

## **RDG-06-12: Creating an Enabling Framework for Re-Deployment in the Partnership**

### ***Project***

This project will help to improve the quality of both the resource information and the tools for assessing the technical and economic potential for renewable energy development, which will greatly enhance opportunities for broad deployment of RE and DG technologies in the Partner countries. It will also develop improved tools for applying resource information together with other data (e.g. technology and system cost, load profiles, land-use, etc.) to provide more credible and accurate information on the economic potential and competitiveness of renewable energy relative to other alternatives. This will include a review of current integrated economic assessment methods and tools, ranging from screening analysis to modeling capabilities and collaborative work to enhance the quality of these tools in use across Partner countries.

### ***Participation***

This project will be managed by the Office of Energy Efficiency and Renewable Energy at the U.S. Department of Energy. It is anticipated that representatives from each Partner country will participate in this activity with a specific focus on relevant energy and planning Ministries and technical institutions and agencies with capabilities in the areas of renewable energy resource assessment, economic assessment and optimization tools, and policy formulation and evaluation.

### ***Objectives***

To improve the quality and access to resource and economic assessment information to inform renewable energy policy and project development and promote the use of renewable energy policy best practices. This will result in establishment of best in class resource and economic assessment methods and collaborative plans for their broad use across Partner countries by end of 2007 and availability of high quality renewable energy resource and economic assessment data and tools for priority regions across the Partner countries by the end of 2010. The overall project will help to establish a credible information base upon which viable, and sustainable, renewable energy markets can be fostered.

To promote the use of renewable energy policy best practices that will create effective enabling environments for renewable energy development. This will result in a common understanding and acceptance of policy best practices across Partner countries and initiation of work to implement these policy best practices by the end of 2007 and adoption of policy best practices (to the extent possible as consistent with country priorities) across Partner countries by the end of 2010.

### ***Milestones***

Establish general agreement on best in class methods for resource and economic assessment among Partner countries. (December 2006)

A detailed summary of available resource and economic assessments (wind, solar, biomass, hydro, geothermal, CHP) across the Partner countries and the quality of these data. Report will also identify recommended near-term priorities to fill gaps in data and tools by country. (February 2007)

A detailed report on best-in-class resource and economic assessment methods and tools for optimizing resource use and implementation of improvements to these tools to better support policy and project development needs. (Six months for evaluation, 12 months for implementation activities after project initiation.) (September 2007)

Collaborative plans across Partner countries developed to disseminate and apply these best in class resource and economic assessment tools and methods (including training) to address key gaps and inform policy and investment decisions. (July 2007)

Report on renewable energy policy best practices for Partner countries. This report will be based on a review of the impacts and experiences with renewable energy policies and programs employed across the Partner countries. (September 2007)

Initiation of technical assistance for select high impact renewable energy policies and programs in Partner countries. (December 2007)

***Location***

This project is not site specific but it is anticipated that all activities will occur within Partner countries.

***Resources***

\$2,000,000 from Partner countries.