

Ubugenzi Skills+ Project FACTSHEET : KISARO TSS Field Visit 17th of November 2025

Project Location:

- **Kisaro TSS:** (-1.6517865065125807, 30.058137654380985) ([Google Map](#)) – Rulindo District, Northern Province, Rwanda

Kisaro TSS, constructed in 2021, is a relatively modern school whose facilities broadly align with current pedagogical and occupational standards. Currently, the school offers two trades related to agriculture : agriculture and animal health, and has 309 students enrolled for the 2025-2026 academic year (56% are girls). However, upgrading to meet higher-quality TVET requirements and to transition towards a future Centre of Excellence will require a combination of minor rehabilitation, major refurbishment, and new construction works.

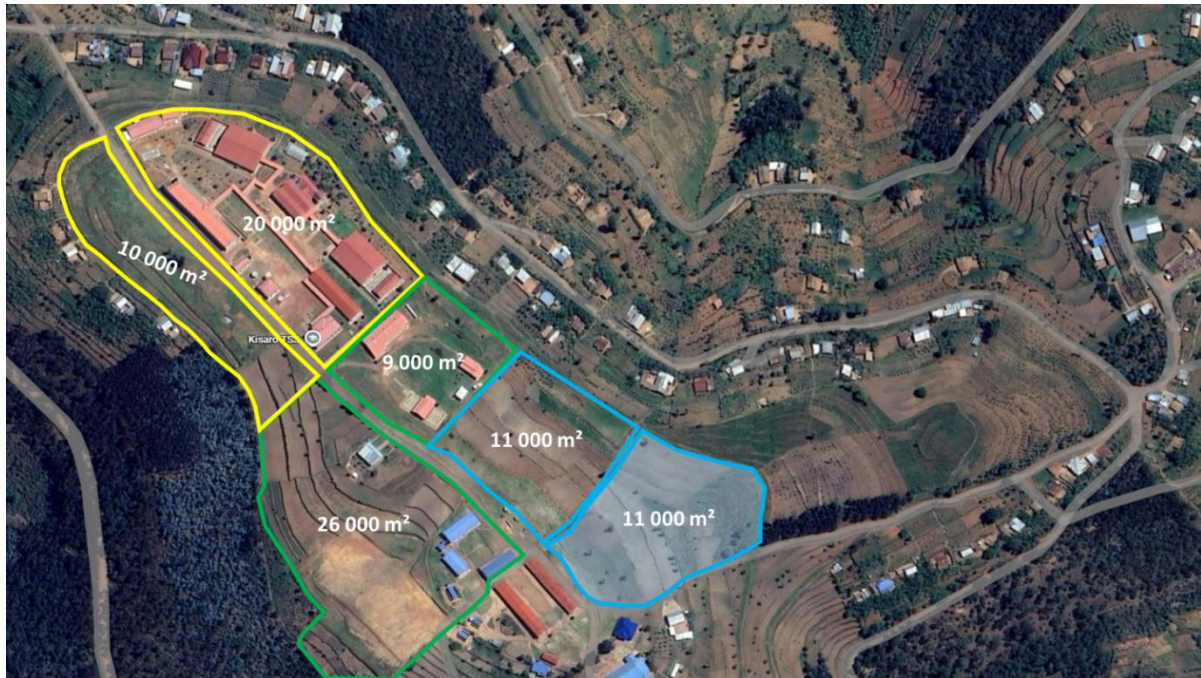
To accommodate the 450 students expected to enrol in three trades (agriculture, animal health and the new food processing trades), the school will need to expand its teaching facilities, notably by providing 18 classrooms and 8 workshops, as well as developing a complete practical training unit on 2 hectares and a specialised production unit focus on 3 main value chains (horticulture, pig, potato). Beyond structural improvements, the upgrade will focus on enhancing learning comfort for students and teachers through better-quality spaces, as well as improving sports and after-class facilities to support both technical training (in a production training unit) and the development of essential soft skills. These investments will lay the foundation for transforming Kisaro TSS into a high-standard TVET Centre of Excellence in Agriculture.

