



SFERA – Solar Facilities for the European Research Area

Joint Research Activities The Latest Development in CSP Research Infrastructures

Quality Improvement of Testing Services for R&D Infrastructures

- To establish common guidelines on testing and to develop and exchange best-practice approaches
- To improve accuracy in flux and temperature measurement devices
- To analyze the characteristics of high-flux solar simulators
- To create virtual CSP facilities for training of future users

Enhancement of the Capabilities for Ultra-high Concentration

- To develop standardized measurement tools to investigate the sunshape
- To define a common methodology to characterize secondary concentrating optics

Durability Predictions of CSP Components by Accelerated Aging

- To improve the CSP test facilities for comparative durability tests and accelerated ageing
- To validate new methodologies for selection of most durable candidate materials
- To define common procedures for accelerated ageing tests

Testing, Assessment and Characterization of Storage Technologies

- Characterization of different storage systems
- Methodology and definition of standardized testing procedures
- Methodology to characterize storage materials
- New measurement systems for PMC Storage
- Methodology for evaluation and assessment of different energy storage

Get the latest results!

Contact

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