Smart Specialisation Platform on Energy

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

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Rationale

European Green deal – Energy Transition – Digital transformation...

A successful integration of increased amounts of renewable energy (mostly variable), improved energy efficiency and demand side management, require smart energy systems

European Structural and Investment Funds

Policy Objective 1: A smarter Europe (innovative & smart economic transformation)
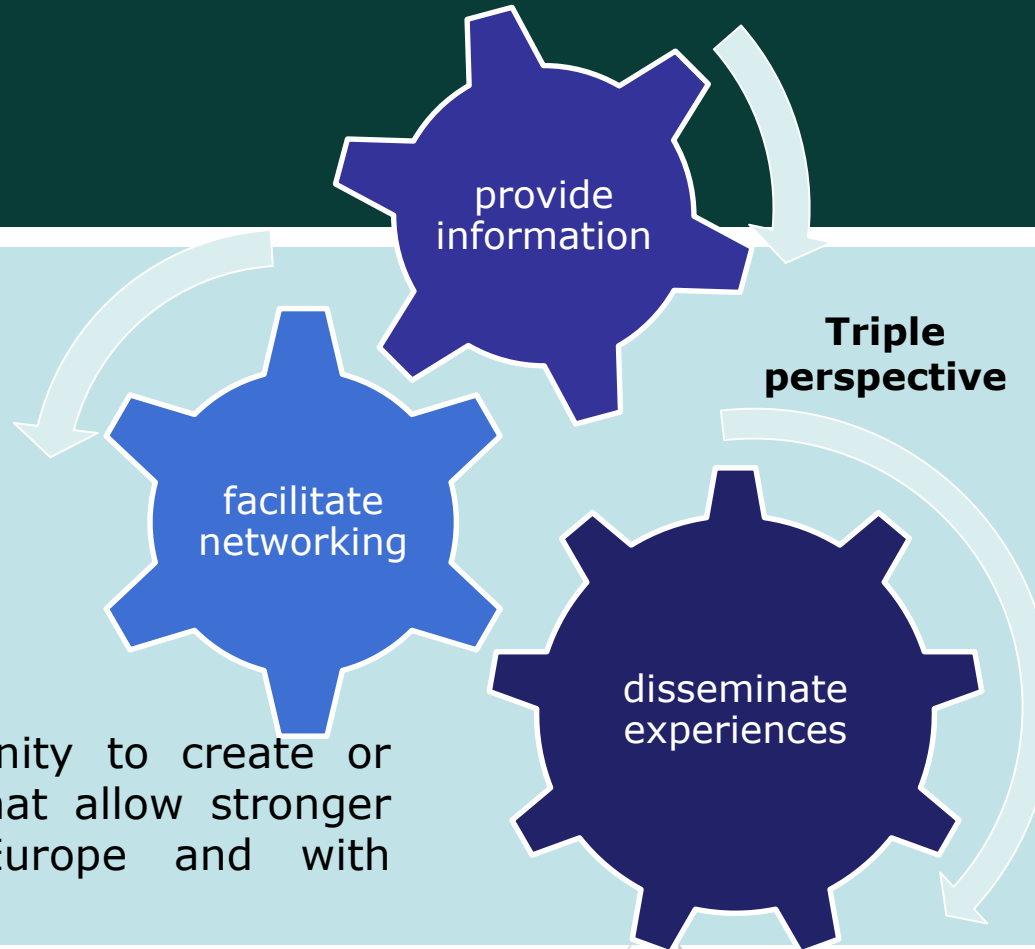
Policy Objective 2: A greener, low-carbon Europe (including energy transition, the circular economy, climate adaptation and risk management)
→ iii) developing smart energy systems, grids and storage at local level

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.

provide information

Triple perspective

facilitate networking

disseminate experiences

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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"

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Participants

From 10 countries (AT, BE, HR, CY, EE, FI, FR, DE, IT, LT, NL, PL, PT, RO, SI, ES, SE, UK) and more than 30 regions/MS.

Presentations from many EU and international initiatives:

- EC (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

- 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

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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.

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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?

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Thank you!

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More information:
http://s3platform.jrc.ec.europa.eu

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