



**Ministry of Water and Environment
Joint Technical Review 2018**

Undertaking # 4

Operationalise the proposed coordination, implementation and funding mechanisms for catchment-based IWRM in atleast 8 catchments in the 4 WMZs by end of FY17/18

Establishment of Water Management Zones

Piloting catchment based IWRM undertaken from 2006 to 2008

Framework for CBIWRM developed in 2010

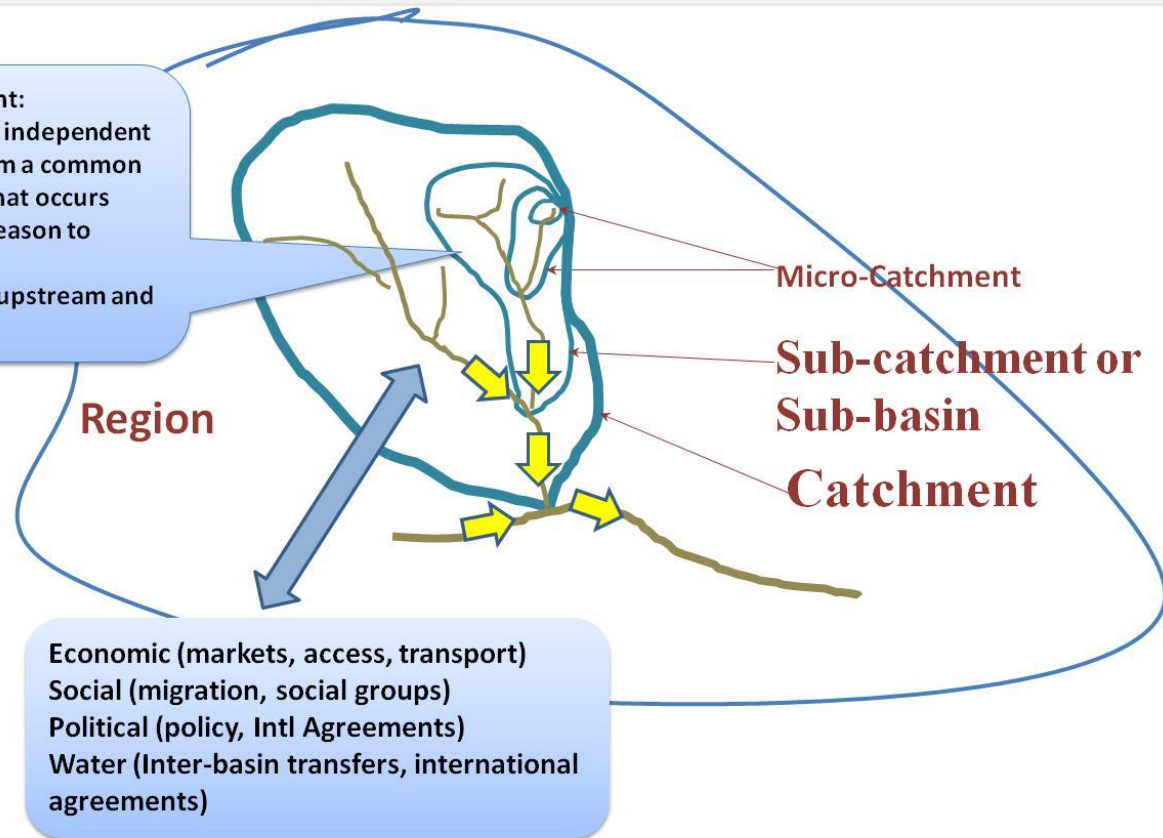
