

IMPLEMENTING AGREEMENT ON PHOTOVOLTAIC POWER SYSTEMS
TASK 13 PERFORMANCE AND RELIABILITY OF PHOTOVOLTAIC SYSTEMS

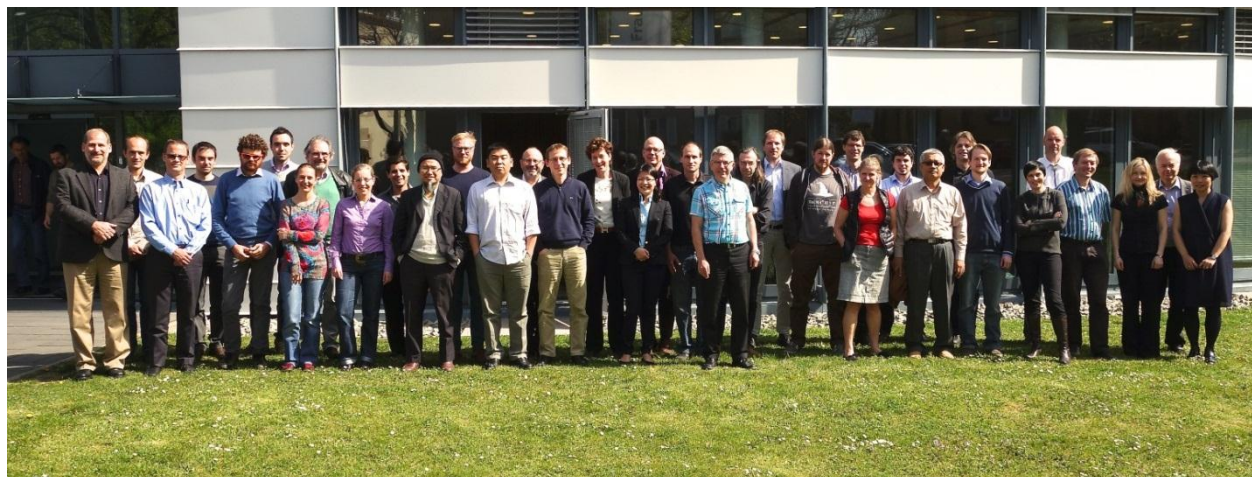
Dissemination of PVPS Task 13 Results at the Intersolar

Location: Intersolar Exhibition, EPIA Booth (Hall A2 – 571)
Time: Thursday, 05 June 2014, 11 – 13 hours
Activity: Meet PVPS Task 13 experts and learn about their results

International Co-operation Working on Performance and Reliability of Photovoltaic Systems

Task 13 of the International Energy Agency of the PV Power Systems Programme is an expert group of 33 international partners from industry and research in 18 countries, who work on “Performance and Reliability of Photovoltaic Systems“. The overall objective of Task 13 is to help market actors to improve the operation, the reliability and the quality of PV components and systems. Operational data of PV systems in different climate zones compiled within the project allow conclusions on the reliability and on yield estimations. Furthermore, the qualification and lifetime characteristics of PV components and systems are analysed, and technological trends identified.

The results of the work of Task 13 are published in technical reports and are disseminated during industry workshops and scientific conferences. One of the detailed technical reports describes the most common failures of PV modules and their impact of the important degradation mechanisms on power losses and safety. The deliverables of Task 13 during 2010-2014, technical reports as well as PV Performance Database including operational data of PV plants in different climate zones, are available for download from <http://www.iea-pvps.org>.



The following Technical Reports are available:

1. Characterization of Performance of Thin-film Photovoltaic Technologies
2. Review of Failures of Photovoltaic Modules
3. Analytical Monitoring of Grid-Connected Photovoltaic Systems - Good Practices for Monitoring and Performance Analysis

A limited number of hard copies of these Technical Reports will be distributed during the event upon special request.