

Smart grids in the new programming period: the role of transnational R&I networks to strengthen smart energy

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S3PEnergy: <http://s3platform.jrc.ec.europa.eu>



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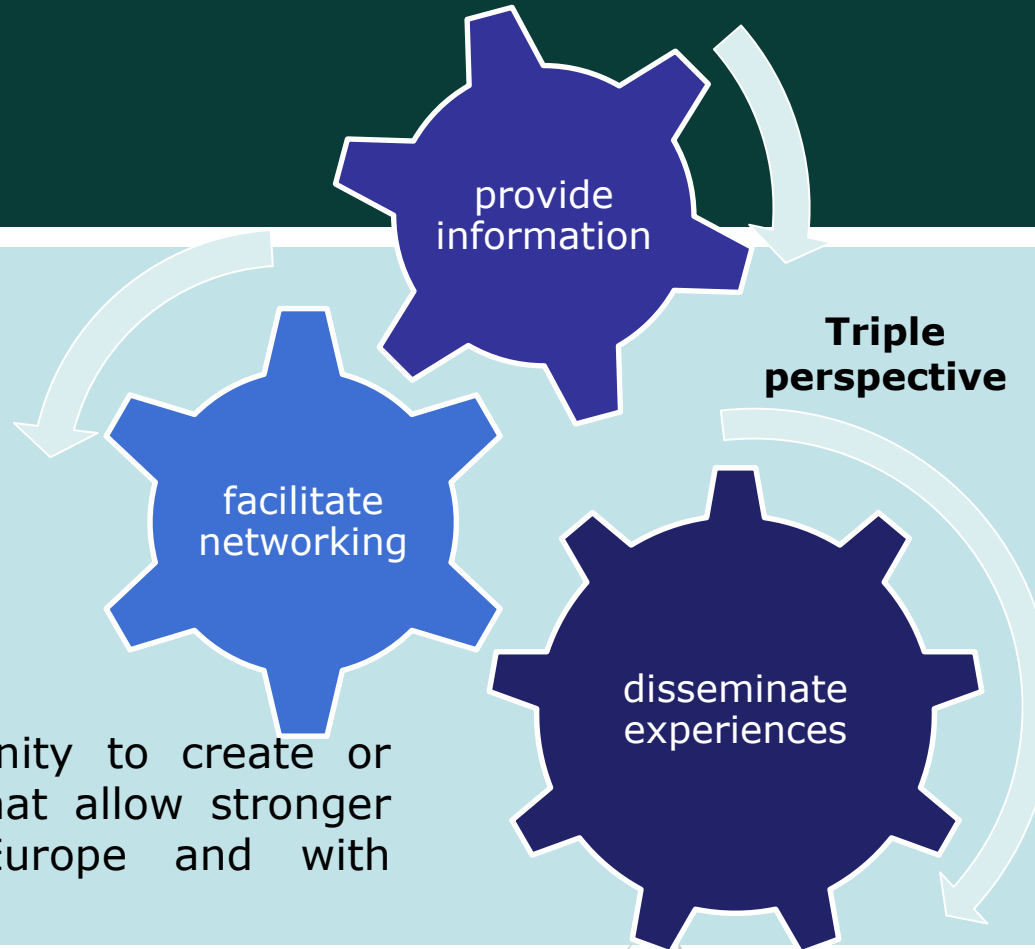
Smart grids in the new programming period: the role of transnational R&I networks to strengthen smart energy

This workshop is jointly organised by the Stairway to Excellence (S2E) project and the Smart Specialisation Platform on Energy (S3PEnergy) initiative, managed by the Joint Research Centre (JRC) of the European Commission (EC), in close cooperation with DG REGIO and DG ENER.

Main objective

→ To **support** national/regional authorities and key stakeholders across Europe in **planning and designing the allocation of their EU funds** for supporting investments in **smart grids R&I and deployment during the 2021-2027** programming period.

The workshop provided an opportunity to create or reinforce of **governance models** that allow stronger **links with other regions** in Europe and with international networks.



Specific objectives

- Showcase R&I initiatives and **relevant initiatives and projects** related to smart grids in the EU
- Connect regions with complementary **RIS3 priorities** / interests related to smart grids
- Engage the **dialogue** between public authorities responsible for Energy, RIS3 managers and other EU and non-EU actors
- Raise **awareness** on the potential of stronger collaboration between interested groups of actors (within regions and with others, multilateral **joint programming**, aligned strategies, etc.)
- Draw lessons for other areas in the frame of the Working Group “H2020 for RIS3”

Participants (i)

The relevance of smart grids and the digital transformation of the energy system in Europe is also reflected in the existence of several organisations or initiatives or projects supporting smart grids R&I and deployment, such as

- EC services (REGIO, ENER, JRC)
- <https://pantera-platform.eu> PAN European Technology Energy Research Approach
- <https://www.etip-snet.eu> ETIP Smart Networks for Energy Transition (SNET)
- <https://www.h2020-bridge.eu> BRIDGE, Cooperation group of Smart Grids and Energy Storage H2020 projects
- <https://eu-smartcities.eu> EIP-SCC, European Innovation Partnership on Smart Cities and Communities

Participants (ii)

- <https://www.edsoforsmartgrids.eu> E.DSO, European Distribution System Operators
- <https://www.interregeurope.eu/> INTERREG Europe
- <https://www.interregeurope.eu/set-up/> SET-UP Project: Smart Energy Transition to Upgrade regional Performance
- <https://www.eranet-smartenergysystems.eu/> Joint Programming Platform (JPP) ERA-Net Smart Energy Systems (ERA-Net SES)
- <https://der-lab.net/> European Distributed Energy Resources Laboratories
- <https://www.ecsel.eu/> Electronic Components and Systems for European Leadership (ECSEL)
- <http://www.eera-sg.eu/> European Energy Research Alliance (EERA) Joint Programme on Smart Grids
- <https://www.innoenergy.com/> KIC InnoEnergy

Session 1: Identification and involvement of actors to design efficient policies in SG

- How to attract the interest of the stakeholders;
- How to ensure local actors engagement thus allowing for a common understanding of policies objectives and empowering them to take an active role in the process of smarting of the system.
- How to use the S3 expertise to foster and maintain the bottom-up component inherent to the development of smart grid initiatives;
- How to carry out effective consultations throughout the whole process.

Session 2: Internationalisation as a tool for better SG development planning in the next MFF

- What are the main **weaknesses** in your country/region regarding **connectedness** with the wider EU R&I landscape **in Smart Grids** (KICs, H2020, Interreg, S3 thematic platforms, JU, ERA-Net, ETIP, etc.)?
- How to use these **networks** to design better **strategic interventions** that will create the adequate conditions required for the development of Smart Grids and its elements, and respond to the existing needs, barriers for its use?
- Do you think it will be possible for the **next programming** period to set any exchange with other regions or MS to increase the effectiveness of your policies on smart grids? Would you be interested in **developing strategic alignment**?

Session 3: Funding and support mechanisms for Smart Grids

- How to build **synergies** with other available EU funding and support instruments in the whole smart grids' value chain (from R&I to deployment), key issues for **financial** management, required capacities and existing assistance initiatives for financial engineering, etc.
- How to improve the current **internal administrative capacities** to make the most of all available EU funding possibilities and support mechanisms for smart grids?



Thank you!



More information:

<http://s3platform.jrc.ec.europa.eu>

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