

RESIREA

Renewable Energy Sustainable Program For Intelligent Rural Electrification and Poverty Alleviation

Work Package 7 Definition of electrification programmes

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




MEM
Lao PDR



ADEME



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

Intelligent Energy  Europe

Objective

Set up sustainable decentralised rural electrification programmes using renewable energies, specific to each zone, considering all aspects: technical, financial, social, resource available (solar, hydraulic, biomass), etc.

Tasks



- ✿ Definition of the energy supply (technical, financial organisational)
- ✿ Valorisation of the quantity of greenhouse gas (GHG) avoided
- ✿ Definition of financial parameters (business plan and financial packages)
- ✿ Analysis of risks and limits
- ✿ Elaboration of programme engineering

Time frame





- ✿ From December 2008 to January 2009:
 - ✿ Analysis, propositions and elaboration of the programmes frames
- ✿ Project meeting of February 2009:
 - ✿ Validation of DRE programmes frames
- ✿ From February to July 2009:
 - ✿ Calculations, writing, etc. of the programmes
- ✿ Project meeting of August 2009:
 - ✿ Internal presentation and validation of the programmes
- ✿ November 2009: presentation of the programmes in the seminar

Outcome and deliverables

Outcome:

-  Definition of the decentralised rural electrification programmes that are sustainable on the technical, financial and organisational levels.
-  Validation and appropriation of these programmes by the local partners on all of the scale of responsibility (national, regional and district).

Deliverables:

-  DRE programme project definition documents for each zone.
-  Validation workshop report.
-  Definitive DRE programme definition reports for each zone.
-  Technical and organisational specifications for setting up the decentralised electrification programmes (« ready to use » documents).

Roles of partners

- ✿ FONDEM: coordination of the definition of the rural electrification programmes on the selected zones, in collaboration with the FRAUNHOFER and the CRA. Presentation, during a workshop held further to a Project Meeting, of the results of the Work Package to the partners and concerned actors of the studied provinces.
- ✿ FRAUNHOFER: participation in defining the programmes for its specific competences with respect to the CDM and its experience in designing electrification programmes.
- ✿ CRA-W: participation in defining the programmes, in particular on programmes involving a biomass solution.
- ✿ DET, DOE, RERD: participation in defining the electrification programmes, especially to take the specific contexts of each country into consideration. Validation of the programmes.