



# Performance and Reliability of Photovoltaic Systems

IEA PVPS Task13

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# IEA PVPS (photovoltaic programme)

- 29 members: 23 countries, EC, Solarpower, SEPA, SEIA, Copper Alliance
- Most recent member: Finland
- Activities are carried out collaboratively on a country basis along a number of technical and non-technical subjects
- Currently, 7 Tasks are active



# IEA PVPS Tasks

- Task 1 - Exchange and dissemination of information on PV power systems
- Task 8 - Very large scale PV power generation systems (closed)
- Task 9 - Deployment of PV technologies: co-operation with developing countries
- Task 12 - PV environmental, health & safety activities
- **Task 13 - PV performance, quality and reliability**
- Task 14 - High-penetration of PV systems in electricity grids
- Task 15 - Acceleration of BIPV
- Task 16 – Solar resource management (former SHC Task 46)



# Relevant Issues

- Scenario work
- Market development and trends
- Policy framework
- **Business models**
- New technologies and applications
- Urban and rural implementation
- Large scale deployment
- Environmental aspects
- **Quality and reliability**
- Grid integration