



ERA-NET Smart Grids Plus

From Local Trials Towards a European Knowledge Community

” ERA-Net Smart Grids Plus intends to promote piloting and demonstration in the field of smart grids.

ERA-Net Smart Grids Plus is an initiative of 21 European countries and regions.

The vision for Smart Grids in Europe is to create an electric power system that integrates renewable energies and enables flexible consumer and production technologies. This can help to shape an electricity grid with a high security of supply, coupled with low greenhouse gas emissions, at an affordable price. Our aim is to support the development of the technologies, market designs and customer adoptions that are necessary to reach this goal.

ERA-Net Smart Grids Plus is providing a hub for the collaboration of European member-states.

It supports the coordination of funding partners, enabling joint funding of RDD projects. Beyond that ERA-Net SG+ builds up a knowledge community, involving key demo projects and experts from all over Europe, to organise the learning between projects and programs from the local level up to the European level.



ERA-Net Smart Grids Plus is a partnership with European funding programs.

Project Duration

01.01.2015 - 30.01.2020

Project Coordinator

Austrian Ministry for Transport, Innovation and Technology, AT

Project Partners

- FFG - The Austrian Research Promotion Agency (AT)
- Swiss Federal Office of Energy and Bacher Energie AG (CH)
- SWEA - Swedish Energy Agency (SE)
- Nordic Energy Research (NO)
- B.A.U.M. Consult GmbH (DE)
- Ricerca sul Sistema Energetico - RSE S.p.A. (IT)
- CLIC Innovation Ltd. (FIN)

Project Website

www.eranet-smartgridsplus.eu

Contact

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<http://www.eranet-smartgridsplus.eu>

Main Objectives

- Expand the existing network of national/regional funding agencies by substantially increased trans-national Smart Grids funding, thereby strengthening cooperation on a European level.
- Coordinate during 2015-2019 national and regional RDD budgets of more than 30 Mio € according to the implementation of the relevant European RDD agendas.
- Enable the sharing of already existing, national and regional key demo project knowledge and results and step-up the related funds already invested in Smart Grids development.
- Organise horizontal and vertical learning bottom-up from the regional and national level towards the European level.

Main Results

In 2015, ERA-Net Smart Grids Plus launched its 1st Joint Call for transnational RDD projects on Smart Grids in partnership with funding programs from 20 European countries and regions.

Focus of the 1st Joint Call for transnational RDD projects was given to validation, scale-up and replication, and integration of Stakeholder/Adoption, Marketplace and Technology. The aim was to push solutions from Technology Readiness Levels (TRLs, see definitions in Annex C of the call text document) 5-6 to TRLs 6-7.

- 50 full project proposals from 20 regions/countries with a total project budget of EUR 104 Mio. were submitted to the call in June 2015.
- 21 projects from 19 regions/countries with a total funding of EUR 31 Mio. (total project budget of EUR 47. Mio.) were approved in December 2015.
- Funded projects will involve a total of 128 partners spread throughout Europe, 48,4 % of which are industry partners. The projects will start in 2016.
- Funded projects of the 1st Joint Call started in 2016.

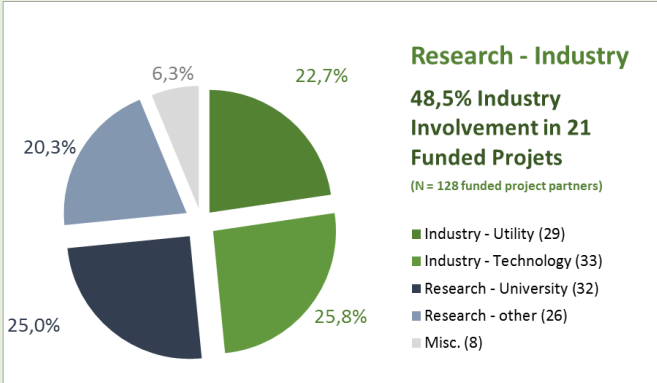


Illustration: Partner Involvement in ERA-Net SG+ First Joint Call

This project is part of the 1st Joint Call for transnational RDD projects of the ERA-Net Smart Grids Plus initiative. More than EUR 31 million of funding have been made available to 21 projects from 19 regions/countries.

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