WMZ offices established in July 2011



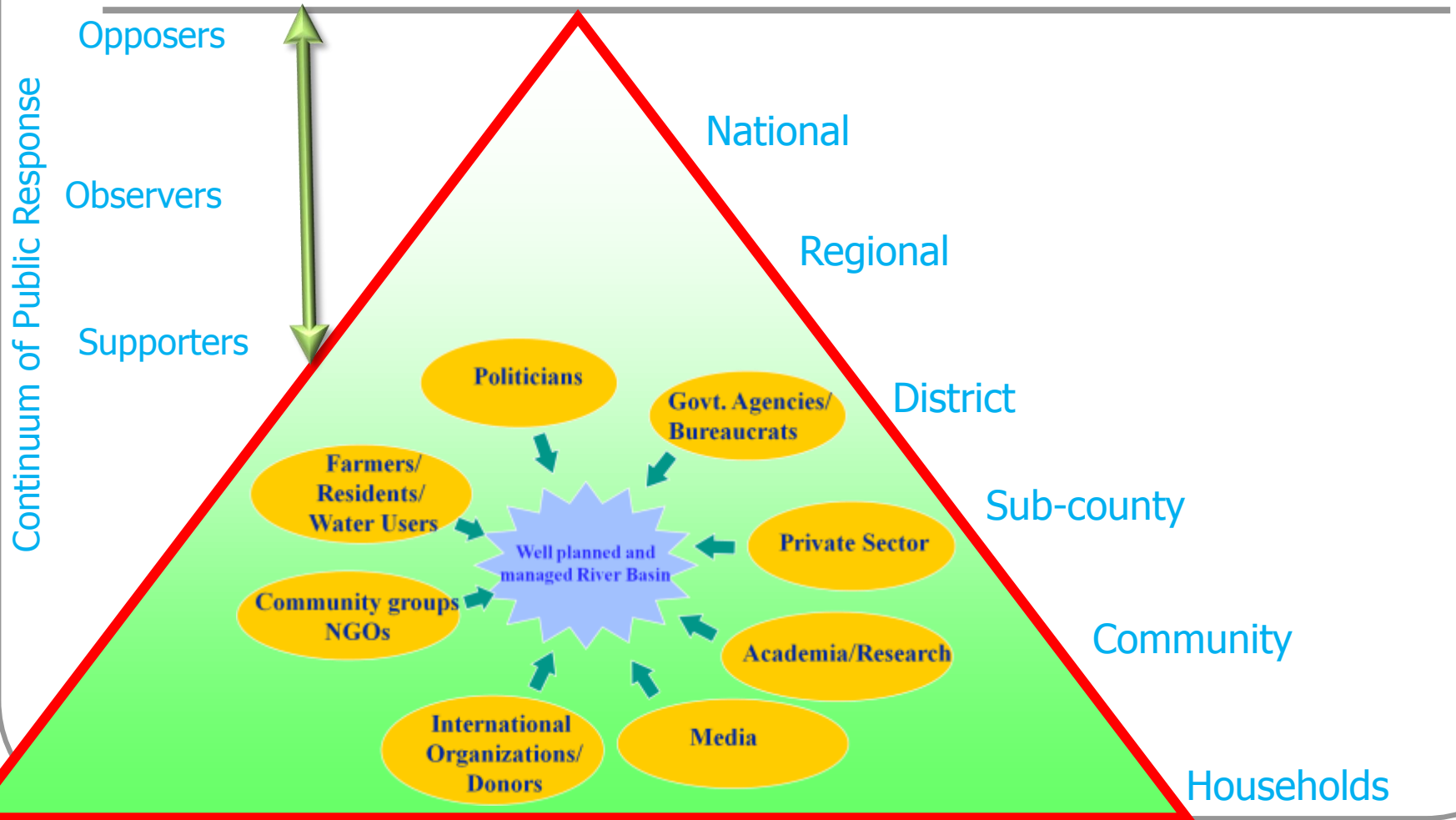
Catchment/Sub-catchment/Sub-catchment/Micro-catchment

In a catchment or sub-catchment:

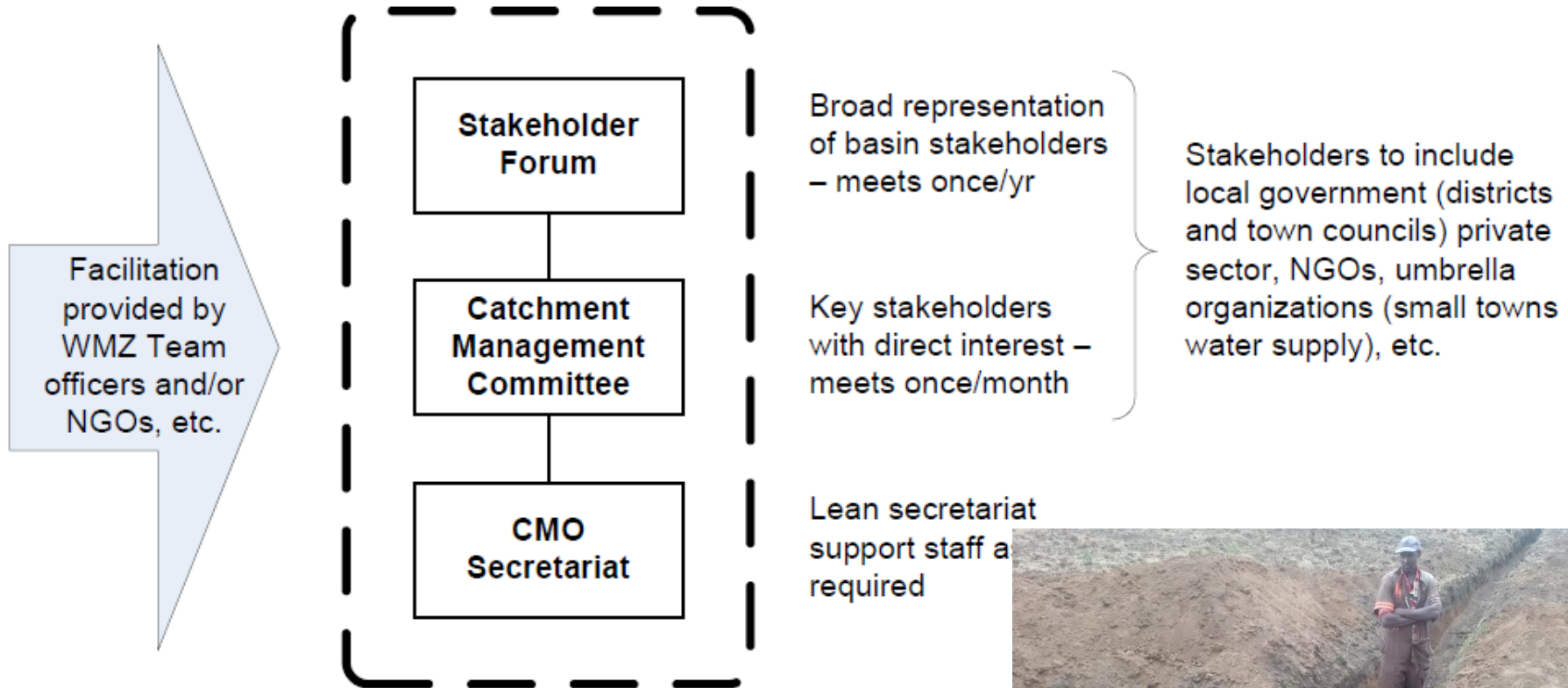
- Water uses are generally not independent
- Their needs must be met from a common resource – the SW and GW that occurs *within* the catchment from season to season,
- and this affects what others upstream and downstream can do



