary will participate in the action as ‘associated partners’:

- **SOCIETE DU CANAL SEINE NORD EUROPE (SCSNE)**, PIC 888502735

Associated partners must implement the action tasks attributed to them in Annex 1 in accordance with Article 11. They may not charge costs or contributions to the action and the costs for their tasks are not eligible.

The tasks must be set out in Annex 1.

The beneficiaries must ensure that their contractual obligations under Articles 11 (proper implementation), 12 (conflict of interests), 13 (confidentiality and security), 14 (ethics), 17.2 (visibility), 18 (specific rules for carrying out action), 19 (information) and 20 (record-keeping) also apply to the associated partners.

for being awarded a grant and together form one entity, that entity may be treated as the **sole beneficiary**, including where it is specifically established for the purpose of implementing the action financed by the grant.”

The beneficiaries must ensure that the bodies mentioned in Article 25 (e.g. granting authority, OLAF, Court of Auditors (ECA), etc.) can exercise their rights also towards the associated partners.

9.2 Third parties giving in-kind contributions to the action

Other third parties may give in-kind contributions to the action (i.e. personnel, equipment, other goods, works and services, etc. which are free-of-charge), if necessary for the implementation.

Third parties giving in-kind contributions do not implement any action tasks. They may not charge costs or contributions to the action and the costs for the in-kind contributions are not eligible.

The third parties and their in-kind contributions should be set out in Annex 1.

9.3 Subcontractors

Subcontractors may participate in the action, if necessary for the implementation.

Subcontractors must implement their action tasks in accordance with Article 11. The costs for the subcontracted tasks (invoiced price from the subcontractor) are eligible and may be charged by the beneficiaries, under the conditions set out in Article 6. The costs will be included in Annex 2 as part of the beneficiaries' costs.

The beneficiaries must ensure that their contractual obligations under Articles 11 (proper implementation), 12 (conflict of interest), 13 (confidentiality and security), 14 (ethics), 17.2 (visibility), 18 (specific rules for carrying out action), 19 (information) and 20 (record-keeping) also apply to the subcontractors.

The beneficiaries must ensure that the bodies mentioned in Article 25 (e.g. granting authority, OLAF, Court of Auditors (ECA), etc.) can exercise their rights also towards the subcontractors.

9.4 Recipients of financial support to third parties

If the action includes providing financial support to third parties (e.g. grants, prizes or similar forms of support), the beneficiaries must ensure that their contractual obligations under Articles 12 (conflict of interest), 13 (confidentiality and security), 14 (ethics), 17.2 (visibility), 18 (specific rules for carrying out action), 19 (information) and 20 (record-keeping) also apply to the third parties receiving the support (recipients).

The beneficiaries must also ensure that the bodies mentioned in Article 25 (e.g. granting authority, OLAF, Court of Auditors (ECA), etc.) can exercise their rights also towards the recipients.

ARTICLE 10 — PARTICIPANTS WITH SPECIAL STATUS

10.1 Non-EU participants

Participants which are established in a non-EU country (if any) undertake to comply with their obligations under the Agreement and:

- to respect general principles (including fundamental rights, values and ethical principles, environmental and labour standards, rules on classified information, intellectual property rights, visibility of funding and protection of personal data)

- for the submission of certificates under Article 24: to use qualified external auditors which are independent and comply with comparable standards as those set out in EU Directive 2006/43/EC¹³
- for the controls under Article 25: to allow for checks, reviews, audits and investigations (including on-the-spot checks, visits and inspections) by the bodies mentioned in that Article (e.g. granting authority, OLAF, Court of Auditors (ECA), etc.).

Special rules on dispute settlement apply (see Data Sheet, Point 5).

10.2 Participants which are international organisations

Participants which are international organisations (IOs; if any) undertake to comply with their obligations under the Agreement and:

- to respect general principles (including fundamental rights, values and ethical principles, environmental and labour standards, rules on classified information, intellectual property rights, visibility of funding and protection of personal data)
- for the submission of certificates under Article 24: to use either independent public officers or external auditors which comply with comparable standards as those set out in EU Directive 2006/43/EC
- for the controls under Article 25: to allow for the checks, reviews, audits and investigations by the bodies mentioned in that Article, taking into account the specific agreements concluded by them and the EU (if any).

For such participants, nothing in the Agreement will be interpreted as a waiver of their privileges or immunities, as accorded by their constituent documents or international law.

Special rules on applicable law and dispute settlement apply (see Article 43 and Data Sheet, Point 5).

10.3 Pillar-assessed participants

Pillar-assessed participants (if any) may rely on their own systems, rules and procedures, in so far as they have been positively assessed and do not call into question the decision awarding the grant or breach the principle of equal treatment of applicants or beneficiaries.

‘Pillar-assessment’ means a review by the European Commission on the systems, rules and procedures which participants use for managing EU grants (in particular internal control system, accounting system, external audits, financing of third parties, rules on recovery and exclusion, information on recipients and protection of personal data; see Article 154 EU Financial Regulation 2018/1046).

Participants with a positive pillar assessment may rely on their own systems, rules and procedures, in particular for:

- record-keeping (Article 20): may be done in accordance with internal standards, rules and procedures

¹³ Directive 2006/43/EC of the European Parliament and of the Council of 17 May 2006 on statutory audits of annual accounts and consolidated accounts or similar national regulations (OJ L 157, 9.6.2006, p. 87).

- currency conversion for financial statements (Article 21): may be done in accordance with usual accounting practices
- guarantees (Article 23): for public law bodies, prefinancing guarantees are not needed
- certificates (Article 24):
 - certificates on the financial statements (CFS): may be provided by their regular internal or external auditors and in accordance with their internal financial regulations and procedures
 - certificates on usual accounting practices (CoMUC): are not needed if those practices are covered by an ex-ante assessment

and use the following specific rules, for:

- recoveries (Article 22): in case of financial support to third parties, there will be no recovery if the participant has done everything possible to retrieve the undue amounts from the third party receiving the support (including legal proceedings) and non-recovery is not due to an error or negligence on its part
- checks, reviews, audits and investigations by the EU (Article 25): will be conducted taking into account the rules and procedures specifically agreed between them and the framework agreement (if any)
- impact evaluation (Article 26): will be conducted in accordance with the participant's internal rules and procedures and the framework agreement (if any)
- grant agreement suspension (Article 31): certain costs incurred during grant suspension are eligible (notably, minimum costs necessary for a possible resumption of the action and costs relating to contracts which were entered into before the pre-information letter was received and which could not reasonably be suspended, reallocated or terminated on legal grounds)
- grant agreement termination (Article 32): the final grant amount and final payment will be calculated taking into account also costs relating to contracts due for execution only after termination takes effect, if the contract was entered into before the pre-information letter was received and could not reasonably be terminated on legal grounds
- liability for damages (Article 33.2): the granting authority must be compensated for damage it sustains as a result of the implementation of the action or because the action was not implemented in full compliance with the Agreement only if the damage is due to an infringement of the participant's internal rules and procedures or due to a violation of third parties' rights by the participant or one of its employees or individual for whom the employees are responsible.

Participants whose pillar assessment covers procurement and granting procedures may also do purchases, subcontracting and financial support to third parties (Article 6.2) in accordance with their internal rules and procedures for purchases, subcontracting and financial support.

Participants whose pillar assessment covers data protection rules may rely on their internal standards, rules and procedures for data protection (Article 15).

The participants may however not rely on provisions which would breach the principle of equal treatment of applicants or beneficiaries or call into question the decision awarding the grant, such as in particular:

- eligibility (Article 6)
- consortium roles and set-up (Articles 7-9)
- security and ethics (Articles 13, 14)
- IPR (including background and results, access rights and rights of use), communication, dissemination and visibility (Articles 16 and 17)
- information obligation (Article 19)
- payment, reporting and amendments (Articles 21, 22 and 39)
- rejections, reductions, suspensions and terminations (Articles 27, 28, 29-32)

If the pillar assessment was subject to remedial measures, reliance on the internal systems, rules and procedures is subject to compliance with those remedial measures.

Participants whose assessment has not yet been updated to cover (the new rules on) data protection may rely on their internal systems, rules and procedures, provided that they ensure that personal data is:

- processed lawfully, fairly and in a transparent manner in relation to the data subject
- collected for specified, explicit and legitimate purposes and not further processed in a manner that is incompatible with those purposes
- adequate, relevant and limited to what is necessary in relation to the purposes for which they are processed
- accurate and, where necessary, kept up to date
- kept in a form which permits identification of data subjects for no longer than is necessary for the purposes for which the data is processed and
- processed in a manner that ensures appropriate security of the personal data.

Participants must inform the coordinator without delay of any changes to the systems, rules and procedures that were part of the pillar assessment. The coordinator must immediately inform the granting authority.

Pillar-assessed participants that have also concluded a framework agreement with the EU, may moreover — under the same conditions as those above (i.e. not call into question the decision awarding the grant or breach the principle of equal treatment of applicants or beneficiaries) — rely on the provisions set out in that framework agreement.

SECTION 2 RULES FOR CARRYING OUT THE ACTION

ARTICLE 11 — PROPER IMPLEMENTATION OF THE ACTION

11.1 Obligation to properly implement the action

The beneficiaries must implement the action as described in Annex 1 and in compliance with the provisions of the Agreement, the call conditions and all legal obligations under applicable EU, international and national law.

11.2 Consequences of non-compliance

If a beneficiary breaches any of its obligations under this Article, the grant may be reduced (see Article 28).

Such breaches may also lead to other measures described in Chapter 5.

ARTICLE 12 — CONFLICT OF INTERESTS

12.1 Conflict of interests

The beneficiaries must take all measures to prevent any situation where the impartial and objective implementation of the Agreement could be compromised for reasons involving family, emotional life, political or national affinity, economic interest or any other direct or indirect interest ('conflict of interests').

They must formally notify the granting authority without delay of any situation constituting or likely to lead to a conflict of interests and immediately take all the necessary steps to rectify this situation.

The granting authority may verify that the measures taken are appropriate and may require additional measures to be taken by a specified deadline.

12.2 Consequences of non-compliance

If a beneficiary breaches any of its obligations under this Article, the grant may be reduced (see Article 28) and the grant or the beneficiary may be terminated (see Article 32).

Such breaches may also lead to other measures described in Chapter 5.

ARTICLE 13 — CONFIDENTIALITY AND SECURITY

13.1 Sensitive information

The parties must keep confidential any data, documents or other material (in any form) that is identified as sensitive in writing ('sensitive information') — during the implementation of the action and for at least until the time-limit set out in the Data Sheet (see Point 6).

If a beneficiary requests, the granting authority may agree to keep such information confidential for a longer period.

Unless otherwise agreed between the parties, they may use sensitive information only to implement the Agreement.

The beneficiaries may disclose sensitive information to their personnel or other participants involved in the action only if they:

- (a) need to know it in order to implement the Agreement and
- (b) are bound by an obligation of confidentiality.

The granting authority may disclose sensitive information to its staff and to other EU institutions and bodies.

It may moreover disclose sensitive information to third parties, if:

- (a) this is necessary to implement the Agreement or safeguard the EU financial interests and
- (b) the recipients of the information are bound by an obligation of confidentiality.

The confidentiality obligations no longer apply if:

- (a) the disclosing party agrees to release the other party
- (b) the information becomes publicly available, without breaching any confidentiality obligation
- (c) the disclosure of the sensitive information is required by EU, international or national law.

Specific confidentiality rules (if any) are set out in Annex 5.

13.2 Classified information

The parties must handle classified information in accordance with the applicable EU, international or national law on classified information (in particular, Decision 2015/444¹⁴ and its implementing rules).

Deliverables which contain classified information must be submitted according to special procedures agreed with the granting authority.

Action tasks involving classified information may be subcontracted only after explicit approval (in writing) from the granting authority.

Classified information may not be disclosed to any third party (including participants involved in the action implementation) without prior explicit written approval from the granting authority.

Specific security rules (if any) are set out in Annex 5.

13.3 Consequences of non-compliance

If a beneficiary breaches any of its obligations under this Article, the grant may be reduced (see Article 28).

Such breaches may also lead to other measures described in Chapter 5.

ARTICLE 14 — ETHICS AND VALUES

14.1 Ethics

¹⁴ Commission Decision 2015/444/EC, Euratom of 13 March 2015 on the security rules for protecting EU classified information (OJ L 72, 17.3.2015, p. 53).

The action must be carried out in line with the highest ethical standards and the applicable EU, international and national law on ethical principles.

Specific ethics rules (if any) are set out in Annex 5.

14.2 Values

The beneficiaries must commit to and ensure the respect of basic EU values (such as respect for human dignity, freedom, democracy, equality, the rule of law and human rights, including the rights of minorities).

Specific rules on values (if any) are set out in Annex 5.

14.3 Consequences of non-compliance

If a beneficiary breaches any of its obligations under this Article, the grant may be reduced (see Article 28).

Such breaches may also lead to other measures described in Chapter 5.

ARTICLE 15 — DATA PROTECTION

15.1 Data processing by the granting authority

Any personal data under the Agreement will be processed under the responsibility of the data controller of the granting authority in accordance with and for the purposes set out in the Portal Privacy Statement.

For grants where the granting authority is the European Commission, an EU regulatory or executive agency, joint undertaking or other EU body, the processing will be subject to Regulation 2018/1725¹⁵.

15.2 Data processing by the beneficiaries

The beneficiaries must process personal data under the Agreement in compliance with the applicable EU, international and national law on data protection (in particular, Regulation 2016/679¹⁶).

They must ensure that personal data is:

- processed lawfully, fairly and in a transparent manner in relation to the data subjects
- collected for specified, explicit and legitimate purposes and not further processed in a manner that is incompatible with those purposes

¹⁵ Regulation (EU) 2018/1725 of the European Parliament and of the Council of 23 October 2018 on the protection of natural persons with regard to the processing of personal data by the Union institutions, bodies, offices and agencies and on the free movement of such data, and repealing Regulation (EC) No 45/2001 and Decision No 1247/2002/EC (OJ L 295, 21.11.2018, p. 39).

¹⁶ Regulation (EU) 2016/679 of the European Parliament and of the Council of 27 April 2016 on the protection of natural persons with regard to the processing of personal data and on the free movement of such data, and repealing Directive 95/46/EC ('GDPR') (OJ L 119, 4.5.2016, p. 1).

- adequate, relevant and limited to what is necessary in relation to the purposes for which they are processed
- accurate and, where necessary, kept up to date
- kept in a form which permits identification of data subjects for no longer than is necessary for the purposes for which the data is processed and
- processed in a manner that ensures appropriate security of the data.

The beneficiaries may grant their personnel access to personal data only if it is strictly necessary for implementing, managing and monitoring the Agreement. The beneficiaries must ensure that the personnel is under a confidentiality obligation.

The beneficiaries must inform the persons whose data are transferred to the granting authority and provide them with the Portal Privacy Statement.

15.3 Consequences of non-compliance

If a beneficiary breaches any of its obligations under this Article, the grant may be reduced (see Article 28).

Such breaches may also lead to other measures described in Chapter 5.

ARTICLE 16 — INTELLECTUAL PROPERTY RIGHTS (IPR) — BACKGROUND AND RESULTS — ACCESS RIGHTS AND RIGHTS OF USE

16.1 Background and access rights to background

The beneficiaries must give each other and the other participants access to the background identified as needed for implementing the action, subject to any specific rules in Annex 5.

‘Background’ means any data, know-how or information — whatever its form or nature (tangible or intangible), including any rights such as intellectual property rights — that is:

- (a) held by the beneficiaries before they acceded to the Agreement and
- (b) needed to implement the action or exploit the results.

If background is subject to rights of a third party, the beneficiary concerned must ensure that it is able to comply with its obligations under the Agreement.

16.2 Ownership of results

The granting authority does not obtain ownership of the results produced under the action.

‘Results’ means any tangible or intangible effect of the action, such as data, know-how or information, whatever its form or nature, whether or not it can be protected, as well as any rights attached to it, including intellectual property rights.

16.3 Rights of use of the granting authority on materials, documents and information received for policy, information, communication, dissemination and publicity purposes

The granting authority has the right to use non-sensitive information relating to the action and materials and documents received from the beneficiaries (notably summaries for publication, deliverables, as well as any other material, such as pictures or audio-visual material, in paper or electronic form) for policy, information, communication, dissemination and publicity purposes — during the action or afterwards.

The right to use the beneficiaries' materials, documents and information is granted in the form of a royalty-free, non-exclusive and irrevocable licence, which includes the following rights:

- (a) **use for its own purposes** (in particular, making them available to persons working for the granting authority or any other EU service (including institutions, bodies, offices, agencies, etc.) or EU Member State institution or body; copying or reproducing them in whole or in part, in unlimited numbers; and communication through press information services)
- (b) **distribution to the public** (in particular, publication as hard copies and in electronic or digital format, publication on the internet, as a downloadable or non-downloadable file, broadcasting by any channel, public display or presentation, communicating through press information services, or inclusion in widely accessible databases or indexes)
- (c) **editing or redrafting** (including shortening, summarising, inserting other elements (e.g. meta-data, legends, other graphic, visual, audio or text elements), extracting parts (e.g. audio or video files), dividing into parts, use in a compilation)
- (d) **translation**
- (e) **storage** in paper, electronic or other form
- (f) **archiving**, in line with applicable document-management rules
- (g) the right to authorise **third parties** to act on its behalf or sub-license to third parties the modes of use set out in Points (b), (c), (d) and (f), if needed for the information, communication and publicity activity of the granting authority
- (h) **processing**, analysing, aggregating the materials, documents and information received and **producing derivative works**.

The rights of use are granted for the whole duration of the industrial or intellectual property rights concerned.

If materials or documents are subject to moral rights or third party rights (including intellectual property rights or rights of natural persons on their image and voice), the beneficiaries must ensure that they comply with their obligations under this Agreement (in particular, by obtaining the necessary licences and authorisations from the rights holders concerned).

Where applicable, the granting authority will insert the following information:

“© – [year] – [name of the copyright owner]. All rights reserved. Licensed to the [name of granting authority] under conditions.”

16.4 Specific rules on IPR, results and background

Specific rules regarding intellectual property rights, results and background (if any) are set out in Annex 5.

16.5 Consequences of non-compliance

If a beneficiary breaches any of its obligations under this Article, the grant may be reduced (see Article 28).

Such a breach may also lead to other measures described in Chapter 5.

ARTICLE 17 — COMMUNICATION, DISSEMINATION AND VISIBILITY

17.1 Communication — Dissemination — Promoting the action

Unless otherwise agreed with the granting authority, the beneficiaries must promote the action and its results by providing targeted information to multiple audiences (including the media and the public), in accordance with Annex 1 and in a strategic, coherent and effective manner.

Before engaging in a communication or dissemination activity expected to have a major media impact, the beneficiaries must inform the granting authority.

17.2 Visibility — European flag and funding statement

Unless otherwise agreed with the granting authority, communication activities of the beneficiaries related to the action (including media relations, conferences, seminars, information material, such as brochures, leaflets, posters, presentations, etc., in electronic form, via traditional or social media, etc.), dissemination activities and any infrastructure, equipment, vehicles, supplies or major result funded by the grant must acknowledge EU support and display the European flag (emblem) and funding statement (translated into local languages, where appropriate):



Funded by the
European Union



Co-funded by the
European Union



Funded by the
European Union



Co-funded by the
European Union

The emblem must remain distinct and separate and cannot be modified by adding other visual marks, brands or text.

Apart from the emblem, no other visual identity or logo may be used to highlight the EU support.

When displayed in association with other logos (e.g. of beneficiaries or sponsors), the emblem must be displayed at least as prominently and visibly as the other logos.

For the purposes of their obligations under this Article, the beneficiaries may use the emblem without first obtaining approval from the granting authority. This does not, however, give them the right to exclusive use. Moreover, they may not appropriate the emblem or any similar trademark or logo, either by registration or by any other means.

17.3 Quality of information — Disclaimer

Any communication or dissemination activity related to the action must use factually accurate information.

Moreover, it must indicate the following disclaimer (translated into local languages where appropriate):

“Funded by the European Union. Views and opinions expressed are however those of the author(s) only and do not necessarily reflect those of the European Union or [name of the granting authority]. Neither the European Union nor the granting authority can be held responsible for them.”

17.4 Specific communication, dissemination and visibility rules

Specific communication, dissemination and visibility rules (if any) are set out in Annex 5.

17.5 Consequences of non-compliance

If a beneficiary breaches any of its obligations under this Article, the grant may be reduced (see Article 28).

Such breaches may also lead to other measures described in Chapter 5.

ARTICLE 18 — SPECIFIC RULES FOR CARRYING OUT THE ACTION

18.1 Specific rules for carrying out the action

Specific rules for implementing the action (if any) are set out in Annex 5.

18.2 Consequences of non-compliance

If a beneficiary breaches any of its obligations under this Article, the grant may be reduced (see Article 28).

Such a breach may also lead to other measures described in Chapter 5.

SECTION 3 GRANT ADMINISTRATION

ARTICLE 19 — GENERAL INFORMATION OBLIGATIONS

19.1 Information requests

The beneficiaries must provide — during the action or afterwards and in accordance with Article 7 — any information requested in order to verify eligibility of the costs or contributions declared, proper implementation of the action and compliance with the other obligations under the Agreement.

The information provided must be accurate, precise and complete and in the format requested, including electronic format.

19.2 Participant Register data updates

The beneficiaries must keep — at all times, during the action or afterwards — their information stored in the Portal Participant Register up to date, in particular, their name, address, legal representatives, legal form and organisation type.

19.3 Information about events and circumstances which impact the action

The beneficiaries must immediately inform the granting authority (and the other beneficiaries) of any of the following:

- (a) **events** which are likely to affect or delay the implementation of the action or affect the EU's financial interests, in particular:
 - (i) changes in their legal, financial, technical, organisational or ownership situation (including changes linked to one of the exclusion grounds listed in the declaration of honour signed before grant signature)
 - (ii) linked action information: not applicable
- (b) **circumstances** affecting:
 - (i) the decision to award the grant or
 - (ii) compliance with requirements under the Agreement.

19.4 Consequences of non-compliance

If a beneficiary breaches any of its obligations under this Article, the grant may be reduced (see Article 28).

Such breaches may also lead to other measures described in Chapter 5.

ARTICLE 20 — RECORD-KEEPING

20.1 Keeping records and supporting documents

The beneficiaries must — at least until the time-limit set out in the Data Sheet (see Point 6) — keep records and other supporting documents to prove the proper implementation of the action in line with the accepted standards in the respective field (if any).

In addition, the beneficiaries must — for the same period — keep the following to justify the amounts declared:

- (a) for actual costs: adequate records and supporting documents to prove the costs declared (such

as contracts, subcontracts, invoices and accounting records); in addition, the beneficiaries' usual accounting and internal control procedures must enable direct reconciliation between the amounts declared, the amounts recorded in their accounts and the amounts stated in the supporting documents

- (b) for flat-rate costs and contributions (if any): adequate records and supporting documents to prove the eligibility of the costs or contributions to which the flat-rate is applied
- (c) for the following simplified costs and contributions: the beneficiaries do not need to keep specific records on the actual costs incurred, but must keep:
 - (i) for unit costs and contributions (if any): adequate records and supporting documents to prove the number of units declared
 - (ii) for lump sum costs and contributions (if any): adequate records and supporting documents to prove proper implementation of the work as described in Annex 1
 - (iii) for financing not linked to costs (if any): adequate records and supporting documents to prove the achievement of the results or the fulfilment of the conditions as described in Annex 1
- (d) for unit, flat-rate and lump sum costs and contributions according to usual cost accounting practices (if any): the beneficiaries must keep any adequate records and supporting documents to prove that their cost accounting practices have been applied in a consistent manner, based on objective criteria, regardless of the source of funding, and that they comply with the eligibility conditions set out in Articles 6.1 and 6.2.

Moreover, the following is needed for specific budget categories:

- (e) for personnel costs: time worked for the beneficiary under the action must be supported by declarations signed monthly by the person and their supervisor, unless another reliable time-record system is in place; the granting authority may accept alternative evidence supporting the time worked for the action declared, if it considers that it offers an adequate level of assurance
- (f) additional record-keeping rules: not applicable

The records and supporting documents must be made available upon request (see Article 19) or in the context of checks, reviews, audits or investigations (see Article 25).

If there are on-going checks, reviews, audits, investigations, litigation or other pursuits of claims under the Agreement (including the extension of findings; see Article 25), the beneficiaries must keep these records and other supporting documentation until the end of these procedures.

The beneficiaries must keep the original documents. Digital and digitalised documents are considered originals if they are authorised by the applicable national law. The granting authority may accept non-original documents if they offer a comparable level of assurance.

20.2 Consequences of non-compliance

If a beneficiary breaches any of its obligations under this Article, costs or contributions insufficiently

substantiated will be ineligible (see Article 6) and will be rejected (see Article 27), and the grant may be reduced (see Article 28).

Such breaches may also lead to other measures described in Chapter 5.

ARTICLE 21 — REPORTING

21.1 Continuous reporting

The beneficiaries must continuously report on the progress of the action (e.g. **deliverables, milestones, outputs/outcomes, critical risks, indicators**, etc; if any), in the Portal Continuous Reporting tool and in accordance with the timing and conditions it sets out (as agreed with the granting authority).

Standardised deliverables (e.g. progress reports not linked to payments, reports on cumulative expenditure, special reports, etc; if any) must be submitted using the templates published on the Portal.

21.2 Periodic reporting: Technical reports and financial statements

In addition, the beneficiaries must provide reports to request payments, in accordance with the schedule and modalities set out in the Data Sheet (see Point 4.2):

- for additional prefinancings (if any): an **additional prefinancing report**
- for interim payments (if any) and the final payment: a **periodic report**.

The prefinancing and periodic reports include a technical and financial part.

The technical part includes an overview of the action implementation. It must be prepared using the template available in the Portal Periodic Reporting tool.

The financial part of the additional prefinancing report includes a statement on the use of the previous prefinancing payment.

The financial part of the periodic report includes:

- the financial statements (individual and consolidated; for all beneficiaries/affiliated entities)
- the explanation on the use of resources (or detailed cost reporting table, if required)
- the certificates on the financial statements (CFS) (if required; see Article 24.2 and Data Sheet, Point 4.3).

The **financial statements** must detail the eligible costs and contributions for each budget category and, for the final payment, also the revenues for the action (see Articles 6 and 22).

All eligible costs and contributions incurred should be declared, even if they exceed the amounts indicated in the estimated budget (see Annex 2). Amounts that are not declared in the individual financial statements will not be taken into account by the granting authority.

By signing the financial statements (directly in the Portal Periodic Reporting tool), the beneficiaries confirm that:

- the information provided is complete, reliable and true
- the costs and contributions declared are eligible (see Article 6)
- the costs and contributions can be substantiated by adequate records and supporting documents (see Article 20) that will be produced upon request (see Article 19) or in the context of checks, reviews, audits and investigations (see Article 25)
- for the final periodic report: all the revenues have been declared (if required; see Article 22).

Beneficiaries will have to submit also the financial statements of their affiliated entities (if any). In case of recoveries (see Article 22), beneficiaries will be held responsible also for the financial statements of their affiliated entities.

21.3 Currency for financial statements and conversion into euros

The financial statements must be drafted in euro.

Beneficiaries with general accounts established in a currency other than the euro must convert the costs recorded in their accounts into euro, at the average of the daily exchange rates published in the C series of the *Official Journal of the European Union* (ECB website), calculated over the corresponding reporting period.

If no daily euro exchange rate is published in the *Official Journal* for the currency in question, they must be converted at the average of the monthly accounting exchange rates published on the European Commission website (InforEuro), calculated over the corresponding reporting period.

Beneficiaries with general accounts in euro must convert costs incurred in another currency into euro according to their usual accounting practices.

21.4 Reporting language

The reporting must be in the language of the Agreement, unless otherwise agreed with the granting authority (see Data Sheet, Point 4.2).

21.5 Consequences of non-compliance

If a report submitted does not comply with this Article, the granting authority may suspend the payment deadline (see Article 29) and apply other measures described in Chapter 5.

If the coordinator breaches its reporting obligations, the granting authority may terminate the grant or the coordinator's participation (see Article 32) or apply other measures described in Chapter 5.

ARTICLE 22 — PAYMENTS AND RECOVERIES — CALCULATION OF AMOUNTS DUE

22.1 Payments and payment arrangements

Payments will be made in accordance with the schedule and modalities set out in the Data Sheet (see Point 4.2).

They will be made in euro to the bank account indicated by the coordinator (see Data Sheet, Point 4.2)

and must be distributed without unjustified delay (restrictions may apply to distribution of the initial prefinancing payment; see Data Sheet, Point 4.2).

Payments to this bank account will discharge the granting authority from its payment obligation.

The cost of payment transfers will be borne as follows:

- the granting authority bears the cost of transfers charged by its bank
- the beneficiary bears the cost of transfers charged by its bank
- the party causing a repetition of a transfer bears all costs of the repeated transfer.

Payments by the granting authority will be considered to have been carried out on the date when they are debited to its account.

22.2 Recoveries

Recoveries will be made, if — at beneficiary termination, final payment or afterwards — it turns out that the granting authority has paid too much and needs to recover the amounts undue.

The general liability regime for recoveries (first-line liability) is as follows: At final payment, the coordinator will be fully liable for recoveries, even if it has not been the final recipient of the undue amounts. At beneficiary termination or after final payment, recoveries will be made directly against the beneficiaries concerned.

Beneficiaries will be fully liable for repaying the debts of their affiliated entities.

In case of enforced recoveries (see Article 22.4):

- the beneficiaries will be jointly and severally liable for repaying debts of another beneficiary under the Agreement (including late-payment interest), if required by the granting authority (see Data Sheet, Point 4.4)
- affiliated entities will be held liable for repaying debts of their beneficiaries under the Agreement (including late-payment interest), if required by the granting authority (see Data Sheet, Point 4.4).

22.3 Amounts due

22.3.1 Prefinancing payments

The aim of the prefinancing is to provide the beneficiaries with a float.

It remains the property of the EU until the final payment.

For **initial prefinancings** (if any), the amount due, schedule and modalities are set out in the Data Sheet (see Point 4.2).

For **additional prefinancings** (if any), the amount due, schedule and modalities are also set out in the Data Sheet (see Point 4.2). However, if the statement on the use of the previous prefinancing payment shows that less than 70% was used, the amount set out in the Data Sheet will be reduced by the difference between the 70% threshold and the amount used.

Prefinancing payments (or parts of them) may be offset (without the beneficiaries' consent) against amounts owed by a beneficiary to the granting authority — up to the amount due to that beneficiary.

For grants where the granting authority is the European Commission or an EU executive agency, offsetting may also be done against amounts owed to other Commission services or executive agencies.

Payments will not be made if the payment deadline or payments are suspended (see Articles 29 and 30).

22.3.2 Amount due at beneficiary termination — Recovery

In case of beneficiary termination, the granting authority will determine the provisional amount due for the beneficiary concerned. Payments (if any) will be made with the next interim or final payment.

The **amount due** will be calculated in the following step:

Step 1 — Calculation of the total accepted EU contribution

Step 1 — Calculation of the total accepted EU contribution

The granting authority will first calculate the 'accepted EU contribution' for the beneficiary for all reporting periods, by calculating the 'maximum EU contribution to costs' (applying the funding rate to the accepted costs of the beneficiary), taking into account requests for a lower contribution to costs and CFS threshold cappings (if any; see Article 24.5) and adding the contributions (accepted unit, flat-rate or lump sum contributions and financing not linked to costs, if any).

After that, the granting authority will take into account grant reductions (if any). The resulting amount is the 'total accepted EU contribution' for the beneficiary.

The **balance** is then calculated by deducting the payments received (if any; see report on the distribution of payments in Article 32), from the total accepted EU contribution:

$$\begin{aligned} & \{\text{total accepted EU contribution for the beneficiary} \\ & \text{minus} \\ & \{\text{prefinancing and interim payments received (if any)}\} \}. \end{aligned}$$

If the balance is **positive**, the amount will be included in the next interim or final payment to the consortium.

If the balance is **negative**, it will be **recovered** in accordance with the following procedure:

The granting authority will send a **pre-information letter** to the beneficiary concerned:

- formally notifying the intention to recover, the amount due, the amount to be recovered and the reasons why and
- requesting observations within 30 days of receiving notification.

If no observations are submitted (or the granting authority decides to pursue recovery despite the observations it has received), it will confirm the amount to be recovered and ask this amount to be paid to the coordinator (**confirmation letter**).

The amounts will later on also be taken into account for the next interim or final payment.

22.3.3 Interim payments

Interim payments reimburse the eligible costs and contributions claimed for the implementation of the action during the reporting periods (if any).

Interim payments (if any) will be made in accordance with the schedule and modalities set out the Data Sheet (see Point 4.2).

Payment is subject to the approval of the periodic report. Its approval does not imply recognition of compliance, authenticity, completeness or correctness of its content.

The **interim payment** will be calculated by the granting authority in the following steps:

Step 1 — Calculation of the total accepted EU contribution

Step 2 — Limit to the interim payment ceiling

Step 1 — Calculation of the total accepted EU contribution

The granting authority will calculate the ‘accepted EU contribution’ for the action for the reporting period, by first calculating the ‘maximum EU contribution to costs’ (applying the funding rate to the accepted costs of each beneficiary), taking into account requests for a lower contribution to costs, and CFS threshold cappings (if any; see Article 24.5) and adding the contributions (accepted unit, flat-rate or lump sum contributions and financing not linked to costs, if any).

After that, the granting authority will take into account grant reductions from beneficiary termination (if any). The resulting amount is the ‘total accepted EU contribution’.

Step 2 — Limit to the interim payment ceiling

The resulting amount is then capped to ensure that the total amount of prefinancing and interim payments (if any) does not exceed the interim payment ceiling set out in the Data Sheet (see Point 4.2).

Interim payments (or parts of them) may be offset (without the beneficiaries’ consent) against amounts owed by a beneficiary to the granting authority — up to the amount due to that beneficiary.

For grants where the granting authority is the European Commission or an EU executive agency, offsetting may also be done against amounts owed to other Commission services or executive agencies.

Payments will not be made if the payment deadline or payments are suspended (see Articles 29 and 30).

22.3.4 Final payment — Final grant amount — Revenues and Profit — Recovery

The final payment (payment of the balance) reimburses the remaining part of the eligible costs and contributions claimed for the implementation of the action (if any).

The final payment will be made in accordance with the schedule and modalities set out in the Data Sheet (see Point 4.2).

Payment is subject to the approval of the final periodic report. Its approval does not imply recognition of compliance, authenticity, completeness or correctness of its content.

The **final grant amount for the action** will be calculated in the following steps:

Step 1 — Calculation of the total accepted EU contribution

Step 2 — Limit to the maximum grant amount

Step 3 — Reduction due to the no-profit rule

Step 1 — Calculation of the total accepted EU contribution

The granting authority will first calculate the ‘accepted EU contribution’ for the action for all reporting periods, by calculating the ‘maximum EU contribution to costs’ (applying the funding rate to the total accepted costs of each beneficiary), taking into account requests for a lower contribution to costs, CFS threshold cappings (if any; see Article 24.5) and adding the contributions (accepted unit, flat-rate or lump sum contributions and financing not linked to costs, if any).

After that, the granting authority will take into account grant reductions (if any). The resulting amount is the ‘total accepted EU contribution’.

Step 2 — Limit to the maximum grant amount

If the resulting amount is higher than the maximum grant amount set out in Article 5.2, it will be limited to the latter.

Step 3 — Reduction due to the no-profit rule

If the no-profit rule is provided for in the Data Sheet (see Point 4.2), the grant must not produce a profit (i.e. surplus of the amount obtained following Step 2 plus the action’s revenues, over the eligible costs and contributions approved by the granting authority).

‘Revenue’ is all income generated by the action, during its duration (see Article 4), for beneficiaries that are profit legal entities.

If there is a profit, it will be deducted in proportion to the final rate of reimbursement of the eligible costs approved by the granting authority (as compared to the amount calculated following Steps 1 and 2 minus the contributions).

The **balance** (final payment) is then calculated by deducting the total amount of prefinancing and interim payments already made (if any), from the final grant amount:

$$\begin{aligned} &\{\text{final grant amount} \\ &\text{minus} \\ &\{\text{prefinancing and interim payments made (if any)}\}\}. \end{aligned}$$

If the balance is **positive**, it will be **paid** to the coordinator.

The final payment (or part of it) may be offset (without the beneficiaries’ consent) against amounts owed by a beneficiary to the granting authority — up to the amount due to that beneficiary.

For grants where the granting authority is the European Commission or an EU executive agency, offsetting may also be done against amounts owed to other Commission services or executive agencies.

Payments will not be made if the payment deadline or payments are suspended (see Articles 29 and 30).

If the balance is **negative**, it will be **recovered** in accordance with the following procedure:

The granting authority will send a **pre-information letter** to the coordinator:

- formally notifying the intention to recover, the final grant amount, the amount to be recovered and the reasons why
- requesting observations within 30 days of receiving notification.

If no observations are submitted (or the granting authority decides to pursue recovery despite the observations it has received), it will confirm the amount to be recovered (**confirmation letter**), together with a **debit note** with the terms and date for payment.

If payment is not made by the date specified in the debit note, the granting authority will **enforce recovery** in accordance with Article 22.4.

22.3.5 Audit implementation after final payment — Revised final grant amount — Recovery

If — after the final payment (in particular, after checks, reviews, audits or investigations; see Article 25) — the granting authority rejects costs or contributions (see Article 27) or reduces the grant (see Article 28), it will calculate the **revised final grant amount** for the beneficiary concerned.

The **beneficiary revised final grant amount** will be calculated in the following step:

Step 1 — Calculation of the revised total accepted EU contribution

Step 1 — Calculation of the revised total accepted EU contribution

The granting authority will first calculate the ‘revised accepted EU contribution’ for the beneficiary, by calculating the ‘revised accepted costs’ and ‘revised accepted contributions’.

After that, it will take into account grant reductions (if any). The resulting ‘revised total accepted EU contribution’ is the beneficiary revised final grant amount.

If the revised final grant amount is lower than the beneficiary’s final grant amount (i.e. its share in the final grant amount for the action), it will be **recovered** in accordance with the following procedure:

The **beneficiary final grant amount** (i.e. share in the final grant amount for the action) is calculated as follows:

$$\left\{ \begin{array}{l} \text{total accepted EU contribution for the beneficiary} \\ \text{divided by} \\ \text{total accepted EU contribution for the action} \end{array} \right\}$$

multiplied by

final grant amount for the action}.

The granting authority will send a **pre-information letter** to the beneficiary concerned:

- formally notifying the intention to recover, the amount to be recovered and the reasons why and
- requesting observations within 30 days of receiving notification.

If no observations are submitted (or the granting authority decides to pursue recovery despite the observations it has received), it will confirm the amount to be recovered (**confirmation letter**), together with a **debit note** with the terms and the date for payment.

Recoveries against affiliated entities (if any) will be handled through their beneficiaries.

If payment is not made by the date specified in the debit note, the granting authority will **enforce recovery** in accordance with Article 22.4.

22.4 Enforced recovery

If payment is not made by the date specified in the debit note, the amount due will be recovered:

- (a) by offsetting the amount — without the coordinator or beneficiary's consent — against any amounts owed to the coordinator or beneficiary by the granting authority.

In exceptional circumstances, to safeguard the EU financial interests, the amount may be offset before the payment date specified in the debit note.

For grants where the granting authority is the European Commission or an EU executive agency, debts may also be offset against amounts owed by other Commission services or executive agencies.

- (b) by drawing on the financial guarantee(s) (if any)
- (c) by holding other beneficiaries jointly and severally liable (if any; see Data Sheet, Point 4.4)
- (d) by holding affiliated entities jointly and severally liable (if any, see Data Sheet, Point 4.4)
- (e) by taking legal action (see Article 43) or, provided that the granting authority is the European Commission or an EU executive agency, by adopting an enforceable decision under Article 299 of the Treaty on the Functioning of the EU (TFEU) and Article 100(2) of EU Financial Regulation 2018/1046.

The amount to be recovered will be increased by **late-payment interest** at the rate set out in Article 22.5, from the day following the payment date in the debit note, up to and including the date the full payment is received.

Partial payments will be first credited against expenses, charges and late-payment interest and then against the principal.

Bank charges incurred in the recovery process will be borne by the beneficiary, unless Directive 2015/2366¹⁷ applies.

¹⁷ Directive (EU) 2015/2366 of the European Parliament and of the Council of 25 November 2015 on payment

For grants where the granting authority is an EU executive agency, enforced recovery by offsetting or enforceable decision will be done by the services of the European Commission (see also Article 43).

22.5 Consequences of non-compliance

22.5.1 If the granting authority does not pay within the payment deadlines (see above), the beneficiaries are entitled to **late-payment interest** at the rate applied by the European Central Bank (ECB) for its main refinancing operations in euros ('reference rate'), plus the rate specified in the Data Sheet (Point 4.2). The reference rate is the rate in force on the first day of the month in which the payment deadline expires, as published in the C series of the *Official Journal of the European Union*.

If the late-payment interest is lower than or equal to EUR 200, it will be paid to the coordinator only on request submitted within two months of receiving the late payment.

Late-payment interest is not due if all beneficiaries are EU Member States (including regional and local government authorities or other public bodies acting on behalf of a Member State for the purpose of this Agreement).

If payments or the payment deadline are suspended (see Articles 29 and 30), payment will not be considered as late.

Late-payment interest covers the period running from the day following the due date for payment (see above), up to and including the date of payment.

Late-payment interest is not considered for the purposes of calculating the final grant amount.

22.5.2 If the coordinator breaches any of its obligations under this Article, the grant may be reduced (see Article 29) and the grant or the coordinator may be terminated (see Article 32).

Such breaches may also lead to other measures described in Chapter 5.

ARTICLE 23 — GUARANTEES

23.1 Prefinancing guarantee

If required by the granting authority (see Data Sheet, Point 4.2), the beneficiaries must provide (one or more) prefinancing guarantee(s) in accordance with the timing and the amounts set out in the Data Sheet.

The coordinator must submit them to the granting authority in due time before the prefinancing they are linked to.

The guarantees must be drawn up using the template published on the Portal and fulfil the following conditions:

- (a) be provided by a bank or approved financial institution established in the EU or — if requested by the coordinator and accepted by the granting authority — by a third party or a bank or financial institution established outside the EU offering equivalent security

services in the internal market, amending Directives 2002/65/EC, 2009/110/EC and 2013/36/EU and Regulation (EU) No 1093/2010, and repealing Directive 2007/64/EC (OJ L 337, 23.12.2015, p. 35).

- (b) the guarantor stands as first-call guarantor and does not require the granting authority to first have recourse against the principal debtor (i.e. the beneficiary concerned) and
- (c) remain explicitly in force until the final payment and, if the final payment takes the form of a recovery, until five months after the debit note is notified to a beneficiary.

They will be released within the following month.

23.2 Consequences of non-compliance

If the beneficiaries breach their obligation to provide the prefinancing guarantee, the prefinancing will not be paid.

Such breaches may also lead to other measures described in Chapter 5.

ARTICLE 24 — CERTIFICATES

24.1 Operational verification report (OVR)

Not applicable

24.2 Certificate on the financial statements (CFS)

If required by the granting authority (see Data Sheet, Point 4.3), the beneficiaries must provide certificates on their financial statements (CFS), in accordance with the schedule, threshold and conditions set out in the Data Sheet.

The coordinator must submit them as part of the periodic report (see Article 21).

The certificates must be drawn up using the template published on the Portal, cover the costs declared on the basis of actual costs and costs according to usual cost accounting practices (if any), and fulfil the following conditions:

- (a) be provided by a qualified approved external auditor which is independent and complies with Directive 2006/43/EC¹⁸ (or for public bodies: by a competent independent public officer)
- (b) the verification must be carried out according to the highest professional standards to ensure that the financial statements comply with the provisions under the Agreement and that the costs declared are eligible.

The certificates will not affect the granting authority's right to carry out its own checks, reviews or audits, nor preclude the European Court of Auditors (ECA), the European Public Prosecutor's Office (EPPO) or the European Anti-Fraud Office (OLAF) from using their prerogatives for audits and investigations under the Agreement (see Article 25).

If the costs (or a part of them) were already audited by the granting authority, these costs do not need to be covered by the certificate and will not be counted for calculating the threshold (if any).

24.3 Certificate on the compliance of usual cost accounting practices (CoMUC)

¹⁸ Directive 2006/43/EC of the European Parliament and of the Council of 17 May 2006 on statutory audits of annual accounts and consolidated accounts or similar national regulations (OJ L 157, 9.6.2006, p. 87).

Beneficiaries which use unit, flat rate or lump sum costs or contributions according to usual costs accounting practices (if any) may submit to the granting authority, for approval, a certificate on the methodology stating that their usual cost accounting practices comply with the eligibility conditions under the Agreement.

The certificate must be drawn up using the template published on the Portal and fulfil the following conditions:

- (a) be provided by a qualified approved external auditor which is independent and complies with Directive 2006/43/EC¹⁹ (or for public bodies: by a competent independent public officer)
- (b) the verification must be carried out according to the highest professional standards to ensure that the methodology for declaring costs according to usual accounting practices complies with the provisions under the Agreement.

If the certificate is approved, amounts declared in line with this methodology will not be challenged subsequently, unless the beneficiary concealed information for the purpose of the approval.

24.4 Systems and process audit (SPA)

Not applicable

24.5 Consequences of non-compliance

If a beneficiary does not submit a certificate on the financial statements (CFS) or the certificate is rejected, the accepted EU contribution to costs will be capped to reflect the CFS threshold.

If a beneficiary breaches any of its other obligations under this Article, the granting authority may apply the measures described in Chapter 5.

ARTICLE 25 — CHECKS, REVIEWS, AUDITS AND INVESTIGATIONS — EXTENSION OF FINDINGS

25.1 Granting authority checks, reviews and audits

25.1.1 Internal checks

The granting authority may — during the action or afterwards — check the proper implementation of the action and compliance with the obligations under the Agreement, including assessing costs and contributions, deliverables and reports.

25.1.2 Project reviews

The granting authority may carry out reviews on the proper implementation of the action and compliance with the obligations under the Agreement (general project reviews or specific issues reviews).

Such project reviews may be started during the implementation of the action and until the time-limit

¹⁹ Directive 2006/43/EC of the European Parliament and of the Council of 17 May 2006 on statutory audits of annual accounts and consolidated accounts or similar national regulations (OJ L 157, 9.6.2006, p. 87).

set out in the Data Sheet (see Point 6). They will be formally notified to the coordinator or beneficiary concerned and will be considered to start on the date of the notification.

If needed, the granting authority may be assisted by independent, outside experts. If it uses outside experts, the coordinator or beneficiary concerned will be informed and have the right to object on grounds of commercial confidentiality or conflict of interest.

The coordinator or beneficiary concerned must cooperate diligently and provide — within the deadline requested — any information and data in addition to deliverables and reports already submitted (including information on the use of resources). The granting authority may request beneficiaries to provide such information to it directly. Sensitive information and documents will be treated in accordance with Article 13.

The coordinator or beneficiary concerned may be requested to participate in meetings, including with the outside experts.

For **on-the-spot visits**, the beneficiary concerned must allow access to sites and premises (including to the outside experts) and must ensure that information requested is readily available.

Information provided must be accurate, precise and complete and in the format requested, including electronic format.

On the basis of the review findings, a **project review report** will be drawn up.

The granting authority will formally notify the project review report to the coordinator or beneficiary concerned, which has 30 days from receiving notification to make observations.

Project reviews (including project review reports) will be in the language of the Agreement.

25.1.3 Audits

The granting authority may carry out audits on the proper implementation of the action and compliance with the obligations under the Agreement.

Such audits may be started during the implementation of the action and until the time-limit set out in the Data Sheet (see Point 6). They will be formally notified to the beneficiary concerned and will be considered to start on the date of the notification.

The granting authority may use its own audit service, delegate audits to a centralised service or use external audit firms. If it uses an external firm, the beneficiary concerned will be informed and have the right to object on grounds of commercial confidentiality or conflict of interest.

The beneficiary concerned must cooperate diligently and provide — within the deadline requested — any information (including complete accounts, individual salary statements or other personal data) to verify compliance with the Agreement. Sensitive information and documents will be treated in accordance with Article 13.

For **on-the-spot** visits, the beneficiary concerned must allow access to sites and premises (including for the external audit firm) and must ensure that information requested is readily available.

Information provided must be accurate, precise and complete and in the format requested, including electronic format.

On the basis of the audit findings, a **draft audit report** will be drawn up.

The auditors will formally notify the draft audit report to the beneficiary concerned, which has 30 days from receiving notification to make observations (contradictory audit procedure).

The **final audit report** will take into account observations by the beneficiary concerned and will be formally notified to them.

Audits (including audit reports) will be in the language of the Agreement.

25.2 European Commission checks, reviews and audits in grants of other granting authorities

Where the granting authority is not the European Commission, the latter has the same rights of checks, reviews and audits as the granting authority.

25.3 Access to records for assessing simplified forms of funding

The beneficiaries must give the European Commission access to their statutory records for the periodic assessment of simplified forms of funding which are used in EU programmes.

25.4 OLAF, EPPO and ECA audits and investigations

The following bodies may also carry out checks, reviews, audits and investigations — during the action or afterwards:

- the European Anti-Fraud Office (OLAF) under Regulations No 883/2013²⁰ and No 2185/96²¹
- the European Public Prosecutor's Office (EPPO) under Regulation 2017/1939
- the European Court of Auditors (ECA) under Article 287 of the Treaty on the Functioning of the EU (TFEU) and Article 257 of EU Financial Regulation 2018/1046.

If requested by these bodies, the beneficiary concerned must provide full, accurate and complete information in the format requested (including complete accounts, individual salary statements or other personal data, including in electronic format) and allow access to sites and premises for on-the-spot visits or inspections — as provided for under these Regulations.

To this end, the beneficiary concerned must keep all relevant information relating to the action, at least until the time-limit set out in the Data Sheet (Point 6) and, in any case, until any ongoing checks, reviews, audits, investigations, litigation or other pursuits of claims have been concluded.

25.5 Consequences of checks, reviews, audits and investigations — Extension of results of reviews, audits or investigations

²⁰ Regulation (EU, Euratom) No 883/2013 of the European Parliament and of the Council of 11 September 2013 concerning investigations conducted by the European Anti-Fraud Office (OLAF) and repealing Regulation (EC) No 1073/1999 of the European Parliament and of the Council and Council Regulation (Euratom) No 1074/1999 (OJ L 248, 18/09/2013, p. 1).

²¹ Council Regulation (Euratom, EC) No 2185/1996 of 11 November 1996 concerning on-the-spot checks and inspections carried out by the Commission in order to protect the European Communities' financial interests against fraud and other irregularities (OJ L 292, 15/11/1996, p. 2).

25.5.1 Consequences of checks, reviews, audits and investigations in this grant

Findings in checks, reviews, audits or investigations carried out in the context of this grant may lead to rejections (see Article 27), grant reduction (see Article 28) or other measures described in Chapter 5.

Rejections or grant reductions after the final payment will lead to a revised final grant amount (see Article 22).

Findings in checks, reviews, audits or investigations during the action implementation may lead to a request for amendment (see Article 39), to change the description of the action set out in Annex 1.

Checks, reviews, audits or investigations that find systemic or recurrent errors, irregularities, fraud or breach of obligations in any EU grant may also lead to consequences in other EU grants awarded under similar conditions ('extension to other grants').

Moreover, findings arising from an OLAF or EPPO investigation may lead to criminal prosecution under national law.

25.5.2 Extension from other grants

Results of checks, reviews, audits or investigations in other grants may be extended to this grant, if:

- (a) the beneficiary concerned is found, in other EU grants awarded under similar conditions, to have committed systemic or recurrent errors, irregularities, fraud or breach of obligations that have a material impact on this grant and
- (b) those findings are formally notified to the beneficiary concerned — together with the list of grants affected by the findings — within the time-limit for audits set out in the Data Sheet (see Point 6).

The granting authority will formally notify the beneficiary concerned of the intention to extend the findings and the list of grants affected.

If the extension concerns **rejections of costs or contributions**: the notification will include:

- (a) an invitation to submit observations on the list of grants affected by the findings
- (b) the request to submit revised financial statements for all grants affected
- (c) the correction rate for extrapolation, established on the basis of the systemic or recurrent errors, to calculate the amounts to be rejected, if the beneficiary concerned:
 - (i) considers that the submission of revised financial statements is not possible or practicable or
 - (ii) does not submit revised financial statements.

If the extension concerns **grant reductions**: the notification will include:

- (a) an invitation to submit observations on the list of grants affected by the findings and
- (b) the **correction rate for extrapolation**, established on the basis of the systemic or recurrent errors and the principle of proportionality.

