

# CircuWasteVETAfrica

*Presented by: RVTI*

**Date: Jun 2026**

*T4.3: Capitalising project for added value TVET services design*



Co-funded by  
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CircuWasteVETAfrica

## Task 4.3 (Capitalising project for added value TVET services design) Stakeholder Workshop Overview

- First workshop held on 29 May at Ramseyer VTI
- Follow-up online session held on 16 June
- Objective: Engage stakeholders in developing collaborative action plans under the CircuWasteVETAfrica project
- Participants included representatives from TrashSmart, KCARP, and other local TVET and industry stakeholders

## **Presentations and Discussions**

- **Overview of the CircuWasteVETAfrica project**
- **Presentation of Skills Gap Analysis findings**
- **Discussion of labour market needs and circular economy opportunities**
- **Stakeholders shared experiences, challenges, and opportunities for collaboration**

# Action Planning Outcomes

- Round-table discussions were conducted to develop partnership action plans
- Stakeholders identified areas for internships, practical training, and knowledge exchange
- TrashSmart and KCARP expressed interest in strengthening collaboration with Ramseyer VTI as well as other TVET centres.
- Action plans were developed to support learner employability, industry engagement, and circular economy skills development

# Action Plan Table

|                                   |                                                                                                                                                                               |
|-----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Action title                      | Industry placement & circular economy skills training                                                                                                                         |
| Objective                         | To provide Ramseyer VTI Circular Economy students with hands-on industry training while building TrashSmart's operational workforce in waste processing and brick production. |
| Description                       | Ramseyer VTI students are placed at TrashSmart's Kumasi facility for internship TrashSmart supervises students and provides daily transport and meal stipends.                |
| Partners involved                 | Ramseyer Vocational Technical Institute (VET centre) and TrashSmart (industry partner),                                                                                       |
| Roles and responsibilities        | TrashSmart leads — hosts, supervises, and funds stipends. Ramseyer VTI contributes — nominates students and coordinates scheduling.                                           |
| Timeline                          | Start: Q3 2026 (upon MoU signing). Frequency: one cohort per semester.                                                                                                        |
| Resources needed                  | TrashSmart operations supervisor; school liaison officer; processing facility and PPE; student stipends (                                                                     |
| Expected outputs/outcomes         | Students trained and certified in waste processing skills; stronger school-to-industry pathway; increased TrashSmart operational capacity.                                    |
| Indicators of success             | Number of students completing placement; student satisfaction rating; percentage assessed as competent in at least two operational areas                                      |
| Link to partnership formalisation | Yes — a Memorandum of Understanding (MoU) will be signed between both parties before the first cohort                                                                         |



|                                          |                                                                                                                                                                                                                    |
|------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Action title</b>                      | <b>Circular Product Innovation Hub</b>                                                                                                                                                                             |
| <b>Objective</b>                         | To promote innovation, entrepreneurship, and circular economy product development by enabling students to design and prototype marketable products from recycled waste materials in collaboration with TrashSmart. |
| <b>Description</b>                       | Ramseyer VTI students work with TrashSmart to identify recyclable waste streams and develop innovative products with commercial potential.                                                                         |
| <b>Partners involved</b>                 | Ramseyer Vocational Technical Institute (VET centre), TrashSmart (industry partner)                                                                                                                                |
| <b>Roles and responsibilities</b>        | TrashSmart provides waste materials, technical guidance, industry mentorship. Ramseyer VTI coordinates student participation, training delivery, supervision.                                                      |
| <b>Timeline</b>                          | Start: Q4 2026. Frequency: One innovation challenge per academic year..                                                                                                                                            |
| <b>Resources needed</b>                  | Recyclable materials, workshop space, design tools, sewing and fabrication equipment                                                                                                                               |
| <b>Expected outputs/outcomes</b>         | Development of innovative products from recycled materials; increased student creativity and entrepreneurship skills                                                                                               |
| <b>Indicators of success</b>             | Number of products developed; number of student teams participating; number of entrepreneurship opportunities generated.                                                                                           |
| <b>Link to partnership formalisation</b> | Yes – activities will be incorporated into the Memorandum of Understanding (MoU) between Ramseyer VTI                                                                                                              |

# Action Plan Table

## KCARP 1

### Action title

Industry field visits & site tour

### Objective

Expose students to best waste recycling practices and hands on practical knowledge

### Description

Students visit sites, to learn, observe and know real world waste management processes, collection, sorting, recycling etc.

### Partners involved

VET centre (RVTI)/KCARP

### Roles and responsibilities

Industry experts takes students through various stages of recycling and waste collection.

VET Center makes students available for site visit

### Timeline

TBD (Anytime new students may be available subsequently). One site visit already occurred

### Resources needed

Technical Staff from KCARP, Tour guides, PPEs, Source of transportation for students

### Expected outputs/outcomes

All learners gets to understand the waste management value chain, recycling and waste collection methods as well as basic equipment involved

### Indicators of success

Increased TVET-Industry collaboration and 80%+ students (per cohort) having practical experience in the waste management industry

