

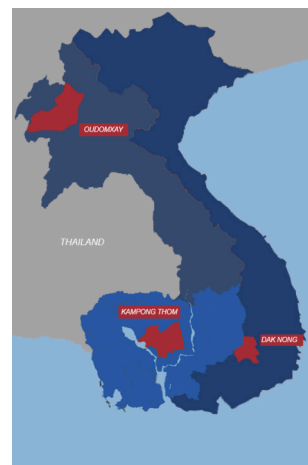


Project Fact Sheet

Created: June 2007

Renewable Energy Sustainable Programs for Intelligent Rural Electrification and Poverty Alleviation (RESIREA)

Programme area:	COOPENER Cambodia - Laos - Vietnam
Status:	Ongoing
Coordinator:	Fondation Energies pour le Monde (FONDEM) France Email: fondem@energies-renouvelables.org Tel: +33 144 187 323
Partners:	<input type="checkbox"/> Fraunhofer Institute for Solar Energy (ISE), Germany <input type="checkbox"/> Centre Wallon de Recherches Agronomiques (CRA-W), Belgium
Sub-contractors:	<input type="checkbox"/> Department of Energy Techniques, Ministry of Industry, Mines and Energy - Cambodia <input type="checkbox"/> Department of Energy, Ministry of Energy and Mines – Lao PDR <input type="checkbox"/> Centre of Renewable Energies and Rural Development - Vietnam
Website:	www.energies-renouvelables.org/resirea
Objective:	Sustainable wide-scale renewable energy-based programmes for rural electrification and support for institutions in terms of energy planning
Benefits:	<input type="checkbox"/> Electrification programmes technically and economically sustainable <input type="checkbox"/> Promotion of ecological and decentralized energy systems <input type="checkbox"/> Contribution to poverty alleviation
Keywords:	Sustainable, renewable, planning
Duration:	01/2007-01/2010
Budget:	€ 603,203 (EU contribution: 50%)
Contract number:	EIE/06/272/SI2.449064



Short description

The RESIREA program aims to promote wide-scale access to electricity in rural areas in Lower Mekong Countries to contribute to poverty alleviation. Three different provinces are targeted: **Kampong Thom** in Cambodia, **Oudomxay** in Laos and **Dak Nong** in Vietnam.

RESIREA proposes to:

- Implement an innovative methodology based on the cross-analysis of technical and economical parameters, which will identify the most suitable zones and give a clear visibility to potential investors.
- Define ready to implement electrification programmes, financially sustainable and interesting for local operators and submit them to private operators and financial agencies,
- Train decision makers and national / provincial actors in renewable technologies and Decentralized Rural Electrification planning
- Communicate the results and feed back of the studies.

The total population targeted by RESIREA is estimated at 150 000 people, that is to say that the final programmes will concern about 40 villages per country.

Expected and/or achieved results

The expected results of RESIREA programme are to:

- Meet the **need of electricity** in rural areas for domestic use (households), social use (health centres, schools), and productive use (shops, mills, economic activities...), which contribute to **fight against poverty** (improvement of living, health and education conditions, economic stimulation of the local development),
- **Remove barriers** to large scale rural electrification programmes through renewable energies,
- Heighten the **awareness** of populations and private operators about the possibilities of off-grid electrification through renewable energies,
- Compile of a **database** for each province that can be used for future programs,
- Enable the commitment of South East Asia and the European Community **decision makers, investors and financing institutions** in the implementation of programmes proposed.

Lessons learnt

This project has just started. It is therefore too early to draw lessons.