The beneficiary concerned has **60 days** from receiving notification to submit observations, revised financial statements or to propose a duly substantiated **alternative correction method/rate**.

On the basis of this, the granting authority will analyse the impact and decide on the implementation (i.e. start rejection or grant reduction procedures, either on the basis of the revised financial statements or the announced/alternative method/rate or a mix of those; see Articles 27 and 28).

25.6 Consequences of non-compliance

If a beneficiary breaches any of its obligations under this Article, costs or contributions insufficiently substantiated will be ineligible (see Article 6) and will be rejected (see Article 27), and the grant may be reduced (see Article 28).

Such breaches may also lead to other measures described in Chapter 5.

ARTICLE 26 — IMPACT EVALUATIONS

26.1 Impact evaluation

The granting authority may carry out impact evaluations of the action, measured against the objectives and indicators of the EU programme funding the grant.

Such evaluations may be started during implementation of the action and until the time-limit set out in the Data Sheet (see Point 6). They will be formally notified to the coordinator or beneficiaries and will be considered to start on the date of the notification.

If needed, the granting authority may be assisted by independent outside experts.

The coordinator or beneficiaries must provide any information relevant to evaluate the impact of the action, including information in electronic format.

26.2 Consequences of non-compliance

If a beneficiary breaches any of its obligations under this Article, the granting authority may apply the measures described in Chapter 5.

CHAPTER 5 CONSEQUENCES OF NON-COMPLIANCE

SECTION 1 REJECTIONS AND GRANT REDUCTION

ARTICLE 27 — REJECTION OF COSTS AND CONTRIBUTIONS

27.1 Conditions

The granting authority will — at beneficiary termination, interim payment, final payment or afterwards — reject any costs or contributions which are ineligible (see Article 6), in particular following checks, reviews, audits or investigations (see Article 25).

The rejection may also be based on the extension of findings from other grants to this grant (see Article 25).

Ineligible costs or contributions will be rejected.

27.2 Procedure

If the rejection does not lead to a recovery, the granting authority will formally notify the coordinator or beneficiary concerned of the rejection, the amounts and the reasons why. The coordinator or beneficiary concerned may — within 30 days of receiving notification — submit observations if it disagrees with the rejection (payment review procedure).

If the rejection leads to a recovery, the granting authority will follow the contradictory procedure with pre-information letter set out in Article 22.

27.3 Effects

If the granting authority rejects costs or contributions, it will deduct them from the costs or contributions declared and then calculate the amount due (and, if needed, make a recovery; see Article 22).

ARTICLE 28 — GRANT REDUCTION

28.1 Conditions

The granting authority may — at beneficiary termination, final payment or afterwards — reduce the grant for a beneficiary, if:

- (a) the beneficiary (or a person having powers of representation, decision-making or control, or person essential for the award/implementation of the grant) has committed:
 - (i) substantial errors, irregularities or fraud or
 - (ii) serious breach of obligations under this Agreement or during its award (including improper implementation of the action, non-compliance with the call conditions, submission of false information, failure to provide required information, breach of ethics or security rules (if applicable), etc.), or
- (b) the beneficiary (or a person having powers of representation, decision-making or control, or person essential for the award/implementation of the grant) has committed — in other EU grants awarded to it under similar conditions — systemic or recurrent errors, irregularities, fraud or serious breach of obligations that have a material impact on this grant (see Article 25).

The amount of the reduction will be calculated for each beneficiary concerned and proportionate to the seriousness and the duration of the errors, irregularities or fraud or breach of obligations, by applying an individual reduction rate to their accepted EU contribution.

28.2 Procedure

If the grant reduction does not lead to a recovery, the granting authority will formally notify the coordinator or beneficiary concerned of the reduction, the amount to be reduced and the reasons why.

The coordinator or beneficiary concerned may — within 30 days of receiving notification — submit observations if it disagrees with the reduction (payment review procedure).

If the grant reduction leads to a recovery, the granting authority will follow the contradictory procedure with pre-information letter set out in Article 22.

28.3 Effects

If the granting authority reduces the grant, it will deduct the reduction and then calculate the amount due (and, if needed, make a recovery; see Article 22).

SECTION 2 SUSPENSION AND TERMINATION

ARTICLE 29 — PAYMENT DEADLINE SUSPENSION

29.1 Conditions

The granting authority may — at any moment — suspend the payment deadline if a payment cannot be processed because:

- (a) the required report (see Article 21) has not been submitted or is not complete or additional information is needed
- (b) there are doubts about the amount to be paid (e.g. ongoing audit extension procedure, queries about eligibility, need for a grant reduction, etc.) and additional checks, reviews, audits or investigations are necessary, or
- (c) there are other issues affecting the EU financial interests.

29.2 Procedure

The granting authority will formally notify the coordinator of the suspension and the reasons why.

The suspension will **take effect** the day the notification is sent.

If the conditions for suspending the payment deadline are no longer met, the suspension will be **lifted** — and the remaining time to pay (see Data Sheet, Point 4.2) will resume.

If the suspension exceeds two months, the coordinator may request the granting authority to confirm if the suspension will continue.

If the payment deadline has been suspended due to the non-compliance of the report and the revised report is not submitted (or was submitted but is also rejected), the granting authority may also terminate the grant or the participation of the coordinator (see Article 32).

ARTICLE 30 — PAYMENT SUSPENSION

30.1 Conditions

The granting authority may — at any moment — suspend payments, in whole or in part for one or more beneficiaries, if:

- (a) a beneficiary (or a person having powers of representation, decision-making or control, or person essential for the award/implementation of the grant) has committed or is suspected of having committed:
 - (i) substantial errors, irregularities or fraud or
 - (ii) serious breach of obligations under this Agreement or during its award (including improper implementation of the action, non-compliance with the call conditions, submission of false information, failure to provide required information, breach of ethics or security rules (if applicable), etc.), or
- (b) a beneficiary (or a person having powers of representation, decision-making or control, or person essential for the award/implementation of the grant) has committed — in other EU grants awarded to it under similar conditions — systemic or recurrent errors, irregularities, fraud or serious breach of obligations that have a material impact on this grant.

If payments are suspended for one or more beneficiaries, the granting authority will make partial payment(s) for the part(s) not suspended. If suspension concerns the final payment, the payment (or recovery) of the remaining amount after suspension is lifted will be considered to be the payment that closes the action.

30.2 Procedure

Before suspending payments, the granting authority will send a **pre-information letter** to the beneficiary concerned:

- formally notifying the intention to suspend payments and the reasons why and
- requesting observations within 30 days of receiving notification.

If the granting authority does not receive observations or decides to pursue the procedure despite the observations it has received, it will confirm the suspension (**confirmation letter**). Otherwise, it will formally notify that the procedure is discontinued.

At the end of the suspension procedure, the granting authority will also inform the coordinator.

The suspension will **take effect** the day after the confirmation notification is sent.

If the conditions for resuming payments are met, the suspension will be **lifted**. The granting authority will formally notify the beneficiary concerned (and the coordinator) and set the suspension end date.

During the suspension, no prefinancing will be paid to the beneficiaries concerned. For interim payments, the periodic reports for all reporting periods except the last one (see Article 21) must not contain any financial statements from the beneficiary concerned (or its affiliated entities). The coordinator must include them in the next periodic report after the suspension is lifted or — if suspension is not lifted before the end of the action — in the last periodic report.

ARTICLE 31 — GRANT AGREEMENT SUSPENSION

31.1 Consortium-requested GA suspension

31.1.1 Conditions and procedure

The beneficiaries may request the suspension of the grant or any part of it, if exceptional circumstances — in particular *force majeure* (see Article 35) — make implementation impossible or excessively difficult.

The coordinator must submit a request for **amendment** (see Article 39), with:

- the reasons why
- the date the suspension takes effect; this date may be before the date of the submission of the amendment request and
- the expected date of resumption.

The suspension will **take effect** on the day specified in the amendment.

Once circumstances allow for implementation to resume, the coordinator must immediately request another **amendment** of the Agreement to set the suspension end date, the resumption date (one day after suspension end date), extend the duration and make other changes necessary to adapt the action to the new situation (see Article 39) — unless the grant has been terminated (see Article 32). The suspension will be **lifted** with effect from the suspension end date set out in the amendment. This date may be before the date of the submission of the amendment request.

During the suspension, no prefinancing will be paid. Costs incurred or contributions for activities implemented during grant suspension are not eligible (see Article 6.3).

31.2 EU-initiated GA suspension

31.2.1 Conditions

The granting authority may suspend the grant or any part of it, if:

- (a) a beneficiary (or a person having powers of representation, decision-making or control, or person essential for the award/implementation of the grant) has committed or is suspected of having committed:
 - (i) substantial errors, irregularities or fraud or
 - (ii) serious breach of obligations under this Agreement or during its award (including improper implementation of the action, non-compliance with the call conditions, submission of false information, failure to provide required information, breach of ethics or security rules (if applicable), etc.), or
- (b) a beneficiary (or a person having powers of representation, decision-making or control, or person essential for the award/implementation of the grant) has committed — in other EU grants awarded to it under similar conditions — systemic or recurrent errors, irregularities, fraud or serious breach of obligations that have a material impact on this grant
- (c) other:
 - (i) linked action issues: not applicable
 - (ii) due to major delays, the objectives of the action risk to no longer be achieved

31.2.2 Procedure

Before suspending the grant, the granting authority will send a **pre-information letter** to the coordinator:

- formally notifying the intention to suspend the grant and the reasons why and
- requesting observations within 30 days of receiving notification.

If the granting authority does not receive observations or decides to pursue the procedure despite the observations it has received, it will confirm the suspension (**confirmation letter**). Otherwise, it will formally notify that the procedure is discontinued.

The suspension will **take effect** the day after the confirmation notification is sent (or on a later date specified in the notification).

Once the conditions for resuming implementation of the action are met, the granting authority will formally notify the coordinator a **lifting of suspension letter**, in which it will set the suspension end date and invite the coordinator to request an amendment of the Agreement to set the resumption date (one day after suspension end date), extend the duration and make other changes necessary to adapt the action to the new situation (see Article 39) — unless the grant has been terminated (see Article 32). The suspension will be **lifted** with effect from the suspension end date set out in the lifting of suspension letter. This date may be before the date on which the letter is sent.

During the suspension, no prefinancing will be paid. Costs incurred or contributions for activities implemented during suspension are not eligible (see Article 6.3).

The beneficiaries may not claim damages due to suspension by the granting authority (see Article 33).

Grant suspension does not affect the granting authority's right to terminate the grant or a beneficiary (see Article 32) or reduce the grant (see Article 28).

ARTICLE 32 — GRANT AGREEMENT OR BENEFICIARY TERMINATION

32.1 Consortium-requested GA termination

32.1.1 Conditions and procedure

The beneficiaries may request the termination of the grant.

The coordinator must submit a request for **amendment** (see Article 39), with:

- the reasons why
- the date the consortium ends work on the action ('end of work date') and
- the date the termination takes effect ('termination date'); this date must be after the date of the submission of the amendment request.

The termination will **take effect** on the termination date specified in the amendment.

If no reasons are given or if the granting authority considers the reasons do not justify termination, it may consider the grant terminated improperly.

32.1.2 Effects

The coordinator must — within 60 days from when termination takes effect — submit a **periodic report** (for the open reporting period until termination).

The granting authority will calculate the final grant amount and final payment on the basis of the report submitted and taking into account the costs incurred and contributions for activities implemented before the end of work date (see Article 22). Costs relating to contracts due for execution only after the end of work are not eligible.

If the granting authority does not receive the report within the deadline, only costs and contributions which are included in an approved periodic report will be taken into account (no costs/contributions if no periodic report was ever approved).

Improper termination may lead to a grant reduction (see Article 28).

After termination, the beneficiaries' obligations (in particular Articles 13 (confidentiality and security), 16 (IPR), 17 (communication, dissemination and visibility), 21 (reporting), 25 (checks, reviews, audits and investigations), 26 (impact evaluation), 27 (rejections), 28 (grant reduction) and 42 (assignment of claims)) continue to apply.

32.2 Consortium-requested beneficiary termination

32.2.1 Conditions and procedure

The coordinator may request the termination of the participation of one or more beneficiaries, on request of the beneficiary concerned or on behalf of the other beneficiaries.

The coordinator must submit a request for **amendment** (see Article 39), with:

- the reasons why
- the opinion of the beneficiary concerned (or proof that this opinion has been requested in writing)
- the date the beneficiary ends work on the action ('end of work date')
- the date the termination takes effect ('termination date'); this date must be after the date of the submission of the amendment request.

If the termination concerns the coordinator and is done without its agreement, the amendment request must be submitted by another beneficiary (acting on behalf of the consortium).

The termination will **take effect** on the termination date specified in the amendment.

If no information is given or if the granting authority considers that the reasons do not justify termination, it may consider the beneficiary to have been terminated improperly.

32.2.2 Effects

The coordinator must — within 60 days from when termination takes effect — submit:

- (i) a **report on the distribution of payments** to the beneficiary concerned

- (ii) a **termination report** from the beneficiary concerned, for the open reporting period until termination, containing an overview of the progress of the work, the financial statement, the explanation on the use of resources, and, if applicable, the certificate on the financial statement (CFS; see Articles 21 and 24.2 and Data Sheet, Point 4.3)
- (iii) a second **request for amendment** (see Article 39) with other amendments needed (e.g. reallocation of the tasks and the estimated budget of the terminated beneficiary; addition of a new beneficiary to replace the terminated beneficiary; change of coordinator, etc.).

The granting authority will calculate the amount due to the beneficiary on the basis of the report submitted and taking into account the costs incurred and contributions for activities implemented before the end of work date (see Article 22). Costs relating to contracts due for execution only after the end of work are not eligible.

The information in the termination report must also be included in the periodic report for the next reporting period (see Article 21).

If the granting authority does not receive the termination report within the deadline, only costs and contributions which are included in an approved periodic report will be taken into account (no costs/contributions if no periodic report was ever approved).

If the granting authority does not receive the report on the distribution of payments within the deadline, it will consider that:

- the coordinator did not distribute any payment to the beneficiary concerned and that
- the beneficiary concerned must not repay any amount to the coordinator.

If the second request for amendment is accepted by the granting authority, the Agreement is **amended** to introduce the necessary changes (see Article 39).

If the second request for amendment is rejected by the granting authority (because it calls into question the decision awarding the grant or breaches the principle of equal treatment of applicants), the grant may be terminated (see Article 32).

Improper termination may lead to a reduction of the grant (see Article 31) or grant termination (see Article 32).

After termination, the concerned beneficiary's obligations (in particular Articles 13 (confidentiality and security), 16 (IPR), 17 (communication, dissemination and visibility), 21 (reporting), 25 (checks, reviews, audits and investigations), 26 (impact evaluation), 27 (rejections), 28 (grant reduction) and 42 (assignment of claims)) continue to apply.

32.3 EU-initiated GA or beneficiary termination

32.3.1 Conditions

The granting authority may terminate the grant or the participation of one or more beneficiaries, if:

- (a) one or more beneficiaries do not accede to the Agreement (see Article 40)
- (b) a change to the action or the legal, financial, technical, organisational or ownership situation

of a beneficiary is likely to substantially affect the implementation of the action or calls into question the decision to award the grant (including changes linked to one of the exclusion grounds listed in the declaration of honour)

- (c) following termination of one or more beneficiaries, the necessary changes to the Agreement (and their impact on the action) would call into question the decision awarding the grant or breach the principle of equal treatment of applicants
- (d) implementation of the action has become impossible or the changes necessary for its continuation would call into question the decision awarding the grant or breach the principle of equal treatment of applicants
- (e) a beneficiary (or person with unlimited liability for its debts) is subject to bankruptcy proceedings or similar (including insolvency, winding-up, administration by a liquidator or court, arrangement with creditors, suspension of business activities, etc.)
- (f) a beneficiary (or person with unlimited liability for its debts) is in breach of social security or tax obligations
- (g) a beneficiary (or person having powers of representation, decision-making or control, or person essential for the award/implementation of the grant) has been found guilty of grave professional misconduct
- (h) a beneficiary (or person having powers of representation, decision-making or control, or person essential for the award/implementation of the grant) has committed fraud, corruption, or is involved in a criminal organisation, money laundering, terrorism-related crimes (including terrorism financing), child labour or human trafficking
- (i) a beneficiary (or person having powers of representation, decision-making or control, or person essential for the award/implementation of the grant) was created under a different jurisdiction with the intent to circumvent fiscal, social or other legal obligations in the country of origin (or created another entity with this purpose)
- (j) a beneficiary (or person having powers of representation, decision-making or control, or person essential for the award/implementation of the grant) has committed:
 - (i) substantial errors, irregularities or fraud or
 - (ii) serious breach of obligations under this Agreement or during its award (including improper implementation of the action, non-compliance with the call conditions, submission of false information, failure to provide required information, breach of ethics or security rules (if applicable), etc.)
- (k) a beneficiary (or person having powers of representation, decision-making or control, or person essential for the award/implementation of the grant) has committed — in other EU grants awarded to it under similar conditions — systemic or recurrent errors, irregularities, fraud or serious breach of obligations that have a material impact on this grant (extension of findings from other grants to this grant; see Article 25)
- (l) despite a specific request by the granting authority, a beneficiary does not request — through the coordinator — an amendment to the Agreement to end the participation of one of its

affiliated entities or associated partners that is in one of the situations under points (d), (f), (e), (g), (h), (i) or (j) and to reallocate its tasks, or

(m) other:

- (i) linked action issues: not applicable
- (ii) due to major delays, the objectives of the action can no longer be achieved

32.3.2 Procedure

Before terminating the grant or participation of one or more beneficiaries, the granting authority will send a **pre-information letter** to the coordinator or beneficiary concerned:

- formally notifying the intention to terminate and the reasons why and
- requesting observations within 30 days of receiving notification.

If the granting authority does not receive observations or decides to pursue the procedure despite the observations it has received, it will confirm the termination and the date it will take effect (**confirmation letter**). Otherwise, it will formally notify that the procedure is discontinued.

For beneficiary terminations, the granting authority will — at the end of the procedure — also inform the coordinator.

The termination will **take effect** the day after the confirmation notification is sent (or on a later date specified in the notification; ‘termination date’).

32.3.3 Effects

(a) for **GA termination**:

The coordinator must — within 60 days from when termination takes effect — submit a **periodic report** (for the last open reporting period until termination).

The granting authority will calculate the final grant amount and final payment on the basis of the report submitted and taking into account the costs incurred and contributions for activities implemented before termination takes effect (see Article 22). Costs relating to contracts due for execution only after termination are not eligible.

If the grant is terminated for breach of the obligation to submit reports, the coordinator may not submit any report after termination.

If the granting authority does not receive the report within the deadline, only costs and contributions which are included in an approved periodic report will be taken into account (no costs/contributions if no periodic report was ever approved).

Termination does not affect the granting authority’s right to reduce the grant (see Article 28) or to impose administrative sanctions (see Article 34).

The beneficiaries may not claim damages due to termination by the granting authority (see Article 33).

After termination, the beneficiaries' obligations (in particular Articles 13 (confidentiality and security), 16 (IPR), 17 (communication, dissemination and visibility), 21 (reporting), 25 (checks, reviews, audits and investigations), 26 (impact evaluation), 27 (rejections), 28 (grant reduction) and 42 (assignment of claims)) continue to apply.

(b) for **beneficiary termination**:

The coordinator must — within 60 days from when termination takes effect — submit:

- (i) a **report on the distribution of payments** to the beneficiary concerned
- (ii) a **termination report** from the beneficiary concerned, for the open reporting period until termination, containing an overview of the progress of the work, the financial statement, the explanation on the use of resources, and, if applicable, the certificate on the financial statement (CFS; see Articles 21 and 24.2 and Data Sheet, Point 4.3)
- (iii) a **request for amendment** (see Article 39) with any amendments needed (e.g. reallocation of the tasks and the estimated budget of the terminated beneficiary; addition of a new beneficiary to replace the terminated beneficiary; change of coordinator, etc.).

The granting authority will calculate the amount due to the beneficiary on the basis of the report submitted and taking into account the costs incurred and contributions for activities implemented before termination takes effect (see Article 22). Costs relating to contracts due for execution only after termination are not eligible.

The information in the termination report must also be included in the periodic report for the next reporting period (see Article 21).

If the granting authority does not receive the termination report within the deadline, only costs and contributions included in an approved periodic report will be taken into account (no costs/contributions if no periodic report was ever approved).

If the granting authority does not receive the report on the distribution of payments within the deadline, it will consider that:

- the coordinator did not distribute any payment to the beneficiary concerned and that
- the beneficiary concerned must not repay any amount to the coordinator.

If the request for amendment is accepted by the granting authority, the Agreement is **amended** to introduce the necessary changes (see Article 39).

If the request for amendment is rejected by the granting authority (because it calls into question the decision awarding the grant or breaches the principle of equal treatment of applicants), the grant may be terminated (see Article 32).

After termination, the concerned beneficiary's obligations (in particular Articles 13 (confidentiality and security), 16 (IPR), 17 (communication, dissemination and visibility), 21 (reporting), 25 (checks, reviews, audits and investigations), 26 (impact evaluation), 27 (rejections), 28 (grant reduction) and 42 (assignment of claims)) continue to apply.

SECTION 3 OTHER CONSEQUENCES: DAMAGES AND ADMINISTRATIVE SANCTIONS

ARTICLE 33 — DAMAGES

33.1 Liability of the granting authority

The granting authority cannot be held liable for any damage caused to the beneficiaries or to third parties as a consequence of the implementation of the Agreement, including for gross negligence.

The granting authority cannot be held liable for any damage caused by any of the beneficiaries or other participants involved in the action, as a consequence of the implementation of the Agreement.

33.2 Liability of the beneficiaries

The beneficiaries must compensate the granting authority for any damage it sustains as a result of the implementation of the action or because the action was not implemented in full compliance with the Agreement, provided that it was caused by gross negligence or wilful act.

The liability does not extend to indirect or consequential losses or similar damage (such as loss of profit, loss of revenue or loss of contracts), provided such damage was not caused by wilful act or by a breach of confidentiality.

ARTICLE 34 — ADMINISTRATIVE SANCTIONS AND OTHER MEASURES

Nothing in this Agreement may be construed as preventing the adoption of administrative sanctions (i.e. exclusion from EU award procedures and/or financial penalties) or other public law measures, in addition or as an alternative to the contractual measures provided under this Agreement (see, for instance, Articles 135 to 145 EU Financial Regulation 2018/1046 and Articles 4 and 7 of Regulation 2988/95²²).

SECTION 4 FORCE MAJEURE

ARTICLE 35 — FORCE MAJEURE

A party prevented by force majeure from fulfilling its obligations under the Agreement cannot be considered in breach of them.

‘Force majeure’ means any situation or event that:

- prevents either party from fulfilling their obligations under the Agreement,
- was unforeseeable, exceptional situation and beyond the parties’ control,
- was not due to error or negligence on their part (or on the part of other participants involved in the action), and
- proves to be inevitable in spite of exercising all due diligence.

²² Council Regulation (EC, Euratom) No 2988/95 of 18 December 1995 on the protection of the European Communities financial interests (OJ L 312, 23.12.1995, p. 1).

Any situation constituting force majeure must be formally notified to the other party without delay, stating the nature, likely duration and foreseeable effects.

The parties must immediately take all the necessary steps to limit any damage due to force majeure and do their best to resume implementation of the action as soon as possible.

CHAPTER 6 FINAL PROVISIONS

ARTICLE 36 — COMMUNICATION BETWEEN THE PARTIES

36.1 Forms and means of communication — Electronic management

EU grants are managed fully electronically through the EU Funding & Tenders Portal ('Portal').

All communications must be made electronically through the Portal, in accordance with the Portal Terms and Conditions and using the forms and templates provided there (except if explicitly instructed otherwise by the granting authority).

Communications must be made in writing and clearly identify the grant agreement (project number and acronym).

Communications must be made by persons authorised according to the Portal Terms and Conditions. For naming the authorised persons, each beneficiary must have designated — before the signature of this Agreement — a 'legal entity appointed representative (LEAR)'. The role and tasks of the LEAR are stipulated in their appointment letter (see Portal Terms and Conditions).

If the electronic exchange system is temporarily unavailable, instructions will be given on the Portal.

36.2 Date of communication

The sending date for communications made through the Portal will be the date and time of sending, as indicated by the time logs.

The receiving date for communications made through the Portal will be the date and time the communication is accessed, as indicated by the time logs. Formal notifications that have not been accessed within 10 days after sending, will be considered to have been accessed (see Portal Terms and Conditions).

If a communication is exceptionally made on paper (by e-mail or postal service), general principles apply (i.e. date of sending/receipt). Formal notifications by registered post with proof of delivery will be considered to have been received either on the delivery date registered by the postal service or the deadline for collection at the post office.

If the electronic exchange system is temporarily unavailable, the sending party cannot be considered in breach of its obligation to send a communication within a specified deadline.

36.3 Addresses for communication

The Portal can be accessed via the Europa website.

The address for paper communications to the granting authority (if exceptionally allowed) is the official mailing address indicated on its website.

For beneficiaries, it is the legal address specified in the Portal Participant Register.

ARTICLE 37 — INTERPRETATION OF THE AGREEMENT

The provisions in the Data Sheet take precedence over the rest of the Terms and Conditions of the Agreement.

Annex 5 takes precedence over the Terms and Conditions; the Terms and Conditions take precedence over the Annexes other than Annex 5.

Annex 2 takes precedence over Annex 1.

ARTICLE 38 — CALCULATION OF PERIODS AND DEADLINES

In accordance with Regulation No 1182/71²³, periods expressed in days, months or years are calculated from the moment the triggering event occurs.

The day during which that event occurs is not considered as falling within the period.

‘Days’ means calendar days, not working days.

ARTICLE 39 — AMENDMENTS

39.1 Conditions

The Agreement may be amended, unless the amendment entails changes to the Agreement which would call into question the decision awarding the grant or breach the principle of equal treatment of applicants.

Amendments may be requested by any of the parties.

39.2 Procedure

The party requesting an amendment must submit a request for amendment signed directly in the Portal Amendment tool.

The coordinator submits and receives requests for amendment on behalf of the beneficiaries (see Annex 3). If a change of coordinator is requested without its agreement, the submission must be done by another beneficiary (acting on behalf of the other beneficiaries).

The request for amendment must include:

- the reasons why
- the appropriate supporting documents and

²³ Regulation (EEC, Euratom) No 1182/71 of the Council of 3 June 1971 determining the rules applicable to periods, dates and time-limits (OJ L 124, 8/6/1971, p. 1).

- for a change of coordinator without its agreement: the opinion of the coordinator (or proof that this opinion has been requested in writing).

The granting authority may request additional information.

If the party receiving the request agrees, it must sign the amendment in the tool within 45 days of receiving notification (or any additional information the granting authority has requested). If it does not agree, it must formally notify its disagreement within the same deadline. The deadline may be extended, if necessary for the assessment of the request. If no notification is received within the deadline, the request is considered to have been rejected.

An amendment **enters into force** on the day of the signature of the receiving party.

An amendment **takes effect** on the date of entry into force or other date specified in the amendment.

ARTICLE 40 — ACCESSION AND ADDITION OF NEW BENEFICIARIES

40.1 Accession of the beneficiaries mentioned in the Preamble

The beneficiaries which are not coordinator must accede to the grant by signing the accession form (see Annex 3) directly in the Portal Grant Preparation tool, within 30 days after the entry into force of the Agreement (see Article 44).

They will assume the rights and obligations under the Agreement with effect from the date of its entry into force (see Article 44).

If a beneficiary does not accede to the grant within the above deadline, the coordinator must — within 30 days — request an amendment (see Article 39) to terminate the beneficiary and make any changes necessary to ensure proper implementation of the action. This does not affect the granting authority's right to terminate the grant (see Article 32).

40.2 Addition of new beneficiaries

In justified cases, the beneficiaries may request the addition of a new beneficiary.

For this purpose, the coordinator must submit a request for amendment in accordance with Article 39. It must include an accession form (see Annex 3) signed by the new beneficiary directly in the Portal Amendment tool.

New beneficiaries will assume the rights and obligations under the Agreement with effect from the date of their accession specified in the accession form (see Annex 3).

Additions are also possible in mono-beneficiary grants.

ARTICLE 41 — TRANSFER OF THE AGREEMENT

In justified cases, the beneficiary of a mono-beneficiary grant may request the transfer of the grant to a new beneficiary, provided that this would not call into question the decision awarding the grant or breach the principle of equal treatment of applicants.

The beneficiary must submit a request for **amendment** (see Article 39), with

- the reasons why
- the accession form (see Annex 3) signed by the new beneficiary directly in the Portal Amendment tool and
- additional supporting documents (if required by the granting authority).

The new beneficiary will assume the rights and obligations under the Agreement with effect from the date of accession specified in the accession form (see Annex 3).

ARTICLE 42 — ASSIGNMENTS OF CLAIMS FOR PAYMENT AGAINST THE GRANTING AUTHORITY

The beneficiaries may not assign any of their claims for payment against the granting authority to any third party, except if expressly approved in writing by the granting authority on the basis of a reasoned, written request by the coordinator (on behalf of the beneficiary concerned).

If the granting authority has not accepted the assignment or if the terms of it are not observed, the assignment will have no effect on it.

In no circumstances will an assignment release the beneficiaries from their obligations towards the granting authority.

ARTICLE 43 — APPLICABLE LAW AND SETTLEMENT OF DISPUTES

43.1 Applicable law

The Agreement is governed by the applicable EU law, supplemented if necessary by the law of Belgium.

Special rules may apply for beneficiaries which are international organisations (if any; see Data Sheet, Point 5).

43.2 Dispute settlement

If a dispute concerns the interpretation, application or validity of the Agreement, the parties must bring action before the EU General Court — or, on appeal, the EU Court of Justice — under Article 272 of the Treaty on the Functioning of the EU (TFEU).

For non-EU beneficiaries (if any), such disputes must be brought before the courts of Brussels, Belgium — unless an international agreement provides for the enforceability of EU court judgements.

For beneficiaries with arbitration as special dispute settlement forum (if any; see Data Sheet, Point 5), the dispute will — in the absence of an amicable settlement — be settled in accordance with the Rules for Arbitration published on the Portal.

If a dispute concerns administrative sanctions, offsetting or an enforceable decision under Article 299 TFEU (see Articles 22 and 34), the beneficiaries must bring action before the General Court — or, on appeal, the Court of Justice — under Article 263 TFEU.

For grants where the granting authority is an EU executive agency (see Preamble), actions against

offsetting and enforceable decisions must be brought against the European Commission (not against the granting authority; see also Article 22).

ARTICLE 44 — ENTRY INTO FORCE

The Agreement will enter into force on the day of signature by the granting authority or the coordinator, depending on which is later.

SIGNATURES

For the coordinator

For the granting authority



ANNEX 1



Connecting Europe Facility (CEF)

Description of the action (DoA)

Part A

Part B

DESCRIPTION OF THE ACTION (PART A)

COVER PAGE

Part A of the Description of the Action (DoA) must be completed directly on the Portal Grant Preparation screens.

PROJECT	
<i>Grant Preparation (General Information screen) — Enter the info.</i>	
Project number:	101079271
Project name:	SEINE-ESCAUT 2.1: Developing the largest inland waterway network in the heart of the EU
Project acronym:	21-EU-TG-SEINE-ESCAUT 2.1
Call:	CEF-T-2021-COREGEN
Topic:	CEF-T-2021-COREGEN-IWWP-WORKS
Type of action:	CEF-INFRA
Service:	CINEA/B/03
Project starting date:	fixed date: 1 January 2021
Project duration:	72 months

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Staff effort	39
List of deliverables	40
List of milestones (outputs/outcomes)	76
List of critical risks	88

PROJECT SUMMARY

Project summary

Grant Preparation (General Information screen) — Provide an overall description of your project (including context and overall objectives, planned activities and main achievements, and expected results and impacts (on target groups, change procedures, capacities, innovation etc)). This summary should give readers a clear idea of what your project is about.

Use the project summary from your proposal.

The Seine-Escaut global project is one of the major transport infrastructure projects in the European Union. It aims to bring together a network of 1,100 km of large-gauge inland waterways between the Seine basin and the Scheldt (Escaut) and Maas basins in Belgium, in a bid to upgrade access for modern river convoys from 2,000 tons to more than 4,000 tons and to drive forward the modal shift in freight transport from the road towards the waterways.

The project, SEINE-ESCAUT 2.1, pursues activities undertaken since 2005 by the partners, in particular within the CEF project SEINE-ESCAUT 2020 (CEF Action 2014-EU-TM-0373-M) and as described in the Commission Implementing Decision (EU) 2019/1118.

Subsequent to the future opening of the Canal Seine-Nord Europe and the significant upgrades of the inland waterway network across the border in France and Belgium, the number and size of the vessels on the Seine-Escaut large-gauge network are expected to grow considerably. Today however, existing infrastructure and equipment limit the capacity of the network and present a real risk to the continuity of navigation.

As a matter of fact, every tonne of freight transferred from road to water enables greenhouse gas emissions to be reduced by 4 to 5 times, as well as energy consumption per tonne transported to be reduced by 4 times. Inland waterways are thus a major lever in the fight against climate change and for energy sobriety.

Therefore, on the 1,100 km of the large-gauge network, the inland waterways and their infrastructure need to be either modernised to ensure the reliability and the safety of the navigation or upgraded to accommodate larger vessels. Moreover, to improve the reliability, fluidity, service offer and safety of navigation, systems of remote control will be deployed on key infrastructures. Seine-Escaut tackles some major European, as well as regional and local, challenges: it encourages low-carbon transport to suit future economic and commercial needs and boosts territorial continuity for an area with more than 40 million inhabitants.

The project will be coordinated by the French Ministry for the Ecological Transition (MTE) and implemented by the waterway managing authorities Voies Navigables de France (VNF), De Vlaamse Waterweg nv (DVW) and the Service Public de Wallonie (SPW). In order to ensure a smooth coordination of the project, the Société du Canal Seine-Nord Europe is an associated partner.

The overarching coordination of the project is overviewed by the Inter-Governmental Commission (IGC) with the operational support of the Seine-Escaut European Economic Interest Grouping (EEIG).

SEINE-ESCAUT 2.1 is broken down into 9 work packages and links two countries: France and Belgium (the Walloon Region and the Flemish Region).

- Work Package 01 includes horizontal activities carried out together by the beneficiaries.
- Work Package 02 includes studies in France (Nord Pas De Calais network) to plan the upgrade of the Dunkerque-Scheldt axis, including the canal from Dunkerque to Valenciennes, the Escaut, and the Deûle towards the Belgian border, with the aim of gradually calibrating the canal to ECMT class Va (bidirectional) and class Vb (unidirectional), and improving the navigation conditions.
- Work Package 03 includes works in France (Nord Pas De Calais network) to make the navigation safer and more efficient on the Dunkerque-Scheldt axis through the calibration of the riverbanks, the deployment of remote control and the lengthening of the Quesnoy-Sur-Deûle lock from 110m to 144m (Class Va+) as well as to improve cross-border sections by upgrading section 1 of the Lys and finalising works on the Condé-Pommeroeul Canal.
- Work Package 04 includes studies in France (Seine Basin) to improve services to users on the Oise river through the building of new parking for dangerous convoys, to obtain the environmental authorisation to launch works on the Bray-Nogent section, to deploy remote control on the Upper Seine and the Lower Seine, to improve the reliability of infrastructure on the Upper Seine by refurbishing 3 locks and 2 dams and to refurbish up to 10 locks and 4 dams on the Lower Seine.
- Work Package 05 includes works in France (Seine Basin) to improve service to users through the building of infrastructure to users and the deployment of signalling system on the Oise river, the Upper Seine and the Lower Seine,

Project summary

Grant Preparation (General Information screen) — Provide an overall description of your project (including context and overall objectives, planned activities and main achievements, and expected results and impacts (on target groups, change procedures, capacities, innovation etc)). This summary should give readers a clear idea of what your project is about.

Use the project summary from your proposal.

to deploy remote control on the Oise river, the Upper Seine and Lower Seine, to upgrade under-bridge clearance on the Lower Seine and to refurbish or modernise locks, dams and waterways on the Upper Seine and the Lower Seine, and to improve the biodiversity on the Seine axis by creating a fishway on the Evry dam.

- Work Package 06 includes studies in Wallonia (Belgium) to support all tasks of the project and support the global project with communication and coordination operations, to prepare works to upgrade the Walloon Backbone, to increase the capacity and upgrade infrastructure on the Upper-Scheldt, to refurbish infrastructure on the Lys and to improve the reliability of infrastructure on the Seneffe-Antwerp section.

- Work Package 07 includes works in Wallonia (Belgium) to upgrade infrastructure to ECMT Class Va on the Nimy-Blaton-Péronnes canal, to improve crossing possibilities on the Sambre, to launch the deployment of remote control on the Lower Sambre and the Seneffe-Antwerp section and to secure infrastructure on the Seneffe-Antwerp section.

- Work Package 08 includes studies in Flanders (Belgium) to upgrade the Lys to ECMT Class Vb (unidirectional) and Va (bidirectional), to upgrade locks on the Upper-Scheldt, to improve connections to the maritime port of Zeebrugge, to calibrate the canal Roeselare-Lys, to remove bottlenecks on the canal Bossuit-Kortrijk and to refurbish infrastructure on the Seneffe-Antwerp section to ensure navigation of ECMT Class IV vessels.

- Work Package 09 includes works in Flanders (Belgium) to further upgrade the Lys to ECMT Class Vb (unidirectional) and Va (bidirectional), to launch the upgrade of the canal Roeselare-Lys (to ECMT class Va) and to build bridges on the Seneffe-Antwerp section, ensuring navigation of ECMT Class IV vessels.

The work packages will contribute to upgrading, modernising and refurbishing as needed the waterways of the Seine-Escaut network in order to make them more accessible and reliable for inland navigation, in particular for large-gauge vessels. They will also prepare subsequent phases required to complete the Seine-Escaut global project. When completed in 2030, Seine-Escaut will be the largest large-gauge river network in Europe.

LIST OF PARTICIPANTS**PARTICIPANTS**

Grant Preparation (Beneficiaries screen) — Enter the info.

Number	Role	Short name	Legal name	Country	PIC
1	COO	MTE	MINISTERE DE LA TRANSITION ECOLOGIQUE	FR	996384874
2	BEN	VNF	VOIES NAVIGABLES DE FRANCE	FR	950775377
3	BEN	SPW MI	SERVICE PUBLIC DE WALLONIE	BE	999811884
4	BEN	DVW	DE VLAAMSE WATERWEG	BE	911860529
5	AP	SCSNE	SOCIETE DU CANAL SEINE NORD EUROPE	FR	888502735

LIST OF WORK PACKAGES

Work packages <i>Grant Preparation (Work Packages screen) — Enter the info.</i>						
Work Package No	Work Package name	Lead Beneficiary	Effort (Person-Months)	Start Month	End Month	Deliverables
WP1	Coordination and communication activities	1 - MTE	0.00	25	60	D1.1 – WP1 - Interim Technical Reporting to CINEA 1 D1.2 – WP1 - Completion of the integrated management tasks of 2025 D1.3 – WP1 - EEIG Annual progress report 2023 D1.4 – WP1 - EEIG Annual progress report 2024
WP2	Studies in the Nord-Pas-De-Calais region	2 - VNF	0.00	13	72	D2.1 – T2.2 - Environmental authorisation for the calibration of the Sensée river D2.2 – T2.2 - ACT studies for the calibration of the Sensée river D2.3 – T2.3 - ACT studies and environmental authorisation (one per area to calibrate on the rest of the network) D2.4 – T2.4 - ACT studies and Environmental authorisation for all turning basins D2.5 – T2.4 - ACT study and authorisation for all waiting areas (up to 5) D2.6 – T2.4 - ACT study and authorisation for all lock garages (up to 8) D2.7 – T2.5 - Approved Preliminary studies for the lengthening of the locks on the Douai network D2.8 – T2.6 - PRO studies for doubling the Fontinette lock

Work packages <i>Grant Preparation (Work Packages screen) — Enter the info.</i>						
Work Package No	Work Package name	Lead Beneficiary	Effort (Person-Months)	Start Month	End Month	Deliverables
						D2.9 – T2.6 - Environmental authorisation to double up the Fontinette lock D2.10 – T2.7 - Preliminary studies for doubling/lengthening 3 locks on the Dunkerque-Cuinchy section D2.11 – T2.8 - Preliminary studies for doubling/lengthening 6 (or 9) locks on the Deule and Scheldt D2.12 – T2.9 - Approved PRO studies for the surface curve on the Fontinettes reach D2.13 – T2.10 - Approved preliminary studies to regenerate the downstream head of the Fontinettes lock
WP3	Works in the Nord-Pas-De-Calais region	2 - VNF	0.00	1	72	D3.1 – T3.1 - Commissioning of the remote control on the Bauvin-Dunkerque axis. Remote control is operational on all 20 locks of the Dunkerque-Scheldt axis D3.2 – T3.2 - The riverbanks have been calibrated on the Dunkerque-Scheldt axis D3.3 – T3.2 - The Quesnoy-sur-Deûle lock is lengthened up to 143 m and all main works have been completed D3.4 – T3.4 - The Condé-Pommerœul canal is fully landscaped D3.5 – T3.4 - All sediment disposal sites are dried out and landscaped D3.6 – T3.5 - Section 1 of the Lys Mitoyenne is deepened up to 4,50m
WP4	Studies on the Seine basin	2 - VNF	0.00	1	72	D4.1 – T4.2 - Parking convoys PRO studies

Work packages <i>Grant Preparation (Work Packages screen) — Enter the info.</i>						
Work Package No	Work Package name	Lead Beneficiary	Effort (Person-Months)	Start Month	End Month	Deliverables
						D4.2 – T4.3 - Remote control lower Seine PRO studies D4.3 – T4.4 - Refurbishment lock 1 at Notre Dame de la Garenne PRO studies D4.4 – T4.5 - Refurbishment Suresnes lock 3 PRO studies D4.5 – T4.6 - Suresnes dam (barrages à hausses) refurbishment AVP studies D4.6 – T4.7 - Méricourt dam refurbishment PRO studies completed D4.7 – T4.8 - Lock refurbishment PRO studies (1st lock site) D4.8 – T4.8 - Lock refurbishment PRO studies (2nd lock site) D4.9 – T4.8 - Lock refurbishment PRO studies (3rd lock site) D4.10 – T4.8 - Lock refurbishment PRO studies (4th lock site) D4.11 – T4.8 - Lock refurbishment PRO studies (5th lock site) D4.12 – T4.9 - Port-Mort dam treatment of the downstream erosion pit EP studies D4.13 – T3.10 - Reliability of the water line for the reach of Andresy-Denouval PRO studies D4.14 – T3.11 - PRO studies pertaining remote control upstream Seine D4.15 – T4.12 - Bray Nogent environmental authorisation D4.16 – T4.13 - PRO studies for Livon dam refurbishment

Work packages <i>Grant Preparation (Work Packages screen) — Enter the info.</i>						
Work Package No	Work Package name	Lead Beneficiary	Effort (Person-Months)	Start Month	End Month	Deliverables
						D4.17 – T4.14 - PRO studies pertaining to the refurbishment of the Evry main Lock D4.18 – T4.15 - PRO studies pertaining to the refurbishment of the Port à l'Anglais dam D4.19 – T4.16 - PRO studies for the upgrade of Ablon Lock D4.20 – T4.17 - Environmental authorisation request submitted for the refurbishment of the Vigneux Lock
WP5	Works on the Seine basin	2 - VNF	0.00	25	72	D5.1 – T5.1 - Remote control Oise works completed (3 locks equipped, all sites connected to optic fiber) D5.2 – T5.2 - Lower Seine remote control works completed (1 operational remote control center, 3 locks equipped, all sites connected to optic fiber) D5.3 – T5.3 - All works for user services completed D5.4 – T5.4 - Méricourt locks 1 and 2 refurbished D5.5 – T5.5 - New Amfreville overpass built and in service D5.6 – T5.6 - Port-Mort dam modernised D5.7 – T5.7 - Poses dam refurbished D5.8 – T5.8 - Suresnes gated dam (barrages à vannes) modernised D5.9 – T5.9 - Croissy dike refurbished D5.10 – T5.10 - Suresnes Lock 1, Chatoux

Work packages <i>Grant Preparation (Work Packages screen) — Enter the info.</i>						
Work Package No	Work Package name	Lead Beneficiary	Effort (Person-Months)	Start Month	End Month	Deliverables
						Lock, Andrésy Lock and Notre Dame de la Garenne Lock 3 and 4 refurbished D5.11 – T5.11 - Upstream Seine remote control works completed (1 operational remote control center and 5 locks equipped and all site connected to optic fiber) D5.12 – T5.12 - 2 boathouses refurbished to improve user services D5.13 – T5.13 - Beaulieu dam refurbished D5.14 – T5.14 - Champagne lock 2 refurbished D5.15 – T5.15 - Evry main Lock refurbished D5.16 – T5.16 - Port à l'Anglais dam refurbished D5.17 – T5.17 - Ablon lock deepened and possibly lengthened D5.18 – T5.18 - Evry fishway built and in service
WP6	Studies in Wallonia	3 - SPW MI	0.00	1	72	D6.1 – T6.2 - Final report of the updated Strategic Environmental Assessment D6.2 – T6.2 - Final report of the navigation and trajectography studies D6.3 – T6.3 - Final report of geotechnical studies for the Sambre section D6.4 – T6.3 - Technical specifications for the procurement of the works for a quay in Tertre D6.5 – T6.4 - Technical specifications

Work packages <i>Grant Preparation (Work Packages screen) — Enter the info.</i>						
Work Package No	Work Package name	Lead Beneficiary	Effort (Person-Months)	Start Month	End Month	Deliverables
						for the procurement of the works for the doubling of the locks of Hérinnes and Kain D6.6 – T6.5 - Technical specifications for the procurement of the works to upgrade the weir Comines D6.7 – T6.6 - Technical specifications for the procurement of the works for the upgrade of the Ittre site
WP7	Works in Wallonia	3 - SPW MI	0.00	1	72	D7.1 – T7.1 - Nimy-Blaton-Péronnes canal upgraded to ECMT class Va between Pommeroeul and Nimy D7.2 – T7.2 - Crossing area in Franière upgraded to ECMT Va class D7.3 – T7.2 - Turning basin in Franière upgraded to ECMT class Va D7.4 – T7.3 - Upgraded control equipment of 8 sites on the lower Sambre to prepare their remote control D7.5 – T7.3 - Four physically secured sites (out of to 8 sites) on the lower Sambre to prepare their remote control : Salzinnes, Floriffoux, Mornimont and Auvelais D7.6 – T7.5 - Fully functional and upgraded 1st caisson of the Ronquière Inclined plane
WP8	Studies in Flanders	4 - DVW	0.00	13	48	D8.1 – T8.2 - Masterplan of watersystem D8.2 – T8.2 - Economic evaluation tool Transport Bis D8.3 – T8.3 - Global studies Lys axis: ecosystem services survey available

Work packages <i>Grant Preparation (Work Packages screen) — Enter the info.</i>						
Work Package No	Work Package name	Lead Beneficiary	Effort (Person-Months)	Start Month	End Month	Deliverables
						D8.4 – T8.3 - Global studies Lys axis: traffic management model D8.5 – T8.4 - Project studies Lys axis: EIA calibration section 150 D8.6 – T8.4 - Project studies Lys axis: permit application / tender documents calibration works section 150 D8.7 – T8.5 - Reengineering existing locks Upper-Scheldt – permit application and procurement documents for reliability and capacity works D8.8 – T8.6 - PPP roadmap for the new locks Upper-Scheldt D8.9 – T8.8 - PPP roadmap for the new lock Dampoort Bruges D8.10 – T8.8 - Implementation plan upgrading canal Ghent-Ostend D8.11 – T8.8 - Permit application / tender documents for the reconstruction of the bridge Kruispoort I Bruges D8.12 – T8.9 - Implementation plan upgrade canal Roeselare-Lys D8.13 – T8.10 - Implementation plan upgrade canal Bossuit-Kortrijk D8.14 – T8.11 - Implementation plan modernisation Seneffe-Antwerp section
WP9	Works in Flanders	4 - DVW	0.00	1	69	D9.1 – T9.1 - Calibration works for zone A of section 140 completed D9.2 – T9.1 - Calibration works for zone B of section 140 completed

Work packages <i>Grant Preparation (Work Packages screen) — Enter the info.</i>						
Work Package No	Work Package name	Lead Beneficiary	Effort (Person-Months)	Start Month	End Month	Deliverables
						D9.3 – T9.2 - The cyclist bridge F422 Deinze is completed D9.4 – T9.3 - The embankments at the cyclist bridge in Menen are completed D9.5 – T9.4 - The Lysbridge in Ingelmunster is completed D9.6 – T9.5 - The upgrade of the quay Zuid at Izegem is completed D9.7 – T9.5 - The upgrade of the quay Vanden Avenne at Ooigem is completed D9.8 – T9.5 - The upgrade of the turning basin at Kachtem is completed D9.9 – T9.6 - The Zuid bridge in Halle is completed D9.10 – T9.6 - The Driefonteinen bridge in Sint-Pieters-Leeuw is completed

Work package WP1 – Coordination and communication activities

Work Package Number	WP1	Lead Beneficiary	1. MTE
Work Package Name	Coordination and communication activities		
Start Month	25	End Month	60

Objectives

The objective of the work package is to ensure the coordination and communication of the Seine-Escaut global project from 01/01/2023 to 31/12/2025.

This overarching coordination and communication work package is required by the cross-border dimension of the project with dedicated governance structures. Belgium (the regions of Flanders and Wallonia) and France closely cooperate within the framework of the Inter-Governmental Commission for the completion of the Seine – Escaut project which has the operational support of the Seine –Escaut European Economic Interest Grouping (Seine-Escaut EEIG) gathering Voies Navigables de France (VNF), the Société du Canal Seine-Nord Europe (SCSNE), the Service Public de Wallonie (SPW) and De Vlaamse Waterweg nv (DVW).

THE INTER-GOVERNMENTAL COMMISSION

Since 2009, the main governance authority for the Seine-Escaut link has been the Seine-Escaut intergovernmental commission (IGC) made up of the French, Walloon and Flemish governments. Its role is to monitor all the issues relating to preparing and implementing the large-gauge Seine-Escaut inland waterway link, including the following in particular:

- the coordination of the financing of the project, the coordination of the studies and the environmental procedures and the timelines for the completion of the different sections of the trans-border section, in accordance with the opening calendar of the different sections of the new inland waterway network.
- the conditions governing the standardisation of the prices practiced on the trans-border section, the study of the collection conditions, and the associated distribution of the toll revenues.
- the conditions for the standardisation of the management of the traffic on the trans-border section, using inland waterway information services in particular

In French law, the intergovernmental commission was established by an international agreement in the form of an exchange of letters between the Government of the French Republic, the Government of the Flemish Region of Belgium, and the Government of the Walloon Region of Belgium relating to the creation of an inter-governmental commission for the preparation and implementation of the Seine-Escaut project, signed in Paris on 10 March 2009, in Jambes on 7 April 2009 and in Willebroek on 17 April 2009. In France, this agreement was published by decree no. 2009-1355 of 2 November 2009.

The IGC meets at least quarterly.

THE SEINE-ESCAUT EUROPEAN ECONOMIC INTEREST GROUPING

The Seine-Escaut European Economic Interest Grouping (EEIG) was formed in April 2010. It brings together the waterway managing authorities Voies Navigables de France (VNF), the Société du Canal Seine Nord Europe, De Vlaamse Waterweg nv (DVW), and the Service Public de Wallonie (SPW). The work of the EEIG has allowed, in particular, for more in-depth socio-economic and pricing studies for the Seine-Escaut link. It contributes to preparations for meetings of the intergovernmental commission with regard to:

- Respecting the fundamental functional objectives of the link (continuity of Va/Vb class) and provisional activity schedules in view of the shared objective of commissioning the entire Seine-Escaut waterway link by 2030,
- coordinating schedules for study activities (environmental studies, administrative procedures) and works scheduled by the Seine-Escaut project,
- coordinating overall financing and monitoring the implementation of financing decisions granted by the European Union,
- the conditions for the standardisation of the management of the traffic using inland waterway information services in particular.

Description

This Work Package aims to conduct the global project management and dissemination activities from 01/01/2023 to 31/12/2025 in order to guarantee the successful implementation of the Project in compliance with the defined budget,

schedule, and scope, as well as disseminating the common results and give adequate visibility to the EU financing. In addition, the WP aims to coordinate the consortium through two specific structures: the Seine-Escaut intergovernmental commission (IGC) and the Seine-Escaut European economic interest grouping (EEIG). The Work Package will be led by the French Ministry for ecological transition (MTE) and will be carried out by all beneficiaries as well as the Société du Canal Seine-Nord Europe (SCSNE) as Associated Partner.

