

Synthesis of the 3rd SUWA

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Dr Birguy Lamizana, UNEP

Experiences from countries

- **20** countries (Botswana, Burundi, Ethiopia ,Ghana, Kenya, Malawi, Mauritius, Mozambique, Liberia, Lesotho, Namibia, Tanzania/Zanzibar, Uganda, Seychelles, Somalia, South Africa, Swaziland, Zambia)
- **Challenges:**
 - Institutional aspects (coordination, synergies)
 - Legal, policy aspects (existence, implementation, enforcement)
 - Lack of data on Wastewater
 - Capacity building (technical, financial, human,...)
- **Solutions/Needs:**
 - Proper institutional setting and strengthening
 - Guidelines on SUWA
 - Financial & environmental models and or incentives
 - Awareness to overcome the taboo/WW and Safe use the wastewater,
 - Platform, networking & experience sharing

Lessons learnt

- **Importance of Wastewater** is gaining momentum & **Wastewater** can be considered as a **valuable resource**
- **Drivers:**
 - Water Scarcity
 - Pollution/Tourism where availability is not a problem
 - Nutrients from Wastewater as fertilizers
- Putting key institutions & stakeholders together is a key
- Clarifying institutional roles & responsibilities is a must for joint collaboration,
- Data/Diagnosis on the status of WW production treatment & use, and water quality status is important to identify;
- Financing & cost recovery in REUSE projects is a challenge that need to be addressed;
- Health & environmental risk assessment & mitigation need to be addressed in broad perspective

Lessons learnt

- Need to:
 - Move from strict discharge standards to **multi-barriers** along the sanitation chain (practical tools to implement WHO 2006 Guidelines)
 - Find economic tools to better inform and drive changes (behavior) to promote safe use of wastewater
 - Have **appropriate technologies and new approaches**
 - Adapted to the scale, situation & cultural background
 - Constructed Wetlands as natural infrastructures can be a solution
 - Have financial incentives to enforce policies and adopt appropriate technologies
 - Have integrated economic and environmental models;

Way Forward? Some ideas...

- Institutional mapping (baseline on where to start),
- Situation analysis & needs assessment at country level,
- Networking, partnership & policy dialogue
- Provide a platform for the development of new and innovative technologies & management practices
- Capacity building:
 - Basic online training;
 - Replicability at national level
- **What else?**