

# **INFRASTRUCTURE OPERATION & MAINTENANCE DIVISION - RWSSD**

## **ENHANCING THE SUSTAINABILITY OF RURAL WATER SUPPLY SERVICES**



## **SCALING UP OF NGOS O &M INNOVATIONS AND MANAGEMENT MODELS**

**Edrida Musinguzi - IOM Coordinator**

# Presentation outline

**Overview of IO&M Division**

**Developments in IO&M Division**

**Towards improved Service levels**

**Sustainability concerns**

**Scaled up innovations & management models**

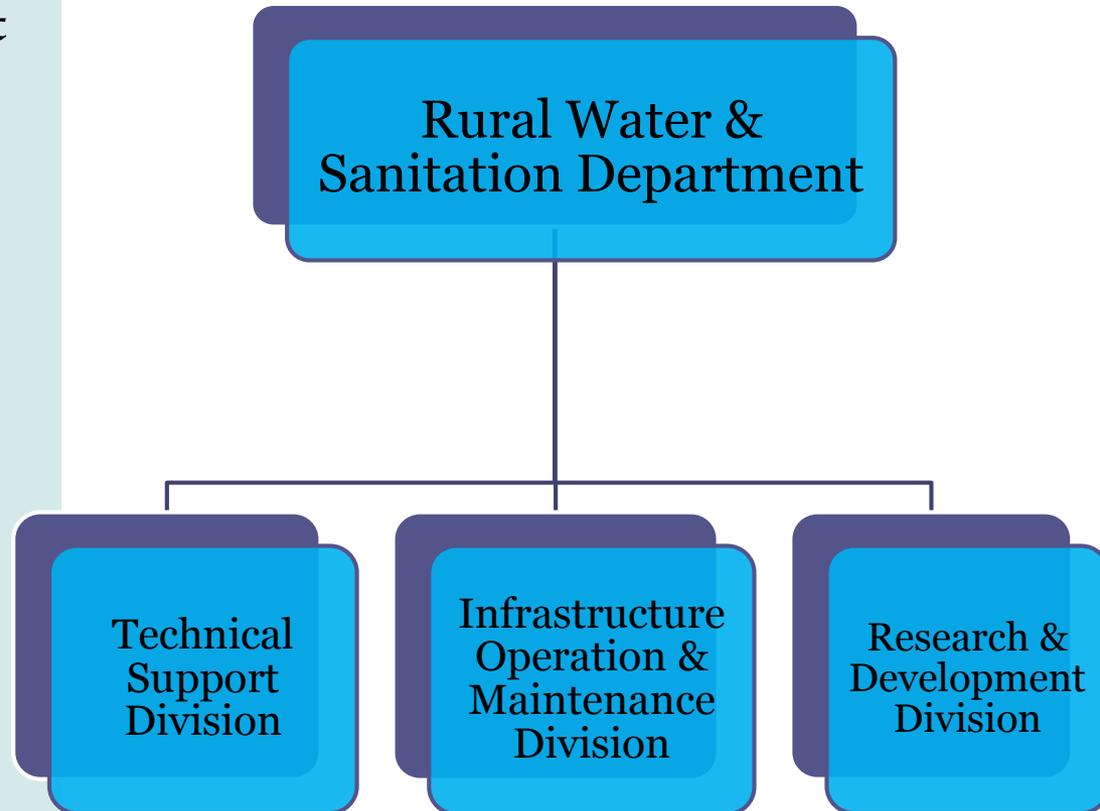
**Promising O&M Innovations under study**

# Overview of IO&M

A division under Rural Water & Sanitation Department, created in 2015

## Specific objectives:

- ❑ Address O&M Challenges
- ❑ Develop and implement strategies for increasing functionality
- ❑ Enhance Coverage, Access & **Sustainability** of WATSAN facilities



# Building Blocks of Sustainability

Monitoring & Regulation

Source protection

Asset Management

Financing

Institutional Capacity

# Developments in the IO&M Division

• **O&M Office**

**TOR for O&M Framework**

**Strengthening HPMA**

• **Major repairs**

- Established O&M office & appointed of a coordinator
- Finalized preparation of TORs for Rural Water supply O&M framework
- Scaled up & strengthening HPMA in all the districts, there is waiver from PPDA for districts to engage them directly. MOU signed with the district
- Supporting districts to rehabilitate hand pumps beyond community capacity

