



Follow-up thematic workshops on Smart Specialisation on Energy (S3PEnergy) and interregional cooperation partnerships

Outline

On 13-14 October 2016, the S3PEnergy organised 4 parallel workshops to discuss the roadmaps on interregional cooperation along common Smart Specialisation Priorities (S3), namely: (1) marine renewable energy, (2) sustainable construction, (3) bioenergy and (4) smart-grids. These sessions have brought together stakeholders and practitioners of S3 having included energy-related priorities, as well as officials of the three European Commission services in charge of the S3PEnergy: DGs REGIO, ENER and JRC. The selection of these topics is the result of a bottom-up process where regional stakeholders have proposed topics, and decided to join efforts and cooperate around similar S3 priorities.

Main messages and conclusions

- The main objective of these interregional cooperation partnerships is the effective implementation of energy-related priorities of the regional Smart Specialisation Strategies and the efficient use of the structural funds in the field of energy.
- The three EC services engaged in this initiative will provide resources, tools and expertise to participants.
- In the 2014-2020 period, regions shall implement their S3 and priorities on energy. Interregional cooperation can facilitate this process and help to scale up the efforts made at regional level and provide a greater impact.
- RIS3 investments in general, and energy-related priorities in particular, should be a major driver of cooperation.
- Synergies with other energy-related networks, policy instruments and stakeholders are part of the cooperation but any link with other initiatives should reflect on the way it contributes to implement energy priorities of Smart Specialisation.
- The S3 Energy partnerships are expected to deliver tangible results/projects, mobilising the stakeholders over value chains.

Marine Renewable Energy

Interested **regions**: Basque Country, Andalusia, Asturias, Navarra, (ES), Scotland (UK), Brittany, Normandie (FR), Dalarna, Skåne (SE), Emilia-Romagna, Lombardia (IT), Flanders (BE), Norte (PO), Ostrobothnia (FI), Southern Denmark (DK), Sogn og Fjordane (NO).

Potential themes of reference related to **S3 energy priorities**: offshore wind energy, ocean energy (wave and tidal): manufacturing of large components; power transfer and conversion; corrosion in water; sensing, instrumentation and monitoring; O&M optimisation; testing and demonstration in real environments, among others.

Identified **links** with other initiatives: ADMA Pilot of the Vanguard Initiative; Conference of Peripheral and Maritime Regions (CPMR); regional clusters; Ocean Energy Europe; Ocean Energy Forum; OceanEra-Net; Horizon 2020 projects (e.g. ETIPWind, ETIP OCEAN); Interreg projects...

Sustainable construction

Interested **regions**: Andalusia, Navarra (ES), Norra Mellansverige y North Midsveden (SE), Lapland (FI), Gloucestershire County (UK), Gorenjska (SI), Rzeszow (PL), North-West Croatia, Jämtland Region (SE), Lithuania.

Potential themes of reference related to **S3 energy priorities**: energy rehabilitation of buildings, urban rehabilitation, productive competitiveness and innovation of companies of the construction sector, skilled employment and reduction of energy poverty, efficient use of energy, environmental protection, balanced urban development, social cohesion, quality employment through participation of the entire value chain, among others.

Identified **links** with other initiatives: ERRIN Energy Working Group; Interreg Europe project BUILD2LC...

Bioenergy

Interested **regions**: Lapland, North Karelia, South Savo, East and North Finland (FI), Castilla y Leon, Extremadura, Asturias (ES), Western Macedonia (GR), Eastern Norway (NO), North East Romania (RU) and Norrbotten, Jokkmokk (SE)

Potential themes of reference related to **S3 energy priorities**: wood flow from forest to industry, forest or non-food agricultural origin, biogas and biomass, local value chains, Improve district heating and energy efficiency through bioenergy projects in the regions, differentiate from previous food-based and first generation of biofuel initiatives, among others.

Identified **links** with other initiatives: ERRIN bioeconomy Working Group and its bioeconomy regions mapping; [JRC bioeconomy observatory](#); Vanguard Initiative on bioeconomy; Committee of the Regions and Knowledge exchange platform on bioeconomy; EU-funded projects such as Bioregions; National bioenergy region initiatives such as the German Bioenergie Regionen...

Smart Grids

Interested **regions**: Pomorskie (PO), Algarve (PT), Bretagne, Provence-Alpes-Côte d'Azur (FR), Northern Netherlands (NE), South Trans-Danubian (HU), Andalusia, Basque Country (ES), North Midsveden (SE), West Finland (FI).

Potential themes of reference related to **S3 energy priorities**: aggregation of different types of consumers and generators in local communities; quality of electricity supply monitoring; demand response and flexibility at local level; upgrade of distribution networks to use production potential of RES; technologies for automation and self-healing in MV and LV grids; knowledge transfer from research centres and industry into local communities; creation of common projects that facilitate spill-overs of technical solutions to the region and involve consumers; scale-up of existing "smart grids districts" into EU-wide companies and solution providers, among others.

Identified **links** with other initiatives: [JRC Smart Grid Observatory](#), regional clusters, Horizon 2020, Interreg projects (e.g. SET-UP)...

More information links:

www.s3platform.jrc.ec.europa.eu/s3p-energy

[Web streaming of the session](#)

[Registration to S3PEnergy community](#)

Social Networks

[#S3PEnergy](#)

Next Steps

Meeting with partnerships (co-)leaders (in November 2016, to be confirmed). Identification of participating regions in each S3 energy partnership; Definition of workplan and roles. Draft of working guidelines for the S3 Energy Partnerships by the JRC.