School land

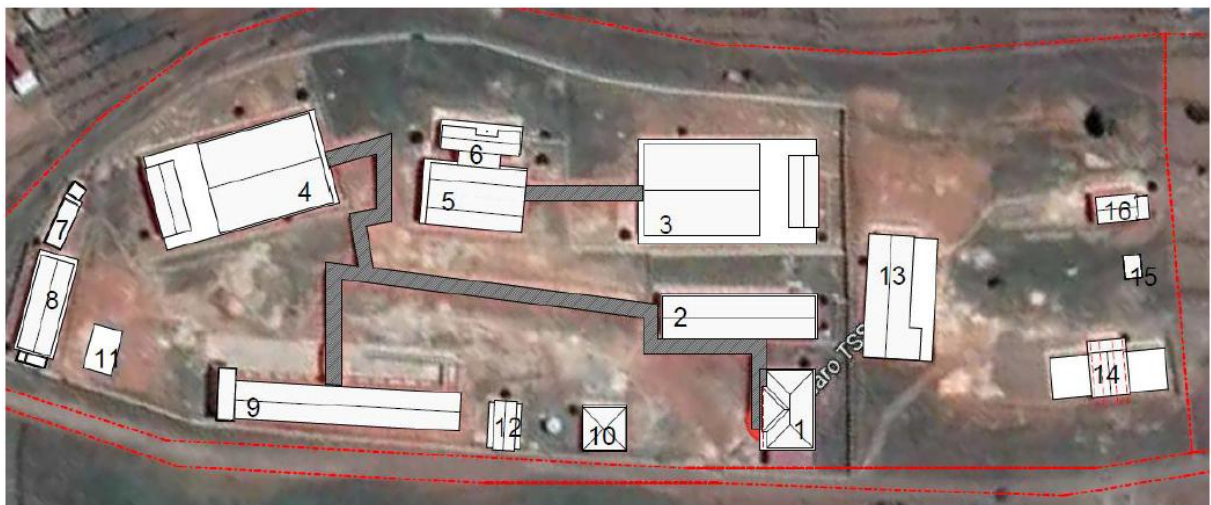
Kisaro School is located at the top of a hill and its land spans over 8 hectares, of which 5 hectares is arable land. According to the district master plan, the school land lays in few zones (Educational and research facilities, Light industrial zone, Mixed use commercial zone, Public administration zone, Agriculture zone). Part of the land—educational and research facilities—is shared with a primary school and the cell's office.

The image below shows the areas of interest for the project, for the development of the campus (**yellow**), the practical training area/PTU (**green**) and the Production Unit (**blue**). These three areas of interest will be used for the development of the overall construction project. However, it should be noted that the function of each area is different. On the one hand, the **campus** remains an educational area that will require special care to upgrade and improve standards. On the other hand, the **PTU** is an area for agricultural and livestock farming practice and demonstration that is attached to the campus (educational and experimental area), but which remains versatile and diversified with more modest investments. Finally, the **Production Unit** (PU) is a purely industrial (agro-industrial) area with independent operation and management from the school, which, like the campus, will require significant investment but will start from scratch.

Although the total area of 8 hectares seems sufficient for the full development of the future TVET CoE infrastructure, certain limitations have been identified in terms of agricultural production. In this regard, the search for available land around the school can be considered, such as this 11,000 m² plot (clear blue) of government land near the school, which can be used for agro-industrial construction. Other land will be sought for agricultural production but will not require infrastructure construction.



Actual Infrastructures (campus)



Kisaro TSS infrastructure consist of **11 detached buildings** on a total surface of **29 000 m²**, including an administration & teachers room (1), smart classrooms and workshops (2), girls dormitories (3), boys dormitories (4), refectory (5), kitchen (6), general storage (7), workshops (8 & 10), classrooms (9), sanitary (12) + fowl run for chicken (13), cow shed (14), goat pens (15), and piggery (16). **The total NFA of all the buildings is 4000 m².**