## Developments ...

**Disseminated  
Ext. workers HB**

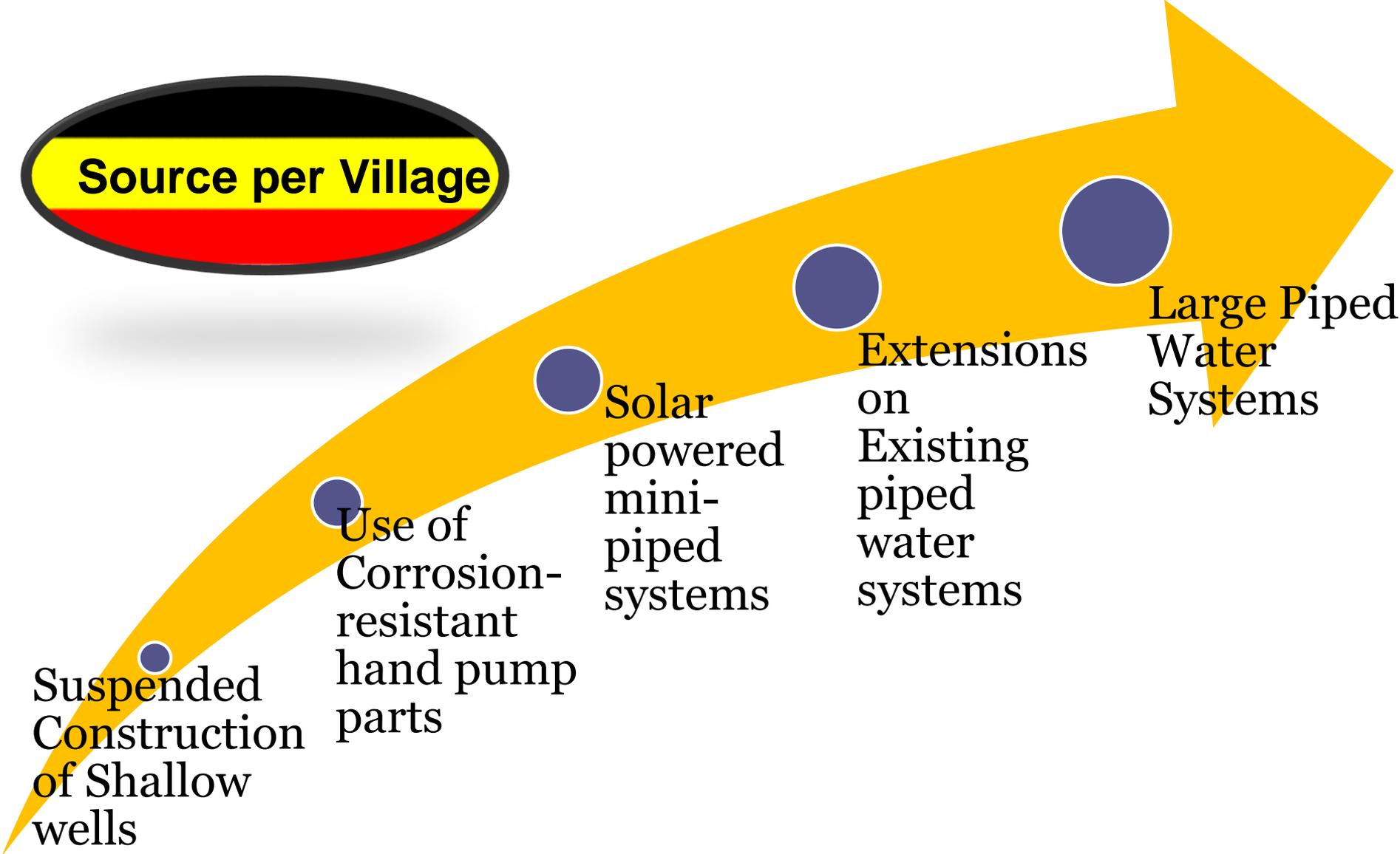
**Staffing in DWO**

**Scaling up  
innovations**

- Rolling out Asset Analysis through TSUs and collaboration with Water for people
- Ensuring districts recruit/ second the required staff through TSUS
- Disseminated extension workers handbooks (community management & Technology) to districts through TSUs.