The Work Package includes three tasks

TASK 01.01: COORDINATION OF THE GLOBAL PROJECT CONSORTIUM AND REPORTING

The Task covers all activities necessary to ensure a smooth and robust coordination of the cross-border Seine Escaut global project. It includes especially the following:

IGC Activities

The IGC especially monitors all the issues relating to preparing and implementing the cross-border Seine-Escaut global project, including the following in particular:

The coordination of the financing of the project, the coordination of the studies and the environmental procedures, and the timelines for the completion of the different sections of the trans-border section, in accordance with the calendar of the Project.

The IGC meets at least quarterly. In accordance with the 2019 EC Implementing decision, the European Coordinator for the North Sea –Mediterranean Core Network Corridor and a representative of the Commission shall be invited to participate as observers in the meetings of the Intergovernmental Commission at least biannually.

EEIG activities

The EEIG contributes, in particular, to preparations for meetings of the inter-governmental commission with regard to:

- coordinating schedules for studies and works
- coordinating and monitoring the implementation of the Grant Agreement

The EEIG meets monthly. In accordance with the 2019 EC Implementing decision, the European Coordinator for the North Sea –Mediterranean Core Network Corridor and a representative of the Commission shall be invited to participate as observers in the meetings of the EEIG at least three times a year.

Day-to-day coordination of the consortium:

- Ensure the overall project management and coordination among participants to implement the Grant Agreement smoothly
- Ensure a smooth and regular communication with the responsible project team at CINEA
- Oversee risk management

Technical and financial reporting to CINEA

- Ensure the technical reporting in line with the CEF grant agreement.
- Ensure the financial reporting in line with the CEF Grant Agreement
- Ensure the financial management of the CEF grant within the project consortium.

Audit procedures:

- ensure internal and external audit procedures in line with the procedures of the Grant Agreement.

TASK 01.02: COMMUNICATION AND DISSEMINATION

The Task aims to carry out all communication and dissemination activities undertaken by the IGC and the EEIG. The objectives are the following:

- Promote the benefit of the global project.
- Give visibility to the EU funding.
- Ensure a wide acceptance of the global project among the stakeholders
- Disseminate the results of the global project in relevant national and EU conferences and events and publish regular updates on the advancement of the project on the participants' websites.

TASK 01.03: INTERFACE BETWEEN VNF AND THE SCSNE

The Task aims to ensure the technical, financial, and legal interfaces with the Société du Canal Seine-Nord Europe (SCSNE), in particular through the set of agreements elaborated to ensure the cooperation between Voies Navigables de France (the future Canal SNE infrastructure manager) and SCSNE (the construction project company).

Work package WP2 – Studies in the Nord-Pas-De-Calais region

Work Package Number	WP2	Lead Beneficiary	2. VNF
Work Package Name	Studies in the Nord-Pas-De-Calais region		
Start Month	13	End Month	72

Objectives

Following the future opening of the Canal Seine-Nord Europe and significant upgrades of the inland waterway network across the border in Belgium, the traffic and size of vessels are expected to grow considerably on the Nord-Pas de Calais (NPDC) high-gauge network in the coming years. The NPDC high-gauge network contains 240km of waterways, 19 locks (3 sites with two locks), 1 lock connecting the Dunkerque-Scheldt network to the canal du Nord to be equipped with remote control, bridges with an under clearance of 5m25 and a draught of 3.5 m. The network is classified as ECMT Class Va accommodating for vessels carrying between 1500 and 3000 tonnes but actually presents a number of problems with regard to the safe and smooth navigation of Class Va vessels in both directions or Class Vb (one direction at a time). The navigation of Class Vb vessels is currently not possible due to the length of locks which is limited to 144m (compatible with Va+ vessels). In this general context, investments are planned in the short, medium and longer term as part of the global cross-border Seine Escaut project for the gradual adaptation of the network according to the hierarchy of needs and identification of the most beneficial solutions. The objective is to prepare the NPDC network to the general boost in traffic and increased share of bigger vessels, including at a certain stage pushed convoys (Vb). The investments are in line with Implementing Decision 2019/1118 (art. 2, measure e).

This work package addresses three specific areas of intervention as follows:

I. Improving the accessibility of the network to vessels (tasks 2.2, 2.3 and 2.9):

Tasks build on a set of exploratory studies carried out in the scope of SEINE-ESCAUT 2020 (activity 5f).

II. Improving the interface equipment (tasks 2.4):

The Task concerns the creation or adaptation of infrastructure and equipment such as turning basins, parking areas and lock garages which are needed for the safety of waterway users and for optimal travel planning and management. Under SEINE-ESCAUT 2020 (activity 5f), the following were achieved:

- Master Plans covering the 240 km of the Nord-Pas-de-Calais high-gauge network have been elaborated, on turning basins, lock garages and waiting zones which identified areas where they would be required in the short, medium and long term;

- Preliminary studies for a turning basin in the Valenciennes area (Scheldt river).

III. Increasing the capacity and the reliability of locks (tasks 2.5, 2.6, 2.7, 2.8 and 2.10) in order to ensure their availability as well as the fluidity of traffic (minimising waiting times):

Most of the 16 lock sites of the network have only one lock with a length of 144 metres. This limits capacity and presents a high risk for the continuity of navigation. Depending on the physical and traffic characteristics of the sites, a decision on the investment must be made consisting in either lengthening or doubling the sites, or both, and possibly in several implementation stages. Exploratory studies have been carried out under SEINE-ESCAUT 2020 (activity 5e) including trajectory, traffic, socio-economic, feasibility studies to develop a strategy and identify the locks for which capacity investments are most critical in the short term. These are being addressed in Tasks 2.5 (Douai locks), 2.6 (Fontinettes), 2.7 (Cuinchy) and 2.8 (locks on Deule and Scheldt). Task 2.10 concerns the reliability of the Fontinettes lock. In the specific case of Fontinettes (task 2.6), preliminary studies have already been produced under SEINE-ESCAUT 2020.

Description

The Work Package aims to carry out studies to plan the upgrade of the Dunkerque – Scheldt axis, including the canal from Dunkerque to Valenciennes, the Escaut, and the Deûle towards the Belgian border, with the aim of gradually calibrating the canal to ECMT class Va (bidirectional) and class Vb (unidirectional), and improving the navigation conditions. The objective is to meet the expected traffic increase on the Nord-Pas-de-Calais (NPDC) waterway network and to standardize its capacities.

The work package contains 10 tasks:

TASK 2.1 – PROJECT MANAGEMENT AND COMMUNICATION concerns the management, coordination and communication on all tasks in WP2 and WP3 from 01/01/2023 to 31/12/2026.

TASK 2.2 – STUDIES FOR THE CALIBRATION OF THE SENSÉE RIVER

The Sensée river from Bouchain (PK 0.4) to Arleux (PK 14.7) will be the gateway from/to the Canal Seine-Nord Europe, connecting it to the Scheldt in one direction, and to the Deule in the other direction. Once the canal will be operational, traffic will increase significantly on the Sensee river and will face bottlenecks in specific sections where (i) the crossing of class Va and Va+ vessels and (ii) the navigation of class Vb vessels (one direction at a time) will not be possible. The task therefore aims to tackle the problematic areas by planning calibration works.

The task foresees preliminary, design (AVP/PRO) studies, the works contract award phase (ACT) and regulatory studies for all the sections to be calibrated.

At the end of the project, the works tender procedure will be completed for the foreseen calibration works on the Sensée river.

TASK 2.3 – OTHER STUDIES FOR THE CALIBRATION PLAN

As it is the case for the Sensée river (Task 2.2), other areas on the Nord-Pas de Calais high-gauge network have been identified where navigation will be difficult for class Va, Va+ and Vb vessels, causing bottlenecks to form and traffic to be hindered. This task foresees preliminary, design (AVP/PRO) studies, the works contract award phase (ACT) and regulatory studies for some of the areas to calibrate.

TASK 2.4 – OPERATIONAL STUDIES ON TURNING BASINS, LOCK GARAGES AND WAITING ZONES

Task 2.4 foresees:

- Technical/design (EP, AVP, PRO) studies, the works contract award phase (ACT) and regulatory studies for up to 4 turning basins, two of these will be located in the Valenciennes area and in Béthune. In the specific case of the Valenciennes area, studies start at the AVP phase.

- Technical/design (EP, AVP, PRO) studies, the works contract award phase (ACT) and regulatory studies for up to 5 waiting areas and up to 8 lock garages (including at the locks of Cuinchy, Grand Carré and Pont Malin). In the specific case of Cuinchy and Grand Carré lock garages, studies start at the AVP phase (the preliminary study has already been conducted under Seine-Escaut 2020).

TASK 2.5 – LENGTHENING OF THE LOCKS ON THE DOUAI NETWORK STUDIES

This task foresees a programme and a first level of preliminary studies on the lengthening of locks at 3 sites: Goeulzin, Courchelettes and Douai located on the Sensée and Scarpe canals. Each site currently consists of two locks (144 m and 92 m long). These studies will determine the different options, their feasibility and costs as well as special measures to foresee. They will contribute to defining the investment priorities for these locks.

TASK 2.6 – DOUBLING THE FONTINETTES LOCK

This lock is located on the canal of Neufossé, on the Dunkerque-Cuinchy section which allow the passage of vessels with a gauge of 3000 t to/from the Grand Port Maritime of Dunkerque from/to other main sections of the NPDC network. This lock requires priority intervention due to both its very long lockage duration (with a drop of 13,13m) and dysfunctionality risks. To guarantee the reliability of the lock and reasonable waiting times, a second lock will be built at the site.

The Task aims to complete design (AVP, PRO), environmental and regulatory studies, and the works contract award phase (ACT). The task will lead to the issuance of the environmental authorisation.

TASK 2.7 – DOUBLING/LENGTHENING OTHER DUNKERQUE - CUINCHY LOCKS

On the same Dunkerque-Cuinchy section as referred to above under Task 2.6, three other locks are located at Cuinchy, Flandres and Holque-Watten and require a capacity upgrade. In particular, Cuinchy lock where traffic is expected to be extremely high. The task aims to complete a first level of preliminary studies (EP) aiming to specify the feasibility, the development scenarios, their financial evaluation and the conservation measures to be planned, in order to contribute to the definition of the priorities of intervention on the locks on the Dunkerque- Cuinchy axis.

TASK 2.8 - DOUBLING/LENGTHENING LOCKS ON THE DEULE and SCHELDT

This task aims to undertake programme and a first level of preliminary studies (EP) for a capacity upgrade of 9 locks, three of which are located on the Deule waterway (Don, Grand Carré, Quesnoy sur Deûle) and the other six are on the Scheldt (Pont Malin, Denain, Trith Saint Leger, Valenciennes, Bruay sur Escaut, Fresnes sur Escaut). The preliminary studies (EP) aim to specify the feasibility, the development scenarios, their financial evaluation and the conservation measures to be planned, in order to contribute to the definition of the priorities of intervention on the locks on the Dunkerque-Cuinchy axis.

TASK 2.9 – MAKING THE SURFACE CURVE MORE MANAGEABLE ON THE FONTINETTES REACH

The Task aims to carry out preliminary, regulatory and design studies (EP, AVP, PRO) are foreseen in order to upgrade the Fontinettes reach. This involves both improving the hydraulic operation of the current lock currently limited by the Batavia buffer basin, and simplifying managing the downstream reach, its short length and the strong fall of the lock which induces waves of intumescence. The Task pursues Activity 5.e) of SEINE-ESCAUT 2020 which covered feasibility studies.

TASK 2.10 – RELIABILITY OF THE FONTINETTES LOCK

In parallel to tasks 2.6 and 2.9 which also address the Fontinettes lock, this task aims to improve the reliability of the lock. The main issues concern the civil engineering of the downstream lock head which presents instability likely to affect the operation of the structure. Exploratory studies have been conducted under SEINE-ESCAUT 2020 (activity 5e) and on this basis Task 2.10 will conduct feasibility and preliminary studies (EP) necessary to confirm the feasibility of the proposed solution, its costs and its impact on the operation of the service axis of the Port of Dunkerque.

Work package WP3 – Works in the Nord-Pas-De-Calais region

Work Package Number	WP3	Lead Beneficiary	2. VNF
Work Package Name	Works in the Nord-Pas-De-Calais region		
Start Month	1	End Month	72

Objectives

Work Package 3 aims to increase the capacity and improve the navigation conditions of the Nord-Pas-de-Calais (NPDC) waterway network which includes several waterways and cross-border links: the canal from Dunkerque to Valenciennes, the Scheldt, and the Deûle towards the Belgian border. This is necessary in the context of the global project Seine-Escaut in order to meet the expected increase in traffic on the Nord-Pas-de-Calais network and to standardise its capacity.

Works will make the navigation safer and more efficient on the Dunkerque-Scheldt axis through the calibration of the riverbanks, the deployment of remote control and the lengthening of the Quesnoy-Sur-Deûle lock from 110m to 144m (Class Va+).

Works are foreseen on two cross-border links: the Lys Mitoyenne and the Condé-Pommerœul canal –connecting the French network to the Belgian inland waterway network. Works on the Lys will upgrade Section 1 to allow navigation of ECMT Va/Vb vessels (in line with the rest of the Lys). Works on the Condé-Pommerœul canal will be continued under this Action in order to meet all the environmental requirements, following its re-opening in the scope of CEF Action 2014-EU-TM-0373-M.

Description

Works foreseen in this work package have been planned or started under CEF Action 2014-EU-TM-0373-M (SEINE-ESCAUT 2020). They are therefore not dependant on technical studies of work package 2 but are all managed and monitored under task 2.1.

Work package 3 contributes to the gradual adaptation of the Nord-Pas de Calais high-gauge network in the context of the global Seine Scheldt project.

It contains 5 tasks:

TASK 3.1- WORKS ON THE DUNKERQUE – SCHELDT AXIS : REMOTE CONTROL OF THE LOCKS

The Task aims to establish the remote control of all the locks of the Dunkerque – Scheldt axis, in total 20. Dunkerque-Scheldt axis connects port of Dunkerque with the Scheldt and the Walloon backbone, it also includes the Deule towards Gent. This will enable the waterway manager to remotely control, maintain the locks and operate the waterway (traffic management, water level management) and to open the locks for traffic for a longer period during the day and eventually on a 24/7 basis.

To achieve this objective, a new organization of operation and maintenance based on the deployment of technical tools (automation systems, interfaces) and a new working environment (establishment of 2 Remote Control Centers in Waziers and Valenciennes) will be implemented. Each site will be able to operate all of the following infrastructure:

- locks on the Dunkerque Scheldt large gauge network (19 locks) and 1 intermediate gauge lock (Canal du Nord junction at Palluel, which allows access to the port of Marquion);
- future canal Seine-Nord Europe infrastructure in Nord Pas De Calais which includes 5 large gauge locks, 1 intermediate gauge lock (Canal du Nord junction), 1 canal bridge and the Houlette stocking basin.

Both remote control centers (Waziers and Valenciennes) will be interconnected and operated simultaneously, under the direction of a unique chief operator located in Waziers. This site redundancy will thus prevent service interruptions that may result from a various set of dysfunctions (such as power loss of a site, communication loss, major deterioration of a remote control center).

This task builds on studies and works carried out under SEINE-ESCAUT 2020. Works included the construction of the Waziers remote control centre and the deployment of all communication networks.

In order to implement remote control on the Dunkerque – Scheldt, the following works will include:

- deployment of digital systems
- deployment of automation systems
- installation of technical equipment on the locks
- installation of human/machine interfaces on the locks
- development and equipment of 2 Remote Control Centers (Waziers and Valenciennes) already built under previous phases of the global project.

At the end of the project, remote control of the locks will be operational on the Dunkerque – Scheldt axis.

TASK 3.2- WORKS ON THE DUNKERQUE – SCHELDT AXIS : CALIBRATION OF THE RIVERBANKS

The Task aims to rebuild approximately 5,9 km of deteriorated river banks to ensure safe and secure navigation for Va/Vb vessels at the following locations:

- on the Scheldt at Trith Saint Léger
- on the Deûle at Courrières, Les Ansereuilles and Pont à Vendin;
- on the Canal d'Aire at Douvrin, Isbergues, Montbernanchon and Beuvry;
- on the Canal de Neufossé at Racquinghem.

TASK 3.3- WORKS ON THE DUNKERQUE – SCHELDT AXIS : LENGTHENING OF QUESNOY-SUR-DEULE LOCK

The Task aims to remove a bottleneck on the Deule near the Belgian border by lengthening the lock of Quesnoy sur Deûle from 110 m to 144m which is the current standard length of all locks on the Nord Pas-de-Calais large-gauge network accommodating the passage of Va+ vessels. These works represent a first stage in investments to increase capacity at this lock, further works are under study in Task 2.7.

Task 3.3 builds on preparatory works and testing, as well as on a first phase of works including the riverbank defences around the lock, the construction of the lock garages and the associated environmental measures implemented under Activity 13.c) of SEINE-ESCAUT 2020.

The main works for the lengthening of the lock to be carried out in this task include :

- Lengthening of the lock chamber (temporary infrastructure, foundations, guiding boom, civil engineering, automation equipment, gate locks)
- Building of the fish pass
- Modernisation of the lock buildings
- Modernisation of the pumping station
- Completion of the central median
- Building of the access way.

At the end of the project, all works to lengthen the lock and ensure the continuity of water for fish with the construction of a fish pass will be completed.

TASK 3.4- WORKS ON THE CONDE-POMMEROEUL CANAL

The 6 km Condé-Pommerœul cross-border canal was closed to navigation in 1992 due to rapid silting phenomena. The main works for its reopening in ECMT Va were carried out under Activity 13.b and 10.f of SEINE-ESCAUT 2020 on the French and Belgian sides of the border. The Condé-Pommerœul provides an additional connection to the Belgian waterway and in particular a short-cut to the Walloon backbone by linking the Scheldt in France directly to the Canal du Centre in Belgium, thus without having to go through the Nimy-Blaton-Peronne canal and shortening the distance by 29 km (from 40 to 11 km) and navigation time by 12 hours.

This operation requires very significant environmental measures to protect biodiversity and create extensive humid areas (30ha).

Task 3.4 aims to carry out all the remaining works required by the DUP, the environmental authorizations for the canal re-opening and the ICPE authorizations for the sediment and land management sites, they include:

- ecological landscaping,
- green corridors for fauna,
- pedestrian and cycling lanes
- finalization of river banks development, dredging works and the management of dredged and excavated material on the authorized management sites.
- the coverage and final development of the sediment and land management sites according to the prescriptions of the authorisations

At the end of the project, all works required as part of the canal reopening will be completed and all environmental compensatory measures will be complied with: the canal area and disposal sites will be fully landscaped.

TASK 3.5- WORKS ON THE LYS: LYS MITOYENNE SECTION 1 DREDGING

The development of the cross-border Lys between Deulémont in France and Menin in Belgium is implemented in the frame of an international agreement between France and Belgium. Its target is to allow navigation of Class Va (two-way) and Vb (one-way) vessels with 3 layers of containers on the Lys. Under this agreement, Voies Navigables de France develops Section 1 between Deulémont and Comines lock.

Phase 1 of the recalibration works foreseen in Section 1 have been carried out under Activity 6 of SEINE-ESCAUT 2020 and included the bank protection and waterway widening works at Deulémont (over approximately 5.6km).

Task 3.5 aims to carry out the remaining works on Section 1 which include:

- dredging to achieve 4.50m depth and 34 m width along 6 km
- The recovery of sediments and excavated soil, in particular the development of inert soil management sites in Deulémont and the operation of the Wambrechies transit site.
- all the necessary environmental compensatory measures

At the end of the project, Section 1 of the cross-border Lys will be navigable in class Va and Vb, as foreseen for the entire Lys mitoyenne (17km).

Work package WP4 – Studies on the Seine basin

Work Package Number	WP4	Lead Beneficiary	2. VNF
Work Package Name	Studies on the Seine basin		
Start Month	1	End Month	72

Objectives

In the scope of the Seine-Escaut global project, the Seine Basin covers the Upper Seine from Nogent-sur-Seine to Conflans, the Lower Seine from Conflans to Le Havre and the Oise river which connects the Seine to the canal Seine Nord Europe.

I. Oise River

The Oise river connects the future canal Seine Nord Europe at Compiègne to the Seine at Conflans-Ste-Honorine (90 km). Between Compiègne (SNCF bridge) and the lock of Creil, the Oise river has a depth of only 3m insufficient to allow the passage of class Vb vessels. Seine Escaut global project therefore aims to deepen this 42 km section of the

Oise to 4-m as part of MAGEO (Mise au gabarit européen de l'Oise). This development is a key step in ensuring the continuity of navigation between the Seine and the Scheldt basins as part of the global project.

The Work Package addresses specifically the following objective:

Improving services to users through the building of new parking for dangerous convoys in Task 4.2.

II. Upper Seine (entire section)

The Upper Seine from Nogent-sur-Seine to Conflans has a linear of ca. 180km. The 2021 socio-economic analysis estimates that traffic is due to increase by 28%, which represents additional traffic of 2,6 bn tkm by 2035. The Upper Seine consists in two sections:

1) Nogent-sur-Seine to Bray-sur-Seine ("Petite Seine")

While river traffic on the large-gauge Seine has been growing strongly over the past ten years, the development of river traffic has been slowed down on this part of the Upper Seine. By upgrading the 28.5 km from Nogent sur Seine to Bray from ECMT Class III to ECMT Class Va, the global project will ensure continuity of the navigation Seine axis for boats of 2,500 tons, from the ports of Le Havre and Rouen to Nogent-sur-Seine. By 2050, it is expected that traffic will increase from 1,9 m t in 2014 to 6 m t in 2060. Under SEINE-ESCAUT 2020, the PRO studies were carried out and the Declaration of Public Utility (DUP) was obtained.

Task 4.12 aims to undertake the environmental studies to obtain environmental authorisation.

2) Bray to Conflans-Sainte-Honorine (Large gauge Upper Seine)

The Upper Seine from Bray to Conflans-Sainte-Honorine enables navigation of ECMT Class Vb (Va in Paris). But most of infrastructure on the section is old and requires heavy investment, some of it urgent where infrastructure is at risk of collapsing. The objective of the global project is to ensure reliability and safety of navigation by refurbishing, modernising, upgrading and building infrastructure as needed along the Upper Seine. Moreover, in order to improve the level of service for 24/7 access and to improve services to users, the deployment of a remote control system of all equipment (locks and dams) on the Upper Seine is necessary. Ultimately, the remote control system will be deployed on all sections of the Seine Basin (Oise, Upper Seine and Lower Seine) and will be managed jointly.

Task 4.11 aims to deploy remote control on the Upper Seine whereas Tasks 4.13 to 4.17 aim to improve the reliability of infrastructure on the Upper Seine by refurbishing locks (Evry, Ablon and Vigneux) and dams (Livon, Port à l'Anglais)

III. Lower Seine from Conflans-Sainte-Honorine to Rouen

The Lower Seine (ca. 206 km) connects the Upper Seine, the Marne and the Oise to the international maritime ports of Rouen and Le Havre with ECMT Class Vb. Therefore it is a gateway for international trade for the entire Seine Basin economic area. In 2020, 14,9 m t were transported on the Lower Seine. The Cost-Benefit Analysis estimates that traffic on the Lower Seine will increase by 6,4 m t by 2070 in the context of the completion of the project.

This requires ensuring reliability and safety of waterways. Indeed, some infrastructures are old and require heavy investments. Moreover, in order to improve the level of service for 24/7 access, the deployment of a remote control system of all equipment (locks and dams) on the Lower Seine is necessary. Ultimately, the remote control system will be deployed on all section of the Seine Basin (Oise, Upper Seine and Lower Seine) and will be managed jointly.

Task 4.3 aims to implement remote control on the Lower Seine while Tasks 4.4 to 4.10 aim to refurbish up to 10 locks and 4 dams.

Description

Work package 4 consists in 17 tasks covering studies and includes:

TASK 4.1 : PROJECT MANAGEMENT & COMMUNICATION

This task concerns (i) the management, coordination and dissemination of all tasks in WP4 and WP5; (ii) the supervision of studies and works including review and validation of all deliverables. The task will be implemented from 01/01/2023 to 31/12/2026.

TASK 4.2 – STUDIES ON THE OISE : PARKING OF CONVOYS

The task aims to undertake studies to prepare works for the creation a of a parking area dedicated to dangerous convoys on each end of the MAGEO route (Creil to Compiègne), along which they cannot stop. These parking areas will be necessary in the context of the MAGEO project and the commissioning of the Canal Seine Nord Europe.

The task involves all the necessary technical studies to start works including preliminary design studies (EP), design studies (AVP), project studies (PRO), assistance to the project management and regulatory studies, where applicable. The Task will allow works to start in subsequent phases, contributing to the objective of upgrading the Oise river from ECMT class Va to ECMT class Vb in the scope of MAGEO.

TASK 4.3 – STUDIES ON LOWER SEINE : remote control

The Task aims to carry out project (PRO) and regulatory studies to prepare the works for the implementation of the installation of a remote-control system on locks along the entire course of the Lower Seine and the centralisation of the water surface curve management. The Task will prepare all documentation necessary ie PRO studies on the locks, dams and remote control centers to start the works in current and subsequent phases. This means:

- One PRO study per remote control center (Notre-Dame-de-la-Garenne and Andrésey) and
- A PRO study for each dam and lock of the Lower Seine as needed.

The Task pursues Activity 7.f) of SEINE-ESCAUT 2020 under which preliminary design (EP) and design studies (AVP) will be completed for some locks and dams. In the scope of the SEINE-ESCAUT global project, the entire network of the Seine Basin will be equipped with remote control.

TASK 4.4 – STUDIES ON LOWER SEINE : REFURBISHMENT OF LOCK 1 AT NOTRE DAME DE LA GARENNE

There are four locks at Notre Dame de la Garenne (NDLG): locks 3 and 4 are 185m-long and enable navigation of ECMT Class Vb vessels; lock 1 is 141 m long and 17 m wide (12 m at gates level) and is located along the shore; lock 2 is 53.4m x 8m.

In order to cope with the increasing traffic demand, it is necessary to refurbish lock nr 1 of Notre Dame de la Garenne (NDLG) in order to guarantee its reliability over the coming years. Works will concern replacing the doors and their equipment, modernising the water supply valves, rehabilitating civil engineering, automating maneuvering and modernising the control booth.

The Task aims to carry out the studies required to prepare all documentation necessary to launch these works including: design studies (AVP), project studies (PRO), assistance to the project management and regulatory studies.

Preliminary design (EP) studies have been carried out in Activity 7.d) of SEINE-ESCAUT 2020.

TASK 4.5 – STUDIES ON LOWER SEINE : Refurbishment of lock 3 at Suresnes

This task aims to carry out studies necessary to prepare works including design studies (AVP), project studies (PRO), assistance for tendering (ACT) and environmental studies in order to refurbish the civil engineering of Lock 3 at Suresnes as well as the river bank. Works are necessary to ensure reliability of navigation and safety for the users in the context of the upcoming augmentation of the traffic. Suresnes Lock 3 is 185 m long, 18 m wide and 5 m deep and enable navigation of ECMT Class Vb vessels. The Task will result in all documentation necessary to launch works.

TASK 4.6 – STUDIES ON LOWER SEINE : Refurbishment (reconstruction) of the Suresnes fusegate dam (barrage à hausses)

The Task aims to carry out preliminary design and diagnostics (EP and DIAG) and design (AVP) studies to prepare the reconstruction of the old fusegate dam of Suresnes. Project (PRO) and regulatory, if necessary, studies and works will be carried out in subsequent phases. The fusegate dam is one of the two dams at Suresnes. The Task will contribute to the reliability of navigation conditions on the lower Seine where 7 dams are to be refurbished or modernised in the scope of the global project. Under Activity 7. G) of SEINE-ESCAUT 2020 studies have been carried out on the gate dam of Suresnes (barrage à vannes) as well as on 5 other dams on the lower Seine. The Task will result in the identification of the best technical solution and a provisional planning and cost estimation to confirm the necessity and capacity to launch works.

TASK 4.7 – STUDIES ON LOWER SEINE : Refurbishment of the Méricourt dam

The Task aims to carry out project studies (PRO) to prepare the works for the refurbishment of the Méricourt dam. The Task pursues Activity 7. g) of SEINE-ESCAUT 2020 under which preliminary studies (EP) and design (AVP) were foreseen. The Task will ensure the reliability and safety of navigation on the Seine by making the dam fit for the future. The Task will also contribute to improve environmental conditions on the Seine Basin and to comply with the Water Law requirements.

TASK 4.8 – STUDIES ON LOWER SEINE: Refurbishment of locks on the lower Seine

The Task aims to carry out studies before works to refurbish locks on the lower Seine. The objective is to ensure the safety and reliability of the navigation. The Task will cover studies on one site per year (Locks 1 and 2 at Suresnes; Lock at Chatou; Locks 1 and 2 at Andrésy; Locks 3 and 4 at Notre Dame de la Garenne; main Lock at Amfreville). It will result in all documentation necessary to launch the works. Works are necessary due to the age of the locks. Despite regular and sound maintenance by VNF, locks deteriorate due to environmental conditions and operations. The Task will ensure the long-term resilience of the infrastructure. The Task is complementary to studies and works to ensure the in-depth refurbishment of locks under SEINE-ESCAUT 2020 as well as to tasks 4.4 and 4.5 for the in-depth refurbishment of NDLG locks 1&2 and Suresnes lock 3.

TASK 4.9 – STUDIES ON LOWER SEINE: Refurbishment of the downstream erosion pit in the Port-Mort dam

The Task aims to carry out preliminary design (EP) design (AVP) and project (PRO) studies necessary to prepare subsequent studies and works for the refurbishment of the downstream erosion pit of the Port-Mort Dam, which currently represents a risk for navigation, especially in periods of floods. Urgent works have been carried out on the downstream and upstream pits in 2019-2020 but these were insufficient, the downstream pit requires an in-depth refurbishment.

TASK 4.10 – STUDIES ON LOWER SEINE: Reliability of the water line for the reach of Andrésy- Denouval

The reach is held by two dams at Andrésy and Denouval. The latter dam is in very poor condition and poses a risk for the water line in this section. The task aims to make a precise diagnosis of the state of Denouval dam and to determine the necessary intervention. The following studies will be carried out to launch the necessary works: preliminary studies (EP), design (AVP) and project (PRO) studies.

TASK 4.11 – STUDIES ON THE UPPER SEINE: Deployment of the remote control on the Upstream Seine

The overall objective is to deploy remote control on locks and dams along the entire course of the Upper Seine. This Task will prepare all documentation necessary to start the remote control deployment works in subsequent phases for:

- Joinville control center and
- 6 locks and 3 dams located at 3 sites (Port à l'Anglais, Evry et Ablon-Vigneux).

Under SEINE-ESCAUT 2020 14(e), studies for remote control of the other 5 sites out of 8 sites have already been carried out (9 locks and 5 dams at Coudray, Vives-Eaux, La Cave, Champagne, Varennes and the remote control centre at Vives-Eaux).

As a result, the studies for the deployment of remote control on the whole Upper Seine will be completed.

TASK 4.12 – STUDIES ON THE UPPER SEINE: Bray-Nogent regulatory studies

The Task concerns the upgrade of a 27km section of the Petite Seine between Bray-sur-Seine and Nogent-sur-Seine (from class III to Va, 2500T). It aims to carry out all environmental and hydraulic studies required to request environmental authorisations for the works. The Task pursues Activity 14. A) of SEINE-ESCAUT 2020 under which the Declaration of Public Authority was obtained and project studies (PRO) will be completed. The Task will result in the authorisation to carry out the works.

TASK 4.13 – STUDIES ON THE UPPER SEINE: Refurbishment (reconstruction) of the Livon dam

The Livon dam is old, hand operated and requires reconstruction to prevent potential failure and the interruption of navigation.

The Task aims to carry out all environmental, hydraulic and project (PRO) studies necessary to obtain the administrative authorisation for the reconstruction and automation on the manual dam of Livon.

The Task pursues Activity 14. B) of SEINE-ESCAUT 2020 under which preliminary (EP) and design (AVP) studies will be completed. The Task contributes to the objective of improving navigation conditions on the upper Seine through the modernisation or refurbishment of ageing infrastructure (locks and dams). This will ensure a more reliable service of locks and management of the surface curve and lower the risk of stopping navigation on this navigation route.

TASK 4.14 – STUDIES ON THE UPPER SEINE: Refurbishment of the Evry main lock

The Task concerns the refurbishment of Evry Lock 1 which is 180 m long, 16 m wide and 3,20 m deep (ECMT Class

Va) and is used by 13,000 vessels per year transporting 7 m tonnes of freight. The Task aims to carry out additional technical studies as well as the (AVP and PRO) design studies to prepare refurbishment works on the airlock and the downstream banks on the left side.

The Task will result in all documentation necessary to launch the works.

The refurbishment of Evry's secondary lock (145 m long, 16 m wide and 3,20 m deep) was foreseen under SEINE-ESCAUT 2020.

TASK 4.15 – STUDIES ON THE UPPER SEINE: Refurbishment of the Port à l'Anglais dam

The Task aims to carry out design (AVP) and project (PRO) studies necessary to prepare the required documentation to launch the refurbishment works at the Port à l'Anglais dam covered by Task 5.16. These works contribute to improving the navigability conditions on the Upper Seine through the modernisation or refurbishment of ageing infrastructure (locks and dams). This will ensure a more reliable service of locks and management of the surface curve and lower the risk of stopping navigation on this navigation route.

TASK 4.16 – STUDIES ON THE UPPER SEINE: Upgrade of the Ablon Lock

The task aims to plan the works for upgrading the Ablon lock from 172m x 12,6m x 2.20m to 180m x 16m x 3.20 so as to accommodate class Va vessels. The upgraded lock will ensure the continuity of navigation at this site should the other (Vigneux, class Va) lock fail or need maintenance. The Task includes preliminary (EP), design (AVP), project (PRO) and tender (ACT) studies. The Task will result in all documentation required to launch works (partly or fully covered by Task 5.17).

TASK 4.17 – STUDIES ON THE UPPER SEINE: Refurbishment of the Vigneux lock

The Task aims to carry out design (AVP), project (PRO) and environmental studies for the refurbishment of the Vigneux lock which faces a short-term risk of collapse despite regular maintenance and needs to be refurbished soon after the end of works at Ablon (foreseen in Task 5.17) in a subsequent phase of the global project. Works will be implemented in subsequent phases. The Task will result in all documentation necessary to request the environmental authorisation and launch works.

Work package WP5 – Works on the Seine basin

Work Package Number	WP5	Lead Beneficiary	2. VNF
Work Package Name	Works on the Seine basin		
Start Month	25	End Month	72

Objectives

In the scope of the Seine-Escaut global project, the Seine Basin covers the upper Seine from Nogent-sur-Seine to Conflans-Saint-Honorine, the lower Seine from Conflans to Le Havre and the Oise river which connects the Seine to the canal Seine Nord Europe.

The Work Package addresses specifically the following objectives:

1) Deployment of remote control with installation of video, audio and automation equipment; connection to optic fiber; building/equipping of remote control centres and modernising safety and security equipment. The objective is to control remotely all locks and dams of the Seine basin from different control centres. The following tasks contribute to achieving it:

- dedicated remote control tasks 5.1 (Oise), 5.2 (Lower Seine), 5.11 (Upper Seine) as well as through
- tasks dedicated to the modernisation of individual dams and locks: 5.4 (Méricourt lock nr 2); 5.6 (Port-mort dam); 5.8 (Suresnes dam), 5.13 (Beaulieu dam)

2) Improved services to users through the building of infrastructure to users (footbridge, boathouses, docks) and the deployment of signaling system. The improvement of services to users is a continuous effort as new needs are raised

by users over time and linked with the increased traffic. The following tasks aim to improve services to users: Task 5.3 (Lower Seine) and 5.12 (Upper Seine)

3) Reliability and safety of navigation on the Seine Basin through the refurbishment, modernisation or upgrade of infrastructure. Specifically:

- Upgrading bridge under-clearance on the Lower Seine (Task 5.5) and lock capacity (5.17)
- Refurbishment and/or modernisation of locks, dams and the waterway on the Lower Seine (Tasks 5.4, 5.6, 5.7, 5.8, 5.9, 5.10) and on the Upper Seine (5.13, 5.14, 5.15, 5.16, 5.18)

Description

Work Package 5 covers all works to be carried out under this Grant Agreement on the Seine Basin. It contains 18 tasks:

TASK 5.1 – WORKS ON THE OISE: OISE REMOTE CONTROL

The objective is to deploy remote-control system on locks along the entire course of the Oise (7 sites in total) and to centralise the water surface curve management.

Works concern the Lower Oise and include

- Installation of video, audio and automation equipment in 6 locks and 3 dams situated at 3 sites (Boran, Isle Adam and Pontoise) in order to ensure security and safety on the sites which will no longer be manned permanently.
- Connection of all 3 sites to the optic fiber.

Works for equipping the Upper OISE sites (itinerary MAGEO from Compiègne to Creil) have already been completed outside the scope of CEF projects. The remaining works consist in connecting these sites to optic fibre.

At the end of this task, all locks and dams of the Lower Oise will be equipped and connected to the optic fiber network. The remaining works for the commissioning of remote control on the Lower Oise will consist in the construction and equipment of the remote control center of Andrésy / Conflans-Sainte-Honorine (which will control Lower Oise infrastructure), to be carried out and commissioned in a subsequent phase of the global project.

TASK 5.2 – WORKS ON THE LOWER SEINE: remote control on the lower Seine

The Task aims to carry out works to install a remote-control system on locks and dams along the entire course of the Lower Seine. It builds on studies carried out under Activity 7. f) of SEINE-ESCAUT 2020 and under Task 4.2.

Works include

- Building of 1 out of 2 remote control center in Notre Dame de la Garenne. The second remote control center will be built at Andrésy / Conflans-Sainte-Honorine in subsequent phases. The task covers all civil engineering and equipment (electricity, water, digital installation).
- Installation of video, audio and automation equipment on 13 locks (3 locks at Suresnes, 2 locks at Andrésy, 1 lock at Chatou, 1 lock at Bougival, 2 locks at Méricourt, 2 locks at Notre-Dame-de-la-Garenne and 2 locks at Amfreville);
- Installation of video, audio and automation equipment on 7 dams (Suresnes, Chatou, Bougival, Andrésy, Méricourt, Port Mort, Poses) necessary for unmanned operations.
- Connection of all sites to the optic fiber

The Task will result in the equipment and connection of all locks and dams along the Lower Seine. Commissioning of the remote control will be done during the current phase (2024) for the locks and dams operated by the remote control center of Notre-Dame-de-la-Garenne (between Méricourt and Amfreville).

Remote control of locks and dams located between Suresnes and Andrésy on the Lower Seine, and between Boran and Pontoise on the Lower Oise, will be commissioned in a subsequent phase after completion of the remote control center of Andrésy / Conflans-Sainte-Honorine.

TASK 5.3 – WORKS ON THE LOWER SEINE : USER SERVICES

The Task consists in rehabilitation works of existing garages, modernisation of quays and signposting on the lower Seine. It consists in the refurbishment of public docks including the Bonnières-sur-Seine dock and the increase in the parking offer for commercial navigation.

It pursues Activity 8. d) of SEINE-ESCAUT 2020 in which the following operations have been completed: - completion of the signalling work of the maritime reach, replacement of the footbridge at Amfreville-sous-les-Monts, creation of boathouses (Gennevilliers), recovery of the signalling of the Chatou/Bougival and Suresnes reaches, recovery of the

sheet piling stringers in Conflans-Sainte-Honorine, signalling of the Amfreville, Notre-Dame de la Garenne and Andrésy reaches, extension of the Triel sur Seine boathouse and work on the docks of Bonnières.

Further works will be needed in subsequent phases for the refurbishment of the signalling system, of quays and walls and of boathouses.

TASK 5.4 – WORKS ON THE LOWER SEINE : modernisation of the Méricourt lock n° 2

This task continues upgrade and modernisation works at Méricourt, a very busy lock site with three airlocks. Works already completed under 2014-EU-TM-0373-M include the lengthening (from 160 to 185 metre) and renovation of lock nr 1, renovation of the wall between lock nr 1 and lock nr 2, building of the lock control booth refurbishment of the lifting gate and installation of automation systems.

The main works to be carried out in this task concern lock nr 2 (185m x 12m x 4.50m) and include :

- renewal of the gates,
- renovation of the walls
- installation of video, audio and automation systems.

Additionally, the remaining works for the modernisation of lock 1 will be carried out, they consist in building the definitive wall.

At the end of the project, Méricourt will have two refurbished and modernised class Vb locks, thus providing a very reliable service for the years to come to waterway users.

TASK 5.5 – WORKS ON THE LOWER SEINE: Amfreville overpass

The current height of the bridge, owned by the Department of the Eure, authorizes the passage of ships receiving up to 3 levels of containers maximum. The Task aims to increase the river gauge to 4 levels of containers, as for all the other bridges along the lower Seine until the Gennevilliers port. The works include:

- Removal of the existing bridge of 210 m length
- Building of the new bridge to increase the river gauge to 4 levels of containers.

At the end of the project, the underclearance will be at least 9.10m under all bridges between ports of Gennevilliers and Le Havre.

TASK 5.6 – WORKS ON THE LOWER SEINE: modernisation of the Port-Mort dam

The Task consists in the second phase of works, including works on passes. Under SEINE-ESCAUT 2020 the following works were completed: treatment of the upstream erosion pit; renovation of the wall system; rehabilitation of the bank protection on the right bank and refurbishment of the interior of the cabin 6.

In this Task, the following works will be implemented:

- Modernisation of the 6 passes
- Modernisation of equipment necessary to operate the dam (winches, cylinders, hydraulic system to operate valves)
- Replacement of the electric system
- Replacement of the control system
- Modernisation of access to technical equipment, including the vent system.

It will result in a fully efficient, resilient, modern and remote controlled dam.

TASK 5.7 – WORKS ON THE LOWER SEINE : Refurbishment of the Poses dam

Under 2014-EU-TM-0373-M the following works were completed: treatment of the erosion pit, closing and renovating channel nr 1 and 3 (including installation of an overpass).

The Task consists in the second and third phases of works, including replacement of metal bridge over passes 4, 5, 6 and 7, civil engineering works consisting in injection of materials in the foundations to refurbish them, automation and electrical works in prevision of the remote control.

It will result in a fully efficient, resilient, modern and remote controlled dam.

TASK 5.8 – WORKS ON THE LOWER SEINE: modernisation of the Gated dam (barrage à vannes) in Suresnes

Under SEINE-ESCAUT 2020 the following works were completed: 50% of works including the dam automation works and the works of renovation of the operating devices. The Task aims to complete all remaining works to upgrade the gated dam in Suresnes. These works include:

- Replacement of the gates and their operating devices
- Upgrade of the electrical system
- Installation of a video surveillance system to ensure the safety and security on the site where permanent personnel presence will not be necessary.

As a result, the gated dam will be fully operational, efficient and resilient and remote controlled. It will ensure a good hydraulic management downstream and ensure reliability of the navigation, especially during flood and drought periods.

TASK 5.9 – WORKS ON THE LOWER SEINE : Refurbishment of the Croissy dike

The Croissy dike (680m) was built in the 18th century and has been weakened by erosion over the last centuries, despite regular maintenance works. Activity 8.c) of SEINE-ESCAUT 2020 foresees the reinforcement works over a third of the dyke. This task will complete the works and reinforce approximately 450m (2nd and 3rd phases of works).

Each phase represents about a third of the linear section and requires the following works:

- Land clearing
- Installation of rocks
- Building of embankments
- Tree planting

As a result, the dike will be fully refurbished, strengthened and able to cope with the impact of navigation and climate on water flows.

TASK 5.10 – WORKS ON THE LOWER SEINE : Refurbishment and modernisation of the locks on the lower Seine

The Task aims to carry out works to refurbish locks on the Lower Seine. The objective is to ensure the safety and reliability of the navigation. Works are necessary due to the age of the locks. Despite regular and sound maintenance by the waterway manager, locks deteriorate due to environmental conditions and operations. The Task will ensure the long-term resilience of the infrastructure.

The Task will cover refurbishment works to be determined in the scope of studies to be undertaken in Task 4.8. One site will be refurbished per year (2023: Lock 1 at Suresnes ; 2024: Lock at Chatou ; 2025 : Lock at Andrézy ; 2026: Locks 3 and 4 at Notre Dame de la Garenne).

At the end of the project, the reliability of this route will be considerably improved thanks to the intervention on the most urgent issues and critical locks for navigation.

TASK 5.11 – WORKS ON THE UPPER SEINE: REMOTE CONTROL

The Task aims to carry out works to install a remote-control system on locks along the entire course of the Upper Seine. Remote control will increase reliability and safety on the Upper Seine and enable 24/7 services. It builds on studies carried out under SEINE-ESCAUT 2020 and Task 4.12.

Works include

- Development of 1 out of 2 remote control centers in an existing building (Vives-Eaux). The second remote control center will be built at Joinville in subsequent phases. This task covers all civil engineering and equipment (electricity, water, digital installation and equipment).
- Installation of video, audio and automation equipment on 9 locks at 5 sites (Varennes, 2 at Champagne, 2 at La Cave, 2 at Vives-Eaux, 2 at Coudray) as well as equipment of the dam on each of these sites to be operated by the remote control center of Vives Eaux.
- Connection of the sites operated by the remote control center of Vives-Eaux to the optic fiber (the optic fiber network is already installed).

The Task will result in the equipment and connection of all locks and dams (between Varennes and Coudray) operated by the remote control center of Vives-Eaux, which will be commissioned during the current phase of the project (2024). Commissioning of the remote control for the lower part of the Upper Seine will be done in a subsequent phase after completion of the last remote control center at Joinville and the equipment of the 6 locks and 3 dams located between Evry and Port à l'Anglais.

TASK 5.12 – WORKS ON THE UPPER SEINE: USER SERVICES

The Task consists in refurbishment of existing garages and deployment of signposting on the route. In particular, the

Task will refurbish 2 boathouses to cope with the increasing demand of parking spaces for vessels. Also the Task will improve signalling system to ensure safety and improve user services. It pursues Activity 15.c) of SEINE-ESCAUT 2020 in which 7 boathouses were created and refurbishment works on embankments have been carried out.

TASK 5.13 – WORKS ON THE UPPER SEINE: Refurbishment (reconstruction) of the Beaulieu dam

The Task aims to refurbish the Beaulieu dam by reconstructing it. Under SEINE-ESCAUT 2020, technical and environmental studies have been carried out.

The works include:

- reconstruction of 4 channels;
- construction of a fishway;
- building of a control premise, installation of remote control equipment including the optic fiber;
- environmental compensatory measures.
- construction of an overpass for VNF staff

As a result, the dam will be fully operational, reliable and automated – thereby improving the reliability of the navigation downstream, especially during flood and drought periods.

TASK 5.14 – WORKS ON THE UPPER SEINE: modernisation of Champagne Lock 2

Champagne contains two lock: the main lock (185 m / 18 m / 2m) and the secondary lock (172 m / 12 m / 2 m). The main lock of Champagne and two of the other secondary locks (Coudray and Vives-Eaux) on the Bray-Paris section of the Upper Seine have been modernized under Seine-Escaut 2020 Activity 15. The secondary lock of la Cave has been modernized outside Seine-Escaut 2020. The aim of this task is therefore to modernize the secondary lock at Champagne. Works build on studies carried out under Act 14.c) of SEINE-ESCAUT 2020 and involve :

- Renewal of the gates
- Installation of hydraulic and electric system for the lock operations
- Modernisation of the manoeuvring systems
- Implementation of left side pits
- Renovation of the walls
- Modernisation of video and automation systems

As a result, Champagne-sur-Seine and all lock sites on the Bray-Paris section will be able to operate two locks, thus increasing significantly the capacity and reliability of the waterway.

TASK 5.15 – WORKS ON THE UPPER SEINE: refurbishment of the Evry main lock

Evry has two locks receiving 7MT and 13,000 boats per year. The secondary lock has already been refurbished under SEINE-ESCAUT 2020 and the aim of this task is to carry out the first phase of the works necessary to refurbish the Evry main lock (180 m / 16 m / 3,20 m). It will be carried out according to the design studies foreseen in Task 4.15.

The first phase of works included in this task includes

- the complete civil engineering work on the airlock
- the recovery of downstream left banks.

As a result of this task, the Evry main lock will be partly refurbished, the rest of the works will be conducted in a subsequent phase of the global project.

TASK 5.16 – WORKS ON THE UPPER SEINE: refurbishment of Port à l'Anglais dam

The Task aims to carry out engineering works to refurbish the Port à l'Anglais dam whose foundation is old and unstable. The task consists in civil engineering works to reinforce the foundation and avoid a collapse of the infrastructure.

The Task contributes to the objective of improving the navigability conditions on the Upper Seine through the modernisation or refurbishment of ageing infrastructure (locks and dams). This will ensure a more reliable service of locks and management of the surface curve and lower the risk of stopping navigation on this navigation route.

TASK 5.17 – WORKS ON THE UPPER SEINE: Upgrade of Ablon Lock

The Task covers works necessary to deepen (and possibly to lengthen as well) the Ablon lock which has recently been

refurbished, which would compensate for a possible failure of the Vigneux lock. The Ablon lock is 172 m long, 12,6 m wide and 2,20 m deep. The objective is to ensure the continuity and the safety of navigation on this route (15 % of traffic from national network). The decision on whether to lengthen in this phase of the global project will be taken on the basis of studies to be carried out under Task 4.16. The objective is to make the lock 180 m long, 16 m wide and 3,20 m deep and ensuring ECMT Class Va on the site in case of failure of the Vigneux Lock (180 m / 16 m / 3,20 m).

As a result, of the upgrade – even if limited to the deepening works – the site will have a second lock that can accommodate class Va traffic, allowing works to be carried out at Vigneux and generally providing more reliability to the Ablon/Vigneux site

TASK 5.18 WORKS ON THE UPPER SEINE: Building of the Evry fishway

The Task aims to create a fishway on the Evry dam in order to comply with the Water Framework Directive. It will improve the biodiversity on the Seine axis.

At the end of the project, the fishway will be operational.

Work package WP6 – Studies in Wallonia

Work Package Number	WP6	Lead Beneficiary	3. SPW MI
Work Package Name	Studies in Wallonia		
Start Month	1	End Month	72

Objectives

The Walloon IWW network was mainly designed and developed to meet the requirements of the EU standard adopted in the 1950s: Class IV. Today, this gauge and associated service levels are no longer in line with the needs of modern navigation. The deployment of large Va class vessels leads to new structural bottlenecks. It was therefore necessary, taking into account the strong constraints of the existing network, to upgrade all the navigation axes by harmonizing their capacity with the standards developed in the neighboring networks.

The Seine-Escaut network in Wallonia is composed of 5 navigation axes, each with its own challenges and objectives to be achieved:

1. The Walloon section of the cross-border Condé-Pommeroeul canal running from the French border to the intersection with the Nimy-Blaton-Péronnes canal in Pommeroeul.
This section reaches ECMT Class Va with locks enabling the navigation of vessels of 135m x 11.5 m. This axis, closed to navigation since the nineties, will be reopened to the ECMT Class Va as part of SEINE-ESCAUT 2020. There is no intervention on this axis in this project.

2. A portion of the Walloon Backbone consists of the sections:

o The Nimy-Blaton-Péronnes canal which is free of locks between Pommeroeul and Nimy

This portion has a succession of tight and close curves between Tertre and Baudour that prevents navigation to ECMT Class Va. Technical studies have been conducted under SEINE-ESCAUT 2020 to widen specific bottlenecks. Task 7.1 covers works building on these studies to enable ultimately navigation of ECMT Class Va on the canal. It includes a new loading/unloading solution studied under Task 6.3. Related works to develop a new loading/unloading solution will be carried out in subsequent phases.

o The large-gauge Canal du Centre between Nimy and Seneffe, comprising an ECMT Class IV lock in Obourg, an ECMT Class Va lock in Havré and an ECMT Class Va boat lift in Strépy

A new lock doubling the existing lock in Obourg is necessary for the upgrading of the section to ECMT Class Va and the safety of traffic. The new lock (135 m x 11,5 m) will be larger than the existing lock. The technical studies for this doubling of the lock and the applications for authorisations were carried out under SEINE-ESCAUT 2020.

On this canal, the lock of Havré has already been modernised under SEINE-ESCAUT 2020 to enable remote management and optimize its pumping station (in anticipation of increased future use).