Table : Summary of existing facilities at Kisaro TSS

Ref.	School area	NFA m ²
1	Admin	167
2	Lab store	31
2	ICT lab	128
2	ANH lab	61
2	Science lab	96
3	Girls dormitories	695
4	Boys dormitories	695
5	Dining room	363
6	Kitchen	124
7	Storage	49
8	AGR External practical area	200
9	Classroom	568
9	Classroom WC	96
10	AGR Internal practical area	79
11	Underground water tank (65 m2)	
12	WC	47
13	ANH External practical area (chicken)	355
14	ANH External practical area (cows)	118
15	ANH External practical area (goats)	22
16	ANH External practical area (pigs)	59
	Total existing infrastructure surface area	3 953

Investments planned

Investments to develop the TVET CoE in Kisaro will be made in three areas: the campus, the Practical Training Unit (PTU) and the Production Unit (PU). The work will involve minor and major renovations to existing buildings, as well as new construction.

The estimated investments for this are presented here for **a total of €3,625,000 / RWF 6,0B**:

Areas of investments	Amounts planned (incl. tax)	Nature of main investments
A. Campus	Investments €1,750,000 / RWF 2,6B	Upgrading the quality and quantity of educational infrastructure to accommodate 450 students in the three trades, through the construction of new classrooms, new workshops, new smart classrooms, as well as areas for personal and collective development through sports compounds and multi-purpose activity rooms. Investments will be made to improve working conditions for management and teaching staff, as well as energy management and transport (minibus).
B. PTU (Practical Training Unit)	Investments & Operation €375,000 / RWF 0,6B	Development of 9,000 m ² of diversified animal production area and a 11,000 m ² agricultural production area including open field area, greenhouses, agricultural mechanisation and IoT. An adult training area will be developed with a training room,

		restaurant and sanitary facilities. Investments will be made for energy management.
C. Production Unit	Investments €1,500,000 / RWF 2,4B Operation €500,000 / RWF 0,8B	Development of two main agro-industrial production and processing units specialising in the following sectors: 01 horticultural production unit within an automated greenhouse, cold storage and primary processing + 01 modern pig production unit, a slaughterhouse and meat primary processing. Investments will be made for energy and water management, waste management, and transport (delivery).

A. At the campus level, which remains the top priority for investment in terms of both quality and quantity, initial assessments have made it possible to list the needs for upgrading. The following table highlights the priority needs in terms of educational and administrative infrastructure on the one hand, and day and night accommodation infrastructure on the other. These are the initial needs that have been identified. A second, more detailed list is being prepared and will be shared as the tendering process progresses. This initial information is being provided to applicants to help them frame their bids.

Campus Facilities	Number (Standards)	KISARO	
		Existing (Renovation)	New (Construction)
Education			
Classrooms	18	12	6
Smart Classrooms	3	1	2
Science Laboratory	1	1	0
Library	1	0	1
Workshops	8	1	7
Storage	2	1	1
Department Office / Teachers room	4	0	4
Admin block	1	1	0
Resource Center	1	1	0
Career Guidance	1	0	1
Incubation Center	1	0	1
...			
After Class			
Girls dormitory (with sanitary, matron room, sick room, laundry...)	1	1	0
Boys dormitory (with sanitary, patron room, sick room, laundry...)	1	1	0
Infirmery	1	0	1
Sport ground	1	0	1
Kitchen	1	1	0
Refectory	1	1	0
Auditorium	1	0	1
Canteens (for teachers / for students)	2	0	2
...			

- B. At the Practical Training Unit (PTU).** This area will primarily be used for practical education for students throughout the school year, but also for adults (young people and professionals) through short, one-off training courses. It will be managed by the school through a team of administrative staff, teachers, technicians and workers. It is characterised by productive investments that are highly diversified in terms of agriculture, livestock and processing (reflecting all the subjects covered in the curricula and courses in agriculture, livestock and agri-food processing), and by a level of modernisation that reflects SME and cooperative models. The PTU, which will serve as a training centre for adults, must include in its infrastructure investments a block that will accommodate adults in short training courses, i.e. adult training rooms, separate toilets, a care centre (for young children) as well as a dining and kitchen area, and offices for a management team, instructors, and operators. This block will be adjacent to the PU and separate and independent from the campus.

