



**BUILD
ON
ORIGINAL
SOLAR
TECHNOLOGIES**

CSP

BOOST

COMPAGNY PROFILE

- Consulting & Expertise
- Engineering • HT testing • Simulation
- Valorization support to R&D activities

SEE MORE ON WWW.CSPBOOST.FR



CONCENTRATED SOLAR POWER FOR INDUSTRY ?

A **BRIGHT OPENING ON SUSTAINABLE TOMORROW !**



Solar Concentrated Power (CSP) is worldwide recognized by the heavy heat-user industries and energy producers for its strong potential of solar energy exploitation. Its capacity **to reach temperature up to 3000°C in a ecologically clean way** for various applications is one of the key points of the zero carbon industrial production and acceleration of the carbon neutrality.



Drawing on the international long-term work experience and professional network in the CSP field, CSP-Boost addresses these specific needs for the use of CSP to produce heat, electricity, synthetic fuels, materials and fresh water as well as to qualify processes and materials at high temperature (HT). **CSP-Boost offers a wide range of scientific and technical solutions to face the global energy challenges** of the CO₂ emissions reducing and renewable energy transition using CSP technology.



ABOUT CSP-BOOST

A START-UP FOR THE WORLD ENERGY TRANSITION



CO₂

Founded in 2022, CSP-Boost is a French engineering company offering its **expertise in the development, commercialization and valorization of the industrial applications of CSP** aiming at reducing the fossil energy dependency of industries and accompanying them in the **global decarbonization strategy's** path.

The **industrial applications fields** of CSP are numerous:



Heating / cooling
production



Electricity
production



Thermal
storage



Metal and minerals
production



Renewable fuels
production



Industrial equipment
and prototypes



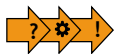
CSP-BOOST OFFER

R&D&I TECHNICAL SERVICES



In close collaboration with the French research laboratory CNRS-PROMES (Processes, Materials and Solar Energy) internationally known for its advanced research in the CSP field, CSP-Boost provides client-oriented services in CSP, **from consulting & expertise to high temperature testing and engineering support to the R&D activities**, on the regular flexible basis adapted to the industrial needs.

CSP-Boost provides its competences in:



- Consulting & Expertise

[→ see more](#)



- Engineering services

[→ see more](#)



- High temperature testing

[→ see more](#)



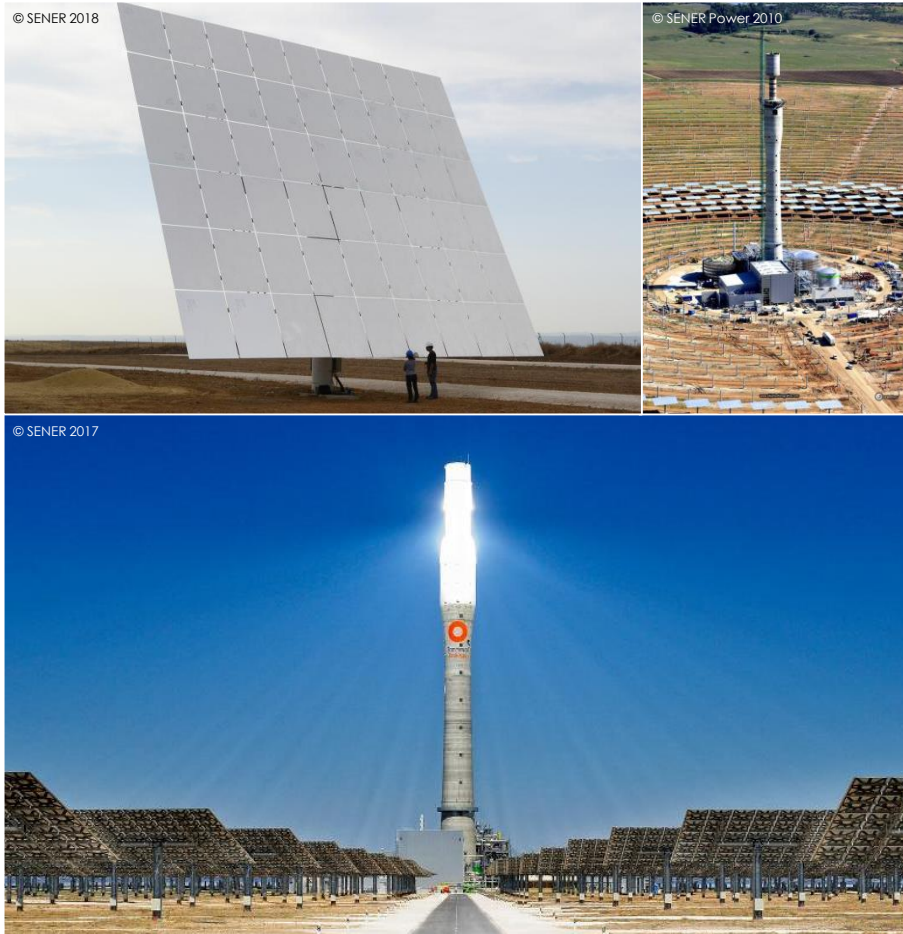
- Simulation of CSP systems

[→ see more](#)

CONTACT US

SCIENTIFIC AND TECHNICAL SERVICES

ADDRESSABLE APPLICATION FIELDS



Top left: Heliostat at Gemasolar concentrated solar power plant with a molten salt heat storage system in Sevilla, Spain. © SENER 2018
Top right: Gemasolar 19.9 MW small scale CSP plant under construction in 2010 in Sevilla, Spain. © SENER Power 2018
Bottom centre: Gemasolar CSP plant in operation. © SENER Power 2017

SCIENTIFIC AND TECHNICAL SERVICES

ADDRESSABLE APPLICATION FIELDS



© Abengoa 2016

© Evgeny KATZ

© Cyril FRESILLON - CNRS

Top left: Khi Solar One Concentrated Solar Power plant in Upington, South Africa. © Abengoa 2016

Top right: Concentrated Solar Power tower in Ashdod, Israel. © Evgeny KATZ 2020

Bottom centre: Research laboratory CNRS-PROMES (Processes, Materials and Solar Energy). © Cyril FRESILLON - CNRS



CSP-BOOST OFFER

R&D&I PROJECT VALORIZATION SERVICES



CSP-Boost also offers **project-based research valorization services to detect, manage, disseminate and exploit the innovative results of the collaborative research projects**. The aim is to increase its impact on the societal and ecological challenges and promote the prosperous incentives for the research-industry collaboration.

CSP-Boost provides its expertise in :



- Consulting on EU R&I funding programmes

[→ see more](#)



- Project Development, Regional & EU

[→ see more](#)



- European Project Management

[→ see more](#)



- Dissemination, Exploitation & Communication

[→ see more](#)

CONTACT US



COMPETITIVE ADVANTAGES OF CSP-BOOST

ADAPTING SCIENCE TO THE INDUSTRIAL R&D NEEDS





TEAM IN CHARGE OF YOUR PROJECT



Benjamin GRANGE

CEO & Co-founder

- Research engineer specialized in scientific & technical services
- 13 years of work experience in Concentrated Solar Power (CSP) R&D projects



Anastasiya BADZIAKA

CE & Co-founder



- EU funding consultant in charge of research valorization services
- +5-year experience in EU R&I funding programmes



CSP

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