



SFERA



Solar Facilities for the European Research Area A FP7 'Integrating Activity' within the 'Capacities' Programme

The purpose of this project is to integrate, coordinate and further focus scientific collaboration among the leading European research institutions in **solar concentrating technologies** and offer European research institutions and industry access to the best-qualified research and test infrastructures.



The CESA-1 tower at Plataforma Solar de Almeria (PSA)

Partner	Country
CIEMAT-PSA (Coordinator)	Spain
DLR	Germany
CNRS-Promes	France
Paul Scherrer Institut	Switzerland
ETH Zürich	Switzerland
WEIZMANN	Israel
ENEA	Italy
DIN	Germany
UPS	France
AUNERGY	Spain
CEA	France
INESC-ID	Portugal

Networking Activities:

- Organisation of training courses and schools
- Internal and external communication: Organisation of meetings, workshops and conferences
- Organisation of expert working groups and round tables
- Exchange of personnel for harmonization of procedures
- Joint management of 'Trans-national Access'



Sol LAB doctoral colloquium



The power tower at Rehovot (Weizmann)

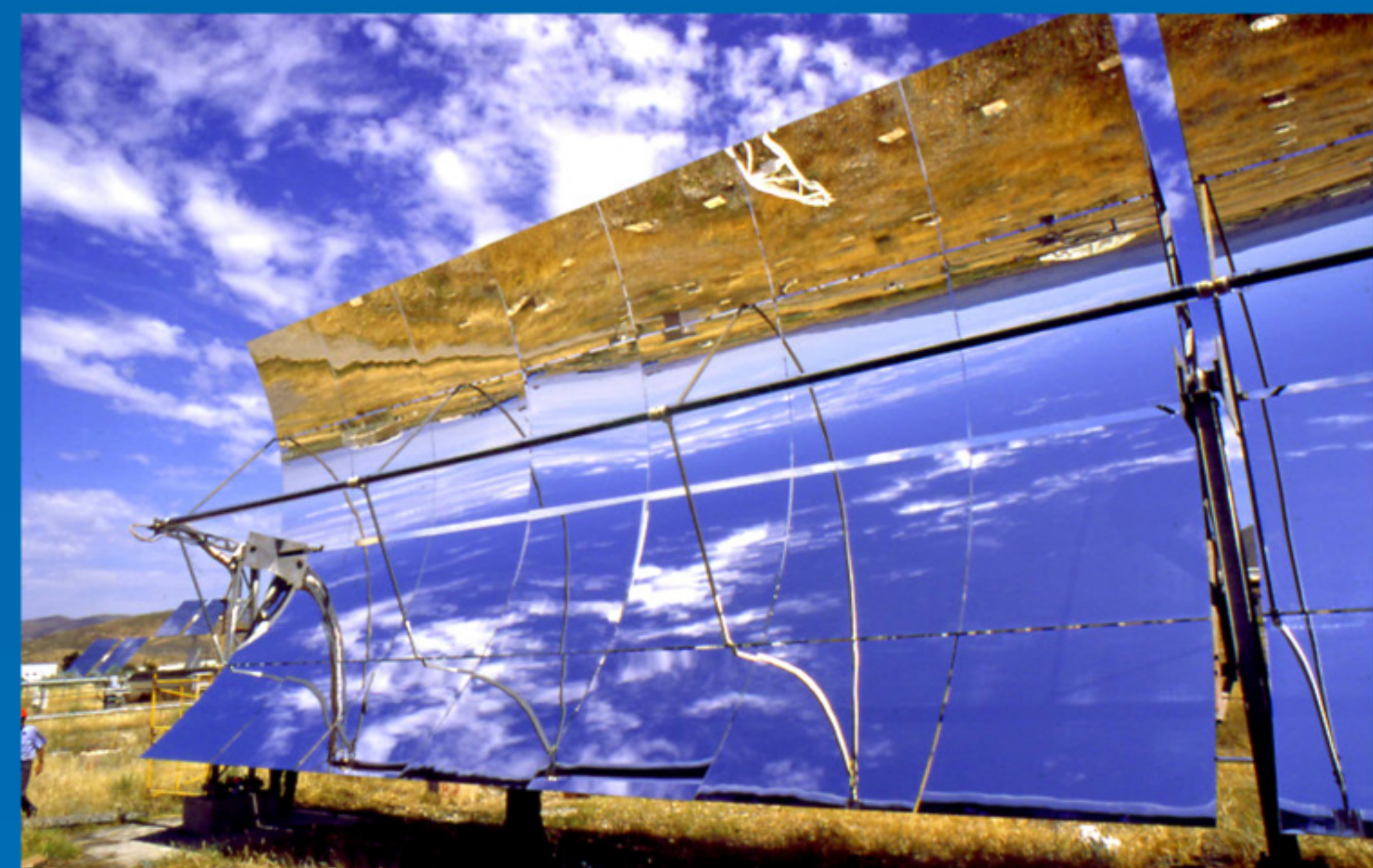


The 1 MW Solar Furnace at CNRS-PROMES in Odeillo

Free access to the following facilities is offered:

- PSA-Almeria (Spain)
- Weizmann Institute-Rehovot (Israel)
- Paul Scherrer Institut-Villigen (Switzerland)
- CNRS Promes-Odeillo (France)
- ENEA-Casaccia (Italy)

- Travel & accommodation of users are covered by the project, as well as facility running costs.
- User Proposals to be selected through **annual calls** by an Independent Experts Selection Panel and based on scientific merit.



Parabolic trough collector at PSA

Joint Research Activities:

- Improve Quality of Testing Services at R&D Infrastructures for CSP
- Improving the capabilities to achieve ultra-high concentration in CSP facilities
- Infrastructure improvements to perform durability predictions of CSP components by accelerated aging
- Methodology for Testing, Assessment and Characterisation of Storage Technologies and Materials

Project coordinated by:



Total project cost: 9,040 k€
Total EC funding: 7,400 k€
A four-year project, started July 1, 2009

For further info, visit the SFERA web site: <http://sfera.sollab.eu>

