

## DEMT - DISTRIBUTED ENERGY MANAGEMENT TOOLS IN CAMBODIA AND LAOS



**PowerDev**



This project is co-funded by the European Union through EC-ASEAN Energy Facility



### Fact sheet DEMT 2005

#### Full project title

Distributed Energy Management Tools in Cambodia and Laos

#### Objective

The overall objectives of the action are:

- To provide MIH of Laos and MIME of Laos, who are in charge of distributed renewable energy services for rural areas, with a mini grid and PV systems management software, operational in the contexts of Laos and Cambodia.
- To assist the partners above in formulating the performance indicators they would like to monitor through the above software tool;
- To develop the adapted software in close collaboration between the ASEAN and European partners, to ensure full transfer of know how and that IT staff are capable of further developing and adapting the instrument
- To test the instruments in the field in actual areas where mini grids, PV systems are being operated
- To develop the related training manuals in Khmer and Lao,
- To train trainers as well as operators
- To ensure that the Ministries can consolidate data and manage the decentralised private sector based programmes' performance efficiently.

#### Main project data

Start:	Mars 2005
duration	12 months
Total effort:	15,5 man-month
Contracting Authority:	EC-ASEAN Energy Facility ( <a href="http://www.aseanenergy.org/eaef">www.aseanenergy.org/eaef</a> )
Support:	€196 915 by European Community

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### Tasks

Task n°	task name	task leader	task duration
Task 1:	Development of improved renewable / distributed energy management systems adapted to national needs	IED	4 months
Task 2:	Pilot installation and testing in Laos and Cambodia	IED	4 months
Task 3:	Training and dissemination in Laos and Cambodia	MIH, EDC-MIME	4 months
Task 4:	Coordinating, Management and reporting	IED	12 months

### Project partners

IED	Innovation Energie Développement	France
EDC	Electricité du Cambodge	Cambodia
MIME	Ministry of Industry, Mines & Energy	Cambodia
MIH	Ministry of Industry and Handicrafts	Lao PDR
PD	Power development	Belgium