



INSHIP

EUROPEAN COMMON
RESEARCH AND INNOVATION AGENDA



Horizon 2020
European Union funding
for Research & Innovation



CRES

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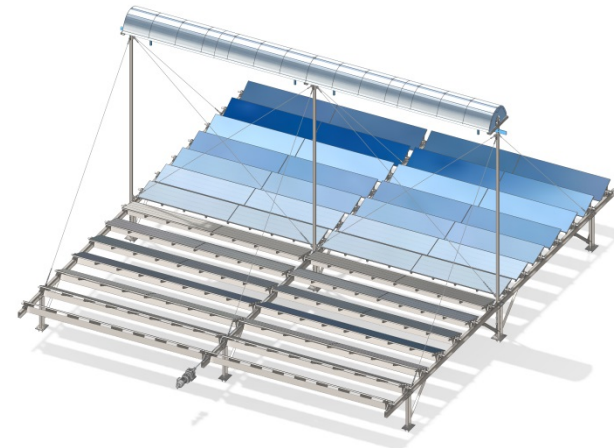
Mission Statement:

CRES is the national coordination center of Greece on renewable energy and energy saving technologies, and the official Greek government consultant in national policy, strategy and planning. In addition, CRES carries out applied research and works as promoter, organizer and advisor on all aspects of planning and implementation of renewable energies.

CRES Solar Thermal Department has accumulated valuable experience over a long period of time in all aspects of technology development and exploitation of the solar thermal technologies. The main activities include applied research in both system and product level, system engineering, training, promotional and dissemination activities.

SHIP Competences:

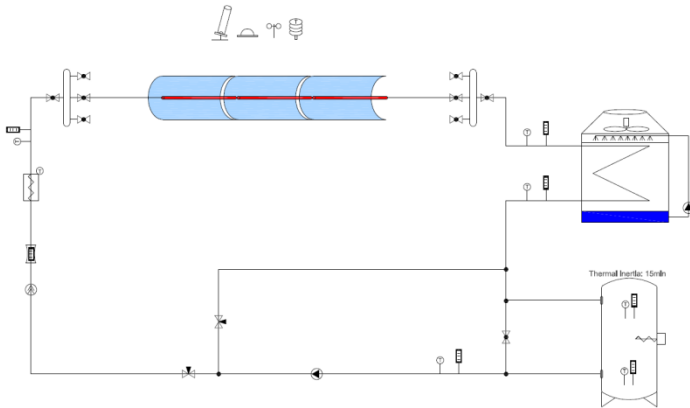
- Energy studies
- System planning / engineering
- Simulation and optimization of solar collectors
- Simulation and optimization of solar systems





SHIP Research Infrastructure

- Solar simulations software
- Monitoring equipment
- Laboratory equipment for thermal and optical properties
- Energy bus with portable equipment for energy audits in industries
- Test facilities for stationary and concentrating solar collectors up to 150°C and 300°C (under development)





Participation in INSHIP:

Work package involvement:

WPs: 2, 3, 5, 6, 7, 8

Person months (national + EC):

85

Objectives:

- Involvement in R&D WPs for low (WP2) and medium temperature (WP3) and system level (WP5)
- Task leader in T3.2 – Balance of Plant Concepts (150-400°C)
- Involvement in Coordination of National Research efforts (WP6, 7, 8)