

ECONOLER INTERNATIONAL

DSM for Climate Change In India

Project presentation



By

ECONOLER INTERNATIONAL

April 2004

The Collaborators

- **The Funding Agency:**

**CIDA / Canada Climate Change
Development Fund (CCCDF)**

- **The partners:**

IREDA in collaboration with MPSEB

- **The promoter**

Econoler International Inc.

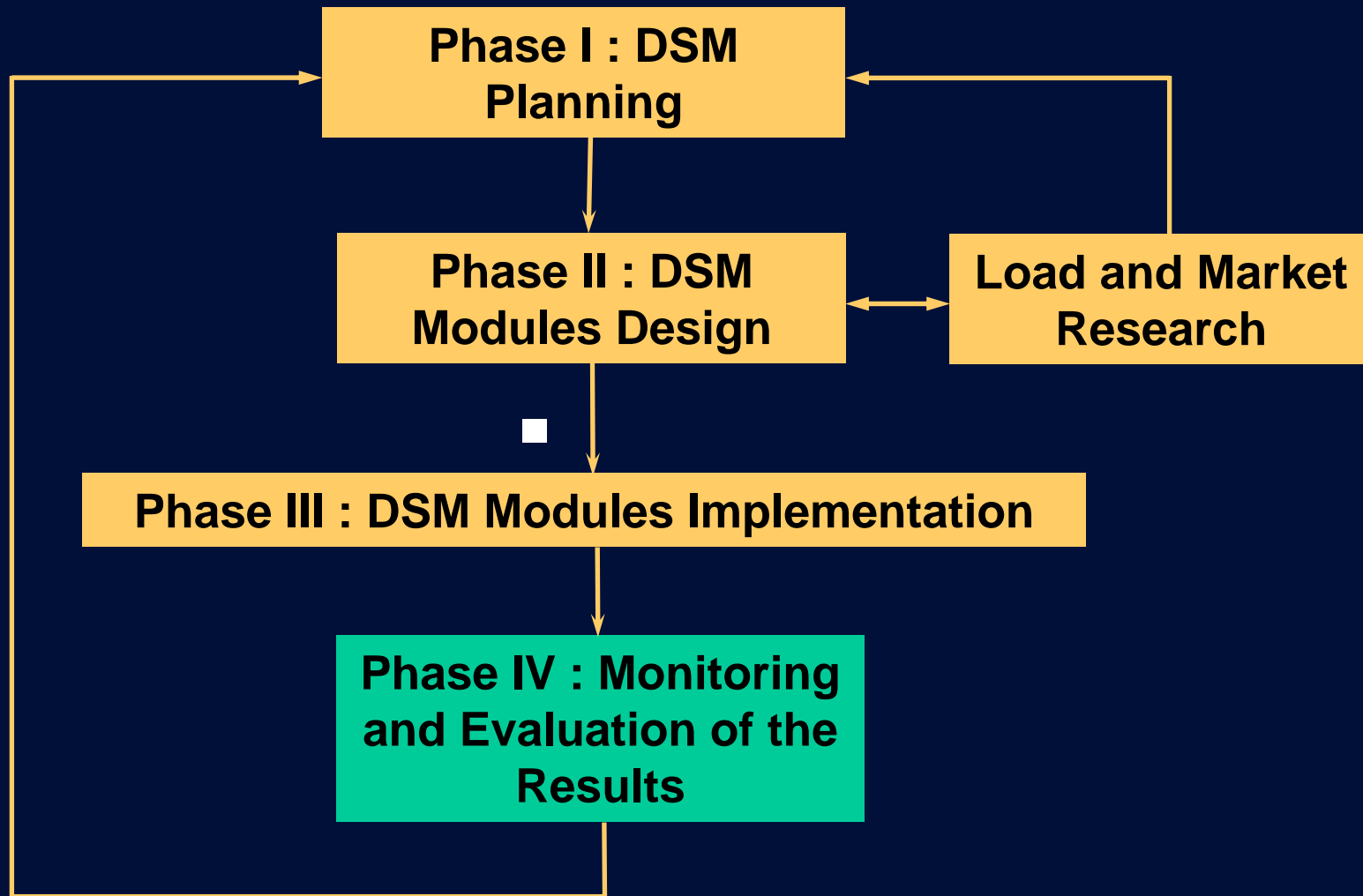
PROJECT OBJECTIVE

To increase the capacity and commitment of MPSEB, IREDA and relevant stakeholders to reduce the growth of GHG emissions through the implementation of DSM measures.

PROJECT EXPECTED OUTCOMES

- **Increase the commitment of MPSEB and IREDA for larger scale DSM projects linked to GHG reductions**
 -
- **Increased interest toward DSM activities linked to GHG reduction from other Indian utilities and various stakeholders.**

PROJECT IMPLEMENTATION



SECTORS TARGETED BY MPSEB

The non profitable sectors of
■ MPSEB

◆ Agriculture pumps

◆ Street Light systems

Street lighting module

- Replacement of all the 40W fluorescent lamps by efficient 32W lamps
- Installation of a control system on the street lighting network
- Replacement of a certain % of the fixtures

Agriculture module

Replacement of old inefficient pumping systems by new and efficient ones, including:

- Pump
- Motor
- Piping
- Foot valve
- Strainer

Dissemination and awareness

A book on DSM written by Econoler International in collaboration with TERI has been edited to a 1000 copies and is now available on TERI's Web site.

Environmental benefits

- **GHG Emission reduction**
- **Agriculture program**
 - ◆ Equipment disposal in an environmental friendly way will be ensured by MPSEB. Pumps will be dismantled and metal will be sold as scrap.
- **Street lighting program**
 - ◆ Equipment disposal in an environmental friendly way will be ensure by the municipalities. Lamps will be used on non-retrofit area of the municipalities until the end of their useful life.

Benefits for MPSEB

- **Decrease non-profitable sales to compulsory clients**
- **Sell energy to more profitable sectors**
- **Improvement to the global environment**

Conclusions

It is possible to develop financially interesting solutions for GHG emissions reduction in developing countries