



Understanding decentralized energy interventions and their success conditions in selected countries of Asia-Pacific region

1. Participants until July 2014: TERI University; AIT; Universitas Gadjah Mada
2. Brief description of the project: The proposed study seeks to explore the possibility of cross learning and cross-engagement of country experiences, initially in three different countries of Asia i.e. India, Indonesia and Thailand in the field of decentralised energy intervention. Other countries may be included according to new intentions by ProSPER.Net members to participate in the project. The proposed activity aims at understanding the decentralized energy sector development within the specific country context and characteristics (such as resource endowment, state of technological development, presence of policy and regulatory framework, actor constellations and networks, and presence of market elements) and explores the possibilities of experience sharing and knowledge transfer in the area of decentralized energy intervention. Setting this as background and rationale for the study, the present research study seeks to explore following set of objectives.
3. Objectives: **a)** To understand the variants of decentralized energy interventions/models (e.g. publicly supported models, public-private based models, completely private entrepreneur supported models etc) being operational in the study countries. **b)** To map country specific policy and regulatory incentives and instruments promoting these interventions. **c)** Explore the possibilities of replication and transfer of successful model structures from one country to the other
4. Project duration: 18 months, Starting from January 2015
5. Expected outputs/outcomes:
 - Preparation of in-depth case study modules based on country specific decentralized energy intervention types
 - Capacity building of students in this emerging area not only through desk based research but also through practical knowledge gaining through field visits and participation in key stakeholder interviews
 - Publication in peer reviewed journal
 - Case-studies for wider dissemination through ProSPER.Net website
 - Bring out key policy briefs (one for each participating country) suggesting the existing lacunae with the current policies governing the decentralized energy systems in the participating countries
6. Contact:

Please contact Professor Arun Kansal (akansal@teri.res.in) to express your interest in the project by **30 August 2014**.