



**CST4ALL**

Support to the Activities of the Concentrated Solar Thermal Technology Area of the SET Plan



## CST4ALL Industry Workshop on the hybridisation of Concentrated Solar Thermal Technologies (CST) with heat pumps

<b>Date</b>	<b>29 October 2024</b>
<b>Time</b>	<b>10:00 – 13:00 CET</b>
<b>Online event</b>	<b>Microsoft Teams</b>
<b>Registration link</b>	Available <a href="#">here</a>

### Agenda

- 10:00 Welcome and introduction to CST4ALL project and webinar objectives**  
Konstantinos Genikomsakis – *European Solar Thermal Electricity Association (ESTELA)*  
Yelda Erden Topal – *Middle East Technical University (METU)*
- 10:10 Message from the European Commission**  
Philippe Schild – *DG for Research and Innovation, European Commission*
- 10:15 Keynote presentations on hybridisation possibilities of CST and heat pumps**  
Yuvaraj Sathiyadev Pandian – *Solarlite CSP Technology GmbH*  
Miguel Ramirez – *Netherlands Organisation for Applied Scientific Research (TNO)*  
Pankaj Kumar – *United Nations Industrial Development Organization (UNIDO)*  
**Q&A**
- 11:15 Live poll**
- 11:20 Break**
- 11:30 Round table: Industrial maturity of technologies, bankability of projects, regional specific conditions, necessary skills, market potential, manufacturing facilities in Europe and expected R&I contributions**  
Moderator:  
Maurizio Pieve – *Italian National Agency for New Technologies, Energy and Sustainable Economic Development (ENEA)*  
Participants:  
Yuvaraj Sathiyadev Pandian – *Solarlite CSP Technology GmbH*



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the European Union**

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Diego Caro Pegalajar – *ACCIONA Industrial*  
María Luisa Revilla Trujillo – *Centre for the Development of Industrial Technology (CDTI)*  
Cordin Arpagaus – *OST Eastern Switzerland University of Applied Sciences*  
Miguel Ramirez – *Netherlands Organisation for Applied Scientific Research (TNO)*  
Andrej Misec – *Association of European Renewable Energy Research Centers (EUREC)*  
Paul Kenny – *European Heat Pump Association (EHPA)*

**12:50 Wrap-up and conclusions**

Peter Heller – *German Aerospace Center (DLR)*

**13:00 End of workshop**



This CST4ALL project event is organised with the support of the European Technology and Innovation Platform on Renewable Heating & Cooling (RHC-ETIP).

**CST4ALL Coordinator**



**DLR**  
**Deutsches Zentrum  
für Luft- und Raumfahrt e.V.**  
in der Helmholtz-Gemeinschaft

DLR: Deutsches Zentrum fuer Luft - Und Raumfahrt EV (DE)

**CST4ALL Partners**



CIEMAT: Centro de Investigaciones Energeticas, Medioambientales y Tecnologicas (ES)



ENEA: Agenzia nazionale per le nuove tecnologie, l'energia e lo sviluppo economico sostenibile (IT)



ESTELA: European Solar Thermal Electricity Association (BE)



GUNAM: Center for Solar Energy Research and Applications (TR)



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