

S3P Smart Grids partnership

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3 THEMATIC PLATFORMS DAYS

Conference and Meetings

27-28 November 2018



AGRI-FOOD



ENERGY



INDUSTRIAL
MODERNISATION

Smart Grids Partners

- Co-leaders
 - Basque Country, Spain
 - Sud Provence-Alpes-Côte d'Azur, France
- Partners
 - Algarve, Portugal
 - Brittany, France
 - Cyprus
 - East Central Sweden, Sweden
 - Ostrobothnia, Finland
 - Pomorskie, Poland
 - Puglia, Italy
 - Slovenia
- Interested Regions
 - North West Croatia, Croatia
 - Valencia, Spain
 - **Scotland, UK**
 - **Region Dalarna, Sweden**



What has happened so far?

2017

- Smart Grids Partnership **launched in autumn 2016**
- **Initial step:** learning & connecting (stating main interests, capabilities, expertise, EU initiatives and projects, etc...): 3 meetings in march, july, october
- Publication of the **Smart Grids Partnership Scoping Note** (1st version) in December 2017: definition of the mission, rationale and scope of the partnership

2018

- **Identification of four main pilot projects (leader and concept note):** Grid-level cybersecurity, Efficient use of information, RES integration, Micro-grids / Off-grids
- **Questionnaires by pilot leads** to identify capacities and needs in the different regions
- Meeting on 28 November to define **concrete collaboration ideas**

Main pilot projects

Efficient use of information

Lead: East Central Sweden

Topics of interest: grid data management, AI or data mining, analytics to increase the flexibility of the system, testing new ways to optimize the grid, fostering the adoption of solutions (via match-making, collaborative R&D, pilots/testing)

Integration of renewables & storage

Lead: SUD Provence Alpes Côte d'Azur (Capénergies)

Topics of interest: R&D, deployment and testing on integration of renewables and storage, new business models, integration of small scale renewables, batteries

Grid level Cybersecurity

Lead: Pomorskie

Topics of interest: security of the information generated by the grid, collaboration on the compliance of assets, which includes setting standards for compliance of grid components, collaborative R&D

Micro-Grids / Off-Grids

Lead: SUD Provence Alpes Côte d'Azur (CEA Tech)

Topics of interest: R&D, deployment, micro-grids in islanded mode, operation of micro-sources in the grid, development of a technical and efficient business plan

Lessons and challenges for the future

- Lessons:
 - Next step : **concrete** projects
 - Real added value of the **expert**
 - Good opportunity for an enhanced link with **regional OP /S3** and national programmes.
- Challenges:
 - Make more use of cluster ecosystems / **SMEs**
 - **Financing** tool dedicated to further inter regional collaborations



Any questions?

Stay in touch!



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