

DEMAND-SIDE MANAGEMENT OF ENERGY USE IN MICRO, SMALL AND MEDIUM ENTERPRISES (MSMES) IN UGANDA THROUGH PROMOTION OF ENERGY EFFICIENCY TECHNIQUES AND PRACTICES

BACKGROUND

In Uganda, the demand for energy has increased significantly due to progress in economic growth and development, improved standards of living, growing populations and specifically increasing industrial growth. The manufacturing sector uses large amounts of energy to support its production processes and other operations. The MSMEs sector is characterised by low energy efficiency due to use of obsolete technologies, un-skilled labour, poor operating practices and limited use of renewable energy sources. Demand-side management of energy use will address these challenges through adoption and implementation of energy efficient techniques and practices. This will create opportunities for the MSMEs to improve their energy productivity, production processes; environmental performance and competitiveness which will contribute to poverty reduction and create jobs in the sector.

OBJECTIVES

The project targets to improve energy productivity and reduce adverse environmental impacts through adoption and implementation of energy efficient techniques and practices in MSMEs in the manufacturing sector. Specifically to create awareness about energy management and conservation among MSMEs; and to facilitate adoption and implementation of energy efficient techniques and practices in order to create model MSMEs for sustainable energy use in the sector.

ACTIONS

- » Awareness raising; Project seminars and workshops will be organised to raise awareness about the concept of energy efficiency so as to obtain commitment for implementation.
- » Energy audits will be carried out in each of the participating MSMEs so as to identify improvement measures.
- » Carry out Training; all employees from MSMEs, academia and government and energy regulators will be trained to equip them with the required know-how to foster adoption of energy efficient practices.
- » Technical support will be provided during the implementation of energy efficient measures and technical evaluations done to establish the impact of implemented measures.
- » Compilation and dissemination of results on national workshops to recognize MSMEs that will have excelled in adopting energy efficient measures.

**MINISTRY OF TRADE,
INDUSTRY AND
COOPERATIVES (MTIC)**

PARTNER:

Uganda Cleaner Production Centre [UCPC]

LOCATION:

Uganda

Budget



\$200,000.00

Timeline



36 Months