

European Network of National and Regional Research and Innovation Programmes – Recent Developments of Joint Transnational Calls

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Network and mission

SOLAR-ERA.NET is a European network of national and regional funding organisations in the field of solar electricity generation, i.e. photovoltaics (PV) and solar thermal electricity (STE). SOLAR-ERA.NET brings together more than 20 RTD and innovation programmes throughout the European Research Area.

→ **The key mission is to launch joint transnational calls for innovative, industry-led research projects.**

Key figures

- 1 network
- 6 joint calls launched (preproposal phase in 6th joint call)
- 12 topics (up to 8 PV topics and 4 CSP topics)
- 17 countries and regions participating in joint calls
- 110 full proposals submitted (5 calls)
- 208 preproposals submitted (5 calls)
- 313 partners involved in projects funded (5 calls)
- 991 partners involved in preproposals (5 calls)
- **60 projects running or about to start (5 calls)**
- **75 MEUR project volume incl. 49,5 MEUR funding**

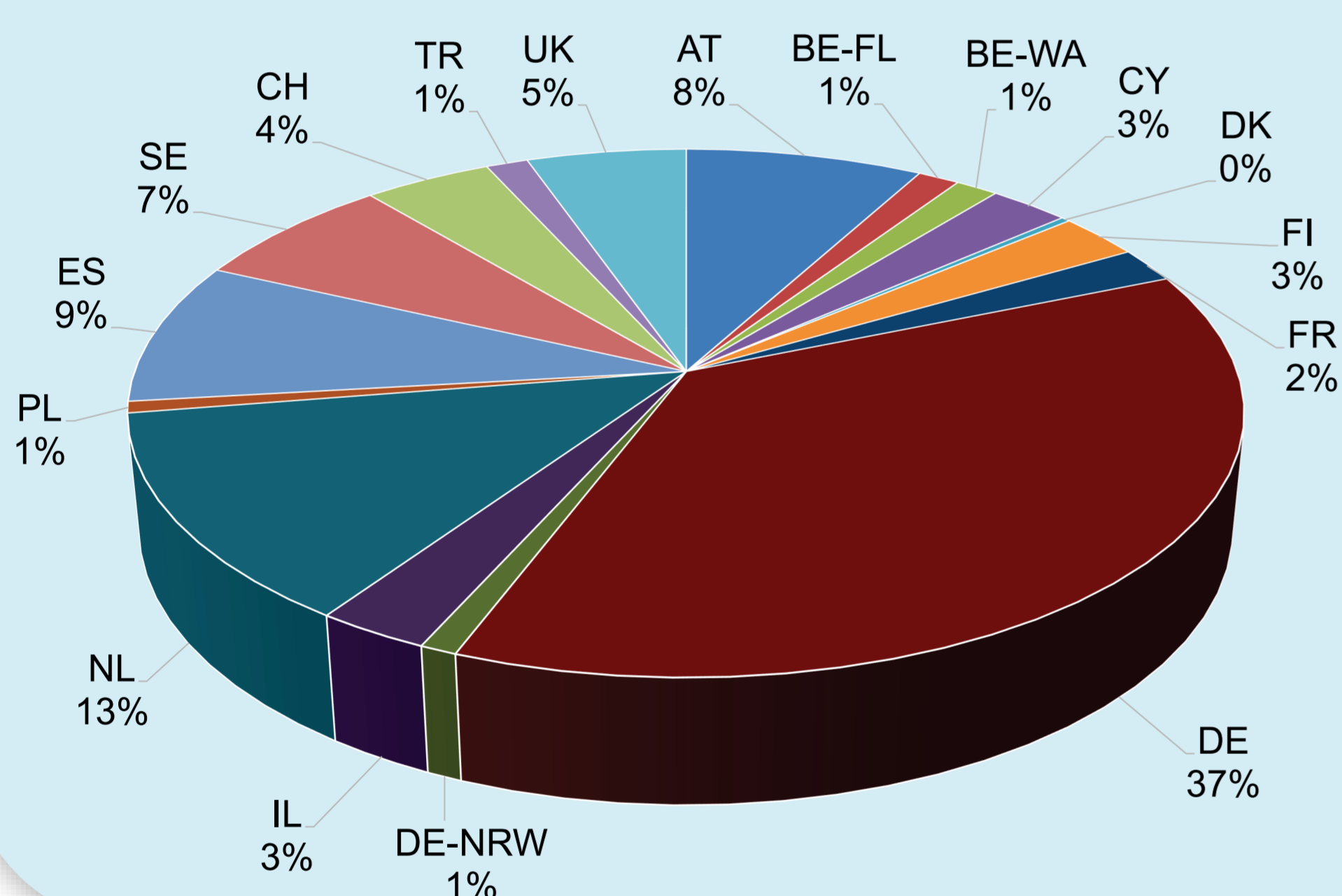
Top call topics with ≥ 10 projects funded

