

## **RDG-06-13: Quality Renewable Energy Training in China and India**

### ***Project***

China's and India's demand for energy is increasing rapidly. Renewable Energy is seen by both the Indian and Chinese governments as an important component in satisfying future energy demand. Nevertheless, delivering affordable and reliable renewable energy services and achieving the contribution targets being set for RETs to future power generation will be challenging without an extensive pool of competent (knowledgeable and skilled) practitioners to design install and maintain RE systems and services. This project will progress the systematic development of national training competency standards in RE/DG in China and India, to achieve country-wide coverage and pave the way for future quality oriented training implementation within the mainstream vocational training sector.

### ***Participation***

The Project Manager will be Mr. Geoff Stapleton, Managing Director, Global Sustainable Energy Solutions Pty Ltd. Other partners in the project are: Institute for Sustainable Power Inc, USA; IT Power China Pty Ltd., China; IT Power (Australia) Pty Ltd., Australia; IT Power India Pty Ltd. (India); Indian Institute of Technology Bombay, (India) and Electrical Engineering Research Institute of The China Academy Of Sciences, China

### ***Objectives***

The project will have two separate streams for the two countries:

#### ***China***

The overall goal of the project is the establishment of ISP Office in China- thereby providing China with the framework for accrediting RE training courses. The key indicators are: ISP China Office able to successfully undertake all activities required by an ISP Licensee and is self funding after 2 years time; and all required committees are operating. The Project Manager will work closely with China to determine appropriate implementation arrangements.

#### ***India***

The overall goal is a comprehensive strategy document addressing the implementation requirements for quality-oriented training in Renewable Energy and Distributed Generation in India, including milestones and deliverables for action over the proceeding five-year period. The key indicators are: completion of four workshops to introduce draft strategy to at least 50 Indian stakeholders; completion of a strategy document describing an approach for achieving quality-focused prioritized RE Training in India in the timeframe to 2030; a number of Indian Training Institutions offering quality-focused RE and/or DG training programs within five years from project completion.

## ***Milestones***

### ***China***

- Start: January 2007
- Establishment of ISP Office in China: March 2007
- Promotion of ISP to stakeholders: May 2007
- Formation of Committees and the Development of Chinese Approved Tasks Analyses: December 2007
- Ongoing operations of the office: December 2008

### ***India***

- Project Kick-Off Meeting: January 2007
- Strategy Outline for Partnership endorsement: January 2007
- Report on RE training environment: March 2007
- Draft Strategy and Implementation Plan: June 2007
- 4 x stakeholder workshops in India: September 2007
- Final Strategy and Implementation Plan: October 2007

## ***Location***

The project will be undertaken in China and India with coordination and management from Australia. A number of participatory workshops with stakeholders from across the country will be undertaken in key regional cities in China and India.

## ***Resources***

Cash from Partner countries; \$483,000. In Kind from committee members \$38,000.