The resulting works will be carried out in subsequent phases. The construction of a turning basin will also be proposed.

At the end of these works, the section between Nimy and Seneffe will be at ECMT Class Va. There is therefore no intervention on this section in this project.

o The Charleroi-Brussels canal linked to the Sambre between Seneffe and Charleroi, with 3 ECMT Class IV locks in Viesville, Gosselies and Marchienne-au-pont

For the upgrading of this section of the canal to ECMT Class Va, 3 new ECMT Class Va locks are planned, each doubling the existing locks. Works to adapt the existing infrastructure, including the pumping stations for the duplication of the locks; and technical studies, including application for permit, for this duplication were carried out under SEINE-ESCAUT 2020. The duplication works and the construction of an ECMT Class Va turning basin, close to the Viesville lock, will be carried out in subsequent phases. There is therefore no intervention on this section in this project.

o The Basse Sambre between Charleroi and the confluence with the Meuse at Namur

This section includes 8 locks with dams: Monceau-sur-Sambre, Marcinelle, Montignies-sur-Sambre, Roselies, Auvelais, Mornimont, Floriffoux and Salzinnes. The Auvelais lock is a bottleneck for the section to ECMT Class Va. Work to remove this bottleneck is being carried out in SEINE-ESCAUT 2020. However, 9 zones identified on the linear of the river require development work to ensure smooth and safe navigation: 3 crossing areas to be widened, 1 curve to be rectified, 4 turning basins to be upgraded to ECMT Class Va and 1 waiting area. The technical studies for these development works and their applications for authorization were foreseen under SEINE-ESCAUT 2020. Task 7.2 covers works on 1 turning basin and 1 crossing area, both located in Franière. The other works will be carried out in subsequent phases.

In parallel, the 8 locks/dams and their equipment are to be modernised to enable their remote control from the Perex 4.0 center in Dausoulx. These adaptations focus on 3 priorities:

- Modernization of remote control equipment (PLCs, UPS, cameras, etc.) carried out under Task 7.3.
- The reliability of the equipment of the structures in order to allow their remote control. Studies to identify the necessary interventions are ongoing. Task 7.3 covers works to replace the sluice gate of the Floriffoux dam and the remote control equipment sluice gate of the Montignies-sur-Sambre lock.
- The physical security of sites by the installation of security barriers and anti-intrusion elements to ensure security of unmanned operations. Task 7.3 covers works on the Auvelais, Mornimont, Floriffoux and Salzinnes sites. Works for the last 4 sites will be carried out under subsequent phases.

Ultimately, the section between Charleroi and Namur will be upgraded to the ECMT Class Va with safe navigation conditions and improved crossing possibilities.

3. The Upper Scheldt from the French border to the linguistic border with Flanders

The section has one main bottleneck in the crossing of Tournai and two sites of locks/dams. It requires a complete modernization of equipment in order to secure navigation: deepening of the locks, modernization of electromechanical equipment, construction of new dams. The crossing of Tournai covers several operations: widening of the navigable pass at the Pont à Pont with the building of a new bridge, deconstruction-reconstruction of the Pont des Troux, all in the particularly sensitive context of a historic and dense city. These works were foreseen under SEINE-ESCAUT 2020. Traffic forecasts foresee a doubling of traffic on the axis as soon as the Canal Seine-Nord Europe opens, bringing the two sites to saturation. Task 6.4 covers studies to prepare works to increase the capacity of lock sites. Works will be carried out under subsequent phases.

4. The Walloon section of the Lys mitoyenne

The section had an insufficient size for navigation of ECMT Class Vb vessels. The upgrade of this section was entirely carried out as part of SEINE-ESCAUT 2020. Task 6.5 cover studies aiming at securing navigation by modernizing the Comines lock and weir. Works will be carried out under subsequent phases.

5. The Charleroi-Brussels canal linked to the Senne watershed between Seneffe and the linguistic border with Flanders

The section has two infrastructures: the inclined plane of Ronquières and the lock of Ittre. These two old pieces of infrastructure require modernization and complete stabilising and securing of their structure and their equipment to restore the full capacity of crossing, and guarantee the safety of navigation for CEMT Class IV. Task 7.5 covers works for the modernization of the remote control system, the functional lighting and the 1st caisson of the inclined plane. Works on the 2nd caisson will be carried out in subsequent phases. Task 7.4 covers works on the Ittre site: the security works

(pontoons) and those necessary for its remote control (adaptation of the high voltage of the site and the lock valves). Task 6.6 covers studies for its overall modernisation and further works will be carried out in subsequent phases.

Description

The Work Package aims to carry out studies to prepare works on the Seine-Escaut network in Wallonia.

It contributes to the following specific objectives:

- Supporting all tasks of the project and supporting the global project with communication and coordination operations
- Walloon Backbone:

Carrying out studies to prepare works to build a new quay in Tertre to compensate the destruction of an existing one to upgrade the section to ECMT class Va.

Carrying out geotechnical studies to improve cost efficiency of the works for the upgrade of Sambre

- Upper-Scheldt:

Carrying out studies to prepare works to increase the capacity and to upgrade the infrastructure of the Upper-Scheldt in Wallonia.

- Lys, in Comines:

Carrying out studies to modernise the weir in Comines.

- Seneffe-Antwerp:

Carrying out studies to prepare works to modernise one of the two site (Ittre lock) of the section to improve its reliability.

It contains 6 tasks:

TASK 6.1 – TECHNICAL SUPPORT

This task consists in supporting technically the execution of the project in Wallonia, it includes

-Internal technical support for the implementation of the project in Wallonia, including monitoring and control of the execution of the related activities.

-External technical assistance for the monitoring and control of the execution of the subcontracts of the project in Wallonia.

-Communication and coordination activities for the global project in Wallonia between 2021-2026 (covering all aspects and investments in the global project whether they are inside or outside the scope of this project, until end of 2026).

TASK 6.2 – HORIZONTAL STUDIES

This task aims to carry out horizontal studies to confirm the outstanding investments in relation to environmental, navigation and other obligations including

- Update of the Strategic Environmental Assessment of 2010 in order to include the new projects, which had not been integrated in the 2010 version.

- Navigation and trajectography studies to secure the navigation conditions and upgrade the gauge of the different infrastructures of the Walloon sections of the Seine-Escaut network as identified in the 2019 Implementing decision.

The results of these studies will allow to prepare the subsequent implementation phase in the scope of the global project.

TASK 6.3 – TECHNICAL STUDIES : WALLOON BACKBONE

These studies are part of an effort to prepare the upgrade of the Walloon backbone infrastructure to ECMT class Va. They specifically cover:

-the technical studies for the construction of a new quay in Tertre, located on the section of the Nimy-Blaton-Péronnes canal. Task 7.1 includes the destruction of a quay necessary to upgrade the canal to ECMT Class Va. A new quay dedicated to intermodal freight transport will be built at a later stage in Tertre.

- a set of geotechnical studies necessary to improve the cost efficiency of the upgrade of the Sambre (which are additional to the studies to prepare the works public procurement procedure, foreseen under SEINE-ESCAUT 2020).

The results of these studies will allow to prepare the subsequent implementation phase in the scope of the global project, in view to upgrade the Walloon Backbone to ECMT class Va and improve crossing possibilities.

TASK 6.4 - TECHNICAL STUDIES : UPPER-SCHELDT

These studies are part of an effort to prepare the the Upper Scheldt infrastructure for the doubling up of the traffic demand.

They specifically cover the technical studies as well as the environmental impact assessment to double the locks in Kain and Hérinnes. The study will specify the dimensioning of the upgraded locks. The results of these studies will lead to the subsequent implementation phase in the scope of the global project, in view to increase the capacity and secure the lock sites of the Upper-Scheldt in Wallonia.

TASK 6.5 - TECHNICAL STUDIES : LYS

This task covers the technical studies to upgrade the equipment of the weir in Comines. The results of these studies will lead to the subsequent implementation phase in the scope of the global project to secure the navigation conditions on the Lys. Under SEINE-ESCAUT 2020, works on the second section of the Lys under the project management of the SPW enable CEMT Class Vb. The Task aims to secure navigation conditions.

The subtask is carried out internally. In order to simplify the management of the grants, all internal costs are merged in T6.1.

TASK 6.6 - TECHNICAL STUDIES : SENEFFE-ANTWERP

The task concerns the Walloon section from Seneffe to Ittre on the Canal Charleroi-Bruxelles. The Task is complementary with WP09 (DVW) to ensure CEMT Class IV and securing navigation on the Canal Charleroi-Bruxelles.

This task covers the technical studies for the upgrade of the Ittre lock site (including the modernisation of the gate and the gantry, and the replacement of the electrical system), in addition to Task 7.4 covering the first phase of the remote control development. The results of these technical studies will allow to prepare the subsequent implementation phase in the scope of the global project to secure the navigation conditions on the Seneffe-Antwerp section. In particular, the Task covers studies to obtain the required authorisation (permis d'urbanisme) and to prepare the tender documentation.

Work package WP7 – Works in Wallonia

Work Package Number	WP7	Lead Beneficiary	3. SPW MI
Work Package Name	Works in Wallonia		
Start Month	1	End Month	72

Objectives

See description of the objectives of Work Package 6.

Description

The Work Package aims to carry out works on the Seine-Escaut network in Wallonia.

WP07 contributes to the following specific objectives:

- Walloon Backbone:

Carrying out works on 5 sectors in Tertre of the Nimy-Blaton-Péronnes canal to upgrade it to ECMT class Va.

Carrying out works on 2 of the 9 sectors of the Charleroi-Namur section of the Sambre to improve crossing possibilities

Carrying out the first phase of works to equip the 8 existing infrastructure of the Lower Sambre with remote control.

- Seneffe-Antwerp:

Carrying out preparatory works for the establishment of the remote control and securing the Ittre lock site.

Carrying out the first phase of works on the Ronquières inclined plane to secure the infrastructure, modernise remote control equipment and one of the two caissons.

TASK 7.1 – WALLOON BACKBONE - Pommeroeul to Seneffe: upgrading Canal Nimy-Blaton to ECMT Va

In order to upgrade the Walloon Backbone to ECMT class Va, 5 sectors have been identified on the Nimy-Blaton-Péronnes which need to be adapted in order to soften river curbs on ca. 1,5 km. The upgrade of these 5 consecutive sectors in Blaton to ECMT class Va will be executed in the scope of this task. The works consist in widening the canal and softening river curbs and destroying a quay limiting the navigation of ECMT class Va vessels. A new quay will be built in the subsequent phases of the global project.

Works will be implemented successively as described in the milestones.

At the end of the project, navigation on canal Nimy-Blaton will be possible for class Va vessels.

TASK 7.2 – WALLOON BACKBONE – Charleroi to Namur: upgrading the Sambre in Franière to ECMT Va

SEINE-ESCAUT 2020 foresees works to upgrade the lock of Auvélais and thereby upgrade the Sambre to class Va. The next steps for this waterway concern the improvement of navigation conditions (to ensure crossing, turning, remote control, etc). In this context, Task 7.2 aims to improve crossing possibilities and securing navigation conditions on the Walloon Backbone Lower Sambre section between Namur and Charleroi, for which 9 sectors have been identified where works are needed.

The 9 sectors include: 3 crossing areas to be widened, a curve to be rectified, 4 turning basins to be upgraded and 1 waiting area to be created. This task covers the works in two of these 9 sectors, namely a turning basin and a crossing area to be widened for secured ECMT Va navigation, which are both in Franière. The remaining 7 sectors will be upgraded in a subsequent phase of the global project.

TASK 7.3 – WALLOON BACKBONE – Charleroi to Namur: Preparatory works for deploying remote control of the locks and weirs of the Lower Sambre

The works of this task aim to prepare the remote control for the locks and weirs of 8 sites on the Lower Sambre (Salzinnes, Floriffoux, Mornimont, Auvélais, Roselies, Montignies-sur-Sambre, Marcinelle and Monceau-sur-Sambre) to be operated from the existing PEREX centre. In addition to the equipment of the sites, works are necessary to improve reliability, safety and security for unmanned operations.

They will be structured around three main operations:

- Works to upgrade the control equipment of all 8 sites to prepare their remote control. The works cover the upgrade of the automation systems, the Uninterruptible Power Supply (UPS), the visualisation and security equipment, the lightning, the river signalling and the radars.
- Works to improve the reliability of the equipment (1st phase): these works consist in the replacement of (i) the control equipment of the sluice gates of the Montignies-sur-Sambre lock and of (ii) the sluice gates of the Floriffoux weir.
- Works to secure the sites (1st phase): these works consist in placing safety and security equipment such as guardrails and anti-intrusion security elements which are necessary to secure the installations of 4 sites out of 8 (namely Salzinnes, Floriffoux, Mornimont, Auvélais). Security works on the last 4 sites will be carried out in the subsequent phase of the global project.

TASK 7.4 – SENEFFE-ANTWERP: Preparatory works for remote control of Ittre and works to secure its equipment

The works covered by this task aim at upgrading the Ittre lock site to prepare for the establishment of remote control. It covers securing the booms, securing the sluice gates, upgrading the pumping equipment and optimisation of the control equipment. The task leads to the reliability of all equipment on the site.

TASK 7.5 – SENEFFE-ANTWERP: Works for the upgrade of the Ronquières Inclined Plane (1st caisson)

The works of this task contribute to improving the availability and restoring the capacity of the Ronquières Inclined Plane. As of today, the Inclined Plane can only operate one caisson at the time. Works cover the modernization of the lightning and the remote control, the replacement of the moving and guiding mechanisms (rails and rollers) of the 1st caisson and its counterweight. The second caisson will be upgraded in the next phase of the global project in order to allow the site to operate at 100% of its capacity, ensuring reliability of the section and navigation of ECMT Class IV vessels.

Work package WP8 – Studies in Flanders

Work Package Number	WP8	Lead Beneficiary	4. DVW
Work Package Name	Studies in Flanders		
Start Month	13	End Month	48

Objectives

This work package aims to monitor works implemented as part of WP 9 as well as to plan works on different sections of the Flemish Seine-Escaut network (which will be implemented in a subsequent phase of the global project). The studies address most of the objectives foreseen in the Implementing Act 2019/1118 of 27 June 2019 relating to the Seine-Escaut global project as follows:

I. Upgrade of the Lys to ECMT class Vb (unidirectional) and Va (bidirectional), enabling 3 layers of containers

The Lys is one of the main routes linking the French waterway network with the ports of Ghent, Zeebrugge and Anwerp. It is 71 km long and needs to be deepened to 4.50m depth and widened to obtain about 43metres of water surface width. Its upgrade, which also includes the reconstruction of river embankments, locks and bridges as well as environmental works, represents a very substantial investment and complex planning, hence its implementation takes place in several phases. Tasks 8.3 and 8.4 deal with overall policy and technical issues and with the planning of the linear calibration of 2 of the 3 remaining sections for which the permit has not yet been obtained.

II. Upgrade of the locks of the Upper-Scheldt to ECMT class Vb

The Upper-Scheldt is one of the main routes linking the French waterway network with the port of Anwerp mainly, but also with ports of Ghent and Zeebrugge. Its upgrade in Flanders is coordinated with the Walloon and French authorities to achieve good navigation conditions for ECMT Va vessels and meet the expected growth of traffic. To achieve this on the Flemish section of the Upper Scheldt (49,6 km from Merelbeke to Hérinnes), it is necessary to improve the reliability and capacity of the three lock sites. Tasks 8.5 and 8.6 plan the re-engineering of the existing locks and the construction of a second lock at each of the three sites (through PPP).

III Upgrade of the connections to the maritime port of Zeebrugge (canal Ghent – Bruges)

Improving the inland waterway transport access to and from the port of Zeebrugge is an important objective of Seine-Scheldt requiring extensive and complex works in and around the city of Bruges and on the canal Ghent-Ostend. These works include inter alia waterway calibration, adaptation of locks, reconstruction of bridges. Tasks 8.7 and 8.8 address specifically studies to plan the reconstruction of Dampoort lock and of the Kruispoort I bridge in Bruges, and plan the upgrade of the canal Ghent-Ostend.

IV Upgrade of the canal Roeselare-Lys to ECMT Va

The 16,5 km canal Roeselare Lys (CRL) is connected to the Lys and located along a very busy industrial and logistic hub. It has the potential to attract much higher volumes of traffic following the planned upgrade of the river Lys, but this also requires an upgrade of the CRL itself (deepening and reconstruction of embankments and bridges). Task 8.9 will carry out a project study to plan the calibration works.

V. Upgrade of the canal Bossuit-Kortrijk to ECMT class Va

This 15,4 km canal connects the river Lys (at Kortrijk) to the Scheldt (in Bossuit) The main obstacle to navigation is located in the city of Kortrijk where three class I locks need to be replaced. Task 8.10 aims to take studies further and obtain a final project decision which allows the works to start.

VI. Upgrade of the Seneffe-Antwerp section to ECMT class IV in both directions

The Seneffe-Antwerp section of the Seine-Scheldt network is being developed in both Walloon and Flemish sections. In Flanders, it concerns the canal Charleroi-Bruxelles, between Lembeek and Brussels (Anderlecht) which is classified as ECMT IV but actually doesn't ensure good navigation conditions for class IV vessels due to 4 locks with usable length of only 81,30m (class IV requires at least 85m), 7 bridges with a clearance below 7,00m and a waterway only allowing a draught of 2,50m (water depth of 3.2m whereas 4m is needed). Task 9.3 aims to carry out studies for the canal calibration works.

Description

TASK 8.1 – TECHNICAL SUPPORT AND COMMUNICATION

The Task concerns, for the period between 01/01/2023 and 31/12/2024, the following elements :

- the technical support, both internal (i.e. personnel costs) and external, needed for the further development and implementation of the global Seine-Scheldt project in Flanders, including monitoring and execution control ;
- the integrated management and coordination of the global Seine-Scheldt project in Flanders;
- the transparent communication on the global Seine-Scheldt project in Flanders.

TASK 8.2 – POLICY STUDIES

The Task consists firstly in a study to develop a Masterplan for the management of the entire water system on the Seine-Scheldt network in Flanders. The objective is to develop a global water system strategy, with an integrated approach, in order to help authorities and stakeholders manage water resources and adapt to climate change. The issues that need to be addressed are, inter alia: (i) the qualitative and quantitative impact of the implementation of the Seine-Scheldt global project on water management, including effects on the risks for flooding and/or drought; (ii) minimizing possible negative impacts and optimize, in collaboration with neighbouring regions, the water management of the Seine-Scheldt network in Flanders.

Adaptation to climate change has been identified by the Seine Scheldt EEIG as a topic to be developed further on the entire cross-border network in subsequent phases of the global project, in line with regional, national and European policies.

Secondly, an economic toolbox will be set up with the aim of increasing the economic added value and traffic on the upgraded inland waterway network. The toolbox will contain policy recommendations for decision makers and authorities to create incentives for modal shift to inland waterway transport.

TASK 8.3 – LYS GLOBAL STUDIES

The Task aims to carry out Global studies to develop an integral approach to the upgrading of the Lys axis. Its geographical scope is therefore the entire Lys axis. The global studies will cover inter alia traffic management and ecosystem services. The task builds on pilots and preliminary studies undertaken under Activity 11(a) of SEINE-ESCAUT 2020.

TASK 8.4 – LYS PROJECT STUDIES

This task focuses on the remaining studies needed to start the linear calibration works on section 150 and the further preparation of the linear calibration works of the section 160 of the Lys axis, they are the project studies or ‘ontwerpstudies’. Activity 11(a) of SEINE-ESCAUT 2020 covered pre-design (AVP or ‘voorontwerpstudies’) studies. This task pursues the planning process as follows:

-Section 150: environmental impact assessment, permit application, final design, planning, estimated costs, tender documents for the procurement of works. At the end of the project, all permit application and tender documents needed to start the works for the linear calibration of this section (with the exception of the final dredging works) will be completed. In the next phase of the global project, permit application and tender documents for the final dredging works will be prepared.

-Sections 160: final design, planning, estimated costs. At the end of the project, all design elements needed to perform the environmental impact assessment will be completed and the formal EIA procedure will be launched. In the next phase of the global project, the corresponding permit application and tender documents will be prepared.

TASK 8.5 –STUDIES TO UPGRADE 3 EXISTING LOCKS ON THE UPPER- SCHELDT

The Task consists in project studies (‘ontwerpstudies’) to prepare the permitting and procurement documents necessary for works to upgrade the three class Va existing locks on the Upper-Scheldt (Asper, Kerkhove, Oudenaarde), built in 1922. The upgrades concern, for all three locks:

- an extensive re-engineering operation (renewal outdated parts, enabling remote control)
 - increasing the lock capacity by lowering the lock threshold to allow a draught of 2,80m (instead of the current 2,60m)
- Project studies will include site surveys, design, hydraulic and stability studies, detailed implementation plans and drawings, project planning and cost estimates.

The task will result in the completion of the necessary permit application and procurement documents to enhance the operational reliability of the 3 existing locks on the Upper-Scheldt and to upgrade their capacity to allow vessels with increased draught (2,80m).

TASK 8.6 - UPPER-SCHELDT NEW LOCKS PPP TENDER PREPARATION

The Task aims to carry out a preliminary study to provide all technical, financial, legal and administrative elements in preparation of a design, build, finance and maintain (DBFM) procurement procedure for the construction of 3 new ECMT class Vb-locks on the Flemish part of the Upper-Scheldt. The 3 new locks will be built at Asper, Kerkhove and Oudenaarde where a class Va lock already exists. The task includes:

- technical studies in order to define the needs and objectives of the contract, including draft planning, provisional engineering solutions, etc.
- administrative and legal support for writing all documents necessary to prepare the contract

The outcome of the task will be an approved PPP tender dossier for the Flemish authorities to take a decision on whether to go ahead with a PPP. If the decision is taken, the PPP procurement procedure will be followed in the next phase of the global project, and it is the PPP contractor who will subsequently carry out the design and project studies and start the works.

TASK 8.7 - STUDIES LOCK DAMPOORT BRUGES PPP PREPARATION

The Task aims to carry out a preliminary study to provide all technical, financial, legal and administrative elements in preparation of a design, build, finance and maintain (DBFM) procurement procedure for the construction of a new ECMT Va lock at Dampoort (in Bruges) as part of the upgrade of the canal Ghent-Ostend. It includes:

- technical studies in order to define the needs and objectives of the contract, including draft planning, provisional engineering solutions, etc.
- administrative and legal support for writing all documents necessary to prepare the contract

The outcome of the task will be an approved PPP tender dossier for the Flemish authorities to take a decision on whether to go ahead with a PPP. If the decision is taken, the PPP procurement procedure will be followed in the next phase of the global project and it is the PPP contractor who will subsequently carry out the design and project studies and start the works.

TASK 8.8 – STUDIES TO UPGRADE THE CANAL GHENT-OSTEND

The Task aims to carry out preparatory studies for the upgrading of the entire canal Ghent-Ostend to ECMT class Va. In the scope of the global project SEINE-ESCAUT, the upgrade of the canal Ghent-Ostend will enable safe and secure navigation with a higher capacity and fluidity of larger vessels with three layers of containers. The Task builds on studies for the upgrade of the transit of Bruges carried out under activity 11 (c) of Seine-Scheldt 2020. It includes design studies (AVP or ‘voorontwerp’) to

- identify the remaining bottlenecks and propose the technical solutions to be implemented during works;
- determine the general layout and size of all structural elements and associated equipment to be foreseen and specify the various elements of the works;
- determine the modalities for the implementation of the works (further design process, timing, cost estimates, permit requirements).

The Task also includes the design and project studies (AVP or ‘voorontwerp’ and PRO ‘ontwerpstudies’) for the reconstruction of the Kruispoort I bridge in Bruges as part of the upgrade of the canal Ghent-Ostend.

The outcome of the task will be (i) the validated design studies (‘voorontwerp’) of the entire canal Ghent-Ostend, leading to the final studies (‘ontwerp’, permitting and tendering) to be undertaken in the next phase of the global project; (ii) the permit application and tender documents for the reconstruction of the bridge Kruispoort I Bruges.

TASK 8.9 - STUDIES TO UPGRADE THE CANAL ROESELARE-LYS

The task aims to continue to elaborate and upgrade the overall project plan and to carry out project studies (PRO or ‘ontwerpstudies’) for the further upgrade of the canal Roeselare-Lys to ECMT class Va. A first step was taken with the reconstruction of the Brigandsbrug in Ingelmunster under Seine-Scheldt 2020.

The task builds on the approved project plan for the upgrade of the canal and the preparatory studies carried out under Activity 11(d) of SEINE-ESCAUT 2020. The project studies will further detail the different components of the canal upgrade to be implemented:

- specify the technical solutions to be implemented during works and determine the layout and size of all structural elements and associated equipment

- specify by plans, sections, elevations, the forms of the various elements of the works, the nature and characteristics of the materials as well as the modalities for their implementation;
- provide calculation notes for the execution of the works as well as plans and drawings

The outcome of the task will be an updated overall project plan for the upgrade of the canal Roeselare-Lys to ECMT Va and validated project studies ('ontwerpstudies'), including permit application files and tender documents.

TASK 8.10 - STUDIES UPGRADE CANAL BOSSUIT-KORTRIJK

The Task aims to carry out further preparatory studies for the upgrade of the canal Bossuit-Kortrijk to ECMT class Va. It builds on preparatory studies carried out under Activity 11(d) of SEINE-ESCAUT 2020 which led to the submission of a Preference Decision proposal in the scope of the Complex Project Procedure in Flanders.

The Task will carry out studies to further detail the Preference Decision in order to obtain the final Project Decision, which combines the decision to build and the necessary environmental and planning permits. The studies include:

- the design and technical elaboration of the preference solution (incl. cost estimation, planning);
- an extensive environmental impact assessment;
- the drafting of a financial and economic business case (CBA);
- the drafting of an integrated masterplan, including the following topics :
 - o land acquisitions;
 - o environmental compensations;
 - o restoration of urban tissue;
 - o economic development;

The outcome of the task will be the validated Project Investigation Note (formal step in the Complex project Procedure), detailing the further design and project preparation process, and the submission of the Intermediate Design Note, detailing all technical elements of the preference solution on a predesign level ('voorontwerp'), as part of the Development Stage towards the final Project Decision for the upgrade of the canal Bossuit-Kortrijk to ECMT class Va.

TASK 8.11 - STUDIES TO MODERNISE THE SENEFFE-ANTWERP SECTION

The Task aims to carry out an update of the CBA and the EIA for the upgrade of the Flemish part of the Seneffe-Antwerp section to ECMT class IV (bidirectional) and to integrate the obtained results in an actualization of the overall project plan for this upgrade.

The outcome of the task will be an up-to-date implementation plan (technical solutions, further design process, timing, cost estimates, permit requirements) for the modernization of the Flemish part of the Seneffe-Antwerp section.

Work package WP9 – Works in Flanders

Work Package Number	WP9	Lead Beneficiary	4. DVW
Work Package Name	Works in Flanders		
Start Month	1	End Month	69

Objectives

Work package 09 consists of the works that will be carried out in Flanders. The tasks included in this work package connect to previously made investments and to the commitments made in the implementation of the European Implementing Act Seine-Escaut.

The main focus of the works lies on further upgrading of the Lys to a waterway of ECMT class Vb (unidirectional) and Va (bidirectional), enabling 3 layers of containers. The specific objectives related to upgrading the Lys are:

- Works on the Lys at section 140 (Deinze – Sint-Baafs-Vijve): the calibration of zone A (downstream half of the section and zone B (upstream half) and the construction of the cyclist bridge F422 at Deinze.
- Works on the Lys at section 160 (Harelbeke – Menen) - transit Menen: embankments at cyclist bridge: the construction of new, wider river embankments in the immediate vicinity of the future cyclist bridge at the Barakkenpark, just downstream of the town centre.

In addition to the works on the Lys, the implementation of the project plan for the further upgrade of the canal Roeselare-Lys (to ECMT class Va) will be started:

- The reconstruction of the Lysbridge in Ingelmunster.
- The upgrade of the three quay walls: quay Zuid Izegem, quay Vanden Avenne and turning basin Kachtem.

Furthermore, the modernisation of the Seneffe-Antwerp section will be further realised in preparation of the upgrade of the canal to a ECMT class IV waterway, enabling 3 layers of containers:

- The construction of the Zuid bridge in Halle.
- The construction of the Driefonteinen bridge in Sint-Pieters-Leeuw.

Description

The following environmental clause concerns all the Lys works (tasks 9.1, 9.2 and 9.3) as well as some of the works on the canal Roeselare-Lys (task 9.5).

The fulfilment of EU environmental law, in particular, the provisions of Directive 2011/92/EU on the assessment of the effects of certain public and private projects on the environment, Directive 2001/42/EC on the assessment of the effects of certain plans and programmes on the environment, Directive 2009/147/EC on the conservation of wild birds, Directive 92/43/EEC on the conservation of natural habitats and of wild flora and fauna, Directive 2000/60/EC establishing a framework for community policy in the field of water, is a pre-condition for the disbursement of EU financial aid to the Action. The compulsory assessments must be duly completed and approved by the competent authorities according to national law and in line with requirements of relevant EU legislation before the start of the physical intervention. If this information is not provided or is not positively assessed by the Commission services, the Agency may suspend the implementation of the Action or the payments, terminate the Agreement, reduce the grant amount or recover financial assistance in accordance with articles 31.2, 30, 32.3, 28, and 27 of the Grant Agreement.

TASK 9.1 – LYS WORKS – SECTION 140/Calibration works zone A and B

Calibration works on Section 130 (Lys Diversion Canal) were completed whereas main works on Section 140 (Deinze - Sint-Baafs-Vijve) of the Lys were part completed under Seine-Escaut 2020. Section 140 works was divided into two geographical zones (A and B) and the works have been divided into 6 stages as follows: stage 1 (restructuration turning basin Noorderwal); stage 2 (civil engineering new embankments, i.e. 11km x 2 sides); stage 3 (ecological measures); stage 4 (tow paths/landscape); stage 5 (connection lock SBV) and finally stage 6 (dredging works). Under Seine-Escaut 2020, stage 1 and half of stage 2 (ie. new embankments in all of zone A) were foreseen.

This Task covers the remaining calibration works (except dredging) as follows:

Stages 3 and 4 in the zone A (downstream half) of Section 140:

- ecological measures
- tow paths/landscaping

Stages 2 to 5 in the zone B (upstream half) of Section 140:

- civil engineering new embankments, i.e. 11 out of 22km
- ecological measures
- tow paths/landscaping
- connection of the lock at Sint Baafs Vijve

The outcome of the task will be the completion of calibration works, except for dredging, on Section 140 of the Lys. Works for stage 6 (dredging works) will be implemented in a subsequent phase of the global project.

TASK 9.2 – LYS WORKS – SECTION 140/ cyclist bridge F422 Deinze

The task aims to build a cyclist bridge (as part of the cyclist highway F422) at the downstream end of section 140 (Deinze - Sint-Baafs-Vijve) of the river Lys. As an essential part of the River Restoration Program for the Lys between Deinze and Wervik, it will improve access of the river valley for non-motorized traffic. The bridge is instrumental to creating and maintaining public acceptance of the calibration works in this section. The Task builds on project studies carried out under Activity 11(a) of SEINE-ESCAUT 2020.

The outcome of the task will be a commissioned cyclist bridge F422 in Deinze.

TASK 9.3 – LYS WORKS –Transit Menen : embankments at cyclist bridge

The task aims to widen and strengthen the embankments at the cyclist bridge to be built as part of the wider modernization

and upgrade of the transit of the river Lys through the town of Menen, in Section 160. The cyclist bridge itself will be built outside the scope of the project.

This task implements a first component of the necessary works for the upgrade of the Lys through the border town of Menen (which also include the reconstruction of the road bridge and the realization of a river bend cut-off– these will be carried out in subsequent stages of the global project).

The outcome of the task will be the adapted embankments (approximately 370 metres) to prepare the site for the construction of a new cyclist bridge.

TASK 9.4 – CANAL ROESELARE-LYS : Reconstruction of the Lysbridge Ingelmunster

The task aims to carry out works for the reconstruction of the Lysbridge with a clearance of 7,00m, in order to eliminate a bottleneck for navigation with three layers of containers as part of the overall upgrade of the canal Roeselare-Lys to a full ECMT class Va waterway. Under Activity 12(e) of Seine-Escaut 2020, the Brigands bridge was completed in 2020 to remove navigation limitations at the centre of Ingelmunster. The Lys bridge (for pedestrians and cyclists) covered in the Task is the second bridge located at Ingelmunster (downstream of the town centre) that should be upgraded.

The outcome of the task will be the commissioning of the new Lysbridge with 7m underclearance.

TASK 9.5 – CANAL ROESELARE-LYS : Upgrade infrastructure to withstand the deepening of the Canal

The task aims to carry out some preparatory upgrade works ahead of the main canal Roeselare-Lys works (deepening and adaptation/reconstruction of embankments and quay walls) for its upgrade to a fully fledged class Va waterway. These preparatory works are needed prior to the deepening of the canal to a water depth of 4,20m in particular and they include:

- the quay infrastructure at Zuid Izegem
- the quay infrastructure at Vanden Avenne Ooigem
- the turning basin embankments at Kachtem

Works at the three sites consist in the removal of the existing infrastructure, the construction of new vertical embankments (anchored steel sheet piles with concrete top) and the integration of the new structure in the existing surroundings. The Task builds on preparatory studies carried out under Activity 11(c) of SEINE-ESCAUT 2020.

The outcome of the task will be the completed upgrade of the quay infrastructure at Zuid Izegem and Vanden Avenne Ooigem, as well as of the turning basin embankments at Kachtem.

TASK 9.6 – SENEFFE-ANTWERP : Construction of the Zuid bridge at Halle and the Driefonteinen bridge in Sint-Pieters-Leeuw

The Task aims to build the Zuid bridge at Halle and the Driefonteinen bridge in Sint-Pieters-Leeuw with a clearance of 7,20m, as part of the overall upgrade of the Seneffe-Antwerp section to a full ECMT class IV waterway. The construction of the Zuid bridge is a necessary condition in order to remove the bottleneck for navigation formed by the adjacent Bospoort bridge (clearance of 4,70m – replacement to be included in a subsequent stage of the global project), the construction of the Driefonteinen bridge is a necessary condition in order to develop a regional transshipment centre in the immediate vicinity (also to be included in a subsequent stage of the global project).


For each of the two bridges, works consists in:

- the widening of the canal and the construction of new embankments;
- the civil engineering works for the foundations and steel structures of the new bridges;
- the necessary adaptations to the access roads to the new bridges.

STAFF EFFORT

Staff effort per participant <i>Grant Preparation (Work packages - Effort screen) — Enter the info.</i>										
Participant	WP1	WP2	WP3	WP4	WP5	WP6	WP7	WP8	WP9	Total Person-Months
Total Person-Months	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

LIST OF DELIVERABLES

Deliverables <i>Grant Preparation (Deliverables screen) — Enter the info.</i> <i>The labels used mean:</i> <i>Public — fully open ( automatically posted online)</i> <i>Sensitive — limited under the conditions of the Grant Agreement</i> <i>EU classified — RESTREINT-UE/EU-RESTRICTED, CONFIDENTIEL-UE/EU-CONFIDENTIAL, SECRET-UE/EU-SECRET under Decision 2015/444</i>						
Deliverable No	Deliverable Name	Work Package No	Lead Beneficiary	Type	Dissemination Level	Due Date (month)
D1.1	WP1 - Interim Technical Reporting to CINEA 1	WP1	1 - MTE	R — Document, report	SEN - Sensitive	38
D1.2	WP1 - Completion of the integrated management tasks of 2025	WP1	1 - MTE	R — Document, report	SEN - Sensitive	60
D1.3	WP1 - EEIG Annual progress report 2023	WP1	1 - MTE	R — Document, report	PU - Public	43
D1.4	WP1 - EEIG Annual progress report 2024	WP1	1 - MTE	R — Document, report	PU - Public	55
D2.1	T2.2 - Environmental authorisation for the calibration of the Sensée river	WP2	2 - VNF	R — Document, report	SEN - Sensitive	60
D2.2	T2.2 - ACT studies for the calibration of the Sensée river	WP2	2 - VNF	R — Document, report	SEN - Sensitive	72
D2.3	T2.3 - ACT studies and environmental authorisation (one per area to calibrate on the rest of the network)	WP2	2 - VNF	R — Document, report	SEN - Sensitive	31
D2.4	T2.4 - ACT studies and Environmental authorisation for all turning basins	WP2	2 - VNF	R — Document, report	SEN - Sensitive	72
D2.5	T2.4 - ACT study and authorisation for all waiting areas (up to 5)	WP2	2 - VNF	R — Document, report	SEN - Sensitive	61

Deliverables <i>Grant Preparation (Deliverables screen) — Enter the info.</i> <i>The labels used mean:</i> <i>Public — fully open (🚩 automatically posted online)</i> <i>Sensitive — limited under the conditions of the Grant Agreement</i> <i>EU classified — RESTREINT-UE/EU-RESTRICTED, CONFIDENTIEL-UE/EU-CONFIDENTIAL, SECRET-UE/EU-SECRET under Decision 2015/444</i>						
Deliverable No	Deliverable Name	Work Package No	Lead Beneficiary	Type	Dissemination Level	Due Date (month)
D2.6	T2.4 - ACT study and authorisation for all lock garages (up to 8)	WP2	2 - VNF	R — Document, report	SEN - Sensitive	61
D2.7	T2.5 - Approved Preliminary studies for the lengthening of the locks on the Douai network	WP2	2 - VNF	R — Document, report	SEN - Sensitive	54
D2.8	T2.6 - PRO studies for doubling the Fontinette lock	WP2	2 - VNF	R — Document, report	SEN - Sensitive	60
D2.9	T2.6 - Environmental authorisation to double up the Fontinette lock	WP2	2 - VNF	R — Document, report	SEN - Sensitive	72
D2.10	T2.7 - Preliminary studies for doubling/lengthening 3 locks on the Dunkerque-Cuinchy section	WP2	2 - VNF	R — Document, report	SEN - Sensitive	42
D2.11	T2.8 - Preliminary studies for doubling/lengthening 6 (or 9) locks on the Deule and Scheldt	WP2	2 - VNF	R — Document, report	SEN - Sensitive	54
D2.12	T2.9 - Approved PRO studies for the surface curve on the Fontinettes reach	WP2	2 - VNF	R — Document, report	SEN - Sensitive	48
D2.13	T2.10 - Approved preliminary studies to regenerate the downstream head of the Fontinettes lock	WP2	2 - VNF	R — Document, report	SEN - Sensitive	42
D3.1	T3.1 - Commissioning of the remote control	WP3	2 - VNF	R — Document, report	SEN - Sensitive	72

Deliverables

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Deliverable No	Deliverable Name	Work Package No	Lead Beneficiary	Type	Dissemination Level	Due Date (month)
	on the Bauvin-Dunkerque axis. Remote control is operational on all 20 locks of the Dunkerque-Scheldt axis					
D3.2	T3.2 - The riverbanks have been calibrated on the Dunkerque-Scheldt axis	WP3	2 - VNF	R — Document, report	SEN - Sensitive	24
D3.3	T3.2 - The Quesnoy-sur-Deûle lock is lengthened up to 143 m and all main works have been completed	WP3	2 - VNF	R — Document, report	SEN - Sensitive	60
D3.4	T3.4 - The Condé-Pommerœul canal is fully landscaped	WP3	2 - VNF	R — Document, report	SEN - Sensitive	72
D3.5	T3.4 - All sediment disposal sites are dried out and landscaped	WP3	2 - VNF	R — Document, report	SEN - Sensitive	72
D3.6	T3.5 - Section 1 of the Lys Mitoyenne is deepened up to 4,50m	WP3	2 - VNF	R — Document, report	SEN - Sensitive	61
D4.1	T4.2 - Parking convoys PRO studies	WP4	2 - VNF	R — Document, report	SEN - Sensitive	72
D4.2	T4.3 - Remote control lower Seine PRO studies	WP4	2 - VNF	R — Document, report	SEN - Sensitive	72
D4.3	T4.4 - Refurbishment lock 1 at Notre Dame de la Garenne PRO studies	WP4	2 - VNF	R — Document, report	SEN - Sensitive	72
D4.4	T4.5 - Refurbishment Suresnes lock 3 PRO studies	WP4	2 - VNF	R — Document, report	SEN - Sensitive	60

Deliverables <i>Grant Preparation (Deliverables screen) — Enter the info.</i> <i>The labels used mean:</i> <i>Public — fully open (🚩 automatically posted online)</i> <i>Sensitive — limited under the conditions of the Grant Agreement</i> <i>EU classified — RESTREINT-UE/EU-RESTRICTED, CONFIDENTIEL-UE/EU-CONFIDENTIAL, SECRET-UE/EU-SECRET under Decision 2015/444</i>						
Deliverable No	Deliverable Name	Work Package No	Lead Beneficiary	Type	Dissemination Level	Due Date (month)
D4.5	T4.6 - Suresnes dam (barrages à hausses) refurbishment AVP studies	WP4	2 - VNF	R — Document, report	SEN - Sensitive	72
D4.6	T4.7 - Méricourt dam refurbishment PRO studies completed	WP4	2 - VNF	R — Document, report	SEN - Sensitive	72
D4.7	T4.8 - Lock refurbishment PRO studies (1st lock site)	WP4	2 - VNF	R — Document, report	SEN - Sensitive	24
D4.8	T4.8 - Lock refurbishment PRO studies (2nd lock site)	WP4	2 - VNF	R — Document, report	SEN - Sensitive	36
D4.9	T4.8 - Lock refurbishment PRO studies (3rd lock site)	WP4	2 - VNF	R — Document, report	SEN - Sensitive	48
D4.10	T4.8 - Lock refurbishment PRO studies (4th lock site)	WP4	2 - VNF	R — Document, report	SEN - Sensitive	60
D4.11	T4.8 - Lock refurbishment PRO studies (5th lock site)	WP4	2 - VNF	R — Document, report	SEN - Sensitive	72
D4.12	T4.9 - Port-Mort dam treatment of the downstream erosion pit EP studies	WP4	2 - VNF	R — Document, report	SEN - Sensitive	36
D4.13	T3.10 - Reliability of the water line for the reach of Andresy-Denouval PRO studies	WP4	2 - VNF	R — Document, report	SEN - Sensitive	48
D4.14	T3.11 - PRO studies pertaining remote control upstream Seine	WP4	2 - VNF	R — Document, report	SEN - Sensitive	72

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Deliverable No	Deliverable Name	Work Package No	Lead Beneficiary	Type	Dissemination Level	Due Date (month)
D4.15	T4.12 - Bray Nogent environmental authorisation	WP4	2 - VNF	R — Document, report	SEN - Sensitive	72
D4.16	T4.13 - PRO studies for Livon dam refurbishment	WP4	2 - VNF	R — Document, report	SEN - Sensitive	60
D4.17	T4.14 - PRO studies pertaining to the refurbishment of the Evry main Lock	WP4	2 - VNF	R — Document, report	SEN - Sensitive	48
D4.18	T4.15 - PRO studies pertaining to the refurbishment of the Port à l'Anglais dam	WP4	2 - VNF	R — Document, report	SEN - Sensitive	48
D4.19	T4.16 - PRO studies for the upgrade of Ablon Lock	WP4	2 - VNF	R — Document, report	SEN - Sensitive	46
D4.20	T4.17 - Environmental authorisation request submitted for the refurbishment of the Vigneux Lock	WP4	2 - VNF	R — Document, report	SEN - Sensitive	48
D5.1	T5.1 - Remote control Oise works completed (3 locks equipped, all sites connected to optic fiber)	WP5	2 - VNF	R — Document, report	SEN - Sensitive	48
D5.2	T5.2 - Lower Seine remote control works completed (1 operational remote control center, 3 locks equipped, all sites connected to optic fiber)	WP5	2 - VNF	R — Document, report	SEN - Sensitive	72
D5.3	T5.3 - All works for user services completed	WP5	2 - VNF	R — Document, report	SEN - Sensitive	72

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Deliverable No	Deliverable Name	Work Package No	Lead Beneficiary	Type	Dissemination Level	Due Date (month)
D5.4	T5.4 - Méricourt locks 1 and 2 refurbished	WP5	2 - VNF	R — Document, report	SEN - Sensitive	48
D5.5	T5.5 - New Amfreville overpass built and in service	WP5	2 - VNF	R — Document, report	SEN - Sensitive	66
D5.6	T5.6 - Port-Mort dam modernised	WP5	2 - VNF	R — Document, report	SEN - Sensitive	72
D5.7	T5.7 - Poses dam refurbished	WP5	2 - VNF	R — Document, report	SEN - Sensitive	72
D5.8	T5.8 - Suresnes gated dam (barrages à vannes) modernised	WP5	2 - VNF	R — Document, report	SEN - Sensitive	60
D5.9	T5.9 - Croissy dike refurbished	WP5	2 - VNF	R — Document, report	SEN - Sensitive	60
D5.10	T5.10 - Suresnes Lock 1, Chatoux Lock, Andrézy Lock and Notre Dame de la Garenne Lock 3 and 4 refurbished	WP5	2 - VNF	R — Document, report	SEN - Sensitive	72
D5.11	T5.11 - Upstream Seine remote control works completed (1 operational remote control center and 5 locks equipped and all site connected to optic fiber)	WP5	2 - VNF	R — Document, report	SEN - Sensitive	72
D5.12	T5.12 - 2 boathouses refurbished to improve user services	WP5	2 - VNF	R — Document, report	SEN - Sensitive	60
D5.13	T5.13 - Beaulieu dam refurbished	WP5	2 - VNF	R — Document, report	SEN - Sensitive	72
D5.14	T5.14 - Champagne lock 2 refurbished	WP5	2 - VNF	R — Document, report	SEN - Sensitive	36

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Deliverable No	Deliverable Name	Work Package No	Lead Beneficiary	Type	Dissemination Level	Due Date (month)
D5.15	T5.15 - Evry main Lock refurbished	WP5	2 - VNF	R — Document, report	SEN - Sensitive	48
D5.16	T5.16 - Port à l'Anglais dam refurbished	WP5	2 - VNF	R — Document, report	SEN - Sensitive	48
D5.17	T5.17 - Ablon lock deepened and possibly lengthened	WP5	2 - VNF	R — Document, report	SEN - Sensitive	60
D5.18	T5.18 - Evry fishway built and in service	WP5	2 - VNF	R — Document, report	SEN - Sensitive	60
D6.1	T6.2 - Final report of the updated Strategic Environmental Assessment	WP6	3 - SPW MI	R — Document, report	SEN - Sensitive	48
D6.2	T6.2 - Final report of the navigation and trajectography studies	WP6	3 - SPW MI	R — Document, report	SEN - Sensitive	55
D6.3	T6.3 - Final report of geotechnical studies for the Sambre section	WP6	3 - SPW MI	R — Document, report	SEN - Sensitive	36
D6.4	T6.3 - Technical specifications for the procurement of the works for a quay in Tertre	WP6	3 - SPW MI	R — Document, report	SEN - Sensitive	48
D6.5	T6.4 - Technical specifications for the procurement of the works for the doubling of the locks of Hérinnes and Kain	WP6	3 - SPW MI	R — Document, report	SEN - Sensitive	72
D6.6	T6.5 - Technical specifications for the procurement of the works to upgrade the weir Comines	WP6	3 - SPW MI	R — Document, report	SEN - Sensitive	48
D6.7	T6.6 - Technical specifications for the	WP6	3 - SPW MI	R — Document, report	SEN - Sensitive	60

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Deliverable No	Deliverable Name	Work Package No	Lead Beneficiary	Type	Dissemination Level	Due Date (month)
	procurement of the works for the upgrade of the Ittre site					
D7.1	T7.1 - Nimy-Blaton-Péronnes canal upgraded to ECMT class Va between Pommeroeul and Nimy	WP7	3 - SPW MI	R — Document, report	SEN - Sensitive	60
D7.2	T7.2 - Crossing area in Franière upgraded to ECMT Va class	WP7	3 - SPW MI	R — Document, report	SEN - Sensitive	48
D7.3	T7.2 - Turning basin in Franière upgraded to ECMT class Va	WP7	3 - SPW MI	R — Document, report	SEN - Sensitive	60
D7.4	T7.3 - Upgraded control equipment of 8 sites on the lower Sambre to prepare their remote control	WP7	3 - SPW MI	R — Document, report	SEN - Sensitive	72
D7.5	T7.3 - Four physically secured sites (out of to 8 sites) on the lower Sambre to prepare their remote control : Salzinnes, Floriffoux, Mornimont and Auvélais	WP7	3 - SPW MI	R — Document, report	SEN - Sensitive	72
D7.6	T7.5 - Fully functional and upgraded 1st caisson of the Ronquière Inclined plane	WP7	3 - SPW MI	R — Document, report	SEN - Sensitive	72
D8.1	T8.2 - Masterplan of watersystem	WP8	4 - DVW	R — Document, report	SEN - Sensitive	48
D8.2	T8.2 - Economic evaluation tool Transport Bis	WP8	4 - DVW	R — Document, report	SEN - Sensitive	24

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Deliverable No	Deliverable Name	Work Package No	Lead Beneficiary	Type	Dissemination Level	Due Date (month)
D8.3	T8.3 - Global studies Lys axis: ecosystem services survey available	WP8	4 - DVW	R — Document, report	SEN - Sensitive	48
D8.4	T8.3 - Global studies Lys axis: traffic management model	WP8	4 - DVW	R — Document, report	SEN - Sensitive	48
D8.5	T8.4 - Project studies Lys axis: EIA calibration section 150	WP8	4 - DVW	R — Document, report	SEN - Sensitive	36
D8.6	T8.4 - Project studies Lys axis: permit application / tender documents calibration works section 150	WP8	4 - DVW	R — Document, report	SEN - Sensitive	43
D8.7	T8.5 - Reengineering existing locks Upper-Scheldt – permit application and procurement documents for reliability and capacity works	WP8	4 - DVW	R — Document, report	SEN - Sensitive	39
D8.8	T8.6 - PPP roadmap for the new locks Upper-Scheldt	WP8	4 - DVW	R — Document, report	SEN - Sensitive	43
D8.9	T8.8 - PPP roadmap for the new lock Dampoort Bruges	WP8	4 - DVW	R — Document, report	SEN - Sensitive	36
D8.10	T8.8 - Implementation plan upgrading canal Ghent-Ostend	WP8	4 - DVW	R — Document, report	SEN - Sensitive	48
D8.11	T8.8 - Permit application / tender documents	WP8	4 - DVW	R — Document, report	SEN - Sensitive	48

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Deliverable No	Deliverable Name	Work Package No	Lead Beneficiary	Type	Dissemination Level	Due Date (month)
	for the reconstruction of the bridge Kruispoort I Bruges					
D8.12	T8.9 - Implementation plan upgrade canal Roeselare-Lys	WP8	4 - DVW	R — Document, report	SEN - Sensitive	48
D8.13	T8.10 - Implementation plan upgrade canal Bossuit-Kortrijk	WP8	4 - DVW	R — Document, report	SEN - Sensitive	48
D8.14	T8.11 - Implementation plan modernisation Seneffe-Antwerp section	WP8	4 - DVW	R — Document, report	SEN - Sensitive	33
D9.1	T9.1 - Calibration works for zone A of section 140 completed	WP9	4 - DVW	R — Document, report	SEN - Sensitive	48
D9.2	T9.1 - Calibration works for zone B of section 140 completed	WP9	4 - DVW	R — Document, report	SEN - Sensitive	69
D9.3	T9.2 - The cyclist bridge F422 Deinze is completed	WP9	4 - DVW	R — Document, report	SEN - Sensitive	48
D9.4	T9.3 - The embankments at the cyclist bridge in Menen are completed	WP9	4 - DVW	R — Document, report	SEN - Sensitive	43
D9.5	T9.4 - The Lysbridge in Ingelmunster is completed	WP9	4 - DVW	R — Document, report	SEN - Sensitive	46
D9.6	T9.5 - The upgrade of the quay Zuid at Izegem is completed	WP9	4 - DVW	R — Document, report	SEN - Sensitive	41

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Deliverable No	Deliverable Name	Work Package No	Lead Beneficiary	Type	Dissemination Level	Due Date (month)
D9.7	T9.5 - The upgrade of the quay Vanden Avenne at Ooigem is completed	WP9	4 - DVW	R — Document, report	SEN - Sensitive	34
D9.8	T9.5 - The upgrade of the turning basin at Kachtem is completed	WP9	4 - DVW	R — Document, report	SEN - Sensitive	47
D9.9	T9.6 - The Zuid bridge in Halle is completed	WP9	4 - DVW	R — Document, report	SEN - Sensitive	21
D9.10	T9.6 - The Driefonteinen bridge in Sint-Pieters-Leeuw is completed	WP9	4 - DVW	R — Document, report	SEN - Sensitive	21

Deliverable D1.1 – WP1 - Interim Technical Reporting to CINEA 1

Deliverable Number	D1.1	Lead Beneficiary	1. MTE
Deliverable Name	WP1 - Interim Technical Reporting to CINEA 1		
Type	R — Document, report	Dissemination Level	SEN - Sensitive
Due Date (month)	38	Work Package No	WP1

Description
Progress Report to CINEA following the provided template.