# Towards improved water service levels

## Source per Village



Suspended  
Construction  
of Shallow  
wells

Use of  
Corrosion-  
resistant  
hand pump  
parts

Solar  
powered  
mini-  
piped  
systems

Extensions  
on  
Existing  
piped  
water  
systems

Large Piped  
Water  
Systems

# Sustainability Concerns

- ❑ Unmetered, unsupported piped water systems.
- ❑ Reduced budget allocation to software activities under DWSCG
- ❑ Aged piped water systems
- ❑ **3,228** facilities due for decommissioning
- ❑ Continuity of TSUs post JWESSP
- ❑ Varying tariffs & mode of payments
- ❑ Unprotected water source catchments
- ❑ Water Quality
- ❑ Unclear boundaries for gazetted water authorities/ utilities
- ❑ Fate of point water facilities in the gazetted area
- ❑ False Impression on access and functionality indicators in districts with abandoned former IDP camp water facilities. Of over **5,570** non-functional boreholes **50%** of the non-functional boreholes are from such districts.

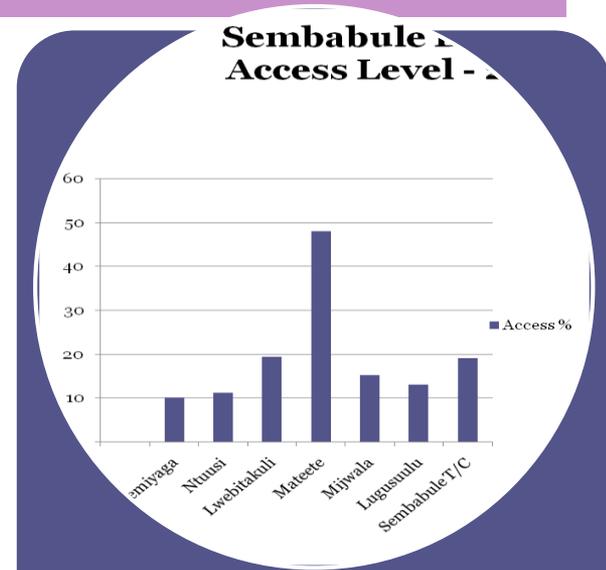
# Scaled up Innovations of NGOs



Handpump  
Mechanics  
Associations;  
SNV, IRC,  
rolled out in all  
districts



(SCWSSB):  
IRC, WaterAid,  
being rolled  
out in Northern  
region



District  
Investment  
Plans by Water  
for people

# Asset Analysis

- Identify,
- Catalogue
- Classify

## Risk Areas

- Age
- Level of service
- Physical state



**Physical State of the water components**

# Promising O&M Initiatives under study

- ❑ Pre paid meters on solar powered piped water systems; by **Water Mission** in Namayingo & Buyende, & **Simavi** in Kabalore.
- ❑ Metered hand pumps: by **Water for People** in Kamwenge
- ❑ Creation of service centres for O&M: **JICA pilot in central Uganda** – Mubende
- ❑ Service company approach; by **WHAVE Solutions** in Kamuli and Kumi
- ❑ Professionalizing the management of the borehole, communities paying a single fee; by **International Lifeline Fund** in Apac

## Other NGOs Initiatives

- ❑ NGOs O&M forum at national level
- ❑ Regional Learning Forum; Championed by SNV in 2012 under Northern Uganda WASH Alliance and Rwenzori WASH Alliance Coordinated by TSU 2 & TSU 6 respectively



*“We are living in a changing world, our thinking have to change, there is need for creativity & innovativeness if we are to achieve the set targets”*

*Commissioner Rural Water – (MWE, 2015)*

THANK YOU

