

UGANDA

DEMAND-SIDE MANAGEMENT OF WATER USE IN MICRO, SMALL, MEDIUM-SIZED ENTERPRISES IN UGANDA THROUGH PROMOTION OF WATER USE EFFICIENCY TECHNIQUES AND PRACTICES.

BACKGROUND

The recent Uganda National Water Resources Assessment Report 2013 indicates a reduction in available renewable water resources in Uganda by 34% in 16 years with a 69% dependency ratio from upstream countries. The manufacturing sector uses large amounts of water in its process. Unfortunately there is limited awareness among MSMEs on the challenges of availability of water resources to sustain their businesses, risk imposed from their current practices, inadequate business ethics and governance and the total costs associated and the impact of waste water discharge on the environment. The high volumes of water consumption associated with inefficient process operations, inadequate knowledge/awareness, and use of obsolete technologies creates channel for water scarcity and non-green practices. Demand-side management of water use at consumption will address these challenges through adoption and implementation of water use efficiency techniques and practices.

DIRECTORATE OF WATER RESOURCES MANAGEMENT (DWRM) MINISTRY OF WATER AND ENVIRONMENT (DWRM)

PARTNER:

Uganda Cleaner Production Centre (UCPC)

LOCATION:

Uganda - divided into water management zones [hydrological zones]

Budget



\$200,000.00

Timeline



36 Months

OBJECTIVES

The project targets to enhance water use efficiency and increase productivity in MSMEs in the manufacturing sector. Specifically to promote best practices to address water security and create awareness about water conservation among MSMEs; and to facilitate adoption and optimization of water use efficient techniques and practices in order to create model MSMEs for sustainable water use.

ACTIONS

- » Training on water efficiency and undertaking water audits.
- » Setting up of water efficient team within the company to work with UCPC experts in the implementation of water conservation measures.
- » Holding of implementation workshops where company water efficient teams will present their progress of implementation of water efficient measures.
- » Setting targets for cost savings, waste reduction and water efficiency.