Deliverable D1.2 – WP1 - Completion of the integrated management tasks of 2025

Deliverable Number	D1.2	Lead Beneficiary	1. MTE
Deliverable Name	WP1 - Completion of the integrated management tasks of 2025		
Type	R — Document, report	Dissemination Level	SEN - Sensitive
Due Date (month)	60	Work Package No	WP1

Description
2025 Minutes of meetings of the IGC and the EEIG approved by all participants

Deliverable D1.3 – WP1 - EEIG Annual progress report 2023

Deliverable Number	D1.3	Lead Beneficiary	1. MTE
Deliverable Name	WP1 - EEIG Annual progress report 2023		
Type	R — Document, report	Dissemination Level	PU - Public
Due Date (month)	43	Work Package No	WP1

Description
EEIG Annual progress report describing progress in the implementation of the Project, coordination, communication and dissemination activities (EN, PDF)

Deliverable D1.4 – WP1 - EEIG Annual progress report 2024

Deliverable Number	D1.4	Lead Beneficiary	1. MTE
Deliverable Name	WP1 - EEIG Annual progress report 2024		
Type	R — Document, report	Dissemination Level	PU - Public
Due Date (month)	55	Work Package No	WP1

Description
EEIG Annual progress report describing progress in the implementation of the Project, coordination, communication and dissemination activities (EN, PDF)

Deliverable D2.1 – T2.2 - Environmental authorisation for the calibration of the Sensée river

Deliverable Number	D2.1	Lead Beneficiary	2. VNF
Deliverable Name	T2.2 - Environmental authorisation for the calibration of the Sensée river		
Type	R — Document, report	Dissemination Level	SEN - Sensitive
Due Date (month)	60	Work Package No	WP2

Description
Prefectural decree (PDF, FR)

Deliverable D2.2 – T2.2 - ACT studies for the calibration of the Sensée river

Deliverable Number	D2.2	Lead Beneficiary	2. VNF
Deliverable Name	T2.2 - ACT studies for the calibration of the Sensée river		
Type	R — Document, report	Dissemination Level	SEN - Sensitive
Due Date (month)	72	Work Package No	WP2

Description
Publication of tenders (PDF, FR)

Deliverable D2.3 – T2.3 - ACT studies and environmental authorisation (one per area to calibrate on the rest of the network)

Deliverable Number	D2.3	Lead Beneficiary	2. VNF
Deliverable Name	T2.3 - ACT studies and environmental authorisation (one per area to calibrate on the rest of the network)		
Type	R — Document, report	Dissemination Level	SEN - Sensitive
Due Date (month)	31	Work Package No	WP2

Description
Publication of tenders (PDF, FR)

Deliverable D2.4 – T2.4 - ACT studies and Environmental authorisation for all turning basins

Deliverable Number	D2.4	Lead Beneficiary	2. VNF
Deliverable Name	T2.4 - ACT studies and Environmental authorisation for all turning basins		
Type	R — Document, report	Dissemination Level	SEN - Sensitive
Due Date (month)	72	Work Package No	WP2

Description
Publication of tenders (PDF, FR) Prefectural decree (PDF, FR)

Deliverable D2.5 – T2.4 - ACT study and authorisation for all waiting areas (up to 5)

Deliverable Number	D2.5	Lead Beneficiary	2. VNF
Deliverable Name	T2.4 - ACT study and authorisation for all waiting areas (up to 5)		
Type	R — Document, report	Dissemination Level	SEN - Sensitive
Due Date (month)	61	Work Package No	WP2

Description
Publication of tenders (PDF, FR) Prefectural decree (PDF, FR)

Deliverable D2.6 – T2.4 - ACT study and authorisation for all lock garages (up to 8)

Deliverable Number	D2.6	Lead Beneficiary	2. VNF
Deliverable Name	T2.4 - ACT study and authorisation for all lock garages (up to 8)		
Type	R — Document, report	Dissemination Level	SEN - Sensitive
Due Date (month)	61	Work Package No	WP2

Description
Publication of the tenders (PDF, FR)

Deliverable D2.7 – T2.5 - Approved Preliminary studies for the lengthening of the locks on the Douai network

Deliverable Number	D2.7	Lead Beneficiary	2. VNF
Deliverable Name	T2.5 - Approved Preliminary studies for the lengthening of the locks on the Douai network		
Type	R — Document, report	Dissemination Level	SEN - Sensitive
Due Date (month)	54	Work Package No	WP2

Description
Study report (PDF, FR)

Deliverable D2.8 – T2.6 - PRO studies for doubling the Fontinette lock

Deliverable Number	D2.8	Lead Beneficiary	2. VNF
Deliverable Name	T2.6 - PRO studies for doubling the Fontinette lock		
Type	R — Document, report	Dissemination Level	SEN - Sensitive
Due Date (month)	60	Work Package No	WP2

Description
Study report (PDF, FR)

Deliverable D2.9 – T2.6 - Environmental authorisation to double up the Fontinette lock

Deliverable Number	D2.9	Lead Beneficiary	2. VNF
Deliverable Name	T2.6 - Environmental authorisation to double up the Fontinette lock		
Type	R — Document, report	Dissemination Level	SEN - Sensitive
Due Date (month)	72	Work Package No	WP2

Description
Prefectural decree (PDF, FR)

Deliverable D2.10 – T2.7 - Preliminary studies for doubling/lengthening 3 locks on the Dunkerque-Cuinchy section

Deliverable Number	D2.10	Lead Beneficiary	2. VNF
Deliverable Name	T2.7 - Preliminary studies for doubling/lengthening 3 locks on the Dunkerque-Cuinchy section		
Type	R — Document, report	Dissemination Level	SEN - Sensitive
Due Date (month)	42	Work Package No	WP2

Description
Study report (PDF, FR)

Deliverable D2.11 – T2.8 - Preliminary studies for doubling/lengthening 6 (or 9) locks on the Deule and Scheldt

Deliverable Number	D2.11	Lead Beneficiary	2. VNF
Deliverable Name	T2.8 - Preliminary studies for doubling/lengthening 6 (or 9) locks on the Deule and Scheldt		
Type	R — Document, report	Dissemination Level	SEN - Sensitive
Due Date (month)	54	Work Package No	WP2

Description
Study report (PDF, FR)

Deliverable D2.12 – T2.9 - Approved PRO studies for the surface curve on the Fontinettes reach

Deliverable Number	D2.12	Lead Beneficiary	2. VNF
Deliverable Name	T2.9 - Approved PRO studies for the surface curve on the Fontinettes reach		
Type	R — Document, report	Dissemination Level	SEN - Sensitive
Due Date (month)	48	Work Package No	WP2

Description

Study report (PDF, FR)

Deliverable D2.13 – T2.10 - Approved preliminary studies to regenerate the downstream head of the Fontinettes lock

Deliverable Number	D2.13	Lead Beneficiary	2. VNF
Deliverable Name	T2.10 - Approved preliminary studies to regenerate the downstream head of the Fontinettes lock		
Type	R — Document, report	Dissemination Level	SEN - Sensitive
Due Date (month)	42	Work Package No	WP2

Description

Study report (PDF, FR)

Deliverable D3.1 – T3.1 - Commissioning of the remote control on the Bauvin-Dunkerque axis. Remote control is operational on all 20 locks of the Dunkerque-Scheldt axis

Deliverable Number	D3.1	Lead Beneficiary	2. VNF
Deliverable Name	T3.1 - Commissioning of the remote control on the Bauvin-Dunkerque axis. Remote control is operational on all 20 locks of the Dunkerque-Scheldt axis		
Type	R — Document, report	Dissemination Level	SEN - Sensitive
Due Date (month)	72	Work Package No	WP3

Description

Acceptance of works (FR, PDF)

Deliverable D3.2 – T3.2 - The riverbanks have been calibrated on the Dunkerque-Scheldt axis

Deliverable Number	D3.2	Lead Beneficiary	2. VNF
Deliverable Name	T3.2 - The riverbanks have been calibrated on the Dunkerque-Scheldt axis		
Type	R — Document, report	Dissemination Level	SEN - Sensitive
Due Date (month)	24	Work Package No	WP3

Description

Acceptance of works (FR, PDF)

Deliverable D3.3 – T3.2 - The Quesnoy-sur-Deûle lock is lengthened up to 143 m and all main works have been completed

Deliverable Number	D3.3	Lead Beneficiary	2. VNF
Deliverable Name	T3.2 - The Quesnoy-sur-Deûle lock is lengthened up to 143 m and all main works have been completed		

Type	R — Document, report	Dissemination Level	SEN - Sensitive
Due Date (month)	60	Work Package No	WP3

Description
Acceptance of works s (FR, PDF)

Deliverable D3.4 – T3.4 - The Condé-Pommerœul canal is fully landscaped

Deliverable Number	D3.4	Lead Beneficiary	2. VNF
Deliverable Name	T3.4 - The Condé-Pommerœul canal is fully landscaped		
Type	R — Document, report	Dissemination Level	SEN - Sensitive
Due Date (month)	72	Work Package No	WP3

Description
Acceptance of works (FR, PDF)

Deliverable D3.5 – T3.4 - All sediment disposal sites are dried out and landscaped

Deliverable Number	D3.5	Lead Beneficiary	2. VNF
Deliverable Name	T3.4 - All sediment disposal sites are dried out and landscaped		
Type	R — Document, report	Dissemination Level	SEN - Sensitive
Due Date (month)	72	Work Package No	WP3

Description
Acceptance of works (FR, PDF)

Deliverable D3.6 – T3.5 - Section 1 of the Lys Mitoyenne is deepened up to 4,50m

Deliverable Number	D3.6	Lead Beneficiary	2. VNF
Deliverable Name	T3.5 - Section 1 of the Lys Mitoyenne is deepened up to 4,50m		
Type	R — Document, report	Dissemination Level	SEN - Sensitive
Due Date (month)	61	Work Package No	WP3

Description
Acceptance of works (FR, PDF)

Deliverable D4.1 – T4.2 - Parking convoys PRO studies

Deliverable Number	D4.1	Lead Beneficiary	2. VNF
Deliverable Name	T4.2 - Parking convoys PRO studies		
Type	R — Document, report	Dissemination Level	SEN - Sensitive

Due Date (month)	72	Work Package No	WP4
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Description
Project studies approval by VNF (FR, PDF)

Deliverable D4.2 – T4.3 - Remote control lower Seine PRO studies

Deliverable Number	D4.2	Lead Beneficiary	2. VNF
Deliverable Name	T4.3 - Remote control lower Seine PRO studies		
Type	R — Document, report	Dissemination Level	SEN - Sensitive
Due Date (month)	72	Work Package No	WP4

Description
Project studies approval by VNF (FR, PDF) for the remote control centre as well as for the individual locks and dams covered by the task

Deliverable D4.3 – T4.4 - Refurbishment lock 1 at Notre Dame de la Garenne PRO studies

Deliverable Number	D4.3	Lead Beneficiary	2. VNF
Deliverable Name	T4.4 - Refurbishment lock 1 at Notre Dame de la Garenne PRO studies		
Type	R — Document, report	Dissemination Level	SEN - Sensitive
Due Date (month)	72	Work Package No	WP4

Description
Project studies approval by VNF (FR, PDF)

Deliverable D4.4 – T4.5 - Refurbishment Suresnes lock 3 PRO studies

Deliverable Number	D4.4	Lead Beneficiary	2. VNF
Deliverable Name	T4.5 - Refurbishment Suresnes lock 3 PRO studies		
Type	R — Document, report	Dissemination Level	SEN - Sensitive
Due Date (month)	60	Work Package No	WP4

Description
Pre-design studies approval by VNF (FR, PDF)

Deliverable D4.5 – T4.6 - Suresnes dam (barrages à hausses) refurbishment AVP studies

Deliverable Number	D4.5	Lead Beneficiary	2. VNF
Deliverable Name	T4.6 - Suresnes dam (barrages à hausses) refurbishment AVP studies		
Type	R — Document, report	Dissemination Level	SEN - Sensitive

Due Date (month)	72	Work Package No	WP4
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Description
Project studies approval by VNF (FR, PDF)

Deliverable D4.6 – T4.7 - Méricourt dam refurbishment PRO studies completed

Deliverable Number	D4.6	Lead Beneficiary	2. VNF
Deliverable Name	T4.7 - Méricourt dam refurbishment PRO studies completed		
Type	R — Document, report	Dissemination Level	SEN - Sensitive
Due Date (month)	72	Work Package No	WP4

Description
Project studies approval by VNF (FR, PDF)

Deliverable D4.7 – T4.8 - Lock refurbishment PRO studies (1st lock site)

Deliverable Number	D4.7	Lead Beneficiary	2. VNF
Deliverable Name	T4.8 - Lock refurbishment PRO studies (1st lock site)		
Type	R — Document, report	Dissemination Level	SEN - Sensitive
Due Date (month)	24	Work Package No	WP4

Description
Project studies approval by VNF (FR, PDF)

Deliverable D4.8 – T4.8 - Lock refurbishment PRO studies (2nd lock site)

Deliverable Number	D4.8	Lead Beneficiary	2. VNF
Deliverable Name	T4.8 - Lock refurbishment PRO studies (2nd lock site)		
Type	R — Document, report	Dissemination Level	SEN - Sensitive
Due Date (month)	36	Work Package No	WP4

Description
Project studies approval by VNF (FR, PDF)

Deliverable D4.9 – T4.8 - Lock refurbishment PRO studies (3rd lock site)

Deliverable Number	D4.9	Lead Beneficiary	2. VNF
Deliverable Name	T4.8 - Lock refurbishment PRO studies (3rd lock site)		
Type	R — Document, report	Dissemination Level	SEN - Sensitive
Due Date (month)	48	Work Package No	WP4

Description
Project studies approval by VNF (FR, PDF)

Deliverable D4.10 – T4.8 - Lock refurbishment PRO studies (4th lock site)

Deliverable Number	D4.10	Lead Beneficiary	2. VNF
Deliverable Name	T4.8 - Lock refurbishment PRO studies (4th lock site)		
Type	R — Document, report	Dissemination Level	SEN - Sensitive
Due Date (month)	60	Work Package No	WP4

Description
Project studies approval by VNF (FR, PDF)

Deliverable D4.11 – T4.8 - Lock refurbishment PRO studies (5th lock site)

Deliverable Number	D4.11	Lead Beneficiary	2. VNF
Deliverable Name	T4.8 - Lock refurbishment PRO studies (5th lock site)		
Type	R — Document, report	Dissemination Level	SEN - Sensitive
Due Date (month)	72	Work Package No	WP4

Description
Project studies approval by VNF (FR, PDF)

Deliverable D4.12 – T4.9 - Port-Mort dam treatment of the downstream erosion pit EP studies

Deliverable Number	D4.12	Lead Beneficiary	2. VNF
Deliverable Name	T4.9 - Port-Mort dam treatment of the downstream erosion pit EP studies		
Type	R — Document, report	Dissemination Level	SEN - Sensitive
Due Date (month)	36	Work Package No	WP4

Description
EP studies approval by VNF (FR, PDF)

Deliverable D4.13 – T3.10 - Reliability of the water line for the reach of Andresy-Denouval PRO studies

Deliverable Number	D4.13	Lead Beneficiary	2. VNF
Deliverable Name	T3.10 - Reliability of the water line for the reach of Andresy-Denouval PRO studies		
Type	R — Document, report	Dissemination Level	SEN - Sensitive
Due Date (month)	48	Work Package No	WP4

Description
Project studies approval by VNF (FR, PDF)

Deliverable D4.14 – T3.11 - PRO studies pertaining remote control upstream Seine

Deliverable Number	D4.14	Lead Beneficiary	2. VNF
Deliverable Name	T3.11 - PRO studies pertaining remote control upstream Seine		
Type	R — Document, report	Dissemination Level	SEN - Sensitive
Due Date (month)	72	Work Package No	WP4

Description
Project studies approval by VNF (FR, PDF)

Deliverable D4.15 – T4.12 - Bray Nogent environmental authorisation

Deliverable Number	D4.15	Lead Beneficiary	2. VNF
Deliverable Name	T4.12 - Bray Nogent environmental authorisation		
Type	R — Document, report	Dissemination Level	SEN - Sensitive
Due Date (month)	72	Work Package No	WP4

Description
Prefectural decree (FR, PDF)

Deliverable D4.16 – T4.13 - PRO studies for Livon dam refurbishment

Deliverable Number	D4.16	Lead Beneficiary	2. VNF
Deliverable Name	T4.13 - PRO studies for Livon dam refurbishment		
Type	R — Document, report	Dissemination Level	SEN - Sensitive
Due Date (month)	60	Work Package No	WP4

Description
Project studies approval by VNF (FR, PDF)

Deliverable D4.17 – T4.14 - PRO studies pertaining to the refurbishment of the Evry main Lock

Deliverable Number	D4.17	Lead Beneficiary	2. VNF
Deliverable Name	T4.14 - PRO studies pertaining to the refurbishment of the Evry main Lock		
Type	R — Document, report	Dissemination Level	SEN - Sensitive
Due Date (month)	48	Work Package No	WP4

Description			
Project studies approval by VNF (FR, PDF)			

Deliverable D4.18 – T4.15 - PRO studies pertaining to the refurbishment of the Port à l'Anglais dam

Deliverable Number	D4.18	Lead Beneficiary	2. VNF
Deliverable Name	T4.15 - PRO studies pertaining to the refurbishment of the Port à l'Anglais dam		
Type	R — Document, report	Dissemination Level	SEN - Sensitive
Due Date (month)	48	Work Package No	WP4

Description			
Project studies approval by VNF (FR, PDF)			

Deliverable D4.19 – T4.16 - PRO studies for the upgrade of Ablon Lock

Deliverable Number	D4.19	Lead Beneficiary	2. VNF
Deliverable Name	T4.16 - PRO studies for the upgrade of Ablon Lock		
Type	R — Document, report	Dissemination Level	SEN - Sensitive
Due Date (month)	46	Work Package No	WP4

Description			
Project studies approval by VNF (FR, PDF)			

Deliverable D4.20 – T4.17 - Environmental authorisation request submitted for the refurbishment of the Vigneux Lock

Deliverable Number	D4.20	Lead Beneficiary	2. VNF
Deliverable Name	T4.17 - Environmental authorisation request submitted for the refurbishment of the Vigneux Lock		
Type	R — Document, report	Dissemination Level	SEN - Sensitive
Due Date (month)	48	Work Package No	WP4

Description			
Preliminary studies approval by VNF (FR, PDF)			

Deliverable D5.1 – T5.1 - Remote control Oise works completed (3 locks equipped, all sites connected to optic fiber)

Deliverable Number	D5.1	Lead Beneficiary	2. VNF
Deliverable Name	T5.1 - Remote control Oise works completed (3 locks equipped, all sites connected to optic fiber)		

Type	R — Document, report	Dissemination Level	SEN - Sensitive
Due Date (month)	48	Work Package No	WP5

Description
Provisional acceptance document (FR, PDF)

Deliverable D5.2 – T5.2 - Lower Seine remote control works completed (1 operational remote control center, 3 locks equipped, all sites connected to optic fiber)

Deliverable Number	D5.2	Lead Beneficiary	2. VNF
Deliverable Name	T5.2 - Lower Seine remote control works completed (1 operational remote control center, 3 locks equipped, all sites connected to optic fiber)		
Type	R — Document, report	Dissemination Level	SEN - Sensitive
Due Date (month)	72	Work Package No	WP5

Description
Provisional acceptance document (FR, PDF)

Deliverable D5.3 – T5.3 - All works for user services completed

Deliverable Number	D5.3	Lead Beneficiary	2. VNF
Deliverable Name	T5.3 - All works for user services completed		
Type	R — Document, report	Dissemination Level	SEN - Sensitive
Due Date (month)	72	Work Package No	WP5

Description
Provisional acceptance document (FR, PDF)

Deliverable D5.4 – T5.4 - Méricourt locks 1 and 2 refurbished

Deliverable Number	D5.4	Lead Beneficiary	2. VNF
Deliverable Name	T5.4 - Méricourt locks 1 and 2 refurbished		
Type	R — Document, report	Dissemination Level	SEN - Sensitive
Due Date (month)	48	Work Package No	WP5

Description
Provisional acceptance document (FR, PDF)

Deliverable D5.5 – T5.5 - New Amfreville overpass built and in service

Deliverable Number	D5.5	Lead Beneficiary	2. VNF
Deliverable Name	T5.5 - New Amfreville overpass built and in service		

Type	R — Document, report	Dissemination Level	SEN - Sensitive
Due Date (month)	66	Work Package No	WP5

Description
Provisional acceptance document (FR, PDF)

Deliverable D5.6 – T5.6 - Port-Mort dam modernised

Deliverable Number	D5.6	Lead Beneficiary	2. VNF
Deliverable Name	T5.6 - Port-Mort dam modernised		
Type	R — Document, report	Dissemination Level	SEN - Sensitive
Due Date (month)	72	Work Package No	WP5

Description
Provisional acceptance document (FR, PDF)

Deliverable D5.7 – T5.7 - Poses dam refurbished

Deliverable Number	D5.7	Lead Beneficiary	2. VNF
Deliverable Name	T5.7 - Poses dam refurbished		
Type	R — Document, report	Dissemination Level	SEN - Sensitive
Due Date (month)	72	Work Package No	WP5

Description
Provisional acceptance document (FR, PDF)

Deliverable D5.8 – T5.8 - Suresnes gated dam (barrages à vannes) modernised

Deliverable Number	D5.8	Lead Beneficiary	2. VNF
Deliverable Name	T5.8 - Suresnes gated dam (barrages à vannes) modernised		
Type	R — Document, report	Dissemination Level	SEN - Sensitive
Due Date (month)	60	Work Package No	WP5

Description
Provisional acceptance document (FR, PDF)

Deliverable D5.9 – T5.9 - Croissy dike refurbished

Deliverable Number	D5.9	Lead Beneficiary	2. VNF
Deliverable Name	T5.9 - Croissy dike refurbished		
Type	R — Document, report	Dissemination Level	SEN - Sensitive

Due Date (month)	60	Work Package No	WP5
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Description
Provisional acceptance document (FR, PDF)

Deliverable D5.10 – T5.10 - Suresnes Lock 1, Chatoux Lock, Andrésy Lock and Notre Dame de la Garenne Lock 3 and 4 refurbished

Deliverable Number	D5.10	Lead Beneficiary	2. VNF
Deliverable Name	T5.10 - Suresnes Lock 1, Chatoux Lock, Andrésy Lock and Notre Dame de la Garenne Lock 3 and 4 refurbished		
Type	R — Document, report	Dissemination Level	SEN - Sensitive
Due Date (month)	72	Work Package No	WP5

Description
Provisional acceptance document (FR, PDF)

Deliverable D5.11 – T5.11 - Upstream Seine remote control works completed (1 operational remote control center and 5 locks equipped and all site connected to optic fiber)

Deliverable Number	D5.11	Lead Beneficiary	2. VNF
Deliverable Name	T5.11 - Upstream Seine remote control works completed (1 operational remote control center and 5 locks equipped and all site connected to optic fiber)		
Type	R — Document, report	Dissemination Level	SEN - Sensitive
Due Date (month)	72	Work Package No	WP5

Description
Provisional acceptance document (FR, PDF)

Deliverable D5.12 – T5.12 - 2 boathouses refurbished to improve user services

Deliverable Number	D5.12	Lead Beneficiary	2. VNF
Deliverable Name	T5.12 - 2 boathouses refurbished to improve user services		
Type	R — Document, report	Dissemination Level	SEN - Sensitive
Due Date (month)	60	Work Package No	WP5

Description
Provisional acceptance document (FR, PDF)

Deliverable D5.13 – T5.13 - Beaulieu dam refurbished

Deliverable Number	D5.13	Lead Beneficiary	2. VNF
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Deliverable Name	T5.13 - Beaulieu dam refurbished		
Type	R — Document, report	Dissemination Level	SEN - Sensitive
Due Date (month)	72	Work Package No	WP5

Description
Provisional acceptance document (FR, PDF)

Deliverable D5.14 – T5.14 - Champagne lock 2 refurbished

Deliverable Number	D5.14	Lead Beneficiary	2. VNF
Deliverable Name	T5.14 - Champagne lock 2 refurbished		
Type	R — Document, report	Dissemination Level	SEN - Sensitive
Due Date (month)	36	Work Package No	WP5

Description
Provisional acceptance document (FR, PDF)

Deliverable D5.15 – T5.15 - Evry main Lock refurbished

Deliverable Number	D5.15	Lead Beneficiary	2. VNF
Deliverable Name	T5.15 - Evry main Lock refurbished		
Type	R — Document, report	Dissemination Level	SEN - Sensitive
Due Date (month)	48	Work Package No	WP5

Description
Provisional acceptance document (FR, PDF)

Deliverable D5.16 – T5.16 - Port à l'Anglais dam refurbished

Deliverable Number	D5.16	Lead Beneficiary	2. VNF
Deliverable Name	T5.16 - Port à l'Anglais dam refurbished		
Type	R — Document, report	Dissemination Level	SEN - Sensitive
Due Date (month)	48	Work Package No	WP5

Description
Provisional acceptance document (FR, PDF)

Deliverable D5.17 – T5.17 - Ablon lock deepened and possibly lengthened

Deliverable Number	D5.17	Lead Beneficiary	2. VNF
Deliverable Name	T5.17 - Ablon lock deepened and possibly lengthened		

Type	R — Document, report	Dissemination Level	SEN - Sensitive
Due Date (month)	60	Work Package No	WP5

Description
Provisional acceptance document (FR, PDF)

Deliverable D5.18 – T5.18 - Evry fishway built and in service

Deliverable Number	D5.18	Lead Beneficiary	2. VNF
Deliverable Name	T5.18 - Evry fishway built and in service		
Type	R — Document, report	Dissemination Level	SEN - Sensitive
Due Date (month)	60	Work Package No	WP5

Description
Provisional acceptance document (FR, PDF)

Deliverable D6.1 – T6.2 - Final report of the updated Strategic Environmental Assessment

Deliverable Number	D6.1	Lead Beneficiary	3. SPW MI
Deliverable Name	T6.2 - Final report of the updated Strategic Environmental Assessment		
Type	R — Document, report	Dissemination Level	SEN - Sensitive
Due Date (month)	48	Work Package No	WP6

Description
Final report of the updated SEA approved by SPW

Deliverable D6.2 – T6.2 - Final report of the navigation and trajectography studies

Deliverable Number	D6.2	Lead Beneficiary	3. SPW MI
Deliverable Name	T6.2 - Final report of the navigation and trajectography studies		
Type	R — Document, report	Dissemination Level	SEN - Sensitive
Due Date (month)	55	Work Package No	WP6

Description
Report of the navigation and trajectography studies approved by SPW

Deliverable D6.3 – T6.3 - Final report of geotechnical studies for the Sambre section

Deliverable Number	D6.3	Lead Beneficiary	3. SPW MI
Deliverable Name	T6.3 - Final report of geotechnical studies for the Sambre section		
Type	R — Document, report	Dissemination Level	SEN - Sensitive

Due Date (month)	36	Work Package No	WP6
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Description
Report of the geotechnical studies approved by SPW

Deliverable D6.4 – T6.3 - Technical specifications for the procurement of the works for a quay in Tertre

Deliverable Number	D6.4	Lead Beneficiary	3. SPW MI
Deliverable Name	T6.3 - Technical specifications for the procurement of the works for a quay in Tertre		
Type	R — Document, report	Dissemination Level	SEN - Sensitive
Due Date (month)	48	Work Package No	WP6

Description
Technical specifications including annexes approved by SPW

Deliverable D6.5 – T6.4 - Technical specifications for the procurement of the works for the doubling of the locks of Hérinnes and Kain

Deliverable Number	D6.5	Lead Beneficiary	3. SPW MI
Deliverable Name	T6.4 - Technical specifications for the procurement of the works for the doubling of the locks of Hérinnes and Kain		
Type	R — Document, report	Dissemination Level	SEN - Sensitive
Due Date (month)	72	Work Package No	WP6

Description
Technical specifications including annexes approved by SPW

Deliverable D6.6 – T6.5 - Technical specifications for the procurement of the works to upgrade the weir Comines

Deliverable Number	D6.6	Lead Beneficiary	3. SPW MI
Deliverable Name	T6.5 - Technical specifications for the procurement of the works to upgrade the weir Comines		
Type	R — Document, report	Dissemination Level	SEN - Sensitive
Due Date (month)	48	Work Package No	WP6

Description
Technical specifications including annexes approved by SPW

Deliverable D6.7 – T6.6 - Technical specifications for the procurement of the works for the upgrade of the Ittre site

Deliverable Number	D6.7	Lead Beneficiary	3. SPW MI
Deliverable Name	T6.6 - Technical specifications for the procurement of the works for the upgrade of the Ittre site		
Type	R — Document, report	Dissemination Level	SEN - Sensitive
Due Date (month)	60	Work Package No	WP6

Description
Technical specifications including annexes approved by SPW

Deliverable D7.1 – T7.1 - Nimy-Blaton-Péronnes canal upgraded to ECMT class Va between Pommeroeul and Nimy

Deliverable Number	D7.1	Lead Beneficiary	3. SPW MI
Deliverable Name	T7.1 - Nimy-Blaton-Péronnes canal upgraded to ECMT class Va between Pommeroeul and Nimy		
Type	R — Document, report	Dissemination Level	SEN - Sensitive
Due Date (month)	60	Work Package No	WP7

Description
Notice to skippers issued by SPW

Deliverable D7.2 – T7.2 - Crossing area in Franière upgraded to ECMT Va class

Deliverable Number	D7.2	Lead Beneficiary	3. SPW MI
Deliverable Name	T7.2 - Crossing area in Franière upgraded to ECMT Va class		
Type	R — Document, report	Dissemination Level	SEN - Sensitive
Due Date (month)	48	Work Package No	WP7

Description
Provisional acceptance document issued by SPW

Deliverable D7.3 – T7.2 - Turning basin in Franière upgraded to ECMT class Va

Deliverable Number	D7.3	Lead Beneficiary	3. SPW MI
Deliverable Name	T7.2 - Turning basin in Franière upgraded to ECMT class Va		
Type	R — Document, report	Dissemination Level	SEN - Sensitive
Due Date (month)	60	Work Package No	WP7

Description

Provisional acceptance document issued by SPW

Deliverable D7.4 – T7.3 - Upgraded control equipment of 8 sites on the lower Sambre to prepare their remote control

Deliverable Number	D7.4	Lead Beneficiary	3. SPW MI
Deliverable Name	T7.3 - Upgraded control equipment of 8 sites on the lower Sambre to prepare their remote control		
Type	R — Document, report	Dissemination Level	SEN - Sensitive
Due Date (month)	72	Work Package No	WP7

Description

Provisional acceptance document issued by SPW

Deliverable D7.5 – T7.3 - Four physically secured sites (out of to 8 sites) on the lower Sambre to prepare their remote control : Salzinnes, Floriffoux, Mornimont and Auvelais

Deliverable Number	D7.5	Lead Beneficiary	3. SPW MI
Deliverable Name	T7.3 - Four physically secured sites (out of to 8 sites) on the lower Sambre to prepare their remote control : Salzinnes, Floriffoux, Mornimont and Auvelais		
Type	R — Document, report	Dissemination Level	SEN - Sensitive
Due Date (month)	72	Work Package No	WP7

Description

Provisional acceptance document issued by SPW

Deliverable D7.6 – T7.5 - Fully functional and upgraded 1st caisson of the Ronquière Inclined plane

Deliverable Number	D7.6	Lead Beneficiary	3. SPW MI
Deliverable Name	T7.5 - Fully functional and upgraded 1st caisson of the Ronquière Inclined plane		
Type	R — Document, report	Dissemination Level	SEN - Sensitive
Due Date (month)	72	Work Package No	WP7

Description

Provisional acceptance document issued by SPW

Deliverable D8.1 – T8.2 - Masterplan of watersystem

Deliverable Number	D8.1	Lead Beneficiary	4. DVW
Deliverable Name	T8.2 - Masterplan of watersystem		
Type	R — Document, report	Dissemination Level	SEN - Sensitive

Due Date (month)	48	Work Package No	WP8
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Description
Masterplan watersystem approved by DVW

Deliverable D8.2 – T8.2 - Economic evaluation tool Transport Bis

Deliverable Number	D8.2	Lead Beneficiary	4. DVW
Deliverable Name	T8.2 - Economic evaluation tool Transport Bis		
Type	R — Document, report	Dissemination Level	SEN - Sensitive
Due Date (month)	24	Work Package No	WP8

Description
Economic toolbox approved by DVW

Deliverable D8.3 – T8.3 - Global studies Lys axis: ecosystem services survey available

Deliverable Number	D8.3	Lead Beneficiary	4. DVW
Deliverable Name	T8.3 - Global studies Lys axis: ecosystem services survey available		
Type	R — Document, report	Dissemination Level	SEN - Sensitive
Due Date (month)	48	Work Package No	WP8

Description
Ecosystem services survey approved by DVW

Deliverable D8.4 – T8.3 - Global studies Lys axis: traffic management model

Deliverable Number	D8.4	Lead Beneficiary	4. DVW
Deliverable Name	T8.3 - Global studies Lys axis: traffic management model		
Type	R — Document, report	Dissemination Level	SEN - Sensitive
Due Date (month)	48	Work Package No	WP8

Description
Traffic management model approved by DVW

Deliverable D8.5 – T8.4 - Project studies Lys axis: EIA calibration section 150

Deliverable Number	D8.5	Lead Beneficiary	4. DVW
Deliverable Name	T8.4 - Project studies Lys axis: EIA calibration section 150		
Type	R — Document, report	Dissemination Level	SEN - Sensitive
Due Date (month)	36	Work Package No	WP8

Description
EIA approved by competent authority

Deliverable D8.6 – T8.4 - Project studies Lys axis: permit application / tender documents calibration works section 150

Deliverable Number	D8.6	Lead Beneficiary	4. DVW
Deliverable Name	T8.4 - Project studies Lys axis: permit application / tender documents calibration works section 150		
Type	R — Document, report	Dissemination Level	SEN - Sensitive
Due Date (month)	43	Work Package No	WP8

Description
Permit application / tender documents approved by DVW

Deliverable D8.7 – T8.5 - Reengineering existing locks Upper-Scheldt – permit application and procurement documents for reliability and capacity works

Deliverable Number	D8.7	Lead Beneficiary	4. DVW
Deliverable Name	T8.5 - Reengineering existing locks Upper-Scheldt – permit application and procurement documents for reliability and capacity works		
Type	R — Document, report	Dissemination Level	SEN - Sensitive
Due Date (month)	39	Work Package No	WP8

Description
Notification of procurement signed

Deliverable D8.8 – T8.6 - PPP roadmap for the new locks Upper-Scheldt

Deliverable Number	D8.8	Lead Beneficiary	4. DVW
Deliverable Name	T8.6 - PPP roadmap for the new locks Upper-Scheldt		
Type	R — Document, report	Dissemination Level	SEN - Sensitive
Due Date (month)	43	Work Package No	WP8

Description
PPP roadmap approved by DVW and submitted to the Flemish authorities

Deliverable D8.9 – T8.8 - PPP roadmap for the new lock Dampoort Bruges

Deliverable Number	D8.9	Lead Beneficiary	4. DVW
Deliverable Name	T8.8 - PPP roadmap for the new lock Dampoort Bruges		
Type	R — Document, report	Dissemination Level	SEN - Sensitive

Due Date (month)	36	Work Package No	WP8
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Description
PPP roadmap approved by DVW and submitted to the Flemish authorities

Deliverable D8.10 – T8.8 - Implementation plan upgrading canal Ghent-Ostend

Deliverable Number	D8.10	Lead Beneficiary	4. DVW
Deliverable Name	T8.8 - Implementation plan upgrading canal Ghent-Ostend		
Type	R — Document, report	Dissemination Level	SEN - Sensitive
Due Date (month)	48	Work Package No	WP8

Description
Technical and financial implementation plan approved by DVW

Deliverable D8.11 – T8.8 - Permit application / tender documents for the reconstruction of the bridge Kruispoort I Bruges

Deliverable Number	D8.11	Lead Beneficiary	4. DVW
Deliverable Name	T8.8 - Permit application / tender documents for the reconstruction of the bridge Kruispoort I Bruges		
Type	R — Document, report	Dissemination Level	SEN - Sensitive
Due Date (month)	48	Work Package No	WP8

Description
Permit application / tender documents approved by DVW

Deliverable D8.12 – T8.9 - Implementation plan upgrade canal Roeselare-Lys

Deliverable Number	D8.12	Lead Beneficiary	4. DVW
Deliverable Name	T8.9 - Implementation plan upgrade canal Roeselare-Lys		
Type	R — Document, report	Dissemination Level	SEN - Sensitive
Due Date (month)	48	Work Package No	WP8

Description
Technical and financial implementation plan approved by DVW

Deliverable D8.13 – T8.10 - Implementation plan upgrade canal Bossuit-Kortrijk

Deliverable Number	D8.13	Lead Beneficiary	4. DVW
Deliverable Name	T8.10 - Implementation plan upgrade canal Bossuit-Kortrijk		
Type	R — Document, report	Dissemination Level	SEN - Sensitive

Due Date (month)	48	Work Package No	WP8
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Description
Technical and financial implementation plan approved by DVW

Deliverable D8.14 – T8.11 - Implementation plan modernisation Seneffe-Antwerp section

Deliverable Number	D8.14	Lead Beneficiary	4. DVW
Deliverable Name	T8.11 - Implementation plan modernisation Seneffe-Antwerp section		
Type	R — Document, report	Dissemination Level	SEN - Sensitive
Due Date (month)	33	Work Package No	WP8

Description
Technical and financial implementation plan approved by DVW

Deliverable D9.1 – T9.1 - Calibration works for zone A of section 140 completed

Deliverable Number	D9.1	Lead Beneficiary	4. DVW
Deliverable Name	T9.1 - Calibration works for zone A of section 140 completed		
Type	R — Document, report	Dissemination Level	SEN - Sensitive
Due Date (month)	48	Work Package No	WP9

Description
Works Reception Report

Deliverable D9.2 – T9.1 - Calibration works for zone B of section 140 completed

Deliverable Number	D9.2	Lead Beneficiary	4. DVW
Deliverable Name	T9.1 - Calibration works for zone B of section 140 completed		
Type	R — Document, report	Dissemination Level	SEN - Sensitive
Due Date (month)	69	Work Package No	WP9

Description
Works Reception Report

Deliverable D9.3 – T9.2 - The cyclist bridge F422 Deinze is completed

Deliverable Number	D9.3	Lead Beneficiary	4. DVW
Deliverable Name	T9.2 - The cyclist bridge F422 Deinze is completed		
Type	R — Document, report	Dissemination Level	SEN - Sensitive
Due Date (month)	48	Work Package No	WP9

Description
Works Reception Report

Deliverable D9.4 – T9.3 - The embankments at the cyclist bridge in Menen are completed

Deliverable Number	D9.4	Lead Beneficiary	4. DVW
Deliverable Name	T9.3 - The embankments at the cyclist bridge in Menen are completed		
Type	R — Document, report	Dissemination Level	SEN - Sensitive
Due Date (month)	43	Work Package No	WP9

Description
Works Reception Report

Deliverable D9.5 – T9.4 - The Lysbridge in Ingelmunster is completed

Deliverable Number	D9.5	Lead Beneficiary	4. DVW
Deliverable Name	T9.4 - The Lysbridge in Ingelmunster is completed		
Type	R — Document, report	Dissemination Level	SEN - Sensitive
Due Date (month)	46	Work Package No	WP9

Description
Works Reception Report

Deliverable D9.6 – T9.5 - The upgrade of the quay Zuid at Izegem is completed

Deliverable Number	D9.6	Lead Beneficiary	4. DVW
Deliverable Name	T9.5 - The upgrade of the quay Zuid at Izegem is completed		
Type	R — Document, report	Dissemination Level	SEN - Sensitive
Due Date (month)	41	Work Package No	WP9

Description
Works Reception Report

Deliverable D9.7 – T9.5 - The upgrade of the quay Vanden Avenne at Ooigem is completed

Deliverable Number	D9.7	Lead Beneficiary	4. DVW
Deliverable Name	T9.5 - The upgrade of the quay Vanden Avenne at Ooigem is completed		
Type	R — Document, report	Dissemination Level	SEN - Sensitive
Due Date (month)	34	Work Package No	WP9

Description

Works Reception Report

Deliverable D9.8 – T9.5 - The upgrade of the turning basin at Kachtem is completed

Deliverable Number	D9.8	Lead Beneficiary	4. DVW
Deliverable Name	T9.5 - The upgrade of the turning basin at Kachtem is completed		
Type	R — Document, report	Dissemination Level	SEN - Sensitive
Due Date (month)	47	Work Package No	WP9

Description

Works Reception Report

Deliverable D9.9 – T9.6 - The Zuid bridge in Halle is completed

Deliverable Number	D9.9	Lead Beneficiary	4. DVW
Deliverable Name	T9.6 - The Zuid bridge in Halle is completed		
Type	R — Document, report	Dissemination Level	SEN - Sensitive
Due Date (month)	21	Work Package No	WP9

Description

Works Reception Report

Deliverable D9.10 – T9.6 - The Driefonteinen bridge in Sint-Pieters-Leeuw is completed

Deliverable Number	D9.10	Lead Beneficiary	4. DVW
Deliverable Name	T9.6 - The Driefonteinen bridge in Sint-Pieters-Leeuw is completed		
Type	R — Document, report	Dissemination Level	SEN - Sensitive
Due Date (month)	21	Work Package No	WP9

Description

Works Reception Report

LIST OF MILESTONES

Milestones <i>Grant Preparation (Milestones screen) — Enter the info.</i>					
Milestone No	Milestone Name	Work Package No	Lead Beneficiary	Means of Verification	Due Date (month)
1	WP1 - Completion of the integrated management tasks of 2023	WP1	1-MTE	2023 Minutes of meetings of the IGC and the EEIG approved by all participants	36
2	WP1 - Completion of the integrated management tasks of 2024	WP1	1-MTE	2024 Minutes of meetings of the IGC and the EEIG approved by all participants	48
3	RESERVE 1	WP1	1-MTE	XX	60
4	RESERVE 2	WP1	1-MTE	XX	60
5	RESERVE 3	WP1	1-MTE	XX	60
6	T2.2 - Appointment of a project engineering office for the Sensée river calibration works	WP2	2-VNF	Service order signed by VNF (FR, PDF)	25
7	T2.2 - End of AVP study for the Sensée river calibration works	WP2	2-VNF	VNF's decision to approve the studies (FR, PDF)	39
8	T2.2 - End of PRO study for the Sensée river calibration works	WP2	2-VNF	VNF's decision to approve the studies (FR, PDF)	54
9	T2.3 - Start of the preliminary studies for the calibration plan	WP2	2-VNF	Service order signed by VNF (FR, PDF)	33
10	T2.4 - Launch of technical studies of the waiting zones of locks of Cuinchy and Grand Carré	WP2	2-VNF	Service order signed by VNF (FR, PDF)	25
11	T2.4 - Environmental authorisation for the turning basins of Valenciennes	WP2	2-VNF	Prefectural decree (FR, PDF)	37
12	T2.4 - Environmental authorisation for the turning basins of Bethune	WP2	2-VNF	Prefectural decree (FR, PDF)	49

Milestones					
Grant Preparation (Milestones screen) — Enter the info.					
Milestone No	Milestone Name	Work Package No	Lead Beneficiary	Means of Verification	Due Date (month)
13	T2.5 - Launch of preliminary studies to lengthen the locks on the Douai network	WP2	2-VNF	Service order signed by VNF (FR, PDF)	36
14	T2.6 - Launch of environmental and AVP studies to double up the Fontinettes lock	WP2	2-VNF	Service order signed by VNF (FR, PDF)	28
15	T2.6 - Launch of PRO studies to double up the Fontinettes lock	WP2	2-VNF	Service order signed by VNF (FR, PDF)	51
16	T2.7 - Launch of preliminary studies to double up/lengthen locks on the Dunkerque -Cuinchy locks	WP2	2-VNF	Service order signed by VNF (FR, PDF)	25
17	T2.8 - Launch of preliminary studies to double up/lengthen locks on the Deule	WP2	2-VNF	Service order signed by VNF (FR, PDF)	29
18	T2.8 - Launch of preliminary studies to double up/lengthen locks on Scheldt	WP2	2-VNF	Service order signed by VNF (FR, PDF)	33
19	T2.9 - Launch of the preliminary studies for the surface curve on the Fontinettes reach	WP2	2-VNF	Service order signed by VNF (FR, PDF)	27
20	T2.10 - Appointment of a project engineering office	WP2	2-VNF	Contract notification signed by VNF (FR, PDF)	23
21	RESERVE 4	WP2	2-VNF	XX	72
22	RESERVE 5	WP2	2-VNF	XX	72
23	RESERVE 6	WP2	2-VNF	XX	72
24	RESERVE 7	WP2	2-VNF	XX	72
25	RESERVE 8	WP2	2-VNF	XX	72
26	T3.1 - Start of the works for the remote control	WP3	2-VNF	Service order signed by VNF (FR, PDF)	30

Milestones <i>Grant Preparation (Milestones screen) — Enter the info.</i>					
Milestone No	Milestone Name	Work Package No	Lead Beneficiary	Means of Verification	Due Date (month)
27	T3.1 - Commissioning of the remote control on the Scheldt axis	WP3	2-VNF	Minutes of receipt of the works (FR, PDF)	48
28	T3.1 - Commissioning of the remote control on the Sensée-Deûle axis	WP3	2-VNF	Minutes of receipt of the works (FR, PDF)	60
29	T3.2 - Start of the works for the calibration of the riverbanks	WP3	2-VNF	Service order signed by VNF (FR, PDF)	1
30	T3.3 - Start of the works on the Quesnoy-sur-Deûle lock	WP3	2-VNF	Service order signed by VNF (FR, PDF)	25
31	T3.3 - Completion of the fishway on the Quesnoy sur Deûle lock	WP3	2-VNF	Minutes of acceptance of works (FR, PDF)	48
32	T3.4 - Start of the ecological and landscaping works on the Condé-Pommeroeul Canal	WP3	2-VNF	Service order signed by VNF (FR, PDF)	25
33	T3.5 - Start of the 2023 dredging works	WP3	2-VNF	Service order signed by VNF (FR, PDF)	30
34	T3.5 - End of the 2023 dredging campaign	WP3	2-VNF	Minutes of acceptance of works (FR, PDF)	37
35	T3.5 - End of the 2024 dredging campaign	WP3	2-VNF	Minutes of acceptance of works (FR, PDF)	49
36	T3.5 - Completion of the compensatory measures	WP3	2-VNF	Minutes of acceptance of works (FR, PDF)	60
37	RESERVE 9	WP3	2-VNF	XX	72
38	RESERVE 10	WP3	2-VNF	XX	72
39	RESERVE 11	WP3	2-VNF	XX	72
40	RESERVE 12	WP3	2-VNF	XX	72
41	RESERVE 13	WP3	2-VNF	XX	72
42	RESERVE 14	WP3	2-VNF	XX	72

Milestones <i>Grant Preparation (Milestones screen) — Enter the info.</i>					
Milestone No	Milestone Name	Work Package No	Lead Beneficiary	Means of Verification	Due Date (month)
43	T4.1 - Launch of the technical support for WP4 & WP5	WP4	2-VNF	Letters of mission (FR, PDF)	25
44	T4.1 - End of the technical support for WP4 & WP5	WP4	2-VNF	Mission report approved by VNF (FR, PDF)	72
45	T4.2 - Launch of the EP study for the Parking convoys on the Oise river	WP4	2-VNF	Service order signed by VNF (FR, PDF)	25
46	T4.3 - Launch of the PRO studies for the two remote control centers on the Lower Seine	WP4	2-VNF	Service order signed by VNF (FR, PDF)	37
47	T4.4 - Launch of the PRO study for the refurbishment of Lock 1 at Notre Dame de la Garenne	WP4	2-VNF	Service order signed by VNF (FR, PDF)	49
48	T4.5 Launch of the AVP study for the refurbishment of Lock 3 at Suresnes	WP4	2-VNF	Service order signed by VNF (FR, PDF)	25
49	T4.6 - Launch of the EP study for the refurbishment of the Suresnes fusegate dam (barrage à hausses)	WP4	2-VNF	Service order signed by VNF (FR, PDF)	25
50	T4.7 - Launch of the PRO study for the refurbishment of the Méricourt dam	WP4	2-VNF	Service order signed by VNF (FR, PDF)	49
51	T4.8 - Launch of studies for the refurbishment of a first lock site to be treated	WP4	2-VNF	Service order signed by VNF (FR, PDF)	13
52	T4.8 - Launch of studies for the refurbishment of a second lock site to be treated	WP4	2-VNF	Service order signed by VNF (FR, PDF)	25
53	T4.8 - Launch of studies for the refurbishment of a third lock site to be treated	WP4	2-VNF	Service order signed by VNF (FR, PDF)	37

Milestones <i>Grant Preparation (Milestones screen) — Enter the info.</i>					
Milestone No	Milestone Name	Work Package No	Lead Beneficiary	Means of Verification	Due Date (month)
54	T4.8 - Launch of studies for the refurbishment of a fourth lock site to be treated	WP4	2-VNF	Service order signed by VNF (FR, PDF)	49
55	T4.8 - Launch of studies for the refurbishment of a fifth lock site to be treated	WP4	2-VNF	Service order signed by VNF (FR, PDF)	61
56	T4.9 - Launch of the EP study for the refurbishment of the downstream erosion pit of the Port-Mort dam	WP4	2-VNF	Service order signed by VNF (FR, PDF)	25
57	T4.10 - Launch of the EP study for the reliability of the water line on the reach of Andrésy-Denouval	WP4	2-VNF	Service order signed by VNF (FR, PDF)	25
58	T4.11 - Launch of the AVP study for the deployment of the remote control on the Upper Seine	WP4	2-VNF	Service order signed by VNF (FR, PDF)	25
59	T4.12 - Launch of environmental studies for the environmental authorisation of Bray-Nogent works	WP4	2-VNF	Service order signed by VNF (FR, PDF)	25
60	T4.12 - Environmental authorisation request submitted for the start of Bray-Nogent works	WP4	2-VNF	Environmental impact assessment sent to the competent authority (FR, PDF)	60
61	T4.13 - Launch of environmental studies for the environmental authorisation for the refurbishment of the Livon dam	WP4	2-VNF	Service order signed by VNF (FR, PDF)	25
62	T4.14 - Launch of the studies for the refurbishment the Evry main lock	WP4	2-VNF	Service order signed by VNF (FR, PDF)	25
63	T4.15 - Launch of the AVP study for the refurbishment of the Port à l'Anglais dam	WP4	2-VNF	Service order signed by VNF (FR, PDF)	25

Milestones <i>Grant Preparation (Milestones screen) — Enter the info.</i>					
Milestone No	Milestone Name	Work Package No	Lead Beneficiary	Means of Verification	Due Date (month)
64	T4.16 - Launch of the EP study for the upgrade of Ablon Lock	WP4	2-VNF	Service order signed by VNF (FR, PDF)	27
65	T4.17 - Launch of the AVP study for the refurbishment of the Vigneux Lock	WP4	2-VNF	Service order signed by VNF (FR, PDF)	1
66	T5.1 - Launch of works on the Oise remote control	WP5	2-VNF	Contract notification signed by VNF (FR, PDF)	25
67	T5.2 - Launch of works on the Lower Seine remote control	WP5	2-VNF	Contract notification signed by VNF (FR, PDF)	25
68	T5.3 - Launch of signaling works on the maritime reach on the Lower Seine	WP5	2-VNF	Contract notification signed by VNF (FR, PDF)	25
69	T5.4 - Launch of works to renew the gates of Méricourt Lock 2	WP5	2-VNF	Contract notification signed by VNF (FR, PDF)	25
70	T5.4 - Completion of works to renew the gates of Méricourt Lock 2	WP5	2-VNF	Provisional acceptance document (FR, PDF)	38
71	T5.5 - Launch of works to remove the existing Amfreville bridge	WP5	2-VNF	Contract notification signed by VNF (FR, PDF)	49
72	T5.6 - Launch of works to modernize the six passes of the Port Mort dam	WP5	2-VNF	Contract notification signed by VNF (FR, PDF)	37
73	T5.6 - Six passes of Port Mort dam modernised	WP5	2-VNF	Provisional acceptance document (FR, PDF)	72
74	T5.7 - Launch of civil engineering works to stabilize the Poses dam	WP5	2-VNF	Provisional acceptance document (FR, PDF)	25
75	T5.7 - Poses dam: works for civil engineering works, bridges over channels 4 to 7 and remote control equipment completed	WP5	2-VNF	Provisional acceptance document (FR, PDF)	60

