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SOLAR-ERA.NET launches its second set of transnational calls in the field of solar power generation

2014-01-15 – Launch of Second Set of Transnational Calls

SOLAR-ERA.NET has launched its second set of Transnational Calls PV2 and CSP2. 17 countries and regions participate with their RTD and innovation programmes in these calls. The total public funding budget for both calls is 12 million euros, covering topics in photovoltaics (PV) and concentrating solar power (CSP). Innovative project proposals - are sought on transnational level between different European countries strengthening the competitive position of the European solar power industry. Preproposals must be submitted not later than 30th of April 2014

The following topics are part of the second set of transnational calls:

SOLAR-ERA.NET transnational call PV2:

- PV2.1 Innovative processes for inorganic thin-film cells & modules
- PV2.2 Dedicated modules for BIPV design and manufacturing
- PV2.3 Grid integration and large-scale deployment of PV
- PV2.4 High-efficiency PV modules based on next generation c-Si solar cells
- PV2.5 Solar glass and encapsulation materials
- PV2.6 Concentrator PV technology
- PV2.7 Si feedstock, crystallization and wafering

SOLAR-ERA.NET transnational call CSP2:

- CSP2.1 Cost reduction and efficiency increase in components
- CSP2.2 Dispatchability through storage and hybridisation
- CSP2.3 New fluids for CSP plants
- CSP2.4 Innovative thermodynamic cycles

What is SOLAR-ERA.NET?

SOLAR-ERA.NET is a FP7 funded European network of national and regional funding organisations and RTD and innovation programmes in the field of solar electricity generation, i.e. photovoltaics (PV) and concentrating solar power (CSP) / solar thermal electricity (STE).

SOLAR-ERA.NET shall contribute to reaching the objectives of the Solar Europe Industry Initiative (SEII) by carrying out the coordination and support actions for the implementation of the SEII between national and regional RTD and innovation programmes.

The SEII is embedded in the European Strategic Energy Technology Plan (SET-Plan) which aims to increase, coordinate and focus EU support on key low-carbon energy technologies in order to achieve Europe's 2020 energy objectives in the future. The SEII is a joint initiative of the industry sector, EC and member states. The objective of the SEII is to boost the development of the PV and CSP sector beyond "business-as-usual" in the areas of Research and Development, Demonstration and Deployment. For the concerned solar electricity technologies Implementation Plans have been developed setting out priorities for RTD in Europe.

The goal of SOLAR-ERA.NET is to undertake joint strategic planning, programming and activities for RTD and innovation in the area of solar electricity generation. Joint activities, namely joint calls, are defined for key topics and priorities in accordance with the Solar Europe Industry Initiative (SEII). These transnational calls are part of these activities.

More information on the call and network: www.solar-era.net / info (at) solar-era.net

Annex: Matrix of countries / regions and eligible topics

Table 1: Eligible topics and RTD activities per funding organisation participating in SOLAR-ERA.NET transnational call PV2 highlighted in orange.

Country / Region	Organisation	Topic PV2.1 Innovative processes for inorganic thin-film cells & modules	Topic PV2.2 Dedicated modules for BIPV design and manufacturing	Topic PV2.3 Grid integration & large-scale deployment of PV	Topic PV2.4 High-efficiency PV modules based on next generation c-Si solar cells	Topic PV2.5 Solar glass and encapsulation materials	Topic PV2.6 Concentrator PV technology	Topic PV2.7 Si feedstock, crystallisation and wafering
Austria	FFG	I+E	I+E	I+E	I+E	I+E	I+E	I+E
Belgium-Flanders	IWT	I	I	I	I	I	I	I
Belgium-Wallonia	SPW	I	I	I	I	I	I	
Cyprus	RPF	I+E	I+E	I+E	I+E	I+E	I+E	I+E
Denmark	energinet.dk		I + E	I + E				
Finland	TEKES	I+E	I+E	I+E	I+E	I+E	I+E	I+E
France	ADEME	I+E+F	I+E+F		I+E+F	I+E+F	I+E+F	I+E+F
Germany	PtJ	I+E	I+E	I+E	I+E	I+E	I+E	I+E
Germany-NRW	ETN	E	I	F+I	F	I		
Israel	MNIEW-SC	I+E	I+E	I+E	I+E	I+E	I+E	I+E
Netherlands, the	NL Agency	I+E (+F)	I+E (+F)	I+E (+F)	I+E (+F)	I+E (+F)	I+E (+F)	I+E (+F)
Poland	NCBR	I+E+F	I+E+F	I+E+F	I+E+F	I+E+F	I+E+F	I+E+F
Spain	MINECO	I+E+F	I+E+F	I+E+F	I+E+F	I+E+F	I+E+F	I+E+F
Sweden	SWEA	I+E+F	I+E+F	I+E+F	I+E+F	I+E+F	I+E+F	I+E+F
Switzerland	SFOE	I+E	I+E	I+E	I+E	I+E	I+E	I+E
Turkey	Tübitak	I+E	I+E	I+E	I+E	I+E	I+E	I+E
UK	TSB	I+E	I+E	I+E	I+E	I+E	I+E	I+E

Table 2: Eligible topics and RTD activities per funding organisation participating in SOLAR-ERA.NET transnational call CSP2 highlighted in orange.

Country / Region	Organisation	Topic CSP2.1 Cost reduction and efficiency increase in components	Topic CSP2.2 Dispatchability through storage and hybridisation	Topic CSP2.3 New fluids for CSP plants	Topic CSP2.4 Innovative thermodynamic cycles
Austria	FFG	I+E	I+E	I+E	I+E
Belgium-Wallonia	SPW	I	I		I
Cyprus	RPF	I+E	I+E	I+E	I+E
France	ADEME	I+E+F	I+E+F	I+E+F	
Germany	PtJ	I+E	I+E	I+E	
Germany-NRW	ETN	E	I+F	F	
Israel	MNIEW-SC	I+E	I+E	I+E	I+E
Poland	NCBR	I+E+F	I+E+F	I+E+F	I+E+F
Spain	MINECO	I+E+F	I+E+F	I+E+F	
Sweden	SWEA	I+E+F	I+E+F	I+E+F	I+E+F
Switzerland	SFOE	I+E	I+E	I+E	I+E
Turkey	Tübitak	I+E	I+E	I+E	I+E

I = Industrial / applied research; E = Experimental development; F = Fundamental / basic research