PTU Facilities	Number (Standards)	KISARO	
		Existing (Renovation)	New (Construction)
Practical Education Agriculture			
Storage	01	01	0
Productive area (open field, greenhouses, nurseries, storage, silos, ...)	TBD	TBD	TBD
Garage	1	0	1
...			
Practical Education Animal Health			
Productive area (ruminant, milk, rabbits, poultry, pigs, ...)	TBD	TBD	TBD
Vet room	1	0	1
Storage	1	0	1
...			
Practical Education Food Processing			
Multi process Room	4	0	4
PTU shop	1	0	1
...			
Training Center			
Admin office	1	0	1
Instructors / Trainers office	2	0	2
Adults Training rooms	4	0	4
Kitchen	1	0	1
Refectory	1	0	1
Changing room	1	0	1
Care Center	1	0	1
Incubation Center	1	0	1
Smart / Connected room	1	0	1
...			

- C. The Production Unit.** This industrial zone is independent and separate from the school, and its primary objective will be to generate income from agricultural and livestock production, as well as food processing, with a secondary objective of providing dual training for students and adults. Although this is a business and not an educational institution, the infrastructure must be designed to accommodate apprentices and trainees (changing rooms, briefing rooms, dedicated toilets, etc.). Investments will be

made in the complete development of the sites from scratch (including aspects of sustainable energy, water, land, and waste management), in the establishment of industrial sub-units specialising in productive sectors (pigs and high value horticulture greenhouse farming), in auxiliary sub-units (potato unit), and in support buildings (management office, garage, postharvest facilities, sanitary, etc.) and the transport fleet for deliveries.

Production Unit Facilities	Number (Standards)		
		New (Construction)	Details
General infrastructure			
Energy rooms	1	1	
Admin / Management office	1	1	
Refectory	1	1	
Garage	1	1	
...	TBD	TBD	
Specialised Production Unit #1 Pigs Unit			
Productive area (...)	1	1	Pig Unit – 1 ha (infrastructure ≈ 2 500 – 4 000 m ²) (60-80 breeding sows + farrowing + weaning + finishing + small abattoir) Main Buildings Breeding and Service House (sow stalls / mating area) Farrowing House Weaner House Finishing House Isolation / Quarantine Unit Small Pork Slaughterhouse Cold Room / Chilled Storage Feed Storage and Milling Building Veterinary and Animal Health Room Administrative Block (office, records) Staff Facilities (changing rooms, hygiene station)
Transformation/Processing area (...)	1	1	
Cooling and Storage Facilities	2	2	
Briefing / Debriefing Room			
...			
Specialised Production Unit #2 Horticulture Unit (Greenhouses)			
Productive area (...)	1	1	Horticulture Unit – 1 ha (infrastructure ≈ 3 400 – 3 600 m ²) (1,000 m ² polycarbonate greenhouse + 2,000 m ² plastic greenhouse + post-harvest facilities) Main Buildings Polycarbonate Greenhouse (1,000 m ²) Plastic-Covered Greenhouses (2,000 m ² total) Post-Harvest Hall (washing, sorting, grading, packaging)
Transformation area (...)	1	1	
Post Harvest Facilities	1	1	
Briefing / Debriefing Room	1	1	
...			

			<p>Cold Room / Pre-cooling Unit</p> <p>Input Storage Building (fertilisers, substrates, chemicals)</p> <p>Technical Block (irrigation room, pumps, control systems)</p> <p>Small Office and Staff Facilities</p> <p>Vehicle Loading/Unloading Shelter</p>
<p>Auxiliary sub-units</p> <p>Potato</p>	1	1	<p>Potato Unit (0,5 ha (infrastructure $\approx 3000 \text{ m}^2$))</p> <p>Tissue Culture Laboratory (in vitro plantlet production)</p> <p>Hardening/Acclimation House</p> <p>Screen House (Net House)</p> <p>Cold Storage Facility</p> <p>Irrigation/Water System</p> <p>Packing/Sorting Facility</p> <p>Administrative Block</p> <p>Staff Facilities</p> <p>Equipment Storage</p> <p>Biosecurity Buffer</p>