

« Exchange of Experiences » - Webinar

Insights, outcomes and results from transnational projects supported under SOLAR-ERA.NET – 6 October 2021



SOLAR-ERA.NET Conclusions and Next Opportunities

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Large differences in reporting requirements / availability of contracts from funding agencies.

Partners from PV manufacturing would be really appreciated.

Three application steps: preproposal – full proposal – national proposal.

Intercultural exchange – mix of different mindsets enables innovative solutions.

Consolidation for development of industry driven research lines.



Mutual support throughout the project ... a follow-up is therefore possible.

Direct contacts gathering all participants are of viable necessity (higher than contract records).

Universities could learn common practises in the PV industry from the industrial partner.

Keep SOLAR-ERA.NET alive!

Enables «low-threshold» accessible funding for European research consortia, especially SME, by using proving national funding schemes.

Lessons learned

- Challenges and opportunities for many new innovations
- Industrial implementation remains a challenge
- How to close the gap between R&D excellence and (mass) manufacturing
- Flexibility is required at all levels, in particular in the present context
- Speed is critical – not trivial for transnational projects
- At today's level of solar power cost, a broader set of issues becomes important
 - the role of technology versus cost, design, socio-economics, etc.
 - the challenge of sustainability (in all dimensions)
 - PV going everywhere / CSP with high priority areas
 - the impact of digitalization
 - the integration in the energy system

Opportunities for the solar sector

- Solar power strongly gaining momentum (worldwide and in Europe), especially PV
- Europe's strength in R&D, creativity, innovation and system approach
- Bringing manufacturing back to Europe ?
- Various national und EU Recovery Plans
- Growing investments along the value chain
- Experience and tools for international cooperation

Next opportunities - PV

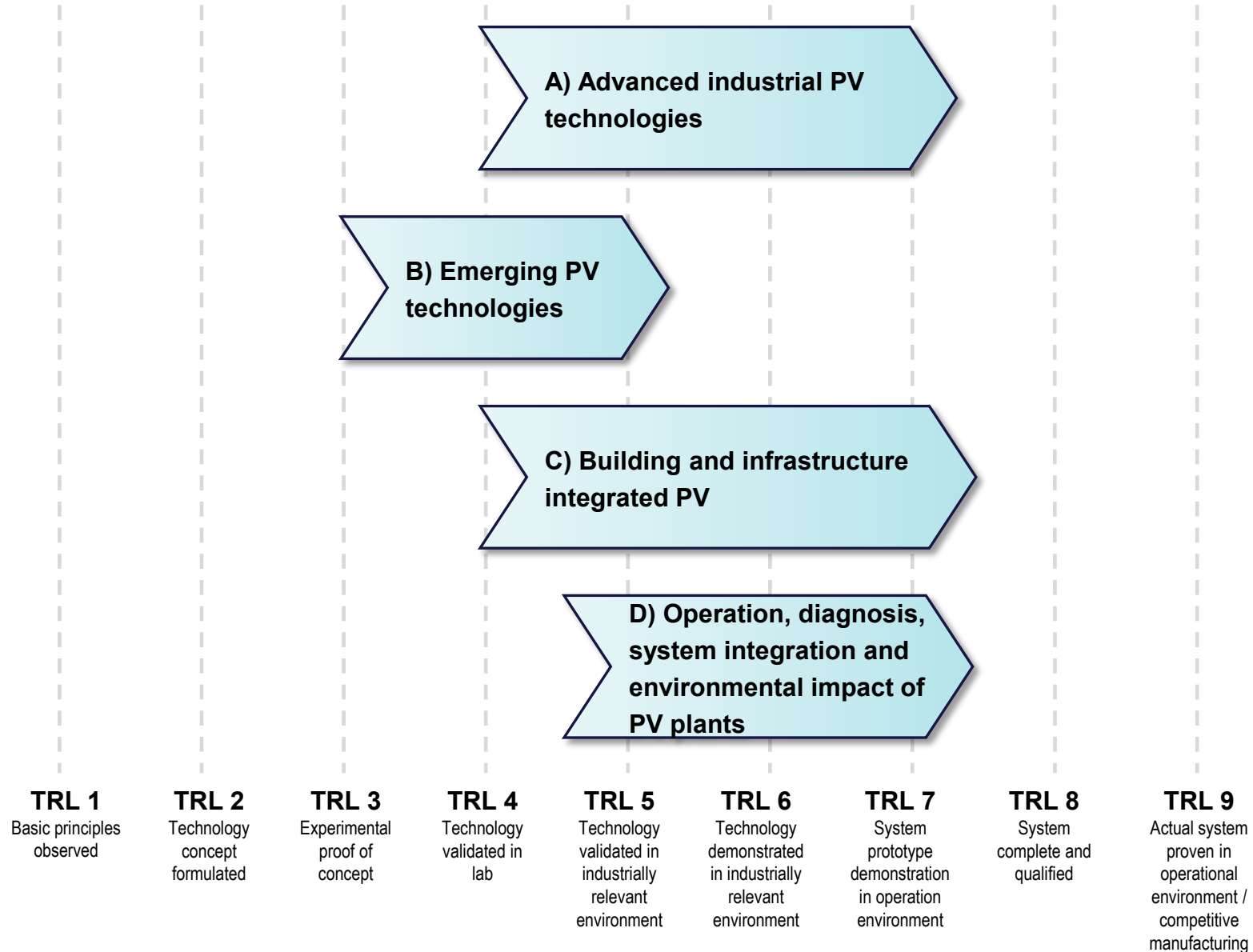
- Launch of 8th SOLAR-ERA.NET Joint Call 2021 today with participation from
 - Austria (KLIEN / FFG)
 - Belgium - Flanders (VLAIO)
 - Israel (MoE)
 - The Netherlands (RVO)
 - Switzerland (SFOE)
 - Turkey (Tübitak)
- Pre-proposals to be submitted by 10 December 2021 (ESS opens 3 Nov 2021)
- Guidelines available on solar-era.net
- Check with your national contact point to explore your project ideas