### Link to partnership formalisation

Mostly requires formal letter to the industry

## KCARP 2

|                                          |                                                                                                                                                                                                                                                          |
|------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Action title</b>                      | Internship and Work-Based Learning Programme                                                                                                                                                                                                             |
| <b>Objective</b>                         | To provide Ramseyer VTI students with structured internship and work-based learning opportunities at the Kumasi Compost and Recycling Plant (KCARP)                                                                                                      |
| <b>Description</b>                       | Selected Ramseyer VTI students are placed at KCARP for internship and industrial attachment programmes. During the placement, students rotate through key operational units including waste collection, sorting, composting, recycling, quality control. |
| <b>Partners involved</b>                 | Ramseyer Vocational Technical Institute (VET centre), Kumasi Compost and Recycling Plant (KCARP)                                                                                                                                                         |
| <b>Roles and responsibilities</b>        | KCARP hosts interns, assign supervisors. Ramseyer VTI identifies and prepares students, coordinates placements, conducts monitoring visits, and evaluates internship performance.                                                                        |
| <b>Timeline</b>                          | Start: Q1 2027. Frequency: Two internship cohorts per year. Duration: 4–8 weeks per cohort.                                                                                                                                                              |
| <b>Resources needed</b>                  | Internship supervisors, personal protective equipment (PPE), transportation support, training material, and student logbooks.                                                                                                                            |
| <b>Expected outputs/outcomes</b>         | Increased practical competencies in waste management and recycling operations; enhanced employability of students;                                                                                                                                       |
| <b>Indicators of success</b>             | Number of students placed on internship; percentage of students successfully completing placements and number of students progressing to employment or further training opportunities.                                                                   |
| <b>Link to partnership formalisation</b> | Yes – the internship programme will be formalised through a Memorandum of Understanding (MoU)                                                                                                                                                            |

## Aman-Sark Skills Development Institute (ASSDI)

|                                          |                                                                                                                                                                                                                  |
|------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Action title</b>                      | TVET Knowledge Exchange and Capacity Building Partnership                                                                                                                                                        |
| <b>Objective</b>                         | To strengthen the capacity of both institutions through knowledge sharing, joint training activities, curriculum enhancement, and the exchange of best practices in circular economy and green skills education. |
| <b>Description</b>                       | Ramseyer VTI and Aman-Sark Skills Development Institute collaborate to organize joint workshops, trainer exchange programmes, peer learning sessions, and student innovation activities.                         |
| <b>Partners involved</b>                 | Ramseyer Vocational Technical Institute (RVTI), Aman-Sark Skills Development Institute (ASSDI)                                                                                                                   |
| <b>Roles and responsibilities</b>        | RVTI and ASSDI jointly coordinate activities, nominate trainers and students for exchange programmes, share training resources, and host capacity-building events on a rotational basis.                         |
| <b>Timeline</b>                          | Start: Q4 2026. Frequency: Quarterly exchange activities and annual joint skills exhibition.                                                                                                                     |
| <b>Resources needed</b>                  | Training facilities, transportation for exchange visits, training manuals, workshop materials.                                                                                                                   |
| <b>Expected outputs/outcomes</b>         | Improved trainer competencies; strengthened institutional collaboration; enhanced quality of green skills training; and stronger networks among TVET institutions.                                               |
| <b>Indicators of success</b>             | Number of joint activities conducted; number of trainers and learners participating in exchange programmes; number of training materials shared                                                                  |
| <b>Link to partnership formalisation</b> | Yes – the collaboration will be formalized through a Memorandum of Understanding (MoU) between Ramseyer VTI and Aman-Sark Skills Development Institute to support long-term cooperation                          |

## Nana Serwaa Garment Industry and Skills College & Unijay Fashion School

|                                          |                                                                                                                                                                                                                                                                                               |
|------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Action title</b>                      | Textile Waste Upcycling and Skills Development Partnership                                                                                                                                                                                                                                    |
| <b>Objective</b>                         | To enhance learners' practical skills in textile waste recycling, and sustainable fashion while promoting circular economy practices through collaboration between Ramseyer VTI and Nana Serwaa Garment Industry and Skills College.                                                          |
| <b>Description</b>                       | Learners from Ramseyer VTI participate in practical workshops and industrial exposure sessions at Nana Serwaa Garment Industry and Skills College and Unijay Fashion School where they gain hands-on experience in textile waste sorting, fabric recovery and sustainable garment production. |
| <b>Partners involved</b>                 | Ramseyer Vocational Technical Institute (RVTI), Nana Serwaa Garment Industry and Skills College, Unijay Fashion School                                                                                                                                                                        |
| <b>Roles and responsibilities</b>        | Nana Serwaa Garment Industry and Skills College and Unijay Fashion School provides access to textile waste materials, practical training facilities, technical instructors, Ramseyer VTI identifies and prepares learners, coordinates training activities.                                   |
| <b>Timeline</b>                          | Start: Q4 2026. Frequency: One practical training cohort per semester and annual product exhibition.                                                                                                                                                                                          |
| <b>Resources needed</b>                  | Textile waste materials, sewing machines, workshop space, trainers, entrepreneurship mentors, product development materials, exhibition facilities, and monitoring tools.                                                                                                                     |
| <b>Expected outputs/outcomes</b>         | Increased learner competencies in textile recycling and sustainable fashion; development of innovative products from textile waste; enhanced entrepreneurial skills;                                                                                                                          |
| <b>Indicators of success</b>             | Number of students trained; number of upcycled products developed; number of joint workshops conducted; learner satisfaction levels; number of products showcased at exhibitions;                                                                                                             |
| <b>Link to partnership formalisation</b> | Yes – a Memorandum of Understanding (MoU) will be established between Ramseyer VTI and Nana Serwaa Garment Industry and Skills College to formalize collaboration                                                                                                                             |



# Partners



# CircuWasteVETAfrica

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# *Thank you*



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