



# Overview of MWE-CSE Partnership

A Training Workshop on Rainwater Harvesting, Groundwater Recharge and Wastewater Management in Institutions

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# Presentation Outline



1. Introduction
2. Collaboration approach
3. Scope of Partnership
4. Achievements



# Introduction



The overall objective of the sub sector is to provide sustainable water and sanitation services, including good hygienic practices in rural communities

The RWSSD created the Centre for Appropriate Technology in 2010 (ATC);

To: - advance research in;

- Water supply, sanitation & hygiene



# Introduction



MWE/ATC established collaboration in Feb. 2020, through a signed MoU.

The collaboration was intended to:

- Appropriate technology research
- Technology demonstration/promotion
- Human resource capacity building



# Collaboration approach



How?

- Exchange visits
- Piloting research initiatives
- Documentation & publication of research findings
- Knowledge mgt & sharing



# Collaboration approach



## Areas of interest

- Rainwater harvesting
- Groundwater recharge
- Sanitation/Hygiene/Waste mgt/FSM
- Water treatment
- Environmental conservation & protection



# Scope of Partnership



## In Sanitation

- Demonstration of zero waste concept
- Waste R,R,R
- Water quality mgt & pollution control
- Demonstration of circular economy concepts (linear vs Circular economy)



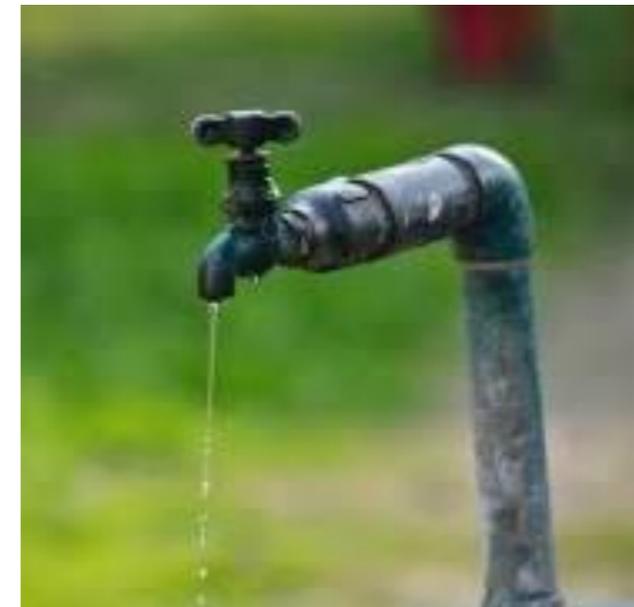


# Scope of Partnership



## In Water supply

- Water quality & quantity restoration research
- Water treatment technologies
- Water demand management
- Water transmission and distribution





# Scope of Partnership



## In Policy

- Development of technical manuals and policy guidelines

## In Capacity Building

- Joint research and capacity building projects
- ToTs



# Scope of Partnership



## The Model Village Concept

- Technology piloting
  - RWH,
  - Wastewater R,R,R
  - Solid waste mgt
  - Groundwater recharge





# Achievements FY 2020/21



| Training/Activity   | Dates  | Number Trained |
|---|--|----------------|
| 1. Online Global Training Programme on Faecal Sludge Management in Rural Area         | 1) 29 <sup>th</sup> July, 2020-12 <sup>th</sup> August, 2020<br>2) 30 <sup>th</sup> Oct-12 <sup>th</sup> November 2020 | 4              |
| 1. Uganda: Online training on rural sanitation with focus on Faecal sludge management | 20 <sup>th</sup> Dec 2020- 8 <sup>th</sup> Jan 2021  | 58             |
| 1. Uganda: Online training on rainwater harvesting and community asset building       | 5-18 <sup>th</sup> February, 2021  | 60             |
| <b>Total</b>  |  | <b>122</b>     |



# Achievements FY 2021/22



| S.No         | Training/Activity  | Dates                  | Uganda    |
|--------------|--|------------------------|-----------|
| 1            | In-depth focused training for expert team on GIS tools for planning and designing rainwater harvesting at village level for Uganda and Tanzania- Level 1 | Sept. 23 – Oct 2, 2021 | 19        |
| 2            | Uganda and Tanzania - Using GIS tools for planning groundwater recharge - Level 2  | January 17-26, 2022    | 25        |
| 3            | Uganda and Tanzania -short course on long tern sustainability, recharge and management of water sources  | February 14-23, 2022   | 25        |
| 4            | Uganda and Tanzania - Using GIS tools for planning groundwater recharge - Level 3  | March 7-17, 2022       | 25        |
| 5            | Pan Asia Africa online global training on using GIS tools  | December 1-10, 2021    | 1         |
| <b>Total</b> |  |                        | <b>94</b> |



# Achievements FY 2021/22



| Type of Activity       | Name of the activity   | Dates               | Participants attended |
|------------------------|--|---------------------|-----------------------|
|                        |  |                     | Uganda                |
| <b>Online training</b> |  | <b>Dates</b>        |                       |
| 1                      | Africa – south Asia level training on FSM (RWM-185-05602)  | 21 Aug -30 Aug      | 10                    |
| 2                      | Uganda - In-depth focus training for expert team of Uganda on design aspects of onsite/off site treatment of Faecal sludge (RWM-185-05627) | 27 Sept- 12 Oct     | 10                    |
| 3                      | Uganda, Tanzania and Nigeria - Short course on greywater management (RWM-134-05727)  | 21 Jan - 30 Jan     | 26                    |
| 4                      | Uganda, Tanzania and Nigeria - Short course on onsite sanitation systems (RWM-134-05728)   | 2nd Feb to 10th Feb | 26                    |
| <b>Total</b>           |  |                     | <b>72</b>             |



# Achievements FY 2022/23



| Type of Activity       | Name of the activity  | Dates                | Participants attended |
|------------------------|---|----------------------|-----------------------|
|                        |   |                      | Uganda                |
| <b>Online training</b> |   | <b>Dates</b>         |                       |
| 1                      | Africa Workshop in Dar Es Salaam-   | 11-13 July, 2022     | 3                     |
| 2                      | Exposure visit cum workshop to India  | September 7-10, 2022 | 4                     |
| 3                      | Online training on groundwater, wastewater and faecal sludge management - Pan Asia Africa | December 1-15, 2022  | 10                    |
|                        |   |                      | <b>17</b>             |

Uganda



# Q & A



**Thank you**