Milestones <i>Grant Preparation (Milestones screen) — Enter the info.</i>					
Milestone No	Milestone Name	Work Package No	Lead Beneficiary	Means of Verification	Due Date (month)
76	T5.8 - Launch of works to replace one of the two gates on the gated dam (barrage à vannes) at Suresnes	WP5	2-VNF	Contract notification signed by VNF (FR, PDF)	25
77	T5.8 - 1st pass of the Suresnes gated dam (barrage à vannes) modernised	WP5	2-VNF	Provisional acceptance document (FR, PDF)	60
78	T5.9 - Launch of land clearing works on the 2nd section of the Croissy dike	WP5	2-VNF	Contract notification signed by VNF (FR, PDF)	37
79	T5.9 - Launch of land clearing works on the 3rd section of the Croissy dike	WP5	2-VNF	Contract notification signed by VNF (FR, PDF)	49
80	T5.10 - Launch of works to refurbish lock 1 at Suresnes on the Lower Seine	WP5	2-VNF	Contract notification signed by VNF (FR, PDF)	25
81	T5.10 - Launch of works to refurbish the lock at Chatoux on the Lower Seine	WP5	2-VNF	Contract notification signed by VNF (FR, PDF)	37
82	T5.10 - Launch of works to refurbish the lock at Andresy on the Lower Seine	WP5	2-VNF	Contract notification signed by VNF (FR, PDF)	49
83	T5.10 - Launch of works to refurbish locks 3 and 4 at Notre Dame de la Garenne on the Lower Seine	WP5	2-VNF	Contract notification signed by VNF (FR, PDF)	61
84	T5.11 - Launch of works to develop a remote control center at Vives-Eaux	WP5	2-VNF	Contract notification signed by VNF (FR, PDF)	37
85	T5.12 - Launch of works to refurbish a boathouse on the Upper Seine	WP5	2-VNF	Contract notification signed by VNF (FR, PDF)	25
86	T5.13 - Launch of works to refurbish two of the four the passes on the Beaulieu dam	WP5	2-VNF	Contract notification signed by VNF (FR, PDF)	37

Milestones					
<i>Grant Preparation (Milestones screen) — Enter the info.</i>					
Milestone No	Milestone Name	Work Package No	Lead Beneficiary	Means of Verification	Due Date (month)
87	T5.13 - Completion of the first two passes on the Beaulieu dam	WP5	2-VNF	Provisional acceptance document (FR, PDF)	48
88	T5.13 - Completion of the last two passes on the Beaulieu dam	WP5	2-VNF	Provisional acceptance document (FR, PDF)	60
89	T5.14 - Launch of works to modernize the Champagne Lock 2	WP5	2-VNF	Contract notification signed by VNF (FR, PDF)	37
90	T5.15 - Launch of civil engineering works to refurbish the Evry main lock	WP5	2-VNF	Contract notification signed by VNF (FR, PDF)	37
91	T5.16 - Launch of civil engineering works to refurbish the Port à l'Anglais dam	WP5	2-VNF	Contract notification signed by VNF (FR, PDF)	37
92	T5.17 - Launch of works to upgrade Ablon Lock	WP5	2-VNF	Contract notification signed by VNF (FR, PDF)	37
93	T5.18 - Launch of works to build a fishway at Evry	WP5, WP6	2-VNF	Contract notification signed by VNF (FR, PDF)	37
94	RESERVE 15	WP5	2-VNF	XX	72
95	T6.2 - Start of the update of the 2010 Strategic Environmental Assessment	WP6	3-SPW MI	Service order issued by the SPW (FR, PDF)	25
96	T6.2 - Start of the navigation and trajectography studies	WP6	3-SPW MI	Service order issued by the SPW (FR, PDF)	21
97	T6.3 - Start of the geotechnical studies on the Sambre section	WP6	3-SPW MI	Service order issued by the SPW (FR, PDF)	25
98	T6.3 - Start of the technical studies for the new quay in Tertre – Nimy-Blaton section	WP6	3-SPW MI	Service order issued by the SPW (FR, PDF)	25
99	T6.4 - Start of the technical studies for the Upper Scheldt	WP6	3-SPW MI	Service order issued by the SPW (FR, PDF)	25

Milestones <i>Grant Preparation (Milestones screen) — Enter the info.</i>					
Milestone No	Milestone Name	Work Package No	Lead Beneficiary	Means of Verification	Due Date (month)
100	T6.4 - Request for the development consent to double the locks of Kain and Herinnes	WP6	3-SPW MI	Acknowledgment of receipt issued by the competent authority (FR, PDF)	60
101	T6.5 - Start of the technical studies for the Lys	WP6	3-SPW MI	First validated personnel activity report (April 2022) for the internal technical assistance related to this subtask	16
102	T6.6 - Start of the technical studies for the Seneffe-Antwerp section	WP6	3-SPW MI	First validated personnel activity report (January 2021) for the internal technical assistance related to this subtask	1
103	RESERVE 16	WP6	3-SPW MI	XX	72
104	RESERVE 17	WP6	3-SPW MI	XX	72
105	T7.1 - Start of the works to upgrade the Nimy-Blaton- Péronnes canals to ECMT class Va (1st part)	WP7	3-SPW MI	Service order issued by the SPW (FR, PDF)	25
106	T7.1 - Start of the works to upgrade the Nimy-Blaton- Péronnes canals to ECMT class Va (2nd part)	WP7	3-SPW MI	Service order issued by the SPW (FR, PDF)	37
107	T7.1 - Start of the works to upgrade the Nimy-Blaton- Péronnes canals to ECMT class Va (3rd part)	WP7	3-SPW MI	Service order issued by the SPW (FR, PDF)	44
108	T7.1 - Completion of the works to upgrade the Nimy- Blaton-Péronnes canals to ECMT class Va (all 3 parts)	WP7	3-SPW MI	Minutes of receipt of the works approved by the SPW (FR, PDF)	60
109	T7.2 - Start of the works to upgrade the Sambre in Franière to ECMT class Va	WP7	3-SPW MI	Service order issued by the SPW (FR, PDF)	27
110	T7.3 - Start of the works to upgrade the	WP7	3-SPW MI	Service order issued by the SPW (FR, PDF)	2

Milestones <i>Grant Preparation (Milestones screen) — Enter the info.</i>					
Milestone No	Milestone Name	Work Package No	Lead Beneficiary	Means of Verification	Due Date (month)
	different sites of the lower Sambre for the remote-control operations				
111	T7.3 - Completion of the works for the visualisation equipment of the sites of the lower Sambre	WP7	3-SPW MI	Minutes of receipt of the works approved by the SPW (FR, PDF)	36
112	T7.3 - Completion of the works to upgrade the different sites of the lower Sambre for the remote-control operations	WP7	3-SPW MI	Minutes of receipt of the works approved by the SPW (FR, PDF)	72
113	T7.3 - Start of the works to improve the reliability of the equipment of the sluice gates of the Montignies sur Sambre lock (1st phase)	WP7	3-SPW MI	Service order issued by the SPW	13
114	T7.3 - Completion of the works to improve the reliability of the equipment of the sluice gates of the Floriffoux lock (1st phase)	WP7	3-SPW MI	Minutes of receipt of the works approved by the SPW	48
115	T7.3 - Start of the works to physically secure the site of Salzinnes (1st phase)	WP7	3-SPW MI	Service order issued by the SPW (FR, PDF)	13
116	T7.3 - Completion of the works to physically secure the sites on the Lower Sambre(1st phase)	WP7	3-SPW MI	Minutes of receipt of the works (FR, PDF)	72
117	T7.4 - Start of the preparatory works for the establishment of the remote control for the Ittre site and works to secure its equipment	WP7	3-SPW MI	Service order issued by the SPW (FR, PDF)	25
118	T7.4 - Completion of the preparatory works for the establishment of the remote control for the Ittre site and works to secure its equipment	WP7	3-SPW MI	Minutes of receipt of the works approved by the SPW (FR, PDF)	42
119	T7.5 - Start of the works for the upgrade of the Ronquières Inclined Plane (1st caisson)	WP7	3-SPW MI	Service order issued by the SPW (FR, PDF)	2

Milestones					
<i>Grant Preparation (Milestones screen) — Enter the info.</i>					
Milestone No	Milestone Name	Work Package No	Lead Beneficiary	Means of Verification	Due Date (month)
120	RESERVE 18	WP7	3-SPW MI	XX	72
121	RESERVE 19	WP7	3-SPW MI	XX	72
122	RESERVE 20	WP7	3-SPW MI	XX	72
123	RESERVE 21	WP7	3-SPW MI	XX	72
124	RESERVE 22	WP7	3-SPW MI	XX	72
125	T8.2 - Launch of policy studies	WP8	4-DVW	Starting order for study Transport Bis signed by DVW	13
126	T8.2 - Launch of Masterplan for the management of the entire water system	WP8	4-DVW	Starting order available	21
127	T8.5 - Start of the study for the reengineering of existing locks of the Upper-Scheldt	WP8	4-DVW	Starting order available	21
128	T8.6 - Start of the PPP preparation for the new locks on the Upper-Scheldt	WP8	4-DVW	Starting order available	21
129	T8.7 - Start of the PPP preparation for the new lock at Dampoort Bruges	WP8	4-DVW	Starting order available	21
130	T8.8 - Start of the studies to upgrade the Ghent-Ostend canal	WP8	4-DVW	Starting order available	23
131	T8.8 - Start of the study for the reconstruction of the Kruispoort I bridge in Bruges	WP8	4-DVW	Starting order available	23
132	T8.9 - Start of the studies to upgrade the Roeselare-Lys canal	WP8	4-DVW	Starting order available	25
133	T8.10 - Start of the studies to upgrade the Bossuit-Kortrijk canal	WP8	4-DVW	Starting order available	25

Milestones					
Grant Preparation (Milestones screen) — Enter the info.					
Milestone No	Milestone Name	Work Package No	Lead Beneficiary	Means of Verification	Due Date (month)
134	T8.11 - Start of the studies for the modernisation of the Seneffe-Antwerp section	WP8	4-DVW	Starting order available	23
135	RESERVE 23	WP8	4-DVW	XX	48
136	RESERVE 24	WP8	4-DVW	XX	48
137	RESERVE 25	WP8	4-DVW	XX	48
138	RESERVE 26	WP8	4-DVW	XX	48
139	RESERVE 27	WP8	4-DVW	XX	48
140	T9.1 - Start of stages 3 and 4 of the calibration works for zone A of section 140	WP9	4-DVW	Starting order signed	21
141	T9.1 - Start of stage 2 of the calibration works for zone B of section 140	WP9	4-DVW	Starting order signed	29
142	T9.1 - End of the calibration works stage 2 for zone B of section 140	WP9	4-DVW	Work reception report	69
143	T9.1 - Start of stages 3 and 4 of the calibration works for zone B of section 140	WP9	4-DVW	Starting order signed	36
144	T9.2 - Start of the construction of the cyclist bridge F422 at Deinze	WP9	4-DVW	Starting order signed	33
145	T9.3 - Start of the works on the embankments at the cyclist bridge in Menen	WP9	4-DVW	Starting order signed	17
146	T9.4 - Start of the reconstruction of the Lysbridge in Ingelmunster	WP9	4-DVW	Starting order signed	30
147	T9.5 - Start of the works to upgrade the quay Zuid at Izegem	WP9	4-DVW	Starting order signed	21

Milestones					
<i>Grant Preparation (Milestones screen) — Enter the info.</i>					
Milestone No	Milestone Name	Work Package No	Lead Beneficiary	Means of Verification	Due Date (month)
148	T9.5 - Start of the works to upgrade the quay Vanden Avenue at Ooigem	WP9	4-DVW	Starting order available	22
149	T9.5 - Start of the works to upgrade the turning basin at Kachtem	WP9	4-DVW	Starting order available	29

LIST OF CRITICAL RISKS

Critical risks & risk management strategy			
<i>Grant Preparation (Critical Risks screen) — Enter the info.</i>			
Risk number	Description	Work Package No(s)	Proposed Mitigation Measures
1	Risk of change in the political support	WP5, WP9, WP2, WP8, WP1, WP3, WP6, WP4, WP7	The proposed Action, as well as the global project, are strongly supported by local, regional and national authorities. Several agreements have been signed by authorities, including on the schedule and the financial aspects. Provisions are in place in case of disagreements. Moreover, the IGC and the EEIG gather partners to ensure the good relationship and the compliance with agreements.
2	Delay in the administrative procedures including environmental procedures	WP5, WP9, WP3, WP7	<ul style="list-style-type: none"> • In accordance with the call requirements, all environmental impact assessments (EIA) have been launched. For the development consent, most approval procedures are completed or launched and ongoing. Some are still to be started and therefore present some risk. Advance and regular exchanges with the relevant administrative departments at local and central level; Preliminary studies (for Wallonia: Environmental strategic assessment) • Support of specialised legal services. Close consultation with the opponents of the project throughout the completion of the administrative procedures.

Critical risks & risk management strategy <i>Grant Preparation (Critical Risks screen) — Enter the info.</i>			
Risk number	Description	Work Package No(s)	Proposed Mitigation Measures
3	Appeals against administrative authorisations, DUP, the Water Law	WP5, WP9, WP3, WP7	In accordance with the call requirements, all approval procedures are launched. Some are still ongoing and present risks. <ul style="list-style-type: none"> • Close and continuous consultation with territorial players and the other stakeholders concerned throughout the administrative procedures and the works phase. • Support of specialised legal services. Close consultation with all stakeholders of the project throughout the completion of the administrative procedures.
4	Availability of funds according to the project schedule	WP5, WP9, WP2, WP8, WP1, WP3, WP6, WP4, WP7	The financial maturity of the proposed Action is good. The following measures apply: <ul style="list-style-type: none"> • Monitoring the financial agreements • Setting up a reporting structure between the funders; Budgetary monitoring
5	Public procurement procedures	WP5, WP9, WP2, WP8, WP3, WP6, WP4, WP7	The beneficiaries closely monitor the procurement procedures. Some contracts are already notified. The following measures apply: <ul style="list-style-type: none"> • Putting in place a strategy of opening up the Call for Tenders thanks to European and international partnerships and, as a consequence, define an allotment strategy taking into account the opening up obtained and gradual implementation; contract procedures with European Publication
6	Company insolvency after the contract has been awarded	WP5, WP9, WP2, WP8, WP3, WP6, WP4, WP7	Monitoring the changes in the financial health of companies during the performance of the contract and put measures in place in the event of an alert; inspection prior to contract award (qualitative selection) and substitution measures provided for by the Public Procurement Law
7	Changes in economic conditions – increasing prices, including raw materials, goods and energy prices.	WP5, WP9, WP2, WP8, WP1, WP3, WP6, WP4, WP7	The COVID crisis creates uncertainties, including on economic conditions of the contract. The following measures apply: <ul style="list-style-type: none"> • In-depth price studies and adapted inspection and validation process • Identification of the expenditures that would benefit from price hedging limiting increases • Identifying the items of expenditure that could benefit from advance procurement; price revision procedure stipulated in the special specifications • Risk provisions included in provisional budget.
8	Changes in the characteristics of sites and infrastructures, including risk of unexpected soil contaminations on construction sites	WP5, WP9, WP3, WP7	In accordance with the call requirements, most of the works are mature. Detailed design studies (including geotechnical, hydrological, etc studies) are completed or ongoing. Tenders also include provisions to share the risks with the subcontractor.

Critical risks & risk management strategy <i>Grant Preparation (Critical Risks screen) — Enter the info.</i>			
Risk number	Description	Work Package No(s)	Proposed Mitigation Measures
9	Availability of personnel	WP5, WP9, WP2, WP8, WP1, WP3, WP6, WP4, WP7	Beneficiaries' project teams are already set up and demonstrated their availability in the implementation of the SEINE-ESCAUT 2020 project. CEF 2 implies an increase in the complexity of the monitoring of the overall project and thus an additional workload for the same team. The possibility of reimbursing staff costs facilitates the hiring of additional staff
10	Sanitary measures/Lockdown	WP5, WP9, WP2, WP8, WP1, WP3, WP6, WP4, WP7	Since 2020, beneficiaries' project teams are used to the COVID situation. Beneficiaries and subcontractors are set up internal guidance on measures to prevent contamination. All comply with national/regional rules. In case of unavailability of a worker (contact cases, etc.), teams compensate.
11	Accident due to joint activity with third parties	WP5, WP9, WP3, WP7	Coordinating safety on all work sites; markings; Presence of safety prevention officers; forbidding overhanging works

ANNEX 1



Connecting Europe Facility (CEF)

Description of the action (DoA)

Part B

Version 1.0

GENERAL DESCRIPTION AND CONTEXT

The Seine-Escaut¹ global project is one of the major transport infrastructure projects in the European Union. It aims at bringing together a network of 1,100 km of high-gauge inland waterways between the Seine basin and the Scheldt (Escaut) and Maas basins in Belgium, in a bid to enable access for modern river convoys of 2,000 to more than 4,000 tons and so drive forward the modal shift in road freight transport towards the waterways.

The project, SEINE-ESCAUT 2.1, pursues activities undertaken since 2005 by the partners, in particular within the CEF project SEINE-ESCAUT 2020 (CEF Action 2014-EU-TM-0373-M) and as described in the Commission Implementing Decision (EU) 2019/1118.

THE PROJECT CONTRIBUTES TO THE EU OBJECTIVES

By promoting the development of waterway transport in northern Europe, the **project will play a significant role in the success of the Green Deal**. Indeed, the inland waterways are one of the transport modes that emit the smallest quantity of greenhouse gases and external costs per tonne of goods transported per kilometre. It is also the mode that releases the least pollutants into the atmosphere. By promoting the development of waterway transport in northern Europe, the **Seine-Escaut network** will play a significant role in the increase of waterborne transport by 25% by 2050 as stated in the **2020 Strategy for Sustainable and Smart Mobility**.

The project will also contribute to **NAIADES III** objectives to further digitalize the inland transport sector. The remote control of locks and weirs is one of the priorities of the project and is developed in line with the rules and principles for cyber-security, data protection and data sharing.

OBJECTIVES, STRUCTURE AND LOCATION OF THE PROJECT

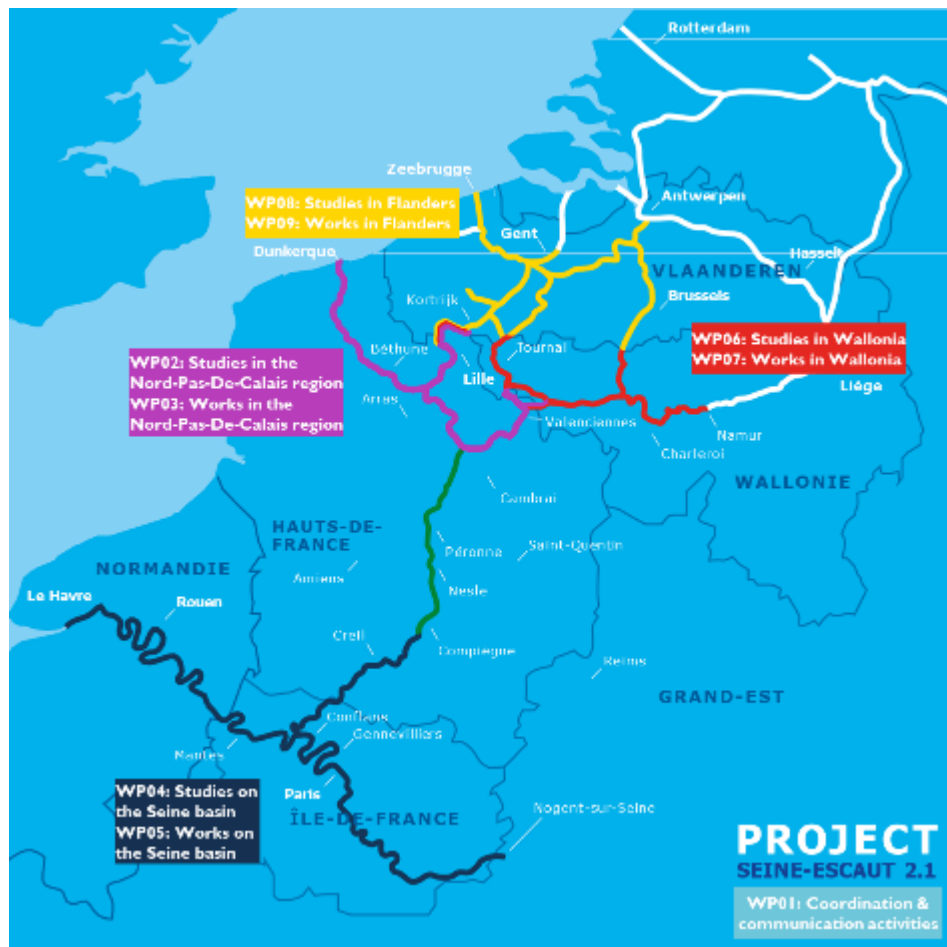
The project will carry out studies and works of the next investment phase of the Seine-Escaut global project pursuing CEF Action SEINE-ESCAUT 2020.

SEINE-ESCAUT 2.1 is broken down into 9 work packages and into two countries: France and Belgium (the Walloon Region and the Flemish Region). Work Package 01 includes horizontal activities carried out together by the beneficiaries. Work Packages 02 to 05 are implemented in France by Voies Navigables de France. Work Packages 06 and 07 are implemented in the Walloon Region of Belgium by the Walloon Public Service for Mobility and Infrastructures. Work Packages 08 and 09 are implemented in the Flemish Region of Belgium by De Vlaamse Waterweg nv.

¹ For the purpose of this application, "Seine-Escaut" is used as the brand name for the global project also known as Seine-Scheldt in English. SEINE-ESCAUT 2020 is the ongoing CEF Action selected in 2014: 2014-EU-TM-0373-M). SEINE-ESCAUT 2.1 is the name of the project.

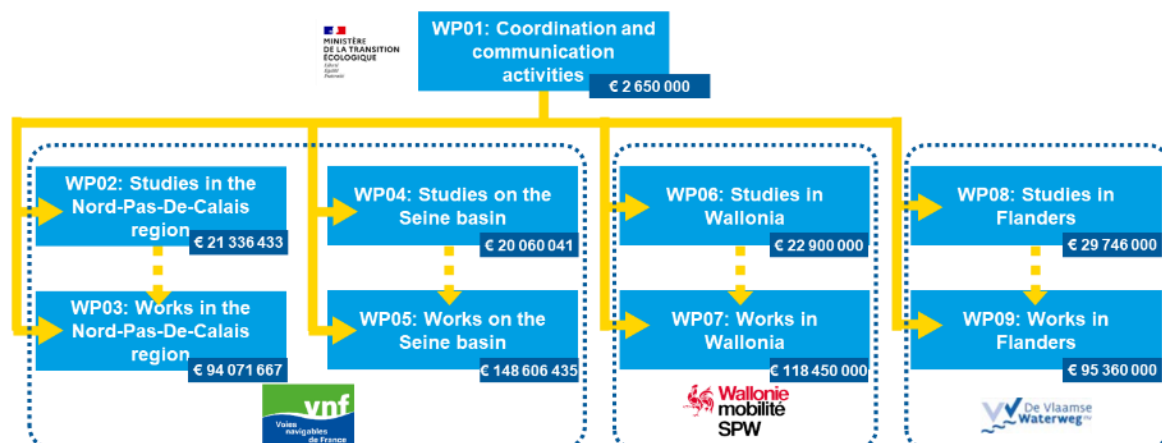
Scheldt will only be used for the river itself.

LOCATION OF THE PROJECT



See detailed maps in Appendix 2.

WORK PLAN OF THE PROJECT



SEINE-ESCAUT 2.1: PROJECT MANAGEMENT

Work Package 01: Coordination and communication activities

This Work Package aims to conduct the project management and dissemination activities in order to guarantee the successful implementation of the project in compliance with the defined budget, schedule and scope, as well as disseminating the results and give adequate visibility to the EU financing. In addition, the WP aims to coordinate the consortium through two specific structures: the Seine-Escaut intergovernmental commission (IGC) and the Seine-Escaut European economic interest grouping (EEIG).

The Work Package will be led by the French Ministry for ecological transition (MTE) and will be carried out by all beneficiaries as well as the Société du Canal Seine-Nord Europe (SCSNE) as Associated Partner.

SEINE-ESCAUT 2.1 IN FRANCE

Work Package 02: Studies in the Nord-Pas-De-Calais region

The Work Package aims to carry out all studies between 2022 and 2026 necessary to prepare and/or monitor works to upgrade the Dunkerque – Scheldt axis, including the canal from Dunkerque to Valenciennes, the Scheldt, and the Deûle towards the Belgian border, with the aim of gradually calibrating the canal to ECMT class Va (bidirectional) and class Vb (unidirectional), and improvement of the navigation conditions.

The objective is to cater for the increase in traffic expected on the Nord-Pas-de-Calais network and to standardize its capacities. Traffic has indeed increased on this network, reaching 11.5 million tonnes in 2019 against 10 million tonnes in 2000 on average. It is expected to reach 29 million tonnes in 2040.

It includes:

- studies to increase the capacity and the reliability of the locks, especially by doubling and/or lengthening.
- studies to secure the navigation conditions for ECMT class Va vessels
- studies to complete or modernize the interface equipment intended to secure, manage and streamline traffic (lock garages, parking areas and turnaround basins).

Most of the studies pursues activities carried out under CEF Action 2014-EU-TM-0373-M.

Work Package 03: Works in the Nord-Pas-De-Calais region

The Work Package aims to increase the capacity and improve the navigation conditions of the network of the Nord-Pas-de-Calais, which includes the canal from Dunkerque to Valenciennes, the Scheldt, and the Deûle towards the Belgian border.

The project in the context of the global project Seine- Scheldt is necessary due to the increase in traffic on the Nord-Pas-de-Calais network and to standardise its capacity. Traffic has indeed increased on this network, reaching 11.5 million tonnes in 2019 against 10 million tonnes in 2000 on average. It is expected to reach 29 million tonnes in 2040.

Most of the works are the continuation and completion of activities carried out during the implementation of CEF Action 2014-EU-TM-0373-M.

Works will make the navigation safer and more efficient on the Dunkerque-Scheldt axis through the calibration of the riverbanks, the deployment of the remote control and lengthening of the Quesnoy-Sur-Deûle lock from 110m to 144m (Class Va+).

Two cross-border links – the Lys Mitoyenne and the Condé-Pommerœul canal – will connect the French network to the Belgium inland waterway network. Works on the Lys will upgrade Section 1 to allow the navigation Class Va/Vb vessels. The Condé-Pommerœul canal will be re-opened in the scope of CEF Action 2014-EU-TM-0373-M but still requires finishing works and related development in this project.

Work Package 04: Studies on the Seine basin

This Work package aims to carry out all the studies required to make it possible for large convoys to navigate the Oise River (which connects the future Canal Seine-Nord Europe with the Seine), the Upstream Seine and the Lower Seine.

- Objective 1 -> contribute to upgrading and developing the large-gauge inland waterways of the Seine basin and the Oise

- Objective 2 -> improve the reliability of the level of service and the water line management, with the refurbishment of the waterway infrastructure (locks and weirs),
- Objective 3 -> increase capacity with the lengthening of the locks,
- Objective 4 -> increase in the level of service through the incorporation of remote-control systems in the waterway facilities and in the modernisation of the related installations.

Work Package 05: Works on the Seine basin

This Work package aims to carry out all works required to make it possible for large convoys to navigate the Oise River (which connects the future Canal Seine-Nord Europe with the Seine), the Upstream Seine and the Lower Seine.

- Objective 1 -> contribute to upgrading and developing the large-gauge inland waterways of the Seine basin and the Oise
- Objective 2 -> improve the reliability of the level of service and the water line management, with the refurbishment of the waterway constructions (locks and weirs),
- Objective 3 -> increase capacity with the lengthening of the locks,
- Objective 4 -> increase in the level of service through the incorporation of remote-control systems in the waterway facilities and in the modernisation of the related installations.

SEINE-ESCAUT 2.1 IN WALLONIA:

Work Package 06: Studies in Wallonia

The Work Package aims to carry out general and technical studies to prepare the works of the Seine-Escaut network in Wallonia during the future Calls and deliver a general support for the execution of the present project.

WP06 contributes to the following objectives:

- Support technically the execution of the global project in Wallonia
- Optimise the investments in relation to expected navigation service levels through horizontal studies
- Confirm the outstanding investments in relation to environmental, navigation and other obligations through horizontal studies
- Continue to prepare the works for the upgrade of the lower Sambre to ECMT class Va in view to achieve the objectives of the global project
- Continue to prepare the works for the upgrade of Walloon Backbone to ECMT class Va in view to achieve the objectives of the global project
- Prepare the works to increase the capacity and to upgrade the infrastructure on the Upper Scheldt, in view to achieve the objectives of the global project
- Prepare the works to secure the navigation conditions on Lys (improve reliability of the infrastructure), in view to achieve the objectives of the global project
- Prepare the works to secure the navigation conditions on Seneffe-Antwerp section (improve reliability of the infrastructure) in view to achieve the objectives of the global project

Work Package 07: Works in Wallonia

The Work Package aims to carry out works on the Seine-Escaut network in Wallonia.

WP07 contributes to the following objectives:

- Upgrade of the section Nimy-Blaton-Péronnes (Walloon Backbone) to ECMT class Va
- Upgrade of the Sambre (Walloon Backbone) to ECMT class Va
- Establishment the remote control for the locks and weirs on the lower Sambre
- Securing the navigation conditions et restauration of the service capacity on the Seneffe – Antwerp section

SEINE-ESCAUT 2.1 IN FLANDERS:

Work package 08: Studies in Flanders

The studies included in this work package are, on the one hand, studies that support the implementation and the follow-up of the works, and on the other hand, project studies and general studies for other waterway section

in the Flemish Seine-Escaut network, in preparation of subsequent projects and calls. The studies have the following objectives:

- The further upgrading of the Lys to a waterway of ECMT class Vb (unidirectional) and Va (bidirectional), enabling 3 layers of containers.
- The upgrading of the locks of the Upper-Scheldt to ECMT class Vb by re-engineering the existing locks and preparing the PPP procurement for the new locks.
- The development of the hinterland connection of the Flemish coastal ports through the upgrading of the Ghent-Ostend Canal to ECMT class Va, including the transit through Bruges.
- The upgrading of the Roeselare-Lys Canal and Bossuit-Kortrijk Canal to ECMT class Va.
- Upgrading the Seneffe-Antwerp section to ECMT class IV in two directions.
- Development of a global watersystem strategy for the Seine-Escaut perimeter in Flanders.
- Setting up an economic toolbox to evaluate the potential for water-related business areas in the Flemish Seine-Escaut perimeter (Transport Bis).

Finally, the necessary elements are provided for the further project preparation and communication concerning the Flemish part of the Seine-Escaut project.

WP 09: Works in Flanders

Work package 09 consists of the works that will be carried out in Flanders. The tasks included in this work package connect to previously made investments and to the commitments made by De Vlaamse Waterweg nv in the implementation of the European Implementing Act Seine-Escaut.

The main focus of the works lies on further upgrading the Lys to a waterway of ECMT class Vb (unidirectional) and Va (bidirectional), enabling 3 layers of containers. The specific objectives related to upgrading the Lys are:

- Works on the Lys at section 140 (Deinze – Sint-Baafs-Vijve): the calibration of zone A (downstream half of the section and zone B (upstream half) and the construction of the cyclist bridge F422 at Deinze.
- Works on the Lys at section 160 (Harelbeke – Menen) - transit Menen: embankments at cyclist bridge: the construction of new, wider river embankments in the immediate vicinity of the future cyclist bridge at the Barakkenpark, just downstream of the town centre.

In addition to the works on the Lys, the implementation of the project plan for the further upgrade of the canal Roeselare-Lys (to ECMT class Va) will be started:

- The reconstruction of the Lysbridge in Ingelmunster.
- The upgrade of the three quay walls: quay Zuid Izegem, quay Vanden Avenne and turning basin Kachtem.

Furthermore, the modernisation of the Seneffe-Antwerp section will be further realised in preparation of the upgrade of the canal to a ECMT class IV waterway, enabling 3 layers of containers:

- The construction of the Zuid bridge in Halle.
- The construction of the Driefonteinen bridge in Sint-Pieters-Leeuw.

GLOBAL PROJECT: SEINE-ESCAUT

CONTEXT

The Seine-Escaut network is the largest European logistical and waterway development project of the first half of the 21st century.

Located at the crossing point of four of the nine European multimodal corridors, it opens up a new gateway to Europe for the ports of Le Havre, Rouen, Dunkerque, Antwerp, Ghent and Zeebrugge. This gateway is connected to the river, rail and road networks of the largest European production and consumption catchment area.

At the heart of the network, the 107 km Seine-Nord Europe canal is the «missing link» that, with the overall modernisation of a large part of the existing network, will accelerate the modal shift in France, Flanders and Wallonia, given the high road traffic levels and economic and ecological costs faced by these regions.

Thanks to the networking of the North European catchment areas, the increasing size of the ships and convoys and their increased modularity, their capacity to serve the large-gauge and small-gauge networks and the development of logistics infrastructures and multimodal solutions associated with the development of the inland waterway infrastructure, waterway transport will become more attractive, accessible, competitive and efficient.

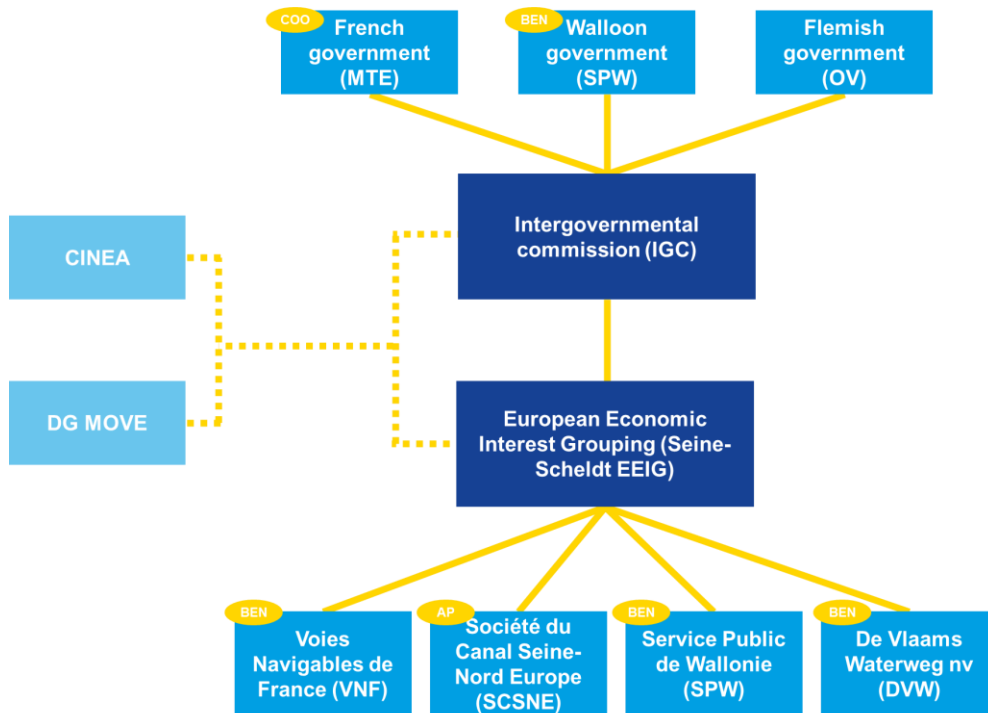
SEINE-ESCAUT: MORE THAN 1 100 KM OF INLAND WATERWAYS AT THE HEART OF THE EUROPEAN UNION

The Seine-Escaut global project encompasses the waterway network composed of

- The Seine-Nord Europe canal, the Dunkerque-Scheldt link, the Oise river, the Seine from Le Havre to Nogent-sur-Seine
- the Sambre, the Charleroi-Brussels-Antwerp canal, the Center canal and the Nimy-Blaton-Péronnes canal
- the Lys and its Diversion Canal, the Upper-Scheldt, the Upper-Seascheldt, the Ghent-Ostend canal, the Roeselare-Lys canal, the Bossuyt-Kortrijk canal and the Circular Canal around Ghent
- two cross-border inland waterways: the Lys Mitoyenne and the Condé-Pommerœul canal
- the connection points with the other transport modes including the multimodal platforms and the inland waterway links with the seaports of Le Havre, Dunkerque, Ghent, Antwerp and Zeebrugge

AN INTEGRATED MANAGEMENT STRUCTURE GATHERING THREE GOVERNMENTS

The cross-border dimension of the project requires setting up dedicated governance structures. Belgium (the regions of Flanders and Wallonia) and France closely cooperate since years, notably within the framework of the **Inter-Governmental Commission** for the preparation of the completion of the Seine – Escaut project, established in September 2009. This Inter-Governmental Commission has the operational support of the **Seine –Escaut European Economic Interest Grouping** (Seine-Escaut EEIG) gathering Voies Navigables de France (VNF), the Société du canal Seine-Nord Europe (SCSNE), the Public Service of Wallonia (SPW) and De Vlaamse Waterweg nv (DVW). According to the 2019 implementing decision (point (11) of the foreword) these dedicated entities constitute an integrated management structure that supervise and coordinate the completion of the Seine – Escaut global project and more specifically of the project.



Structure of the consortium

THE SEINE-ESCAUT INTERGOVERNMENTAL COMMISSION (IGC)

Since 2009, the main governance authority for the Seine-Escaut link has been the Seine-Escaut intergovernmental commission (IGC) made up of the French, Walloon and Flemish governments. Its role is to monitor all the issues relating to preparing and implementing the large-gauge Seine-Escaut inland waterway link, including the following in particular:

- the coordination of the financing of the project, the coordination of the studies and the environmental procedures and the timelines for the completion of the different sections of the trans-border section, in accordance with the opening calendar of the different sections of the new inland waterway network.
- the conditions governing the standardisation of the prices practised on the trans-border section, the study of the collection conditions and the associated distribution of the toll revenues.
- the conditions for the standardisation of the management of the traffic on the trans-border section, using inland waterway information services in particular

In French law, the intergovernmental commission was established by an international agreement in the form of an exchange of letters between the Government of the French Republic, the Government of the Flemish Region of Belgium and the Government of the Walloon Region of Belgium relating to the creation of an intergovernmental commission for the preparation and implementation of the Seine-Escaut project, signed in Paris on 10 March 2009, in Jambes on 7 April 2009 and in Willebroek on 17 April 2009. In France, this agreement was published by decree no. 2009-1355 of 2 November 2009.

The IGC meets at least quarterly. The 2019 Implementing Decision requires to invite a representative of the European Commission at least biannually. It endorses a usual practice adopted by the partners.

Indeed, since the 2009, the European Commission and CINEA have been invited on a regular basis to attend IGC meetings.

Since 2014, several meetings have taken place in the presence of Mr Péter Balázs, European coordinator responsible for the North Sea – Mediterranean corridor or his representative.

THE SEINE-ESCAUT EUROPEAN ECONOMIC INTEREST GROUPING (EEIG)

The Seine-Escaut European Economic Interest Grouping (EEIG) was formed in April 2010. It brings together the waterway managing authorities Voies Navigables de France (VNF), the Société du Canal Seine Nord Europe, De Vlaamse Waterweg nv (DVW) and the Service Public de Wallonie (SPW). The work of the EEIG has allowed, in particular, for more in-depth socio- economic and pricing studies for the Seine-Escaut link. It contributes to preparations for meetings of the intergovernmental commission with regard to:

- Respecting the fundamental functional objectives of the link (continuity of Va/Vb class) and provisional activity schedules in view of the shared objective of commissioning the entire Seine-Escaut waterway link in 2030,
- coordinating schedules for study activities (environmental studies, administrative procedures) and 40 works scheduled by the Seine-Escaut project,
- coordinating financing requests with regard to the European Union (presented jointly by the French, Flemish and Walloon authorities to the departments of the European Commission), monitoring the implementation of financing decisions granted by the European Union,
- the conditions for the standardisation of the management of the traffic using inland waterway information services in particular.

The 2019 Implementing Decision requires to invite a representative of the European Commission and the European Coordinator for the North Sea –Mediterranean Core Network Corridor to participate in the EEIG as observers at least three times a year. It endorses a usual practice adopted by the partners.

Indeed, since the 2010, the European Commission, CINEA and Mr Péter Balázs, European coordinator responsible for the North Sea – Mediterranean corridor have been invited on a regular basis to attend EEIG meetings.

INVOLVEMENT OF THE EUROPEAN COMMISSION

In line with Art. 3 of the 2019 implementing decision, the European Coordinator for the North Sea – Mediterranean Core Network Corridor and a representative of the Commission are regularly participating in the meetings of the Intergovernmental Commission and Seine-Escaut EEIG as observers. Moreover, the European Coordinator and/or a representative of the Commission are participating in the meetings of the supervisory board (conseil de surveillance) of the SCSNE as observers.

A CROSS-BORDER PROJECT

The Seine – Escaut project is a complex cross-border project, involving Belgium (Walloon and Flemish Regions and France and involving works aiming both at creating new infrastructure and at improving existing infrastructure with minimal impact on navigation during works. An international coordination is therefore necessary (see sections below).

AS LISTED IN THE CEF REGULATION ANNEX PART III

Annex Part III of the CEF2 Regulation explicitly lists the „Seine – Escaut Network and the related Seine, Scheldt and Meuse River basins,, as a **cross-border link of the core network corridor “North Sea – Mediterranean” for inland waterways.**

The cross-border links which are covered by the project are:

- the cross-border Lys Mitoyenne canal (BE-FR)
- the cross-border canal Condé-Pommerœul (BE-FR)



CROSS-BORDER LYS MITOYENNE

This section flows across the French and Belgian borders several times over a length of 16 km, hence the need for very close cooperation in the implementation of works by the responsible entities. The objective for this section, which has been set in the 2019 implementing decision Art. 2(i) is the “upgrade to ECMT class Vb (unidirectional) and Va (bidirectional), enabling 3 layers of containers, by December 2027”. In this context, the signature in November 2018 of a framework agreement by the Flemish and Walloon Regions in Belgium and by the French government was a key development. Given the cross-border nature of the Lys and the variations in the position of the border in relation to the project, the agreement provides for the distribution of roles for project management of the works as following:

- section 1: from Deûlémont to the Comines lock under the supervision of VNF
- section 2: from the Comines lock to the Wallonia / Flanders border under the contracting authority of the Public Service of Wallonia (SPW)
- section 3: from the Wallonia / Flanders border to the Menin Bridge under the contracting authority of De Vlaamse Waterweg (DVW)

Some works have already been carried out in Flanders such as the reconstruction of the cross-border bridge of Wervik over the Lys. In Wallonia, main calibration works are ongoing since November 2019 to upgrade the crossing of the Belgian and French towns of Comines. In France, works on section 1 started in September 2019. Within the SEINE-ESCAUT 2020 project, further works are required related to finalization of environmental measures, and the continuation and completion of dredging, including the management and final development of management sites.

CROSS-BORDER CANAL CONDÉ-POMMERŒUL

Because of siltation (sediments), the cross-border canal Condé-Pommerœul has been closed for navigation in 1992. The objective for this section, which has been set in the 2019 implementing decision Art. 2(f) is the „reopening with ECMT class Va, by December 2022”. This will allow to:

- connect wide gauge canals of the Dunkerque-Scheldt axis in France and the Walloon-Backbone in Belgium
- reduce the travel time by 12h by providing a direct 11 km connection instead of the current 40 km detour
- develop the hinterland of the maritime port of Dunkerque, as well as the other inland-waterway ports of this section

In view of the reopening of the canal finally scheduled for 2023, works are ongoing on both sides of the border, of which a certain share has been realised in the ongoing CEF action and which will be continued in the project. After its reopening (within the SEINE-ESCAUT 2020 project), further works are required related to ecological facilities and landscaping and the finalization of dredging and the management and final development of sediment and excavated soil management sites. In this context, the signature in May 2017 of a framework agreement by the Walloon region in Belgium and by the French government was a key development.

SEINE-ESCAUT 2020 MADE MAJOR PROGRESS

In 2014, France and Belgium's Walloon and Flemish regions submitted a proposal to the 2014 CEF call for proposal which was selected for funding (Seine-Escaut 2020, CEF Action 2014-EU-TM-0373-M). In this phase, Member States and inland waterways authorities (VNF, DVW and SPW) have reached crucial milestones of the global project, including:

- On the Seine basin:
 - ✓ The MAGEO preliminary project was approved in February 2017, and the declaration of public utility was published in April 2022
 - ✓ The Bray-Nogent AVP study was approved in July 2019, and the declaration of public utility was published in July 2022
 - ✓ The Vives Eaux dam was reconstructed in December 2018
 - ✓ The Bougival dam-bridge was renovated in December 2018
 - ✓ The Evry dam was renovated in April 2021
 - ✓ The Coudray secondary lock was renovated in December 2020 and the Vives-Eaux secondary lock was renovated in April 2022
 - ✓ On the Canal Seine-Nord Europe
 - ✓ The Société du Canal Seine-Nord Europe was established on 4 May 2017
 - ✓ The Environmental authorisation for Sector 1 has been issued on 8 April 2021
 - ✓ Early works on the Canal started in May 2021.
 - ✓ The pilot studies on the other Sectors enabled the launch of the plot surveys were completed in 2021
- In the Nord-Pas-De-Calais Region
 - ✓ The Don, Grand-Carré and Denain locks have been upgraded from 2018 to 2022.
 - ✓ The dredging of the Comines reach for the recalibration of the Deûle was completed in December 2018
 - ✓ PRO studies for the remote control on the North wide gauge network were completed in August 2021
 - ✓ The first phase of the works to upgrade the Quesnoy-sur-Deûle lock will be commissioned with finishing works in December 2022.
- In Flanders
 - ✓ The new Wervicq bridge opened in May 2017
 - ✓ The cross-border section of the Lys in Wervik is upgraded to ECMT class Vb in February 2018
 - ✓ All works to upgrade the Harelbeke lock were completed in December 2019
 - ✓ All the locks on the Flemish part of the Lys have been upgraded to the Vb gauge since August 2020
- In Wallonia
 - ✓ Navigation conditions were optimised by deepening the Kain and Hérinnes locks in December 2015
 - ✓ The new Kain weir was opened in November 2018
 - ✓ The new Luttre bridge opened in December 2017
 - ✓ The Tournai alternating section was equipped with remote control in February 2019 and upgraded to class Va in January 2020
 - ✓ The Marchienne, Viesvilles and Gosselies were modernized by July 2021
 - ✓ The Landelies quay wall was lengthened in May 2021

OBJECTIVES, LOCATION AND TIMELINE OF THE GLOBAL SEINE-ESCAUT PROJECT

STRATEGIC OBJECTIVES OF THE SEINE-ESCAUT PROJECT

The main issue identified on the North Sea – Mediterranean corridor is the class II connection (Canal du Nord) between the Seine (including Oise) basin and the network of the Nord-Pas-de-Calais and the Walloon and Flemish Regions, which are from Va to Vb gauge waterways. The global project aims to:

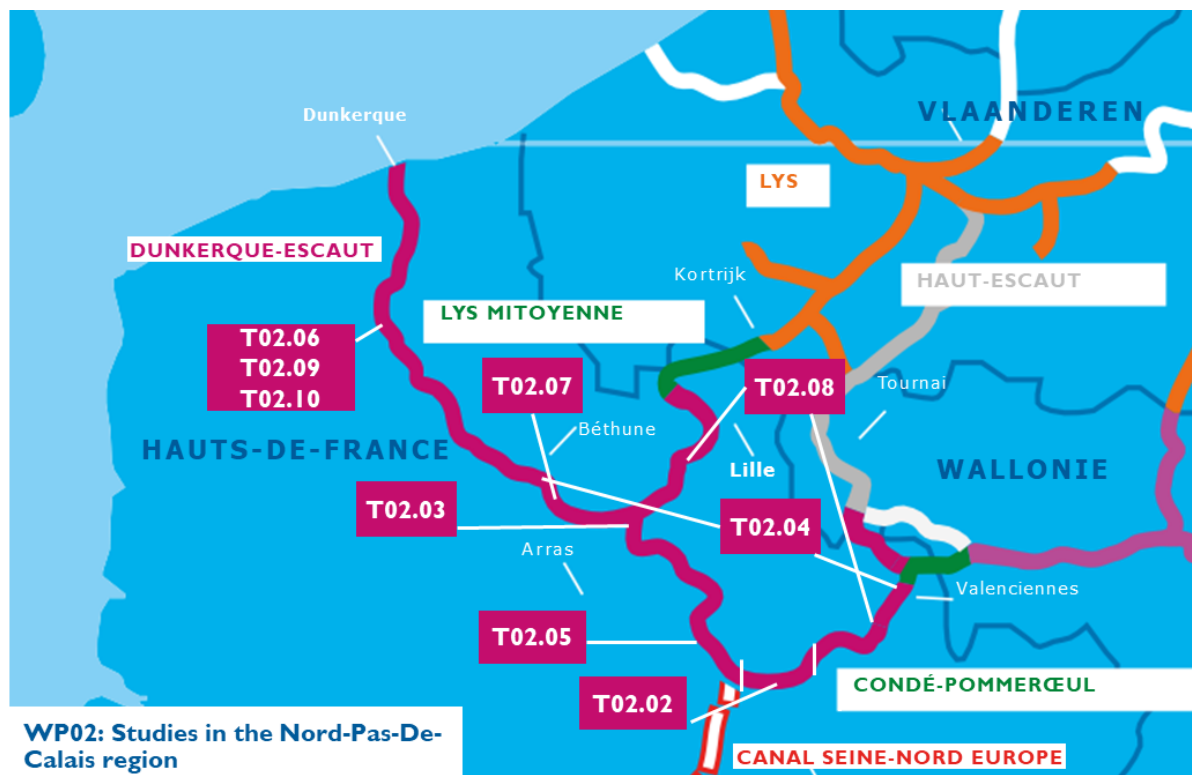
- Remove the missing links by completing the Seine-Nord Europe canal, reopening the cross-border Condé-Pommerœul canal, upgrading the Lys Mitoyenne cross border link and improving the performance of the existing northern and southern networks
- Remove inland waterway bottlenecks such as the crossing of Tournai by upgrading existing infrastructure to enable high-gauge navigation (at least Va class)
- Improve navigation conditions by ensuring the reliability and safety of the inland waterways and infrastructure, improving services to users and deploying remote control.
- Ensure an integrated management of the network at regional/national/cross-border/EU level with regard to service level for the users.

