



PROJECT STATUS REPORT FORM

Project Number: RDG-08-39	Task Force: REDGTF
Title of Project: CO-OPERATION RESEARCH FOR LONG TERM RELIABILITY OF PV MODULES IN INDIA AND JAPAN	
Lead Partner Country: JAPAN	
Participating Partner Countries and Organizations: Solar Energy Centre(SEC), Ministry of New and Renewable Energy (MNRE), INDIA & National Physical Laboratories (NPL),CSIR, INDIA	
Project Location (Country, State/Province, City):	
Project Manager Information Name: Dr. Michio Kondo Director, RCPV, AIST Organization: NATIONAL INSTITUTE OF ADVANCED INDUSTRIALSCIENCE AND TECHNOLOGY (ASIT) Phone: + 81-29-861-5792 Address: RCPV, AIST, TSUKUBA, IBARAKI -305-8568, JAPAN Fax: + 81-29-861-5829 Email: michio.kondo@aist.go.jp	
Project Start Date: JULY 2009	Date of Project Status Update: October 2009
Actions Since Last Update:	
Deliverables Since Last Update:	
Date Completed:	
Milestones Reached:	
Next Steps:	
Proposed Project End Date:	Project Already Complete: <input type="checkbox"/> Yes No <input checked="" type="checkbox"/> X

**Other Information:**

Project Objectives: The project is intended for development of anti-degradable PV module (life more than 35 years) to perform under the harsh environmental conditions of India and Japan.

Project Deliverables:

- (1) A detailed report on the process of field degradation,
- (2) Method and process of fabricating a anti-degradable PV module
- (3) A detailed report containing the data of environmental parameters of India and Japan

Project Milestones:

- Task 1 – Installation of comprehensive meteorological station completed.
- Task 2. Meteorological data collected for four months and still continuing.
- Task 3. Exchange of information on PV module testing between AIST and SEC completed.
- Task 4. PV arrays and MPPT / IV switcher to be installed at SEC.
- Task 5. Analysis of the degradation data of PV modules in the light of the weather parameters data to identify the reasons and remedies for the degradation.
- Task 6. Fabricate an anti-degradable device (PV module) and carryout the degradation studies in the field as well as in Lab.
- Task 7. Submit a report of the findings along with methodology of fabrication of anti-degradable module.