



“Exchange of Experiences” Webinar

**Insights, outcomes and results
from transnational projects
supported under
SOLAR-ERA.NET**

Wednesday, 6 October 2021
9:15 – 13:00 CET

DRAFT PROGRAMME

vs20210909

1. Introduction

16 research and innovation projects have been supported under the umbrella of SOLAR-ERA.NET within the co-funded joint call launched in 2016 / 2017. The webinar presents the unique opportunity to share the outcomes, results and experiences from these highly innovative, transnational projects with the project participants and interested stakeholders from industry, research and policy.

The goals of this webinar are:

- To exchange and highlight results and benefits
- To learn about noteworthy dissemination & exploitation activities realised / foreseen
- To share experience and to identify critical / success factors for transnational projects in the ERA-NET (Cofund) scheme and future joint calls (added value, suggestions for improvements, etc.)

Target audience:

- Participants in transnational SOLAR-ERA.NET projects
- Representatives from SOLAR-ERA.NET funding agencies
- Persons and organisations from industry and research interested in transnational project collaboration in the area of solar power technologies

2. Programme

The **webinar** is composed of two plenary sessions and three parallel thematic workshops.

09:15 – 09:45	Plenary session: Introduction, instructions and insights		
09:45 – 12:00	Parallel thematic workshops		
	Workshop I: Innovative and low-cost PV manufacturing issues	Workshop II: Advanced PV products and applications	Workshop III: PV system integration + CSP cost reduction and system integration
12:00 – 13:00	Plenary session: Presentation and discussion of outcomes and issues identified Conclusions and next opportunities for transnational project ideas and consortia (including SOLAR-ERA.NET Cofund 2 Joint Call 2021)		

Each **parallel thematic workshop** is moderated by experts, introducing to the workshop and summarising its outcomes. The transnational project is presented by the project coordinator and / or other project participants during 15 minutes.

Thematic workshop I: Innovative and low-cost PV manufacturing issues

PEarl	PERC meets self-aligned selective emitter technologies based on inkjet printing and silver less plating
NEXT-FOIL	Next generation conductive solar foil for flexible photovoltaics
HEAVENLY	High-efficiency PERT and IBC cell development focussing on paste and CVD optimization for longterm stability
ENMESH	ENabling Micro-ConcEntrator PhotovoltaicS with Novel Interconnection Methods
RHINO	RHINO: Realization of High efficiency Industrial N-type sOlar cells

Thematic workshop II: Advanced PV products and applications

PANELPV	Sandwich panels with integrated PV with freedom of size and color.
MASTERPV	Innovative manufacturing solutions for cost-efficient semitransparent BIPV
BI-FACE	High-efficiency bifacial PV modules and systems for flat roof applications
Cover Power	Smart glass coatings for innovative BiPV solutions
CEFRABID	Clean energy from road acoustic barriers infrastructure development
NELL	Novel encapsulant for long lifetime high voltage PID-resistant PV modules

Thematic workshop III: PV system integration + CSP cost reduction and system integration

Erigenia	Enabling rising penetration and added value of photovoltaic generation by implementation of advanced storage systems
1500-SiC	Develop a new photovoltaic inverter with SiC for full power operation at 1500 V
Hyconsys	Hydrogen control in solar thermal parabolic trough heat transfer fluid systems
PVtool	Development of tools for effective control of large PV power plants
PROGNOSIS	Intra-hour prediction of solar electricity generation from photovoltaics

3. Organisation and registration

For any required information regarding organisation of the webinar please get in touch with Julio Marchamalo and Irene Carlos through the following email: era-energia@aei.gob.es.

Please register to the webinar via the following: [Registration link](#).

Acknowledgement

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