

Economic aspects and feasibility of wastewater treatment and reuse

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SWAZILAND

- The WasteWater is treated by Private Sector following the Government Regulations;
- People living in areas connected by sewage line pay for it;
- They use informally for irrigation purposes, but not at commercial level.

ZAMBIA

- During dry season the water stay very little time in the ponds;
- Farmers are located at downstream of water courses and pay a tariff for the water board;
- Farmers are charged as it is for fresh water
- The one paying for water are only the big farmers and not the small ones;

ETHIOPIA

- People in areas connected to the sewage line they pay for it;
- Most of citizens are not connected;
- The payment for wastewater is percentage of the bill for fresh water;
- This amount is only used for maintenance purposes;
- They face diseases and are trying to tackle it.

SEYCHELLS

- Wastewater is not re-used in agriculture. It is discharged on the sea;
- Hotels use desalinated water;
- Farmers use water from the rivers and pay for the water abstraction;
- No system is installed for re-use in agriculture (high costs associated to the topography constraints and lack of infrastructure);
- Wastewater is discharged 50m away from the point of collection for the desalination;
- The capacity to pay for water is much higher in hotels than in agriculture.

MAURITIUS

- They treat wastewater as 3ary treatment;
- Part of the cost of wastewater treatment is recovered through household payment (USD 0.17/m³ for connection and wastewater treatment);
- Now farmers are being billed for treated wastewater USD 0.023/m³ (10 times more than surface water);
- Farmers are not willing this tariff (challenging issue).

LEARNED LESSONS

- In most of African countries wastewater is re-used but in untreated condition;
- Wastewater is not perceived as resource;
- There is need for the institutional dialog to clarify the roles and competences of different institutions;
- A dialog is need between institutions and other stakeholders to design the cost recovery strategy.