



Cyprus Institute (Cyi) Presentation

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Institution	The Cyprus Institute
Short name	Cyl
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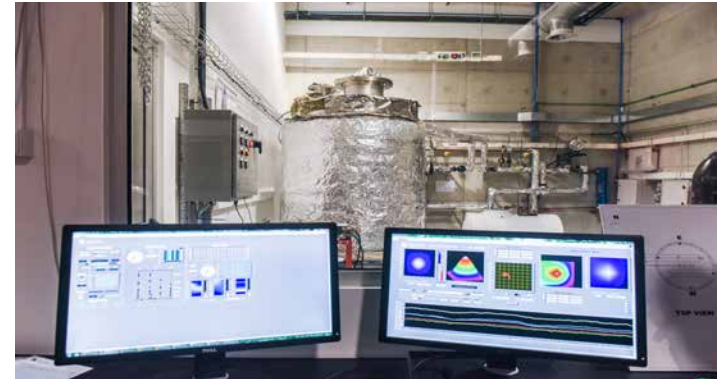
Mission Statement:

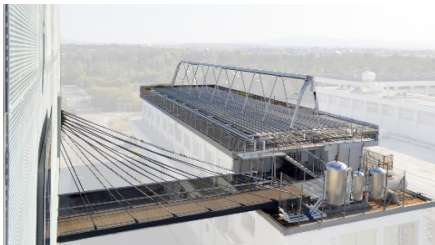
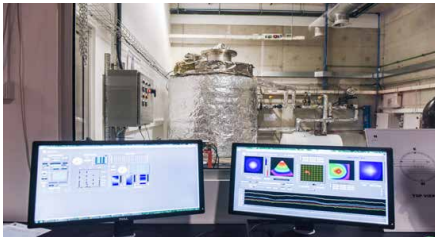
Cyl pursues an extensive research agenda, addressing energy, environment and water issues and their interconnections. Its mission is both local but also regional (EMME) a region endowed with an excellent solar potential.

Its activities in solar energy are principally focused in Solar Thermal Energy [Concentrated Solar Power, including storage and desalination] and energy conservation (built environment).

SHIP Competences:

- Solar driven steam generation
- Thermal storage
- Technoeconomic Modeling
- Solar thermal MED
- Hybridisation of Process heat
- Education and training





SHIP Research Infrastructure:

- PROTEAS (Platform for Research, Observation, and Technological Applications in Solar Energy)
- Thermal Energy Storage Laboratory (TESLA)
- Solar Energy Desalination Laboratory
- Linear Fresnel system [for Built Environment]

Participation in INSHIP:

Work package involvement:

WP4, WP5, WP6, **WP7**, WP8

Person months (national + EC):

88 + 44

Objectives:

WP4 - Task 4.4: High-concentration optics for high-temperature solar reactors.
Cyl will contribute with its expertise in point-focusing CSP plant which includes a secondary non-imaging concentrator.

WP5 –Task 5.2 : Emerging process technologies.
Cyl will share its expertise on solar technologies hybridisation (e.g. Fresnel and PV)

WP6 – Tasks 6.1 & 6.2: Mapping RTD & Exchange of staff.

Cyl is involved in many SHP-related networking projects, including NESTER (TWINNING), the networking activities under EU-SOLARIS, STS-MED and STAGE-STE.

WP7 – Integration of EU resources and Dissemination - Cyl lead beneficiary;
(SLIDE 7 & 8)

WP8 – Advanced Networking Activities - all tasks:

Cyl is involved in many SHP-related networking projects, including NESTER (TWINNING), the networking activities under EU-SOLARIS, STS-MED and STAGE-STE including networking with industry.