SPECIFIC OBJECTIVES OF THE SEINE-ESCAUT GLOBAL PROJECT FOR THE 2022-2030 PERIOD AS INDICATED IN THE EC 2019 IMPLEMENTING DECISION

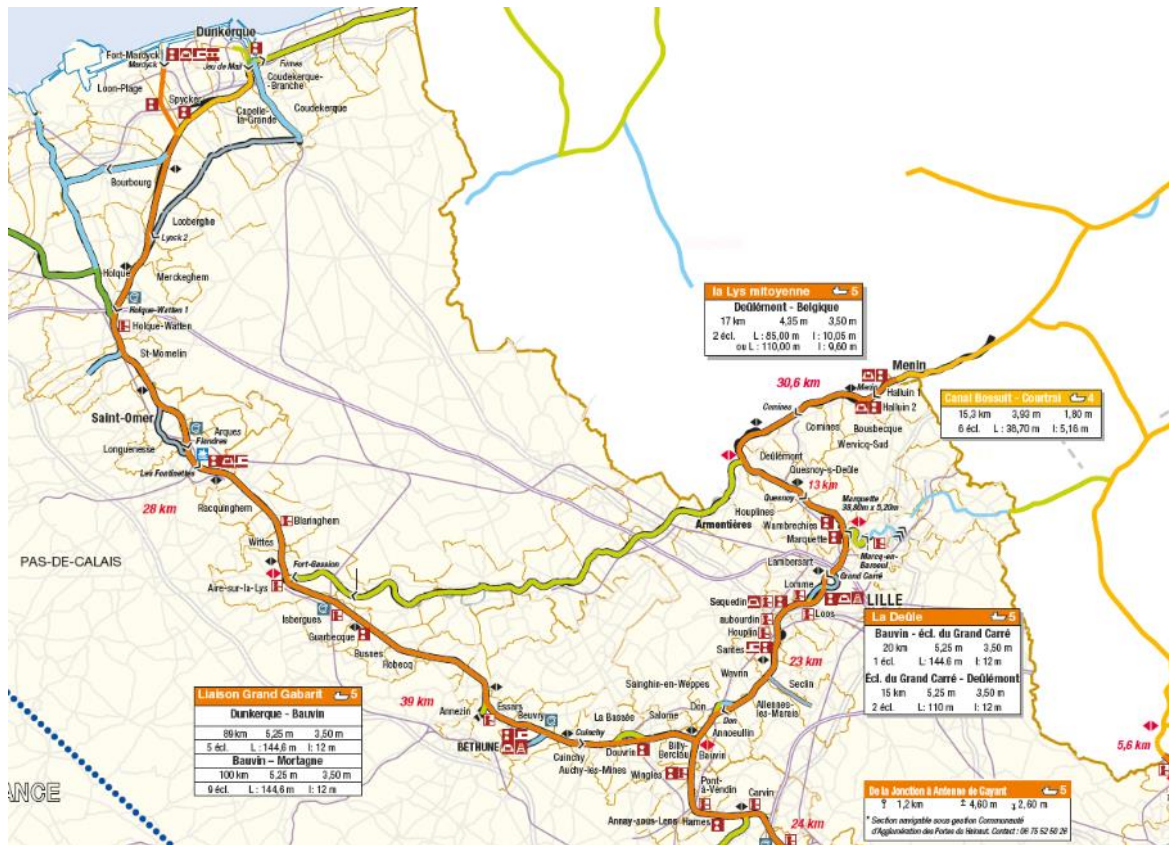
GEOGRAPHIC SECTORS	OBJECTIVES & TIMELINE
(a) Seine-Amont <i>from Nogent-sur-Seine to Paris</i>	<ul style="list-style-type: none"> improvement of the navigation conditions, by December 2030
(b) Seine-Aval, <i>from Suresnes to Le Havre</i>	<ul style="list-style-type: none"> upgrades and improvement of the navigation conditions, by December 2027
(c) Oise <i>from Conflans-Sainte-Honorine to Compiègne</i>	<ul style="list-style-type: none"> upgrade to ECMT class Vb and improvement of navigation conditions, by December 2028
(d) Canal Seine-Nord Europe <i>from Compiègne to Aubencheul-au-Bac</i>	<ul style="list-style-type: none"> construction and entry into operation, with ECMT class Vb and enabling three layers of containers, by December 2030
(e) Dunkerque – Scheldt axis <i>including the canal of Dunkerque from Valenciennes to the Scheldt and the Deûle in the direction of Gent</i>	<ul style="list-style-type: none"> upgrade gradually to ECMT class Va (bidirectional) and class Vb (unidirectional), and improvement of the navigation conditions
(f) Canal Condé-Pommerœul	<ul style="list-style-type: none"> reopening with ECMT class Va, by 2023 and completion of the canal and soil management sites by June 2026
(g) Walloon Backbone <i>from Pommerœul to Namur</i>	<ul style="list-style-type: none"> upgrade to ECMT class Va, by December 2028 remote control on the Walloon backbone by 2030.
(h) Upper Scheldt <i>in Wallonia (Belgium)</i>	<ul style="list-style-type: none"> upgrade to ECMT class Va, including adaptation of the Tournai crossing to an unidirectional Va and adjustment of the 'Pont des Troues' and 'Pont-à-Pont', by December 2022 capacity increase and securing of the lock sites, through the adaptation of the locks of Hérinnes and Kain, with finalisation of the studies by December 2025 and of the works by December 2030;
(h) Upper Scheldt <i>in Flanders (Belgium)</i>	<ul style="list-style-type: none"> finalisation of the studies for an upgrade of the locks to ECMT class Vb by December 2022, and drawing up of a technical and financial implementation plan by December 2023;
(i) Lys <i>in Flanders (Belgium) and on the Lys-Mitoyenne (cross-border section between France, Flanders and Wallonia (Belgium))</i>	<ul style="list-style-type: none"> upgrade to ECMT class Vb (unidirectional) and Va (bidirectional), enabling 3 layers of containers, by December 2027 upgrade of the Lys Mitoyenne to ECMT class Vb, including Section 1 Deûlémont-Comines by 2025, the crossing of Comines by 2027 and securing of navigation by 2030
(j) Connecting network in Flanders	<ul style="list-style-type: none"> studies for the upgrade of the Flemish inland waterway sections with class Va connecting directly to the Seine-Escaut main link, by December 2022 drawing up of a technical and financial implementation plan, including a detailed priority assessment, for the necessary upgrades on the above sections, by December 2023
(k) Seneffe – Antwerp <i>on the Flemish and Walloon sections:</i>	<ul style="list-style-type: none"> conduct studies, in particular for the upgrade to a fully- fledged ECMT class IV, by December 2022 drawing up of a technical and financial implementation plan of the necessary upgrades, by December 2023 Modernization and securisation of the Walloon infrastructures by 2028
(l) General actions	<ul style="list-style-type: none"> drawing up of a policy framework, coordinated between the different parties, to promote the full deployment of alternative fuels infrastructure along the whole Seine-Escaut network, in line with the National Policy Frameworks submitted by Belgium and France in the context of Directive 2014/94/EU of the European Parliament and of the Council, by December 2022, with a view to gradual implementation by December 2030; implementation of integrated and efficient cross-border traffic and transport management services along the whole Seine-Escaut network, including the full-scale RIS implementation according to Directive 2005/44/EC of the European Parliament and of the Council, by December 2028; development of multimodal logistics platforms on the Seine – Escaut network, by December 2028. The inland ports will be built by the Hauts-de-France Regional Council. These works are subject to European funding (reference: 2019-FR-TM-0110-S).

MAPS OF THE PROJECT

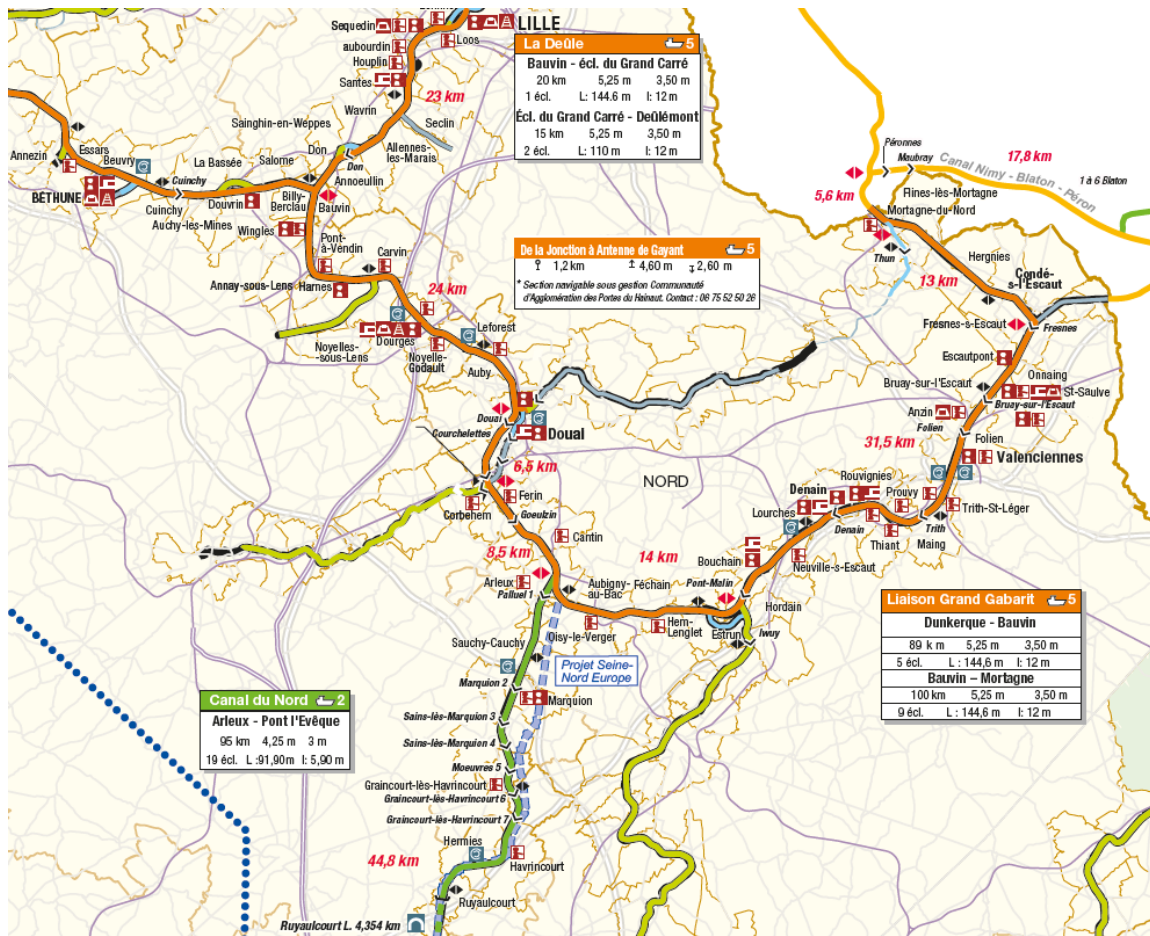
WORK PACKAGE 2: STUDIES IN THE NORD-PAS-DE-CALAIS REGION



T02.02	Studies for the calibration of the Sensee river	T02.06	Studies for doubling the Fontinettes lock
T02.03	Other studies for the calibration plan – Nord-Pas-De-Calais network	T02.07	Studies for doubling/lengthening locks on the Dunkerque-Cuinchy axis
T02.04	Studies on turning basins, lock garages and waiting areas	T02.08	Studies for doubling/lengthening locks on the Deule and Scheldt
T02.05	Studies for lengthening locks on the Douai network	T02.09	Studies on the Fontinettes reach
		T02.09	Studies on the reliability of the Fontinettes lock

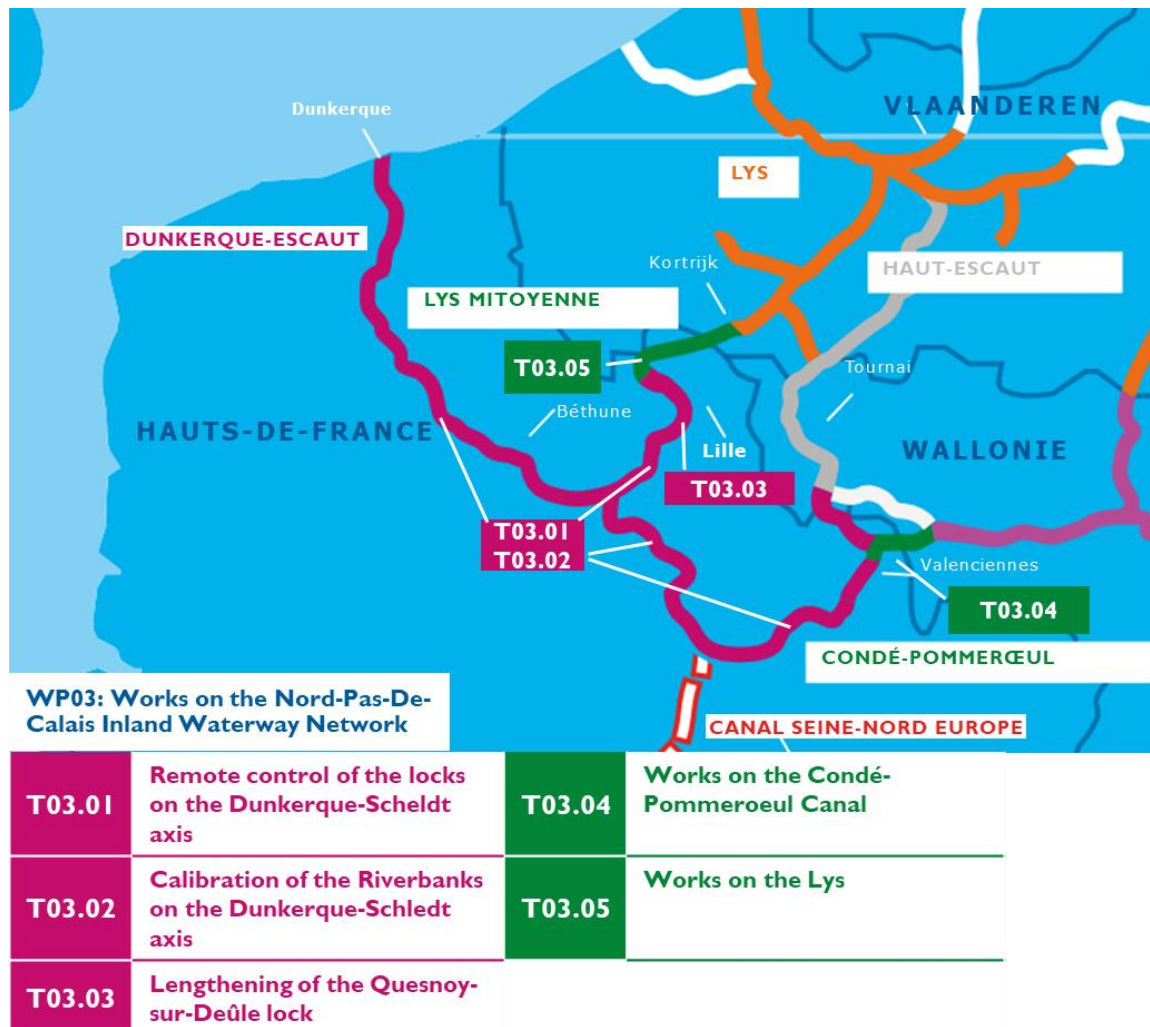


Map of the Nord-Pas-De-Calais network (north)



Map of the Nord-Pas-De-Calais network (south)

WORK PACKAGE 3: WORKS IN THE NORD-PAS-DE-CALAIS REGION



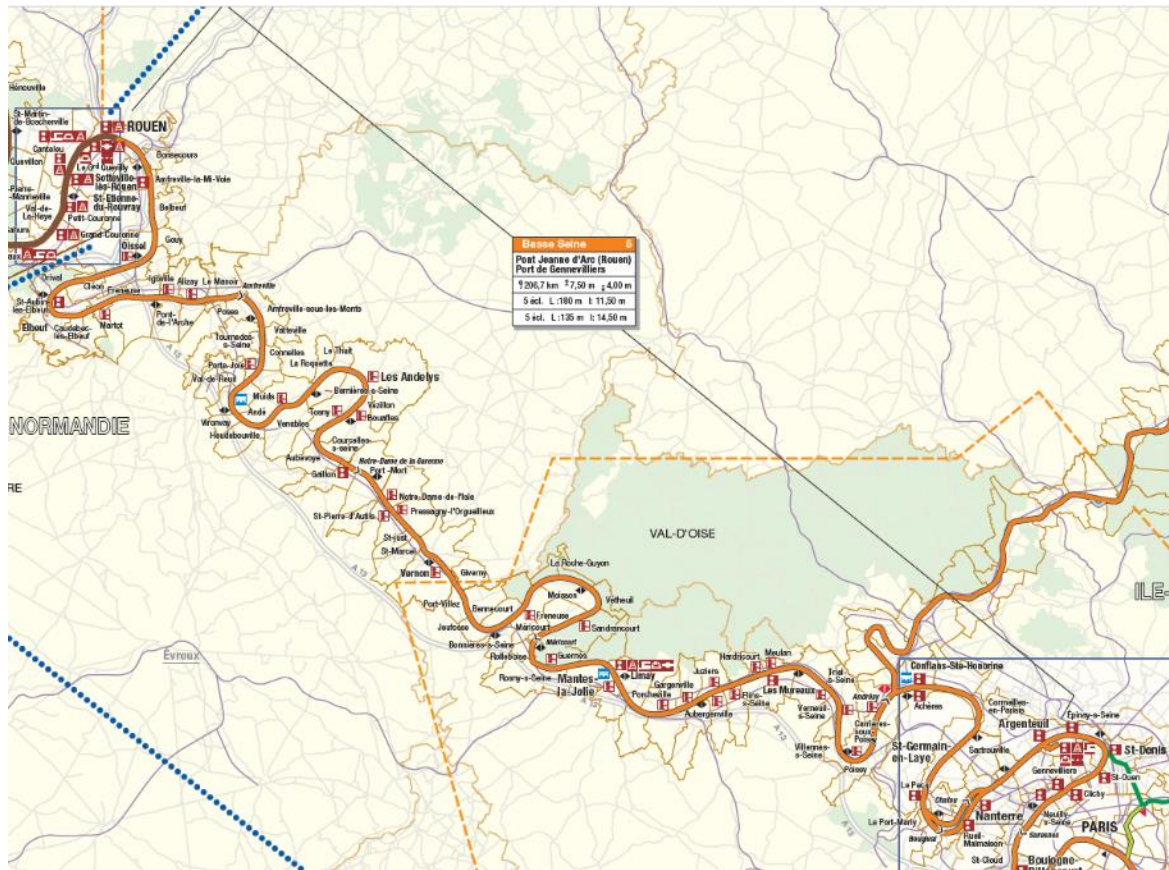
WORK PACKAGE 4: STUDIES ON THE SEINE BASIN



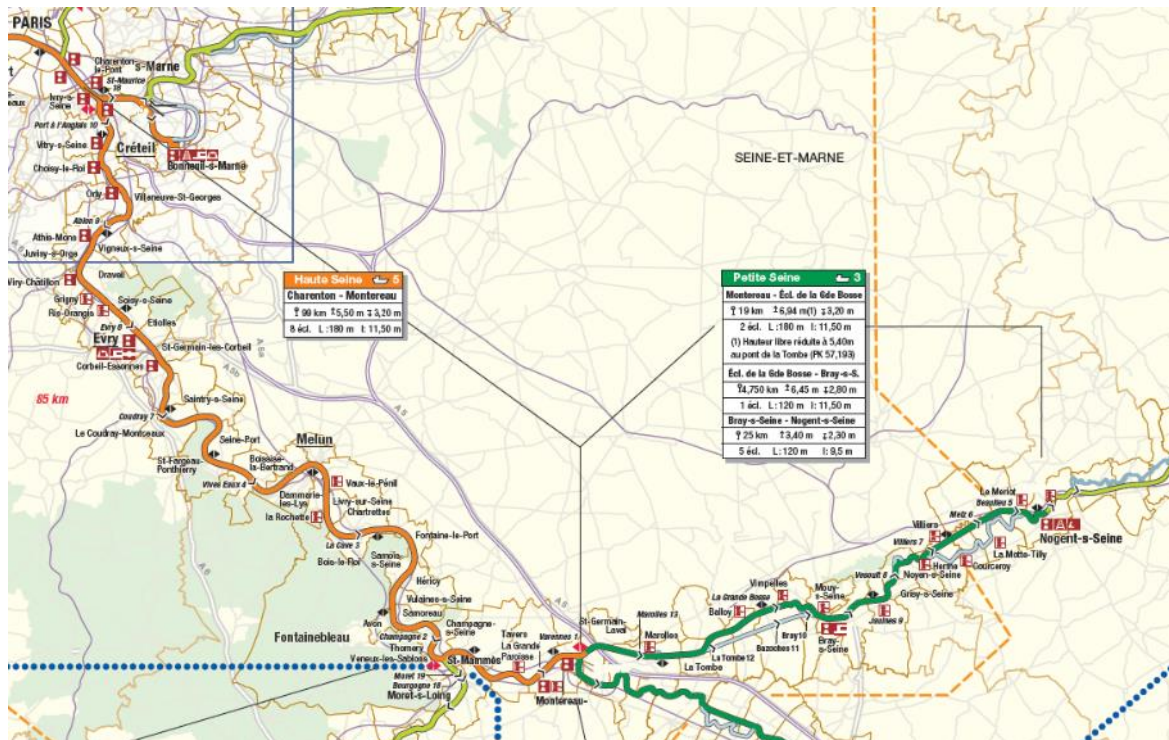
T04.02	Studies on the Oise: Parking of convoys	T04.10	Lower Seine: Andrézy-Denouval reach
T04.03	Lower Seine: Remote control	T04.11	Upper Seine: Remote control
T04.04	Lower Seine: Lock 1 Notre Dame de la Garenne	T04.12	Upper Seine: Bray Nogent
T04.05	Lower Seine: Lock 3 Suresnes	T04.13	Upper Seine: Livon dam
T04.06	Lower Seine: Barrage à hausses Suresnes	T04.14	Upper Seine: Evry main lock
T04.07	Lower Seine: Méricourt dam	T04.15	Upper Seine: Port à l'Anglais dam
T04.08	Lower Seine: Refurbishment of locks (Suresnes 1, Chatoux, Andrézy, NDG 3 & 4, Amfreville)	T04.16	Upper Seine: Lock 2 Ablon
T04.09	Lower Seine: Port Mort dam erosion pit	T04.17	Upper Seine: Lock Vigneux



Map of the Oise



Map of the Lower Seine



Maps of the Upper Seine

WORK PACKAGE 5: WORKS ON THE SEINE BASIN



T05.01	Oise: Remote control	T05.10	Lower Seine: Refurbishment of locks (Suresnes 1, Chatoux, Andrézy, NDG 3 & 4)
T05.02	Lower Seine: Remote control	T05.11	Upper Seine: Remote control
T05.03	Lower Seine: User services	T05.12	Upper Seine: User services
T05.04	Lower Seine: Lock 2 Méricourt	T05.13	Upper Seine: Beaulieu dam
T05.05	Lower Seine: Amfreville overpass	T05.14	Upper Seine: Lock 2 Champagne
T05.06	Lower Seine: Port Mort dam	T05.15	Upper Seine: Lock 1 Evry
T05.07	Lower Seine: Poses dam	T05.16	Upper Seine: Port à l'Anglais dam
T05.08	Lower Seine: Barrage à vannes Suresnes	T05.17	Upper Seine: Lock 2 Ablon
T05.09	Lower Seine: Croissy dike	T05.18	Upper Seine: Evry fishway

WORK PACKAGE 6: STUDIES IN WALLONIA



WP06: Studies in Wallonia

T06.01	Technical support	T06.04	Technical studies Upper Scheldt
T06.02	Horizontal studies	T06.05	Technical studies: Lys
T06.03	Technical studies: Walloon Backbone	T06.06	Technical studies: Seneffe-Antwerp

Seine-Escaut 2.1 en Wallonie (2021-2026)

Cofinancé par le mécanisme pour l'interconnexion en Europe de l'Union européenne

seine
escaut



Études programmées

1. Amélioration de la navigabilité sur la Lys
2. Augmentation de capacité des sites sur le Haut Escaut
3. Modernisation de l'écluse d'Iltre
4. Amélioration des infrastructures de la Dorsale wallonne (classe Va)

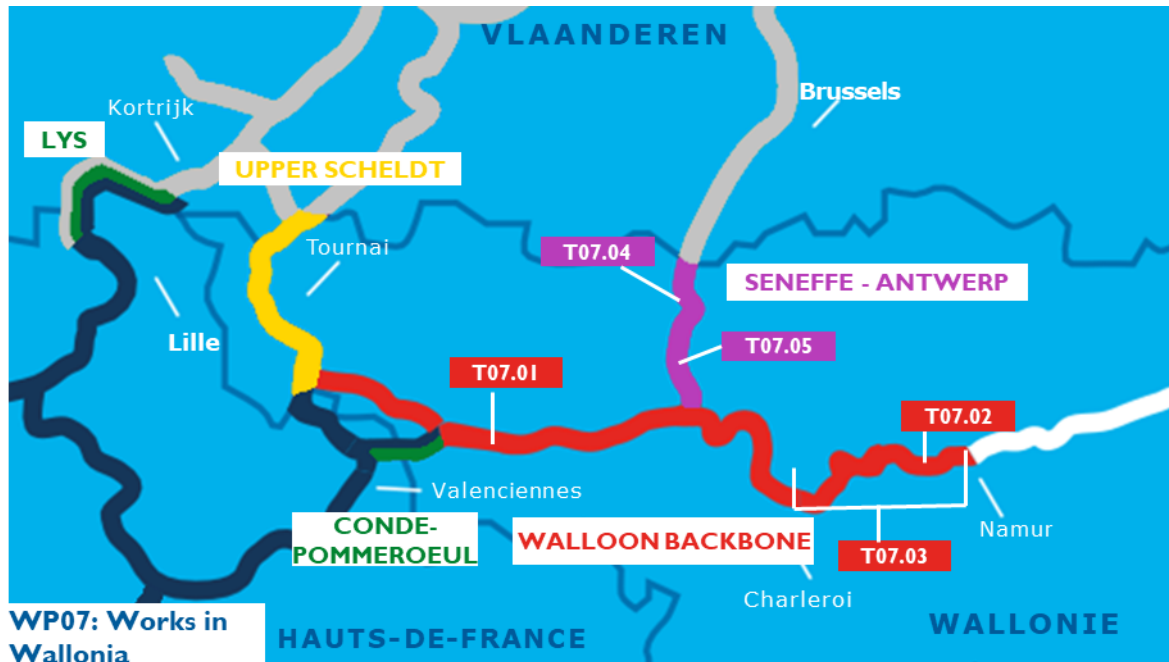
Travaux programmés

1. Adaptation du canal Nimy-Blaton (classe Va)
2. Réhabilitation du Plan incliné de Ronquières (1^{re} partie)
3. Travaux préparatoires à la télégestion de l'écluse d'Iltre
4. Travaux préparatoires à la télégestion des ouvrages hydrauliques de la Basse Sambre (1^{re} partie)
5. Amélioration de la navigabilité sur la Sambre à Franière (classe Va)

Support et études transversales programmés

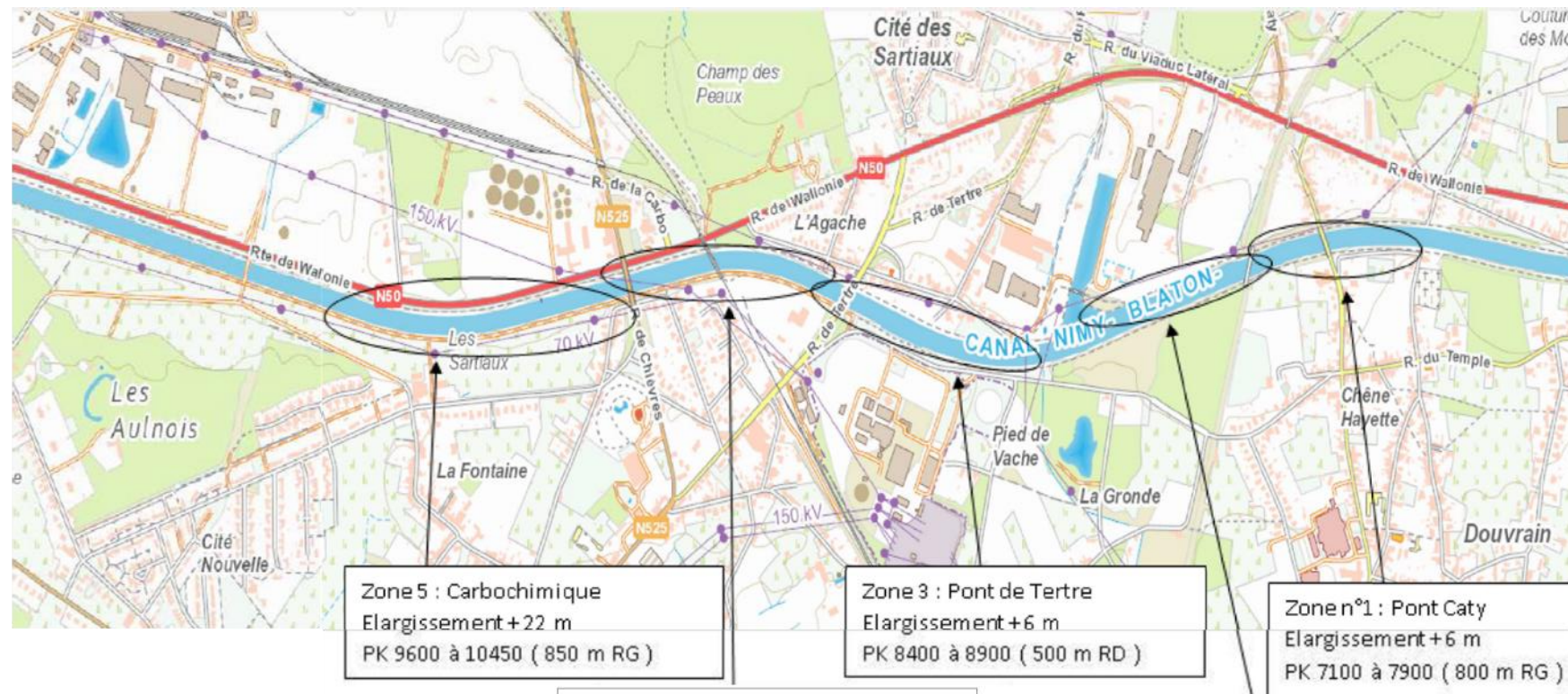
- Support technique
- Activités de communication
- Mise à jour de l'étude environnementale stratégique
- Étude de navigation et de trajectographie

WORK PACKAGE 7: WORKS IN WALLONIA



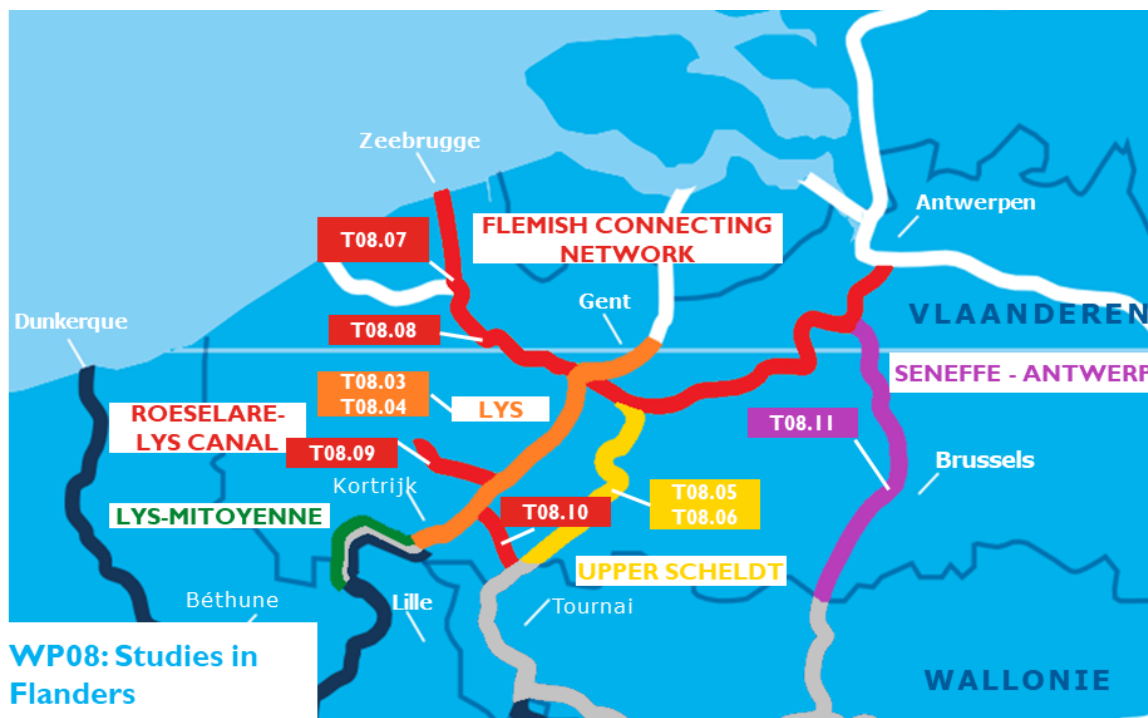
WP07: Works in Wallonia

T07.01	Walloon Backbone - Pommereul to Seneffe: Upgrading Canal Nimy Blaton to ECMT Va	T07.04	Seneffe-Antwerp: Preparatory works for remote control of Ittre and works to secure its equipment
T07.02	Walloon Backbone – Charleroi to Namur: Upgrading the Sambre in Franière to ECMT Va	T06.05	Seneffe-Antwerp: Works for the upgrade of the Ronquières Inclined Plane (1st caisson)
T07.03	Walloon Backbone – Charleroi to Namur: Remote control of the Lower Sambre		

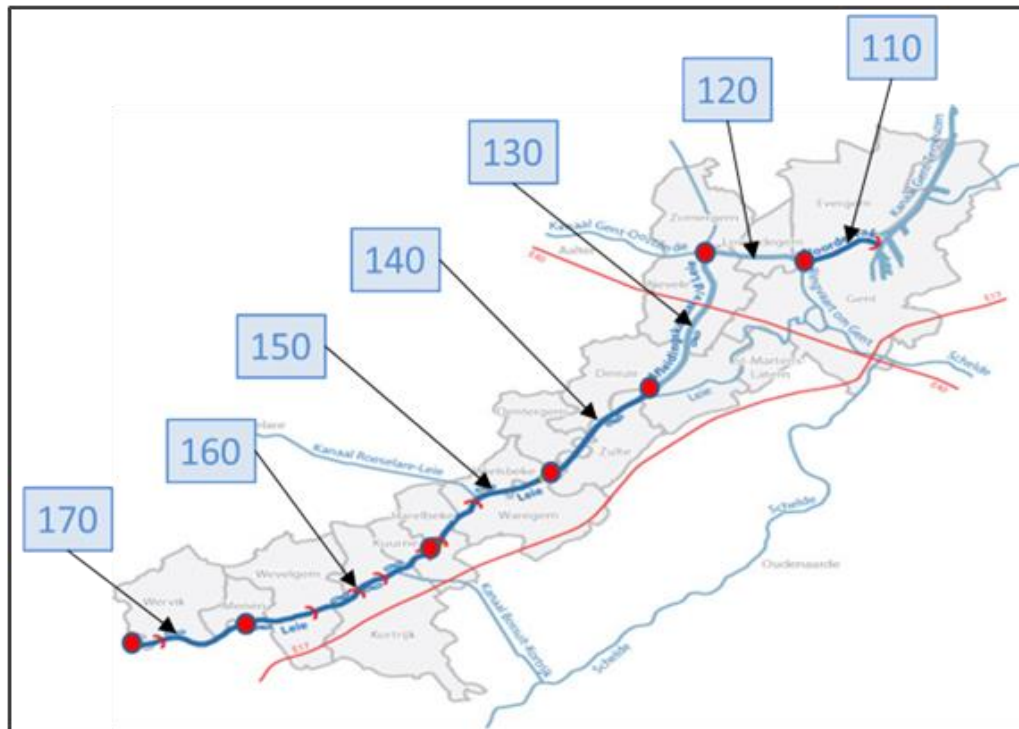




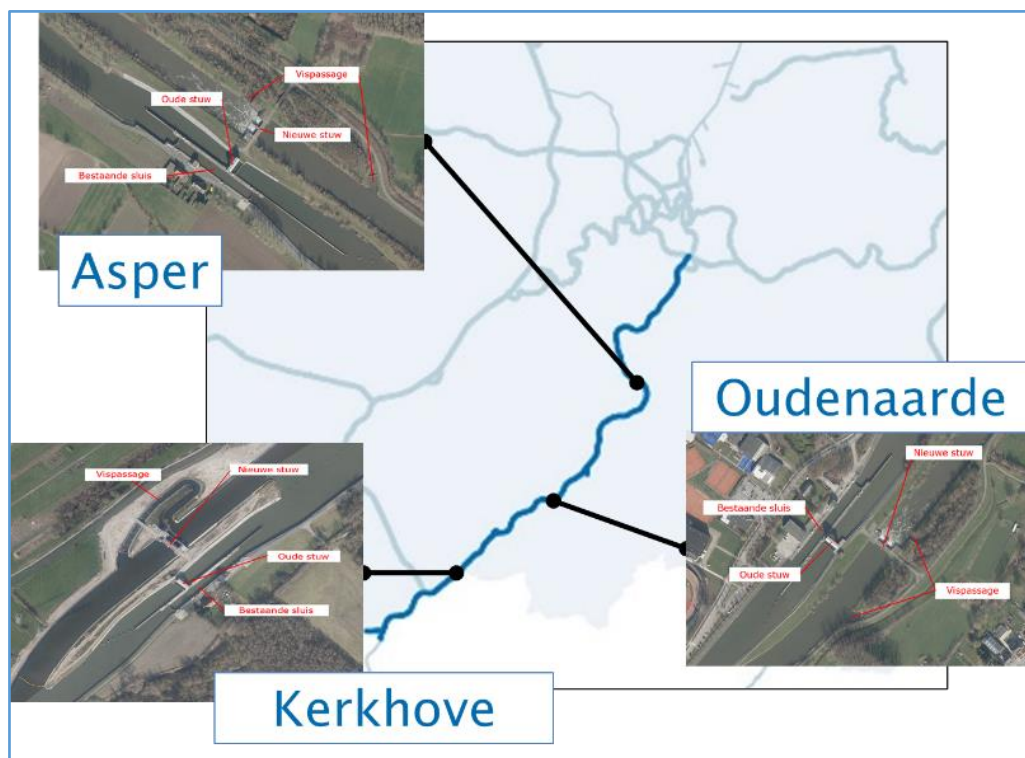
WORK PACKAGE 8: STUDIES IN FLANDERS



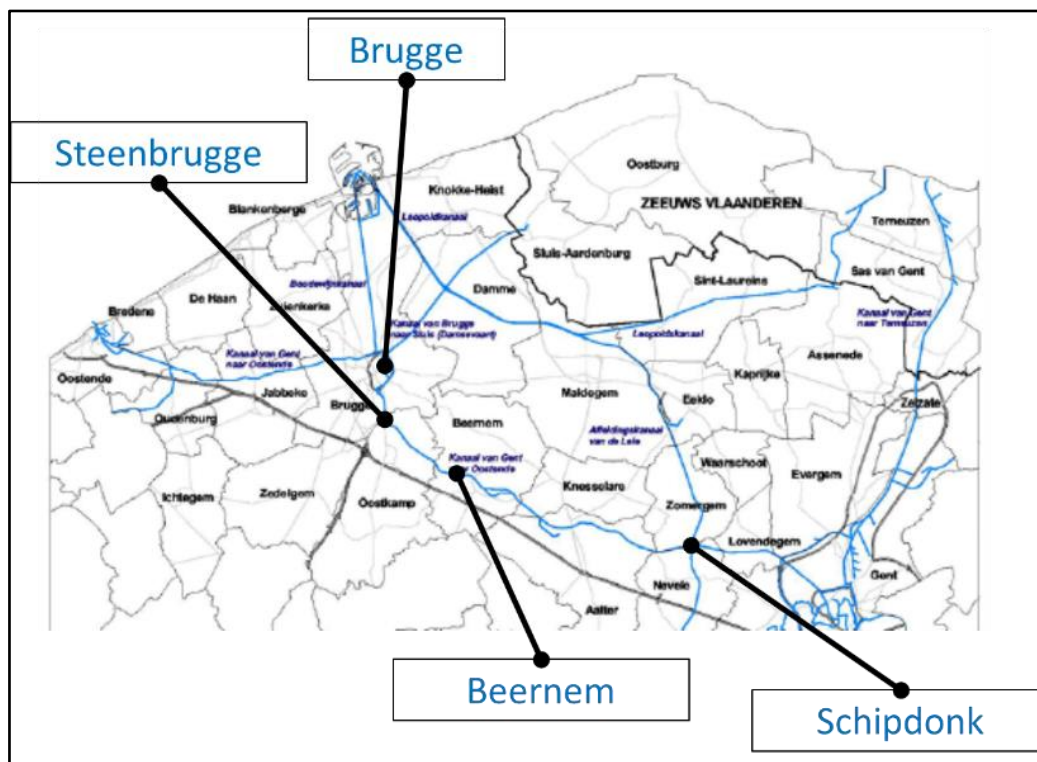
T08.03	Lys global studies	T08.08	Studies to upgrade the canal Ghent-Ostend (see map below)
T08.04	Lys project studies	T08.09	Studies to upgrade the canal Roeselare-Lys
T08.05	Studies to upgrade 3 existing locks on the Upper-Scheldt (see map below)	T08.10	Studies upgrade canal Bossuit-Kortrijk
T08.06	Upper-Scheldt new locks PPP tender preparation (see map below)	T08.11	Studies to modernise the Seneffe-Antwerp section
T08.07	Studies lock Dampoort Bruges PPP preparation (see map below)		



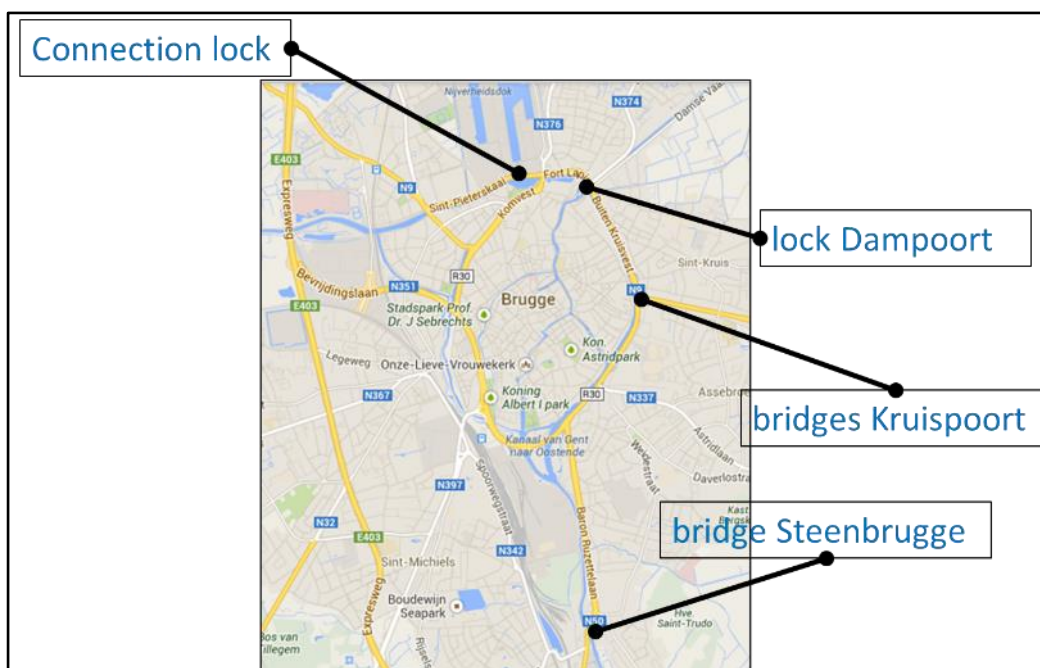
Map of the sections of the Lys (Task 8.3 & 8.4)



Upper-Scheldt: Lock sites to be upgraded (Task 8.5) and double up (Task 8.6)



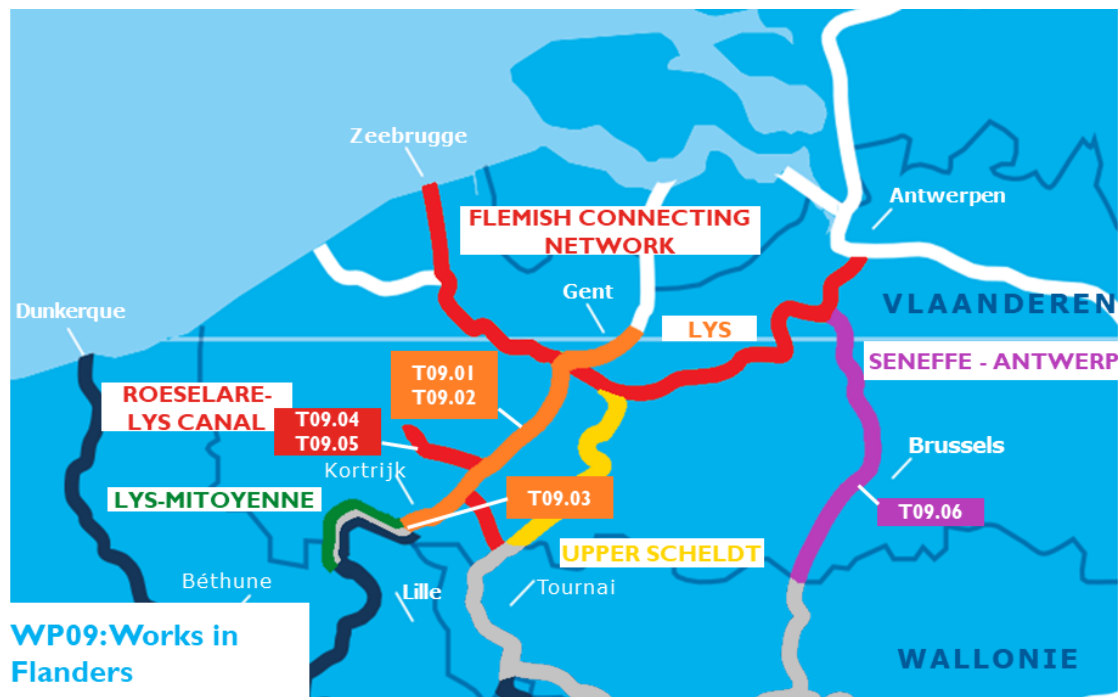
Canal Ghent-Ostend (Task 8.7 and 8.8)



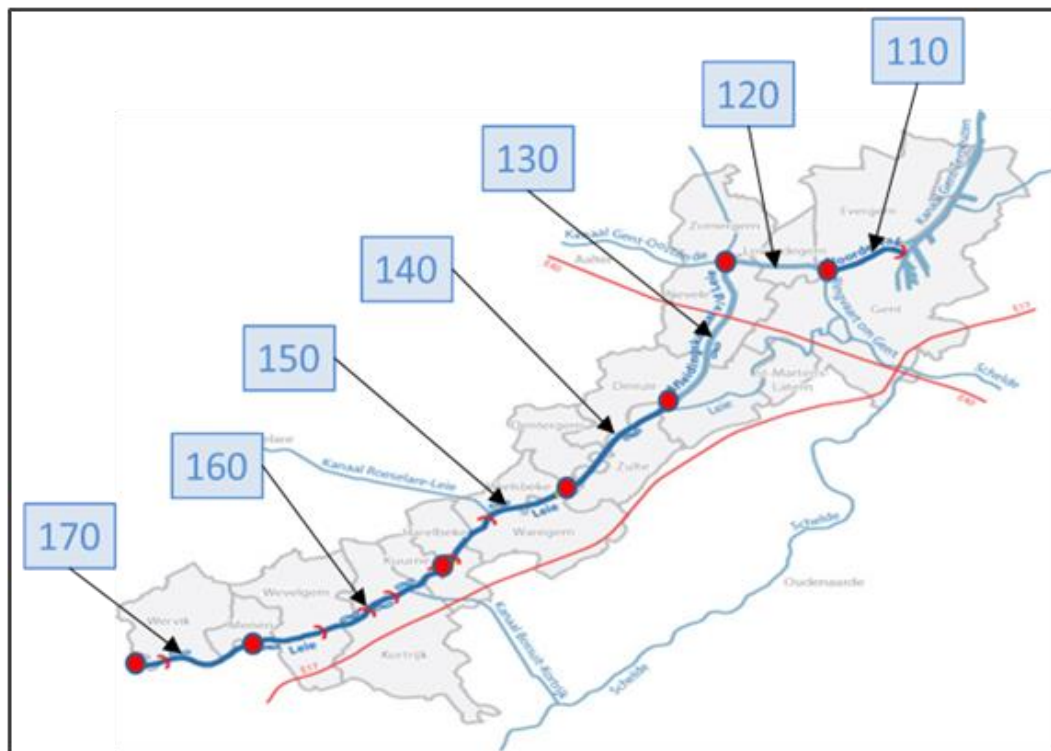
Canal Ghent Ostend: Bruges transit (Task 8.7 and 8.8)



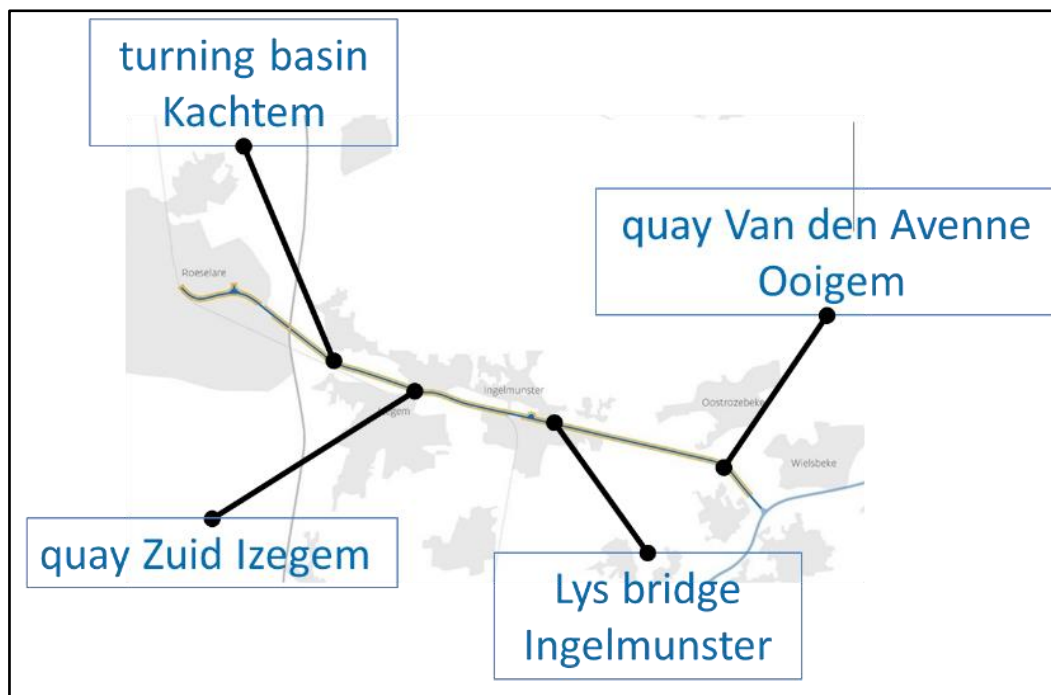
WORK PACKAGE 9: WORKS IN FLANDERS



T09.01	LYS WORKS – SECTION I40 - Calibration works zone A and B	T09.04	CANAL ROESELARE-LYS : Reconstruction of the Lysbridge Ingelmunster
T09.02	LYS WORKS – SECTION I40 - Cyclist bridge F422 Deinze	T09.05	CANAL ROESELARE-LYS : Upgrade infrastructure to withstand the deepening of the Canal
T09.03	LYS WORKS –Transit Menen - Embankments at cyclist bridge	T09.06	SENEFFE-ANTWERP : Construction of the Zuid bridge at Halle and the Driefoneinen bridge in Sint-Pieters-Leeuw



Map of the sections of the Lys (Tasks 9.1, 9.2 & 9.3)



Map of the Roeselare-Lys Canal (Tasks 9.4 & 9.5)



ANNEXES

LIST OF ANNEXES

Subcontracting table — *mandatory (n/a for Lump Sum and Unit Grants)*

APPENDIX I - SUBCONTRACTING TABLE

Subcontracting <i>Give details on subcontracted action tasks (if any).</i> <i>Subcontracts must be awarded using your usual purchasing practices – provided that they ensure best value for money and no conflict of interests. If you are a ‘contracting authority/entity’ within the meaning of the EU Directives on public procurement, you must also comply with the applicable national law on public procurement.</i> Note: The coordinator remains fully responsible for the coordination tasks, even if they are delegated to someone else. Coordinator tasks cannot be subcontracted.			
Task number to be subcontracted (follow the numbering in the grant agreement)	Name of task to be subcontracted	Description (Describe briefly the part of the task to be subcontracted and indicate the BEN/AE responsible)	Estimated Costs (EUR)
T02.02	Studies for the calibration of the Sensée river	To be awarded <ul style="list-style-type: none"> Execution contract; Contract for investigations on Fauna, Flora and Habitats (FFH); Contract for geotechnical studies; Contract for topographic studies. 	1 916 667 €
T02.03	Other studies for the calibration plan	To be awarded <ul style="list-style-type: none"> Execution contract; Contract for investigations on Fauna, Flora and Habitats (FFH); Contract for geotechnical studies; Contract for topographic studies. 	750 000 €
T02.04	Operational studies on and around basins and waiting zones of locks	Awarded <ul style="list-style-type: none"> Execution contract (2021), Contract for investigations on Fauna, Flora and Habitats (FFH); Contract for geotechnical studies (2021). To be awarded <ul style="list-style-type: none"> complementary contracts: Execution contract, Contract for investigations on Fauna, Flora and Habitats (FFH); Contract for geotechnical studies. 	3 333 333 €
T02.05	Lengthening of the locks on the Douai network	Awarded <ul style="list-style-type: none"> Execution contract; Management support contract, Contract for investigations on Fauna, Flora and Habitats (FFH); Contract for geotechnical studies (2021). 	800 000 €