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Topics



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SOLAR-ERA.NET Member Area

About SOLAR-ERA.NET Joint Calls Publications & Documents News & Events Projects & Results Contact & Links

About SOLAR-ERA.NET

SOLAR-ERA.NET is a network bringing together more than 20 RTD and innovation programmes in the field of solar electricity technologies in the European Research Area. The network of national and regional funding organisations has been established in order to increase transnational cooperation between RTD and innovation programmes and to contribute to achieving the objectives of the European Strategic Energy Technology Plan (SET-Plan) through dedicated transnational activities.

[Read more](#)

Joint Calls

Launching Joint Calls covering topics in photovoltaics (PV) and concentrating solar power (CSP) is the key activity of SOLAR-ERA.NET. Innovative project proposals are sought on transnational level between different European countries strengthening the competitive position of the European solar power industry.

[Read more](#)

Latest News

SOLAR-ERA.NET launched its **8th Joint Call** on 6 October 2021. Innovative RTD projects in the PV field can be submitted by 10 December 2021. The following funding agencies and countries participate in this Joint Call: KLIEN / FFG from Austria, VLAIO from Belgium-Flanders, MoE from Israel, RVO from the Netherlands, SFOE from Switzerland and Tübitak from Turkey. Further information is available on the solar-era.net website in the Joint Call section and with your national / regional contact points listed in the [Guidelines for Proposers](#).

[Read more](#)

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Next opportunities - CSP

- Launch of CSP ERANET additional call on 1 October 2021 with participation from
 - Germany (PtJ) and NRW (ETN)
 - Israel (MoE)
 - Spain (AEI / CDTI / EAE)
 - Switzerland (SFOE)
 - Turkey (Tübitak)
- Pre-proposals to be submitted by 3 December 2021
- Guidelines available on csp-eranet.eu
- Join the webinar on 21 October 2021

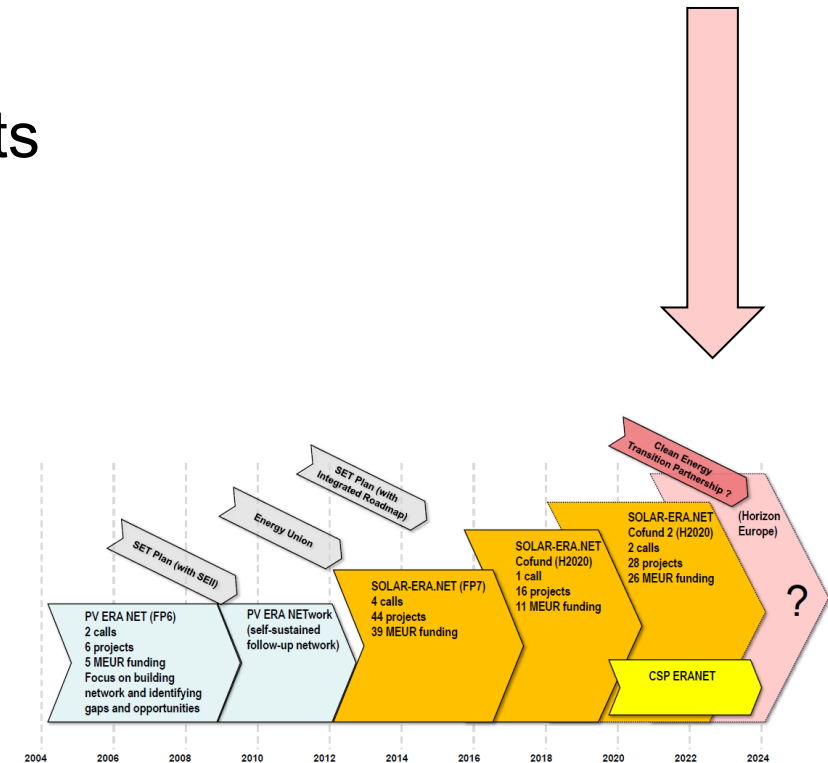
Topics

- 1 Advanced linear Fresnel technology
- 2 Parabolic trough with molten salt
- 3 Parabolic trough with silicon oil
- 4 Open volumetric air receiver
- 5 Improved central receiver molten salt technology
- 6 Next generation of central receiver power plants
- 7 Multi-tower beam down system
- 8 Advanced TES (Thermal Energy Storage)

Looking ahead

Clean Energy Transition Partnership (in preparation)

- EC support mainly for co-funding transnational projects
- More agencies and thematically larger
- Challenges oriented based on 7 “transition initiatives”, e.g.
 - TRI2: Enhanced zero emission power technologies
 - TRI7: Integration in the built environment
- First set of calls eventually late 2022 / early 2023



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Thank you very much for your participation !



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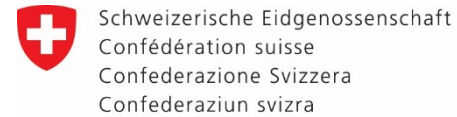
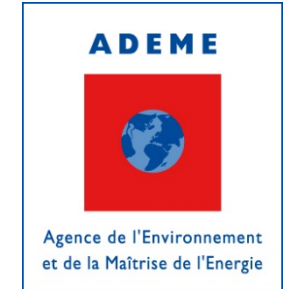
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Thanks to all partners in the SOLAR-ERA.NET Consortium and the European Commission



Innovate UK



Swiss Federal Office of Energy SFOE



Netherlands Enterprise Agency