- High-efficiency PV modules based on next generation c-Si solar cells
- Dedicated modules for BIPV design & manufacturing
- Innovative processes for inorganic thin-film cells and modules
- System and grid integration and large-scale deployment of PV

A typical project involves

- 3 - 5 partners from 3 - 4 countries
- 1,2 MEUR project costs incl. 0,8 MEUR funding

Funding share per country / region



Added value and achievements

- Networking and collaboration between countries across Europe
- Best practice for supporting projects on the transnational level
- Overview on European research and insight into trends
- Common initiatives and implementation activities
- New industry-led innovation opportunities and partnerships in harsh and competitive environment

Next actions and opportunities

SOLAR-ERA.NET's 6th Call will close on 2nd October 2018. The next Call is planned to be launched in spring 2019. The two calls have a total funding budget of > 30 MEUR. PV topics in the 6th Call are A) Advanced industrial PV technologies, B) Emerging PV technologies, C) Building and infrastructure integrated PV, D) Operation and diagnosis of PV plants, E) CSP low cost and next generation technologies - aiming at Technology Readiness Levels of 3 to 7. More info: solar-era.net

SOLAR-ERA.NET Countries and Partners*

- NET Nowak Energy & Technology Ltd., Switzerland (coordinator)
 - Federal Department for Environment, Transports, Energy and Communication, Switzerland
 - Project Management Jülich (PTJ), Forschungszentrum Jülich (FZJ), Germany
 - Project Management Organisation Energy, Technology, Sustainability (ETN), Forschungszentrum Jülich (FZJ), Germany – North-Rhine-Westphalia
 - Ministerio de economía, industria y competitividad, Agencia estatal de investigación, Spain
 - Centro para el desarrollo tecnológico (CDTI), Spain
 - Agence nationale de la recherche (ANR), France
 - Agence de l'Environnement et de la Maîtrise de l'Energie (ADEME), France
 - Service Public de Wallonie (SPW), Belgium-Wallonia
 - Hermesfonds / Agenschap Innoveren & Ondernemen (VLAIO), Belgium-Flanders
 - Narodowe Centrum Badan i Rozwoju (NCBR), Poland
 - Rijksdienst voor Ondernemend Nederland (RVO), The Netherlands
 - Ministero dell'Istruzione, dell'Università et della Ricerca (MIUR), Italy
 - Geniki Grammatia Erevnas Kai Technologias (GSRT), Greece
 - Research Promotion Foundation (RPF), Cyprus
 - Klima- und Energiefonds, Austria
 - Österreichische Forschungsförderungsgesellschaft (FFG), Austria
 - Swedish Energy Agency, Sweden
 - Ministry of National Infrastructure, Energy and Water Resources, Israel
 - Türkiye Bilimsel ve Teknolojik Arastirma Kurumu (TUBITAK), Turkey
- * Partners involved in SOLAR-ERA.NET Cofund and Cofund 2.