T02.06	Doubling the Fontinettes Locks	<p>Awarded</p> <ul style="list-style-type: none"> Management support contract (07/12/2020); Execution contract (2021), Contract for environmental studies (2021), Contract for investigations on Fauna, Flora and Habitats (FFH); Contract for geotechnical studies (2021). 	7 083 333 €
T02.07	Doubling/Lengthening Dunkerque Cuinchy Lock	<p>Awarded</p> <ul style="list-style-type: none"> Execution contract (01/12/2021), Contract for investigations on Fauna, Flora and Habitats (FFH); Contract for geotechnical studies (2021). 	866 667 €
T02.08	Doubling/Lenghtening locks (Excepted Dunkerque Cuinchy)	<p>Awarded</p> <ul style="list-style-type: none"> Execution contract (2021). 	2 500 000 €
T02.09	Making the surface curve more manageable on the Fontinettes reach	<p>Awarded</p> <ul style="list-style-type: none"> Studies contract (ongoing) 	125 000 €
T02.10	Reliability of the Fontinettes lock	<p>To be awarded</p> <ul style="list-style-type: none"> Studies contract. 	458 333 €
T03.01	Remote control of the locks - Works	<p>To be awarded</p> <ul style="list-style-type: none"> Works contract (2023) 	23 616 667 €
T03.02	Calibration of river banks	<p>Awarded</p> <ul style="list-style-type: none"> Execution contracts (2020 and 2021) 	10 205 000 €
T03.03	Lenghtening of Quesnoy-sur-Deûle Lock - Works	<p>To be awarded</p> <ul style="list-style-type: none"> Execution and works contract (S2/2022 – procedure ongoing) 	24 750 000 €
T03.04	Re-opening of the Condé-Pommeroeul Canal	<p>To be awarded</p> <ul style="list-style-type: none"> Execution and works contracts (2023) 	18 500 000 €

T03.05	Lys Mitoyenne Section 1 – Works (dredging)	Awarded <ul style="list-style-type: none"> Execution and work contract for the compensatory measures (2021) Dredging work contract (S1/2022 – Procedure ongoing) 	17 000 000 €
T04.02	Studies on the Oise : parking of convoys	<ul style="list-style-type: none"> All the contracts are planned to be awarded in 2022. 	2 019 750 €
T04.03	Studies on Lower Seine : remote control	<ul style="list-style-type: none"> All the contracts are planned to be awarded in 2022. 	500 000 €
T04.04	Studies on Lower Seine : refurbishment of lock 1 at Notre Dame de la Garenne	<ul style="list-style-type: none"> All the contracts are planned to be awarded in 2022. 	291 668 €
T04.05	Studies on Lower Seine : refurbishment of lock n ° 3 at Suresnes	<ul style="list-style-type: none"> All the contracts are planned to be awarded in 2022. 	374 999 €
T04.06	Studies on Lower Seine : refurbishment of Suresnes fusegate dam (barrage à hausses)	<ul style="list-style-type: none"> All the contracts are planned to be awarded in 2022. 	833 334 €
T04.07	Studies on Lower Seine : Refurbishment of the Méricourt dam	<ul style="list-style-type: none"> All the contracts are planned to be awarded in 2022. 	707 667 €
T04.08	Studies on Lower Seine : refurbishment of locks on the Lower Seine	<ul style="list-style-type: none"> All the contracts are planned to be awarded in 2022. 	1 250 000 €
T04.09	Studies on Lower Seine : refurbishment of the downstream erosion pit in the Port-Mort dam	<ul style="list-style-type: none"> All the contracts are planned to be awarded in 2022. 	50 000 €
T04.10	Studies on Lower Seine : reliability of the water line for	<ul style="list-style-type: none"> All the contracts are planned to be awarded in 2022. 	400 000 €

	the reach of Andrésy-Denouval		
T04.11	Studies on Upper Seine : remote control	<ul style="list-style-type: none"> All the contracts are planned to be awarded in 2022. 	1 650 000 €
T04.12	Studies on Upper Seine : Bray-Nogent regulatory studies	<ul style="list-style-type: none"> All the contracts are planned to be awarded in 2022. 	5 707 834 €
T04.13	Studies on Upper Seine : refurbishment of Livon dam	<ul style="list-style-type: none"> All the contracts are planned to be awarded in 2022. 	291 667 €
T04.14	Studies on Upper Seine : refurbishment of the Evry main lock	<ul style="list-style-type: none"> All the contracts are planned to be awarded in 2022. 	166 666 €
T04.15	Studies on Upper Seine : refurbishment of the Port à l'Anglais dam	<ul style="list-style-type: none"> All the contracts are planned to be awarded in 2022. 	50 000 €
T04.16	Studies on Upper Seine : Upgrade of the Ablon lock	<ul style="list-style-type: none"> All the contracts are planned to be awarded in 2022. 	1 250 000 €
T04.17	Studies on Upper Seine : refurbishment of the Vigneux lock 1	<ul style="list-style-type: none"> All the contracts are planned to be awarded in 2022. 	615 833 €
T05.01	Works on the Oise: remote control	To be awarded <ul style="list-style-type: none"> Single execution contract for all remote-control operation on the Seine-Oise network (Call for tenders in preparation - Notification planned in 2022) 	1 797 230 €
T05.02	Works on the Lower Seine : remote control	To be awarded <ul style="list-style-type: none"> Single execution contract for all remote-control operation on the Seine-Oise network (Call for tenders in preparation – Notification planned in 2022) 	7 500 000 €

T05.03	Works on the Lower Seine : user services	To be awarded <ul style="list-style-type: none"> Public procurement procedure for user services scheduled in 2024. 	10 383 333 €
T05.04	Works on the Lower Seine : refurbishment of the Méricourt lock nr 2	Awarded <ul style="list-style-type: none"> Design and execution contract (01/08/2019) 	20 213 334 €
T05.05	Works on the Lower Seine : Amfreville overpass	To be awarded <ul style="list-style-type: none"> Execution and work contract for the Amfreville overpass (2024) 	1 355 000 €
T05.06	Works on the Lower Seine : modernisation of the Port-Mort dam	To be awarded <ul style="list-style-type: none"> Work contract for the modernisation of the Port-Mort dam (Call for tenders in preparation) 	8 078 085 €
T05.07	Works on the Lower Seine : refurbishment of the Poses dam	Awarded <ul style="list-style-type: none"> Work contract for the modernisation of the Poses dam (2020) 	14 507 649 €
T05.08	Works on the Lower Seine : modernisation of the gated dam (barrage à vannes) in Suresnes	Awarded <ul style="list-style-type: none"> Work contract for the modernisation of the two Suresnes dams (Call for tenders from 11/2021 to 01/2022) 	15 550 671 €
T05.09	Works on the Lower Seine : refurbishment of the Croissy Dike	Awarded <ul style="list-style-type: none"> Work contract for the strengthening of the Croissy Dike (Notification planned in February 2022) 	4 546 967 €
T05.10	Works on the Lower Seine : refurbishment of the locks of the lower Seine	Awarded <ul style="list-style-type: none"> Execution and work contract 	8 000 000 €

T05.11	Works on the Upper Seine : remote control	To be awarded <ul style="list-style-type: none"> Single execution contract for all remote-control operation on the Seine-Oise network (Call for tenders in preparation – Notification planned in 2022) 	8 175 048 €
T05.12	Works on the Upper Seine : user services	Awarded <ul style="list-style-type: none"> Execution contract for user services (ongoing - 2021) 	1 200 000 €
T05.13	Works on the Upper Seine : refurbishment of the Beaulieu dam	To be awarded <ul style="list-style-type: none"> Execution and work contract for the Beaulieu dam (2022) 	17 215 784 €
T05.14	Works on the Upper Seine : modernisation of the secondary lock of Champagne	To be awarded <ul style="list-style-type: none"> Execution contract for the Champagne secondary lock (2023) 	5 800 000 €
T05.15	Works on the Upper Seine : refurbishment of the Evry main lock	To be awarded <ul style="list-style-type: none"> Work contract for the Evry main lock (2025) 	1 916 667 €
T05.16	Works on the Upper Seine : refurbishment of Port à l'Anglais dam	To be awarded <ul style="list-style-type: none"> Work contract for the Port à l'Anglais dam (2023) 	500 000 €
T05.17	Works on the Upper Seine : Upgrade of the Ablon lock	Awarded <ul style="list-style-type: none"> Execution and work contract on the Ablon-Vigneux dam (ongoing – 2020) 	19 166 667 €
T05.18	Works on the Upper Seine : building of the Evry fishway	To be awarded <ul style="list-style-type: none"> Execution and work contract 	2 700 000 €

T06.01	Technical studies	To be awarded <ul style="list-style-type: none"> External technical assistance contract (2022) Support and monitoring of the communication of the Seine-Escaut project in Wallonia (2022) 	6 400 000 €
T06.02	Horizontal studies	To be awarded <ul style="list-style-type: none"> Update of the 2010 Strategic Environmental Assessment (2022) Navigational studies contract (2022) 	900 000 €
T06.03	Technical studies – Walloon backbone	To be awarded <ul style="list-style-type: none"> All the contracts are planned to be awarded in 2022 	1 300 000 €
T06.04	Technical studies – Upper Scheldt	To be awarded <ul style="list-style-type: none"> Design study contract for doubling Kain and Hérinnes locks (2022) EIA contract for doubling Kain and Hérinnes locks (2023) 	5 400 000 €
T06.05	Technical studies – Lys	N/A	
T06.06	Technical studies – Seneffe-Antwerp	To be awarded <ul style="list-style-type: none"> Design study contract for the modernization of Ittre site (2022) 	1 000 000 €
T07.01	WALLOON BACKBONE - Pommeroeul to Seneffe: UPGRADING CANAL NIMY-BLATON TO ECMT Va	To be awarded <ul style="list-style-type: none"> Work contracts for Nimy-Blaton-Péronnes canal (2022) All the contracts are planned to be awarded in 2023 Contract for the lightning, signaling and deployment of radar (2022) Contract for upgrading the automation system (2023) Replacement of the sluice gates of Floriffoux weir (2023) Work contract for deploying safety equipment in Lower Sambre other sites (2023) Works contract to prepare the establishment of the remote control (2022) Work contract for the modernization of Ronquières inclined plan: upgrade of 1st caisson (2022) Work contract for the modernization of Ronquières inclined plan: upgrade of the remote control and lightning(2023) 	41 750 000 €
T07.02	WALLOON BACKBONE – Charleroi to Namur: UPGRADING THE SAMBRE IN FRANIÈRE TO ECMT Va	To be awarded <ul style="list-style-type: none"> All the contracts are planned to be awarded in 2023 	14 400 000 €

T07.03	WALLOON BACKBONE – Charleroi to Namur: Preparatory works for deploying remote control of the locks and weirs of the Lower Sambre	<p>Awarded</p> <ul style="list-style-type: none"> Contract for the visualization and security equipment (11/2020) Contract for upgrading the uninterruptible power supply "UPS" (11/2021) Work contract for deploying remote control equipment on the Montignies lock (06/2021) Work contract for deploying safety equipment in Salzinnes (11/2021) <p>To be awarded</p> <ul style="list-style-type: none"> Contract for the lightning, signaling and deployment of radar (2022) Contract for upgrading the automation system (2023) Replacement of the sluice gates of Floriffoux weir (2023) Work contract for deploying safety equipment in Lower Sambre other sites (2023) 	9 900 000 €
T07.04	SENEFFE-ANTWERP: Preparatory works for remote control of Ittre and works to secure its equipment	<p>To be awarded</p> <ul style="list-style-type: none"> Works contract to prepare the establishment of the remote control (2022) 	3 700 000 €
T07.05	SENEFFE-ANTWERP: Works for the upgrade of the Ronquières Inclined Plane (1st caisson)	<p>Awarded</p> <ul style="list-style-type: none"> Work contract for the modernization of the Ronquières inclined plan : Rail supply (12/2020) Work contract for the modernization of the Ronquières inclined plan : roller supply (12/2020) <p>To be awarded</p> <ul style="list-style-type: none"> Work contract for the modernization of Ronquières inclined plan: upgrade of 1st caisson (2022) Work contract for the modernization of Ronquières inclined plan: upgrade of the remote control and lightning(2023) 	48 700 000 €
T08.01	Technical support and communication	<p>Awarded</p> <ul style="list-style-type: none"> Technical support: Several contracts have been awarded and are ongoing (16EGGE1605, ABS-19-013, ARW-20-034, ARW-21-007). Communication: Several contracts have been awarded and are ongoing (16EGGE1733, ARW-20-058). 	9 332 000 €
T08.02	Policy studies	<p>Awarded</p> <ul style="list-style-type: none"> Study Transport Bis: The contract has been awarded in the beginning of January 2022 as 	1 675 000 €

		part of contract ARW-21-007 (also already awarded). To be awarded <ul style="list-style-type: none"> Masterplan watersystem Seine-Escaut perimeter: the tendering procedure is to be planned during the implementation starting from mid'22. 	
T08.03	Lys global studies	Awarded <ul style="list-style-type: none"> Study Transport Bis: The contract has been awarded in the beginning of January 2022 as part of contract ARW-21-007 (also already awarded). 	422 000 €
T08.04	Lys project studies	Awarded <ul style="list-style-type: none"> Ontwerpstudies on section 150 and 160 	2 826 000 €
T08.05	Studies to upgrade 3 existing locks on the Upper- Scheldt	To be awarded <ul style="list-style-type: none"> study reengineering existing locks Upper-Scheldt: The tendering procedure is planned for July '22 (opening offers). 	515 000 €
T08.06	Upper-Scheldt new locks PPP tender preparation	To be awarded <ul style="list-style-type: none"> construction new locks Upper-Scheldt PPP preparation: The tendering procedure is planned for July '22 (opening offers). 	3 122 000 €
T08.07	Studies lock Dampoort Bruges PPP preparation	To be awarded <ul style="list-style-type: none"> studies lock Dampoort Bruges PPP preparation: The tendering procedure is planned for July '22 (opening offers). 	517 000 €
T08.08	Studies to upgrade the canal Ghent-Ostend	To be awarded <ul style="list-style-type: none"> studies upgrade canal Ghent-Ostend: The tendering procedure is planned for June '22 	3 396 000 €

		(opening offers).	
T08.09	Studies to upgrade the canal Roeselare-Lys	Awarded <ul style="list-style-type: none"> • Ontwerpstudies for the upgrade of the canal Roeselare-Lys 	1 574 000 €
T08.10	Studies upgrade canal Bossuit-Kortrijk	To be awarded <ul style="list-style-type: none"> • study reconstruction bridge Kruispoort I Bruges: The tendering procedure is planned for September '22 (opening offers). 	3 672 000 €
T08.11	Studies to modernise the Seneffe-Antwerp section	To be awarded <ul style="list-style-type: none"> • studies modernisation canal Brussels-Charleroi: The tendering procedure is planned for July '22 (opening offers). 	415 000 €
T09.01	Section 140 (Deinze - Sint-Baafs-Vijve) – calibration works zone A and B	Awarded <ul style="list-style-type: none"> • works on the Lys at section 140 - calibration zone A: The contract ARW-21-021 (parts VWG 1/3/5) has been tendered on 03/11/21 and has been awarded on 20/12/21 To be awarded <ul style="list-style-type: none"> • works on the Lys at section 140 – calibration zone B: the tendering procedure is planned for 2022 – zone B1: May '22 and zone B2: February '23 (opening offers). All preparatory design studies have been carried out in CEF I. 	58 500 000 €
T09.02	Section 140 (Deinze – Sint-Baafs-Vijve) – cyclist bridge F422 Deinze	To be awarded <ul style="list-style-type: none"> • works on the Lys at section 150 – cyclist bridge F422 in Deinze: the tendering procedure is planned for May '23 (opening offers). All preparatory design studies have been carried out in CEF I. 	2 890 000 €
T09.03	Section 160 (Harelbeke – Menen) – transit Menen: embankments at cyclist bridge	Awarded <ul style="list-style-type: none"> • works on the Lys at section 160 – transit Menen – embankments at cyclist bridge: The contract ARW-20-012 has been awarded on 21/12/21. 	7 260 000 €

T09.04	Reconstruction of the Lysbridge Ingelmunster	<p>To be awarded</p> <ul style="list-style-type: none"> works on canal Roeselare-Lys – reconstruction of Lysbridge Ingelmunster: The tendering procedure is planned for November '22 (opening offers). All preparatory design studies have been carried out in CEF I. works on canal Roeselare-Lys – quay Vanden Avenue Ooigem: The tendering procedure is planned for May '22 (opening offers). All preparatory design studies have been carried out in CEF I. works on canal Roeselare-Lys – turning basin Kachtem: The tendering procedure is planned for November '22 (opening offers). All preparatory design studies have been carried out in CEF I. 	2 020 000 €
T09.05	Upgrade quay Zuid Izegem	<p>Awarded</p> <ul style="list-style-type: none"> works on canal Roeselare-Lys – Upgrade quay Zuid Izegem: The contract ARW-20-063 has been awarded on 22/12/21. 	4 790 000 €
T09.06	Upgrade quay Vanden Avenue Ooigem	<p>To be awarded</p> <ul style="list-style-type: none"> works on canal Roeselare-Lys – quay Vanden Avenue Ooigem: The tendering procedure is planned for May '22 (opening offers). All preparatory design studies have been carried out in CEF I. 	2 840 000 €
T09.07	Upgrade turning basin Kachtem	<p>To be awarded</p> <ul style="list-style-type: none"> works on canal Roeselare-Lys – turning basin Kachtem: The tendering procedure is planned for November '22 (opening offers). All preparatory design studies have been carried out in CEF I. 	1 730 000 €
T09.08	Construction Zuid bridge Halle	<p>Awarded</p> <ul style="list-style-type: none"> works on the Seneffe-Antwerp section – Zuid bridge Halle: The tendering procedure is completed and the contracts 16EI/17/74 and BB2037 have been awarded. The works are ongoing since 05/03/18. 	8 950 000 €
T09.09	Construction Driefonteinen bridge Sint-Pieters-Leeuw	<p>Awarded</p> <ul style="list-style-type: none"> works on the Seneffe-Antwerp section – Driefonteinen bridge Sint-Pieters-Leeuw: The tendering procedure is completed and the contract AZZ-19-0039 has been awarded. The works are ongoing since 12/11/19. 	6 380 000 €



HISTORY OF CHANGES		
VERSION	PUBLICATION DATE	CHANGE
1.0	07/10/2022	Initial version

ANNEX 1

DETAILED BUDGET BREAKDOWN PER REPORTING PERIOD

	Estimated eligible costs (per budget category)																Estimated EU contribution			
	Direct costs														Indirect costs	Total costs	EU contribution to eligible costs			Total requested EU contribution
	A. Personnel costs		B. Subcontracting costs	C. Purchase costs				D. Other cost categories					E. Indirect costs	Funding rate %	Maximum EU contribution		Requested EU contribution			
	A.1 Employees (or equivalent)		A.4 SME owners and natural person beneficiaries		C.1 Travel and subsistence			C.2 Equipment	C.3 Other goods, works and services	D.1 Financial support to third parties	D.2 Studies	D.3 Synergetic elements	D.4 Works in outermost regions	D.5 Land purchases						
	A.2 Natural persons under direct contract				Travel	Accommodation	Subsistence													
A.3 Seconded persons																				
Forms of funding	Actual costs	Unit costs (usual accounting practices)	Unit costs	Actual costs	Actual costs	Actual costs	Actual costs	Actual costs	Actual costs	Actual costs	Actual costs	Actual costs	Actual costs	Actual costs	Flat-rate costs					
	a1	a2	a3	b	c1a	c1b	c1c	c2	c3	d1a	d2	d3	d4	d5	e ¹	f = a+b+c+d	V, W, X	g ²	h	m
Reporting period 1																				
1 - MTE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	50, 50, 0	0.00	0.00	0.00
2 - VNF	0.00	0.00	0.00	11 205 166.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11 205 166.00	50, 50, 0	5 602 583.00	5 602 583.00	5 602 583.00
3 - SPW MI	405 000.00	0.00	0.00	6 350 000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6 755 000.00	50, 50, 0	3 377 500.00	3 377 500.00	3 377 500.00
4 - DVW	0.00	0.00	0.00	20 171 000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	20 171 000.00	50, 50, 0	10 085 500.00	10 085 500.00	10 085 500.00
5 - SCSNE																				
Total	405 000.00	0.00	0.00	37 726 166.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	38 131 166.00		19 065 583.00	19 065 583.00	19 065 583.00
Reporting period 2																				
1 - MTE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	50, 50, 0	0.00	0.00	0.00
2 - VNF	4 558 108.00	0.00	0.00	154 865 658.00	0.00	0.00	0.00	0.00	300 000.00	0.00	0.00	0.00	0.00	0.00	0.00	159 723 766.00	50, 50, 0	79 861 883.00	79 861 883.00	79 861 883.00
3 - SPW MI	3 700 000.00	0.00	0.00	83 150 000.00	0.00	0.00	0.00	0.00	300 000.00	0.00	0.00	0.00	0.00	0.00	0.00	87 150 000.00	50, 50, 0	43 575 000.00	43 575 000.00	43 575 000.00
4 - DVW	2 280 000.00	0.00	0.00	78 845 000.00	0.00	0.00	0.00	0.00	300 000.00	0.00	0.00	0.00	0.00	0.00	0.00	81 425 000.00	50, 50, 0	40 712 500.00	40 712 500.00	40 712 500.00
5 - SCSNE																				
Total	10 538 108.00	0.00	0.00	316 860 658.00	0.00	0.00	0.00	0.00	900 000.00	0.00	0.00	0.00	0.00	0.00	0.00	328 298 766.00		164 149 383.00	164 149 383.00	164 149 383.00
Reporting period 3																				
1 - MTE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	50, 50, 0	0.00	0.00	0.00
2 - VNF	4 145 615.00	0.00	0.00	110 600 029.00	0.00	0.00	0.00	0.00	150 000.00	0.00	0.00	0.00	0.00	0.00	0.00	114 895 644.00	50, 50, 0	57 447 822.00	57 447 822.00	57 447 822.00
3 - SPW MI	3 795 000.00	0.00	0.00	43 950 000.00	0.00	0.00	0.00	0.00	150 000.00	0.00	0.00	0.00	0.00	0.00	0.00	47 895 000.00	50, 50, 0	23 947 500.00	23 947 500.00	23 947 500.00
4 - DVW	0.00	0.00	0.00	23 810 000.00	0.00	0.00	0.00	0.00	150 000.00	0.00	0.00	0.00	0.00	0.00	0.00	23 960 000.00	50, 50, 0	11 980 000.00	11 980 000.00	11 980 000.00
5 - SCSNE																				
Total	7 940 615.00	0.00	0.00	178 360 029.00	0.00	0.00	0.00	0.00	450 000.00	0.00	0.00	0.00	0.00	0.00	0.00	186 750 644.00		93 375 322.00	93 375 322.00	93 375 322.00
Total all reporting periods	18 883 723.00	0.00	0.00	532 946 853.00	0.00	0.00	0.00	0.00	1 350 000.00	0.00	0.00	0.00	0.00	0.00	0.00	553 180 576.00		276 590 288.00	276 590 288.00	276 590 288.00

¹ e = flat-rate * (a1 + a2 + a3 + b + c1a + c1b + c1c + c2 + c3 + d1a + d2 + d3 + d4 + d5)
² g = (a1 + a2 + a3) * V% + b * V% + (c1a + c1b + c1c + c2 + c3) * V% + (d1a + d3 + d5) * V% + d2 * W% + d4 * X% + e * V%

INSTRUCTIONS (DETAILED BUDGET TABLE PER WP)

General

The file is composed of 7 sheets (1- Start, 2 - Work packages, 3 - Participants, 4 - DB table, 5 - DB table_Summary_WP, 6 - DB table_Summary_Participants, 7 - DB table_Consistency check).

This table complements the budget information you encode directly in the Funding & Tenders Portal. Make sure that the information provided in the DB table is consistent with the information provided in the Funding & Tenders Portal.

You should submit the DB table as part of your proposal and grant preparation:

- for proposal: the table will be an Annex to your Application Form Part B. Complete and upload the table as an Excel file in the Funding & Tenders Portal Submission System.
- for grant preparation: the table will become part of the Grant Agreement Annex 1 Description of the Action (DoA). Complete and upload the table as an Excel File in the Funding & Tenders Portal Grant Preparation tool.

Getting started

Please complete the sheets in their order (Start - Work packages- Participants- DB table).

ATTENTION! White cells mean that you are required to enter data. Grey cells are calculated automatically.

1- Start sheet

Use this sheet to insert the generic data (project name and acronym). This information will be automatically copied into the other sheets.

2 - Work packages sheet

Use this sheet to enter the names of work packages and the corresponding funding rates. The information provided here needs to be consistent with the information provided in the Funding & Tenders Portal (Submission System for the application & Grant Preparation Tool for grant preparation).

3 - Participants sheet

Use this sheet to enter the names of the applicants (for the proposal) or beneficiaries (for the grant preparation).

4 - Detailed budget table per WP

Encode the costs per beneficiary, work package and reporting periods:

- For proposal/grant preparation: encode the estimated costs (budget). These amounts should be based on detailed, reasonable and accurate estimates. Keep sufficient documentation to be able to explain them if requested. Please ensure to insert only costs that are eligible under the EU grant agreement (see eligibility article on eligible and ineligible costs of the Model Grant Agreement). All estimated costs must be entered in EUR.

Names of work packages and the participants need to be chosen from the drop down menu. Sub-totals and totals are calculated automatically (only white cells need to be filled in).

5 & 6- DB summary sheets (for work packages and participants)

This sheet summarises the information of the DB table sheet. Do not modify the data here.

7 - DB consistency check sheet

This sheet allows you to perform a quick check on the final data (total costs and EU contribution) that you have encoded in the DB table sheet and in Funding & Tenders Portal (Submission System for the application and Grant Preparation Tool for grant preparation). Please encode the values from the Funding & Tenders Portal. In case a difference is detected, please review your application/grant agreement to align the amounts.

Warning

Do NOT delete formulas or change the configuration of the file.

START (DETAILED BUDGET TABLE PER WP)

 Associated with document Ref. Ares(2022)7128791 - 14/10/2022

PROJECT DATA

Project number:	101079271
Project acronym:	SEINE-ESCAUT 2.1

Work package name	Funding Rate
WP01: Coordination and communication activities	50%
WP02: Studies in the Nord-Pas-De-Calais region	50%
WP03: Works in the Nord-Pas-De-Calais region	50%
WP04: Studies on the Seine basin	50%
WP05: Works on the Seine basin	50%
WP06: Studies in Wallonia	50%
WP07: Works in Wallonia	50%
WP08: Studies in Flanders	50%
WP09: Works in Flanders	50%

Participant name



Associated with document Ref. Ares(2022)7128791 - 14/10/2022

Ministère de la Transition écologique (MTE)

Voies Navigables de France (VNF)

Service Public de Wallonie (SPW)

De Vlaamse Waterweg nv (DVW)

DETAILED BUDGET TABLE PER WP

Associated with document Ref. Ares(2022)7128791 - 14/10/2022

PROJECT DATA		
Project number:	101079271	
Project acronym:	SEINE-ESCAUT 2.1	

BUDGET BREAKDOWN PER WORK PACKAGE AND PARTICIPANT

Reporting period can be added/deleted as needed

Work Package	Participant	Reporting period 1	Reporting period 2	Reporting period 3	Total costs	Funding rate (for work package)	EU contribution
WP01: Coordination and communication activities	Ministère de la Transition écologique (MTE)	0,00	0,00	0,00	0,00	50%	0,00
WP01: Coordination and communication activities	Voies Navigables de France (VNF)	0,00	1 200 000,00	550 000,00	1 750 000,00	50%	875 000,00
WP01: Coordination and communication activities	Service Public de Wallonie (SPW)	0,00	300 000,00	150 000,00	450 000,00	50%	225 000,00
WP01: Coordination and communication activities	De Vlaamse Waterweg nv (DVW)	0,00	300 000,00	150 000,00	450 000,00	50%	225 000,00
WP02: Studies in the Nord-Pas-De-Calais region	Voies Navigables de France (VNF)	118 333,00	12 910 792,00	8 307 308,00	21 336 433,00	50%	10 668 216,50
WP03: Works in the Nord-Pas-De-Calais region	Voies Navigables de France (VNF)	10 205 000	56 266 667,00	27 600 000,00	94 071 667,00	50%	47 035 833,50
WP04: Studies on the Seine basin	Voies Navigables de France (VNF)	881 833	9 008 182,00	10 170 025,00	20 060 040,00	50%	10 030 020,00
WP05: Works on the Seine basin	Voies Navigables de France (VNF)	0	80 338 125,00	68 268 311,00	148 606 436,00	50%	74 303 218,00
WP06: Studies in Wallonia	Service Public de Wallonie (SPW)	455 000	13 100 000,00	9 345 000,00	22 900 000,00	50%	11 450 000,00
WP07: Works in Wallonia	Service Public de Wallonie (SPW)	6 300 000	73 750 000,00	38 400 000,00	118 450 000,00	50%	59 225 000,00
WP08: Studies in Flanders	De Vlaamse Waterweg nv (DVW)	1 581 000,00	28 165 000,00	0,00	29 746 000,00	50%	14 873 000,00
WP09: Works in Flanders	De Vlaamse Waterweg nv (DVW)	18 590 000,00	52 960 000,00	23 810 000,00	95 360 000,00	50%	47 680 000,00
Total		38 131 166,00	328 298 766,00	186 750 644,00	553 180 576,00		276 590 288,00

WARNING: IF YOU HAVE CHANGED ANY OF THE NAMES OF THE WP OR PARTICIPANTS YOU HAVE TO REFRESH THE PIVOT TABLES (RIGHT CLICK INSIDE ONE OF THE PIVOT TABLES AND PRESS REFRESH)

Summary per work package								
Étiquettes de lignes	Reporting period_1	FP RP_1	Reporting period_2	FP RP_2	Reporting period_3	FP RP_3	Sum of Total costs	Sum of EU contribution
WP01: Coordination and communication activities	-	0%	1 800 000	68%	850 000	32%	2 650 000	1 325 000
WP02: Studies in the Nord-Pas-De-Calais region	118 333	1%	12 910 792	61%	8 307 308	39%	21 336 433	10 668 217
WP03: Works in the Nord-Pas-De-Calais region	10 205 000	11%	56 266 667	60%	27 600 000	29%	94 071 667	47 035 834
WP04: Studies on the Seine basin	881 833	4%	9 008 182	45%	10 170 025	51%	20 060 040	10 030 020
WP05: Works on the Seine basin	-	0%	80 338 125	54%	68 268 311	46%	148 606 436	74 303 218
WP06: Studies in Wallonia	455 000	2%	13 100 000	57%	9 345 000	41%	22 900 000	11 450 000
WP07: Works in Wallonia	6 300 000	5%	73 750 000	62%	38 400 000	32%	118 450 000	59 225 000
WP08: Studies in Flanders	1 581 000	5%	28 165 000	95%	-	0%	29 746 000	14 873 000
WP09: Works in Flanders	18 590 000	19%	52 960 000	56%	23 810 000	25%	95 360 000	47 680 000
Total général	38 131 166	7%	328 298 766	59%	186 750 644	34%	553 180 576	276 590 288

WARNING: IF YOU HAVE CHANGED ANY OF THE NAMES OF THE WP OR PARTICIPANTS YOU HAVE TO REFRESH THE PIVOT TABLES (RIGHT CLICK INSIDE ONE OF THE PIVOT TABLES AND PRESS REFRESH)

 Associated with document Ref. Ares(2022)7128791 - 14/10/2022

Summary per Participant					
Étiquettes de lignes	Reporting period_1	Reporting period_2	Reporting period_3	Sum of Total costs	Sum of EU contribution
Ministère de la Transition écologique (MTE)	-	-	-	-	-
Voies Navigables de France (VNF)	11 205 166	159 723 766	114 895 644	285 824 576	142 912 288
Service Public de Wallonie (SPW)	6 755 000	87 150 000	47 895 000	141 800 000	70 900 000
De Vlaamse Waterweg nv (DVW)	20 171 000	81 425 000	23 960 000	125 556 000	62 778 000
Total général	38 131 166	328 298 766	186 750 644	553 180 576	276 590 288

#	EU CONTRIBUTION	TOTAL COST
ENCODE VALUE FROM EGRANTS	276590288	553180576
DIFFERENCE	0	0

Associated with document Ref: Ares(2022)7128791 - 14/10/2022

ANNEX 2

ESTIMATED BUDGET FOR THE ACTION

	Estimated eligible ¹ costs (per budget category)															Estimated EU contribution ²				
	Direct costs														Indirect costs	Total costs	EU contribution to eligible costs			Maximum grant amount ⁶
	A. Personnel costs		B. Subcontracting costs	C. Purchase costs				D. Other cost categories					E. Indirect costs ³	Funding rate % ⁴			Maximum EU contribution ⁵	Requested EU contribution		
				C.1 Travel and subsistence			C.2 Equipment	C.3 Other goods, works and services	D.1 Financial support to third parties	D.2 Studies	D.3 Synergetic elements	D.4 Works in outermost regions			D.5 Land purchases					
				A.1 Employees (or equivalent)	A.2 Natural persons under direct contract	A.3 Seconded persons													A.4 SME owners and natural person beneficiaries	
Forms of funding	Actual costs	Unit costs (usual accounting practices)	Unit costs ⁷	Actual costs	Actual costs	Actual costs	Actual costs	Actual costs	Actual costs	Actual costs	Actual costs	Actual costs	Actual costs	Actual costs	Flat-rate costs ⁸					
	a1	a2	a3	b	c1a	c1b	c1c	c2	c3	d1a	d2	d3	d4	d5	e ⁹	f = a+b+c+d	V, W, X	g ¹⁰	h	m
1 - MTE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	50, 50, 0	0.00	0.00	0.00
2 - VNF	8 703 723.00	0.00	0.00	276 670 853.00	0.00	0.00	0.00	0.00	450 000.00	0.00	0.00	0.00	0.00	0.00	0.00	285 824 576.00	50, 50, 0	142 912 288.00	142 912 288.00	142 912 288.00
3 - SPW MI	7 900 000.00	0.00	0.00	133 450 000.00	0.00	0.00	0.00	0.00	450 000.00	0.00	0.00	0.00	0.00	0.00	0.00	141 800 000.00	50, 50, 0	70 900 000.00	70 900 000.00	70 900 000.00
4 - DVW	2 280 000.00	0.00	0.00	122 826 000.00	0.00	0.00	0.00	0.00	450 000.00	0.00	0.00	0.00	0.00	0.00	0.00	125 556 000.00	50, 50, 0	62 778 000.00	62 778 000.00	62 778 000.00
5 - SCSNE																				
Σ consortium	18 883 723.00	0.00	0.00	532 946 853.00	0.00	0.00	0.00	0.00	1 350 000.00	0.00	0.00	0.00	0.00	0.00	0.00	553 180 576.00		276 590 288.00	276 590 288.00	276 590 288.00

¹ See Article 6 for the eligibility conditions. All amounts must be expressed in EUR (see Article 21 for the conversion rules).

² The consortium remains free to decide on a different internal distribution of the EU funding (via the consortium agreement; see Article 7).

³ Indirect costs already covered by an operating grant (received under any EU funding programme) are ineligible (see Article 6.3). Therefore, a beneficiary/affiliated entity that receives an operating grant during the action duration cannot declare indirect costs for the year(s)/reporting period(s) covered by the operating grant, unless they can demonstrate that the operating grant does not cover any costs of the action. This requires specific accounting tools. Please immediately contact us via the EU Funding & Tenders Portal for details.

⁴ See Data Sheet for the funding rate(s).

⁵ This is the theoretical amount of the EU contribution to costs, if the reimbursement rate is applied to all the budgeted costs. This theoretical amount is then capped by the 'maximum grant amount'.

⁶ The 'maximum grant amount' is the maximum grant amount decided by the EU. It normally corresponds to the requested grant, but may be lower.

⁷ See Annex 2a 'Additional information on the estimated budget' for the details (units, cost per unit).

⁸ See Data Sheet for the flat-rate.

⁹ e = flat-rate * (a1 + a2 + a3 + b + c1a + c1b + c1c + c2 + c3 + d1a + d2 + d3 + d4 + d5)

¹⁰ g = (a1 + a2 + a3) * V% + b * V% + (c1a + c1b + c1c + c2 + c3) * V% + (d1a + d3 + d5) * V% + d2 * W% + d4 * X% + e * V%

ANNEX 2a

ADDITIONAL INFORMATION ON UNIT COSTS AND CONTRIBUTIONS

SME owners/natural person beneficiaries without salary (Decision C(2020) 7115¹)

Type: unit costs

Units: days spent working on the action (rounded up or down to the nearest half-day)

Amount per unit (daily rate): calculated according to the following formula:

{EUR 5 080 / 18 days = **282,22**}
multiplied by
{country-specific correction coefficient of the country where the beneficiary is established}

The country-specific correction coefficients used are those set out in the Horizon Europe Work Programme (section Marie Skłodowska-Curie actions) in force at the time of the call (see [Portal Reference Documents](#)).

¹ Commission [Decision](#) of 20 October 2020 authorising the use of unit costs for the personnel costs of the owners of small and medium-sized enterprises and beneficiaries that are natural persons not receiving a salary for the work carried out by themselves under an action or work programme (C(2020)7715).

ANNEX 3

ACCESSION FORM FOR BENEFICIARIES

VOIES NAVIGABLES DE FRANCE (VNF), PIC 950775377, established in RUE LUDOVIC BOUTLEUX 175, BETHUNE 62408, France,

hereby agrees

to become beneficiary

in Agreement No 101079271 — 21-EU-TG-SEINE-ESCAUT 2.1 ('the Agreement')

between MINISTERE DE LA TRANSITION ECOLOGIQUE (MTE) **and** the **European Climate, Infrastructure and Environment Executive Agency (CINEA)** ('EU executive agency' or 'granting authority'), under the powers delegated by the European Commission ('European Commission'),

and mandates

the coordinator to submit and sign in its name and on its behalf any **amendments** to the Agreement, in accordance with Article 39.

By signing this accession form, the beneficiary accepts the grant and agrees to implement it in accordance with the Agreement, with all the obligations and terms and conditions it sets out.

SIGNATURE

For the beneficiary

ANNEX 3

ACCESSION FORM FOR BENEFICIARIES

SERVICE PUBLIC DE WALLONIE (SPW MI), PIC 999811884, established in Place Josephine Charlotte 2, Jambes 5100, Belgium,

hereby agrees

to become beneficiary

in Agreement No 101079271 — 21-EU-TG-SEINE-ESCAUT 2.1 ('the Agreement')

between MINISTERE DE LA TRANSITION ECOLOGIQUE (MTE) **and** the **European Climate, Infrastructure and Environment Executive Agency (CINEA)** ('EU executive agency' or 'granting authority'), under the powers delegated by the European Commission ('European Commission'),

and mandates

the coordinator to submit and sign in its name and on its behalf any **amendments** to the Agreement, in accordance with Article 39.

By signing this accession form, the beneficiary accepts the grant and agrees to implement it in accordance with the Agreement, with all the obligations and terms and conditions it sets out.

SIGNATURE

For the beneficiary

ANNEX 3

ACCESSION FORM FOR BENEFICIARIES

DE VLAAMSE WATERWEG (DVW), PIC 911860529, established in HAVENSTRAAT 44, HASSELT 3500, Belgium,

hereby agrees

to become beneficiary

in Agreement No 101079271 — 21-EU-TG-SEINE-ESCAUT 2.1 ('the Agreement')

between MINISTERE DE LA TRANSITION ECOLOGIQUE (MTE) **and** the **European Climate, Infrastructure and Environment Executive Agency (CINEA)** ('EU executive agency' or 'granting authority'), under the powers delegated by the European Commission ('European Commission'),

and mandates

the coordinator to submit and sign in its name and on its behalf any **amendments** to the Agreement, in accordance with Article 39.

By signing this accession form, the beneficiary accepts the grant and agrees to implement it in accordance with the Agreement, with all the obligations and terms and conditions it sets out.

SIGNATURE

For the beneficiary

ANNEX 4 CEF MGA — MULTI + MONO

FINANCIAL STATEMENT FOR [PARTICIPANT NAME] FOR REPORTING PERIOD [NUMBER]

	Eligible ¹ costs (per budget category)															EU contribution ²					Revenues
	Direct costs													Indirect costs	Total costs	EU contribution to eligible costs			Total requested EU contribution	Income generated by the action	
	A. Personnel costs		B. Subcontracting costs	C. Purchase costs				D. Other cost categories				E. Indirect costs ²	Funding rate % ³	Maximum EU contribution ⁴		Requested EU contribution					
	A.1 Employees (or equivalent)	A.4 SME owners and natural person beneficiaries	B. Subcontracting	C.1 Travel and subsistence			C.2 Equipment	C.3 Other goods, works and services	D.X Financial support to third parties	[OPTION for infrastructure Projects: D.2 Studies]	[OPTION for infrastructure Projects: D.3 Synergetic elements]	[OPTION for infrastructure Projects: D.4 Works in outermost regions]	[OPTION for infrastructure Projects: D.5 Land purchases]	E. Indirect costs							
A.2 Natural persons under direct contract			Travel	Accommodation	Subsistence																
A.3 Seconded persons																					
Forms of funding	Actual costs	Unit costs (usual accounting practices)	Unit costs ⁵	Actual costs	Actual costs	Actual costs	Actual costs	Actual costs	Actual costs	[Actual costs]	[Actual costs]	[Actual costs]	[Actual costs]	Flat-rate costs ⁶							
	a1	a2	a3	b	c1a	c1b	c1c	c2	c3	d1a	[d2]	[d3]	[d4]	[d5]	e = flat-rate * (a1 + a2 + a3 + b + c1a + c1b + c1c + c2 + c3 + d1a + d2) + d3 + d4 + d5) [V, W, X]	f = a+b+c+d+e	[U] [V, W, X]	[g = f*U%] [g = (a1 + a2 + a3) * V% + b *V% + (+c1a + c1b + c1c + c2 + c3) *V% + (d1a + d3 + d5)*V% + d2*W% + d4*X% + e*V%]	h	m	n
XX – [short name beneficiary/affiliated entity]																					

The beneficiary/affiliated entity hereby confirms that:

The information provided is complete, reliable and true.

The costs and contributions declared are eligible (see Article 6).

The costs and contributions can be substantiated by adequate records and supporting documentation that will be produced upon request or in the context of checks, reviews, audits and investigations (see Articles 19, 20 and 25).

For the last reporting period: that all the revenues have been declared (see Article 22).

① Please declare all eligible costs and contributions, even if they exceed the amounts indicated in the estimated budget (see Annex 2). Only amounts that were declared in your individual financial statements can be taken into account lateron, in order to replace costs/contributions that are found to be ineligible.

¹ See Article 6 for the eligibility conditions. All amounts must be expressed in EUR (see Article 21 for the conversion rules).

² If you have also received an EU operating grant during this reporting period, you cannot claim indirect costs - unless you can demonstrate that the operating grant does not cover any costs of the action. This requires specific accounting tools. Please contact us immediately via the Funding & Tenders Portal for details.

³ See Data Sheet for the reimbursement rate(s).

⁴ This is the *theoretical* amount of EU contribution to costs that the system calculates automatically (by multiplying the reimbursement rates by the costs declared). The amount you request (in the column 'requested EU contribution') may be less.

⁵ See Annex 2a 'Additional information on the estimated budget' for the details (units, cost per unit).

⁶ See Data Sheet for the flat-rate.

ANNEX 5

SPECIFIC RULES

CONFIDENTIALITY AND SECURITY (— ARTICLE 13)

Sensitive information with security recommendation

Sensitive information with a security recommendation must comply with the additional requirements imposed by the granting authority.

Before starting the action tasks concerned, the beneficiaries must have obtained all approvals or other mandatory documents needed for implementing the task. The documents must be kept on file and be submitted upon request by the coordinator to the granting authority. If they are not in English, they must be submitted together with an English summary.

For requirements restricting disclosure or dissemination, the information must be handled in accordance with the recommendation and may be disclosed or disseminated only after written approval from the granting authority.

EU classified information

If EU classified information is used or generated by the action, it must be treated in accordance with the security classification guide (SCG) and security aspect letter (SAL) set out in Annex 1 and Decision 2015/444¹ and its implementing rules — until it is declassified.

Deliverables which contain EU classified information must be submitted according to special procedures agreed with the granting authority.

Action tasks involving EU classified information may be subcontracted only with prior explicit written approval from the granting authority and only to entities established in an EU Member State or in a non-EU country with a security of information agreement with the EU (or an administrative arrangement with the Commission).

EU classified information may not be disclosed to any third party (including participants involved in the action implementation) without prior explicit written approval from the granting authority.

INTELLECTUAL PROPERTY RIGHTS (IPR) — BACKGROUND AND RESULTS — ACCESS RIGHTS AND RIGHTS OF USE (— ARTICLE 16)

¹ Commission Decision 2015/444/EC, Euratom of 13 March 2015 on the security rules for protecting EU classified information (OJ L 72, 17.3.2015, p. 53).

Rights of use of the granting authority on results for information, communication, dissemination and publicity purposes

The granting authority also has the right to exploit non-sensitive results of the action for information, communication, dissemination and publicity purposes, using any of the following modes:

- **use for its own purposes** (in particular, making them available to persons working for the granting authority or any other EU service (including institutions, bodies, offices, agencies, etc.) or EU Member State institution or body; copying or reproducing them in whole or in part, in unlimited numbers; and communication through press information services)
- **distribution to the public** in hard copies, in electronic or digital format, on the internet including social networks, as a downloadable or non-downloadable file
- **editing** or **redrafting** (including shortening, summarising, changing, correcting, cutting, inserting elements (e.g. meta-data, legends or other graphic, visual, audio or text elements) extracting parts (e.g. audio or video files), dividing into parts or use in a compilation
- **translation** (including inserting subtitles/dubbing) in all official languages of EU
- **storage** in paper, electronic or other form
- **archiving** in line with applicable document-management rules
- the right to authorise **third parties** to act on its behalf or sub-license to third parties, including if there is licensed background, any of the rights or modes of exploitation set out in this provision
- **processing**, analysing, aggregating the results and **producing derivative works**
- **disseminating** the results in widely accessible databases or indexes (such as through 'open access' or 'open data' portals or similar repositories, whether free of charge or not.

The beneficiaries must ensure these rights of use for the whole duration they are protected by industrial or intellectual property rights.

If results are subject to moral rights or third party rights (including intellectual property rights or rights of natural persons on their image and voice), the beneficiaries must ensure that they comply with their obligations under this Agreement (in particular, by obtaining the necessary licences and authorisations from the rights holders concerned).

COMMUNICATION, DISSEMINATION AND VISIBILITY (— ARTICLE 17)

Communication and dissemination plan

Where imposed by the call conditions, the beneficiaries must provide a detailed communication and dissemination plan, setting out the objectives, key messaging, target audiences, communication channels, social media plan, planned budget and relevant

indicators for monitoring and evaluation. **Additional communication and dissemination activities**

The beneficiaries must engage in the following additional communication and dissemination activities:

- **present the project** (including project summary, coordinator contact details, list of participants, European flag and funding statement and project results) on the beneficiaries' **websites** or **social media accounts**
- for actions involving equipment, infrastructure or works, display public **plaques** or **billboards** as soon as the work on the action starts and a **permanent commemorative plaque** once it is finished, with the European flag and funding statement
- upload the public **project results** to the CEF Project Results platform, available through the Funding & Tenders Portal.

SPECIFIC RULES FOR CARRYING OUT THE ACTION (— ARTICLE 18)

Member State information

The beneficiaries must keep the Member States that support the action informed about its progress.

To this effect, the coordinator must provide the reports submitted in accordance with Article 21 to the concerned the Member States representatives (listed on the granting authority's website). This can be done either by email or by giving them access to the reports in the Funding & Tenders Portal.

Implementation in case of restrictions due to security

Where the call conditions restrict participation or control due to security reasons, the beneficiaries must ensure that none of the entities that participate as affiliated entities, associated partners, subcontractors or recipients of financial support to third parties are established in countries which are not eligible countries or target countries set out in the call conditions (or are controlled by such countries or entities from such countries).

The beneficiaries must moreover ensure that any cooperation with entities established in countries which are not eligible countries or target countries set out in the call conditions (or are controlled by such countries or entities from such countries) does not affect the security interests and avoids potential negative effects over security of supply of inputs critical to the action.

Specific rules for digital infrastructure projects

When implementing digital infrastructure projects, the beneficiaries must ensure that the network technologies and equipment (including software and services) funded by the action comply with the security requirements and assessments as reflected in the applicable EU, international and national law on cybersecurity and on data protection.

Moreover, where the call conditions impose wholesale access obligations, the beneficiaries must provide wholesale access to the digital infrastructure funded by the action, under fair and

reasonable conditions, in a non-discriminatory manner and in accordance with the call conditions.

Specific rules for ATM common projects

When implementing actions for the implementation of common projects established under Regulation (EU) No 409/2013², the beneficiaries must ensure that their actions comply with the deployment programme referred to in Article 11 of that Regulation (as published on the Europa website).

Durability

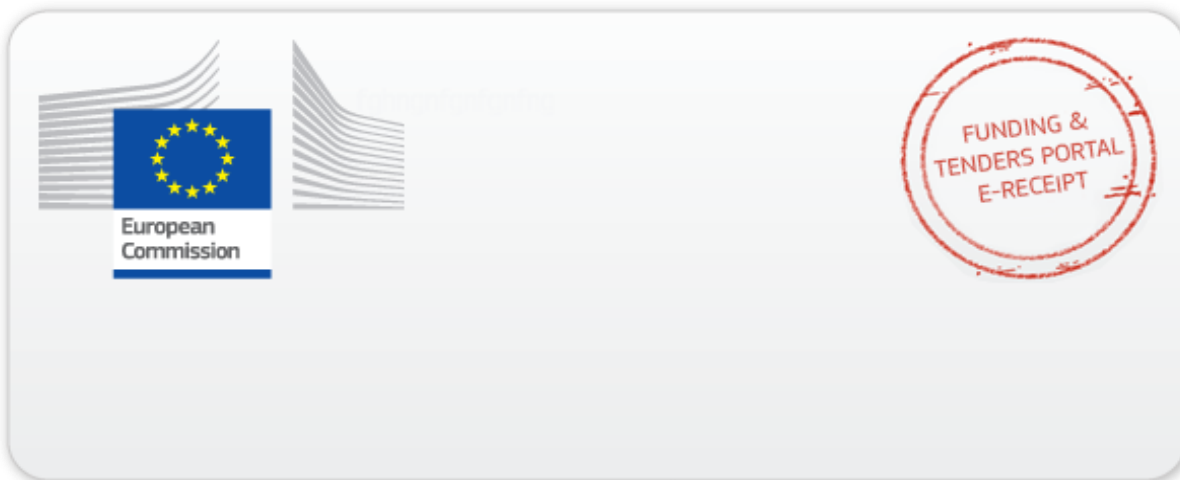
Unless exempted by the granting authority, the beneficiaries must commit to continue to use and maintain after the end of the action equipment bought and fully reimbursed by the action, for activities pursuing the action's objectives. Such equipment must be used for these purposes — for at least five years after the end of the action (see Data Sheet, Point 1) or until the end of its economic lifespan (i.e. until it has been fully depreciated) — whichever is earlier.

Specific rules for blending operations

When implementing blending operations, the beneficiaries acknowledge and accept that:

- the grant depends on the approved financing from the Implementing Partner and/or public or private investors for the project
- they must inform the granting authority both about the approval for financing and the financial close — within 15 days
- both actions will be managed and monitored in parallel and in close coordination with the Implementing Partner, in particular:
 - all information, data and documents (including the due diligence by the Implementing Partner and the signed agreement) may be exchanged and may be relied on for the management of the other action (if needed)
 - issues in one action may impact the other (e.g. suspension or termination in one action may lead to suspension also of the other action; termination of the grant will normally suspend and exit from further financing and vice versa, etc.)
- the granting authority may disclose confidential information also to the Implementing Partner.

² Commission Implementing Regulation (EU) No 409/2013 of 3 May 2013 on the definition of common projects, the establishment of governance and the identification of incentives supporting the implementation of the European Air Traffic Management Master Plan (OJ L 123, 4.5.2013, p. 1).



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(<https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/support/faq>)