

RESIREA

Renewable Energy Sustainable Program For Intelligent Rural Electrification and Poverty Alleviation

Work Package 2 Inventory and analysis of DRE infrastructures and electrified villages

Kick-off meeting - Vientiane - 29/01/2007



MEM
Lao PDR



ADEME



Agence de l'Environnement
et de la Maîtrise de l'Énergie

Intelligent Energy  Europe

Objectives

- ✿ to obtain a clear identification of both favourable factors and barriers relating to the establishment and operation of decentralized rural infrastructures,
- ✿ to be able to precisely identify the villages that are electrified by the power grid or by decentralised operators.

Tasks




- ✿ Specifications of the study's reference terms
- ✿ Investigation amongst institutional energy and rural development entities to identify all decentralised electrification projects in rural areas => Exhaustive list of DRE infrastructures
- ✿ Investigation and interviews of beneficiaries, technicians and decision makers

Time frame



- ✿ From January 2007 to April 2007:
 - ✿ Detailed elaboration of terms of references: questionnaires, etc.
- ✿ May 2007:
 - ✿ Call for proposals.
 - ✿ Analysis of proposals, selection and order.
- ✿ From June 2006 to August 2007:
 - ✿ Implementation of the study, report to the WP leader, questions and validation.

Outcome and deliverables

Outcome:

-  All of the villages that are electrified (and the modes of electrification) for each province
-  Analysis of the reasons for the failures and successes of electrifications
-  Analysis of the interview results

Deliverables:

-  One report per province
-  Internet website availability and access to data

Roles of partners

- ✿ FONDEM: contribution to the reference terms of the study to be conducted by the local consultants and integration of the mappable data in NORIA.
- ✿ FRAUNHOFER: elaboration of the reference terms, contracting of the local consultants, analysis of collected data and reports furnished by the consultants. Presentation, during Project Meeting, of the results of the work package to the partners and the concerned actors of the studied provinces.
- ✿ CRA-W: contribution on the biomass specific aspects of the reference.
- ✿ DOE, DET, RERD: inventory of all the infrastructures of the electrified villages/zones, supervision of the consultants for collection of the field data.

Structure of WP 2

- * Asian Partners: Exhaustive list of DRE infrastructures and electrified villages by grid

- * TORs for local consultant:
 - ☘ Translation of 2-page leaflet for project presentation (first task)
 - ☘ Technical, organisational, financial and economic data
 - ☘ Investigation and interviews of beneficiaries, technicians and decision makers
 - ☘ Modes of operation on technical, financial, social and organisational aspects
 - ☘ Socio-economic impact, acceptance & satisfaction issues, gender issues and quality of life
 - ☘ Existing plans for electrification and use of renewable energy sources
 - ☘ Private sector activities in province related to electricity supply
 - ☘ Existing financial mechanisms (fee for service, micro-credit)