WMZ & CATCHMENT STAKEHOLDERS ARE MANY...



Structure of Catchment Management Organisations



CMOs already created for 14 catchments (Rwizi, Mpanga, Maziba, Awoja, Ruhenzamyenda, Katonga, Semliki, Aswa, Albert Nile, Victoria Nile, Mpologoma, Kiiha, Lokok and Lokere catchments)



Catchments where catchment planning is ongoing

Catchments with on-going interventions



0 25 50 100 150 200
Kilometers

Background

**Proposed coordination and
implementation mechanisms for
catchment based IWRM**

National level

- **Policy Committee on Environment:** Policy level coordination/oversight (opt)
- **Water Policy Committee:** Policy, Strategic Advice & Inter-sectoral coordination
- **Stakeholder Forum:** Joint Sector Review (JSR) and Joint Technical Review (JTR)
- **Water and Environment Sector Working Group (WESWG) and Water and Sanitation Sub-sector Sub-group:** SWAp, planning, budgeting, monitoring, coordination and reporting
- **IWRM** Thematic Team

Key implementation Actors/Partners to DWRM:

- **Line Ministries & organisations and institutions working across the Water & Environment sector – DEA, DWD, NFA, NEMA, NWSC, UWA, UWASNET, private sector, DPs, NGOs etc**

WMZ Level

WMZ structures:

- WMZ Advisory Committee (WAC)
- WMZ Technical Committee (WTC)

Catchment Level

Catchment Structures

- Catchment stakeholder Forum (SF)
- Catchment Management Committees (CMC)
- Catchment Technical Committees (CTC)
- CMO Secretariats

Sub Catchment Structures

- Sub Catchment stakeholder Forum (SF)
- Sub-Catchment Management Committees (SCMC)
- Sub-Catchment Technical Committees (SCTC)

Micro- Catchment Structures

- Micro-Catchment stakeholder Forum (SF)
- Micro-Catchment Management Committees (MCMC)
- Micro-Catchment Technical Committees (MCTC)

District Structures

District Structures:

- inter-district coordination forum
- inter-district technical committee
- local government statutory committees – district & local environment committees, DWSCC, DDC, Urban Councils.....

Community Level

to

- Need to have mechanisms to enable local communities to directly contribute to planning at the catchment, sub-catchment and micro-catchment level
- Propose to utilise structures as LC courts, networks of women & youth, local user associations – fishermen, car washers, water users, farmers

**Proposed funding sources and
mechanisms for catchment based IWRM**

Proposed funding sources

1. **Non-tax revenues** (payments by polluters and water users through Water Permit System)
2. **Payment for WRM services** (sales of data, laboratory services etc)
3. Payment for **water source protection** (3% of water related investment costs based on Water Source Protection Guidelines)
4. **Leveraging** local government Conditional **Grants** and area specific **funds** (NUSAF, NUREP, NAADS, PRDP, LRDP)
5. **Project financing** from donors, NGOs, Government, private sector etc
6. **Voluntary contributions** for catchment management and protection by stakeholders in the catchment
7. **Contributions by business entities** under corporate social responsibility

Proposed funding mechanisms

1. Integration of WRM activities at various levels into **MTEF**
2. Integration of WRM activities in various catchments into **District Development Plans & District Environment Action Plans**
3. Disbursement of funds for regional activities directly to **WMZ accounts** with WMZ Coordinators as accounting officers
4. Funds for activities in district plans channelled as **conditional grants through CMOs** and later distribute them to districts to implement various interventions in the CMP
5. Pooling financing from various sources into a **Catchment Management Fund** at either national level or in specific catchments
6. **Direct or in-kind funding** for activities from various sources

Expected Output of the undertaking

- Proposed **coordination and implementation mechanisms** for catchment-based IWRM operationalized in at least 8 catchments in the 4 WMZs
- Proposed **funding options and mechanisms** for catchment-based IWRM operationalized in at least 8 catchments in the 4 WMZs

Scheduled Deliverables

- Catchment Management Organisation **Procedures Manual** developed - **Dec 2017**
- **Guidelines** for establishment of coordination mechanisms for catchment-based IWRM at Sub-catchment and Micro-catchment levels developed –**Jan 2018**
- Proposed coordination and implementation mechanisms for catchment-based IWRM at catchment level operationalized in **atleast 8 catchments** (**SF, CMC, CTC**) - **Feb 2018**
- Proposed coordination and implementation mechanisms for catchment-based IWRM at sub-catchment level operationalized in **atleast 4 catchments** (**SF, SCMC, SCTC**) - **March 2018**
- Proposed coordination and implementation mechanisms for catchment-based IWRM at sub-catchment level operationalized in **atleast 8 catchments** (**SF, SCMC, SCTC**) - **May 2018**
- Proposed coordination and implementation mechanisms for catchment-based IWRM at micro-catchment level operationalized in **atleast 8 catchments** (**SF, MCMC, MCTC**) - **Jun 2018**

Scheduled Deliverables

- Proposed **funding sources and mechanisms** for catchment-based IWRM at catchment level operationalized in at least 8 catchment in 4 WMZs (**Project financing, payment for water source protection (3%), leveraging local government Conditional Grants and area specific funds (NUSAF, NAADS, PRDP), Voluntary contributions, Contributions by business entities**) operationalized- **June 2018**

Planned activities

- Develop Catchment Management Organisation Procedures Manual
- Develop guidelines for establishment of coordination mechanisms for catchment-based IWRM at **Sub-catchment and Micro-catchment** levels
- Operationalize proposed **coordination and implementation mechanisms** for catchment-based IWRM at **catchment level** in at least 8 catchments
- Operationalize proposed **coordination and implementation mechanisms** for catchment-based IWRM at **sub-catchment level** in at least 8 catchments
- Operationalize proposed **coordination and implementation mechanisms** for catchment-based IWRM at **micro-catchment** level operationalized in at least 8 catchments
- Operationalize **proposed funding sources and mechanisms** for catchment-based IWRM at **catchment level** operationalized in at least 8 catchments in 4 WMZs

Achievements as of April 18

- Catchment Management Organisation **Procedures Manual** developed
- **Guidelines** for establishment of coordination mechanisms for catchment-based IWRM at Sub-catchment and Micro-catchment levels developed
- Proposed coordination and implementation mechanisms for catchment-based IWRM at catchment level operationalized in **8 catchments (Aswa, Albert Nile, Maziba, Awoja, Mpanga, Lokok, Lokere and Rwizi)**
- Proposed coordination and implementation mechanisms for catchment-based IWRM at sub-catchment level operationalized in **3 catchments (Aswa, Maziba and Awoja)**

Achievements as of April 18

- Proposed coordination and implementation mechanisms for catchment-based IWRM at micro-catchment level operationalized in 5 catchments (Rwizi, Mpanga, Semliki, Aswa and Awoja)
- Proposed funding sources and mechanisms for catchment-based IWRM operationalized in 9 catchment (Rwizi, Mpanga, Maziba, Aswa, Awoja, Albert Nile, Semliki, Lokok, Lokere) in 4 WMZs
- ✓ Project financing- ADA, Danida, WB, AF, AfDB, GIZ, NGOs and Government
- ✓ Payment for water source protection (NWSC in Arua, Mbale)
- ✓ Leveraging area specific funds e.g NUSAF
- ✓ Voluntary contributions by various agencies (Water for People, WWF etc)
- ✓ Contributions by business entities (Coca Cola, Kinyara, Total, NWSC)

Key Challenges

- Inadequate staff numbers
- Inadequate funds

Main Stakeholders

- Central government ministries and agencies
- Local governments
- Civil Society Organisations
- Private sector
- Development Partners
- Academic institutions
- Faith based organisations
- Cultural institutions