

# **Smart Specialisation Platform on Energy**

Interregional Seminar, BUILD2LC PROJECT Vilnius, 10 January 2017

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www.jrc.ec.europa.eu



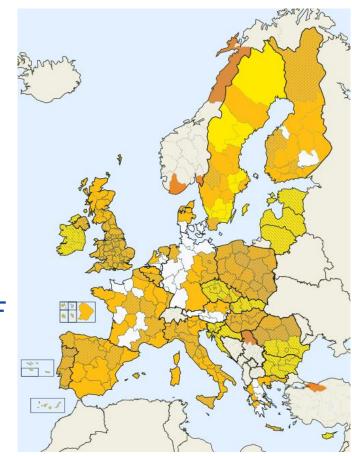
Serving society
Stimulating innovation
Supporting legislation



# **S3P-ENERGY** is deeply rooted in previous experience accumulated by the S3 Platform **since 2011**



- Wide membership:160 regions +16 countries
- Bottom-up work with regions
- RIS3 as ex ante conditionality for ERDF 2014–2020





### Why Energy?

### EU-28 energy priorities in online Eye@RIS3 tool



- Energy is the most popular priority in S3
- 2/3 of all regions have chosen an energy priority.

12 countries
100 EU regions
some both at the national
and regional level –
e.g. DE, DK, PL





# **Joint** initiative that engages DGs REGIO, ENER and Joint Research Centre

## Objectives:

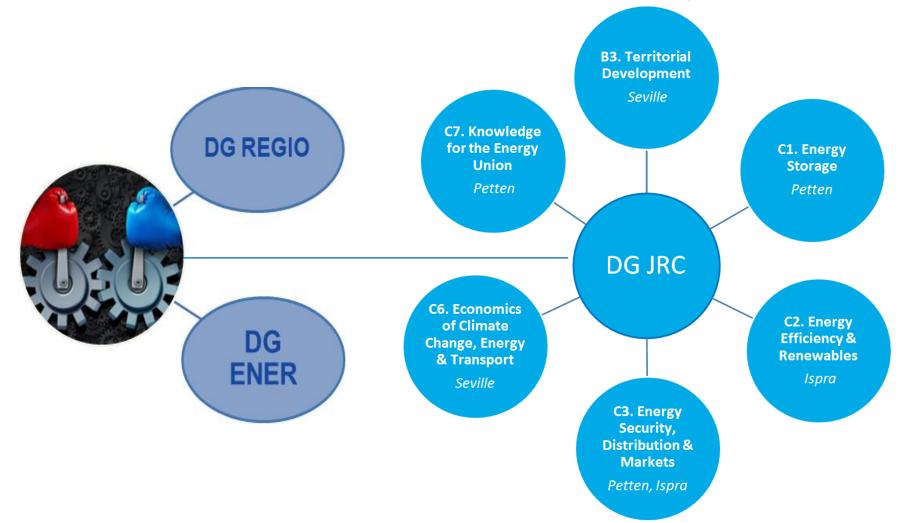
- Optimal uptake of the Cohesion Policy funds for energy.
- Support energy innovation at all levels and their alignment with EU priorities



- Bottom-up
  - approach: work with
  - regions!
  - Targeted activities



# **Partners of the S3PEnergy**





# Work packages

Policy research and implementati on advice

Mutual transnational learning arena

Information, communication n and dissemination

Specific information and analysis in support of DGs ENER & REGIO

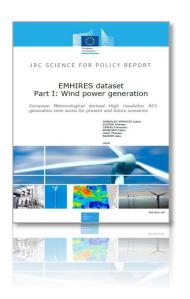




Policy research and implementation advice



Mapping regional energy interests for S3PEnergy: This policy report presents results at national and regional level concerning energy technology interest and mapping exercise across regions.



European Meteorological derived high resolution RES generation time series for present and future scenarios dataset (EMHIRES) dataset Part I: Wind power generation. This report provides information on wind energy resource at NUTS1 and NUTS2 level. This information is extremely useful to assess real wind energy potential at regional level.



Policy research and implementation advice

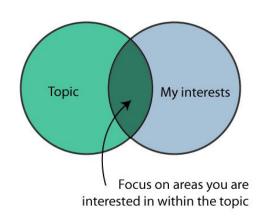
## Conference papers:



 EU Regional Benchmarking to Assess Territorial Patterns under Energy Technologies Selected in the Framework of Smart Specialisation.

## Research topics on the agenda

- Global Value Chains
- Social Innovation
- Funding schemes



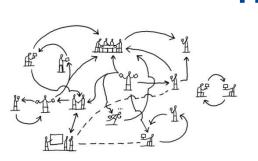




Policy research and implementation advice



**ESIF Energy Monitoring tool**: the work carried out in the framework of the ICT Monitoring tool developed within the Smart Specialisation Platform has been the reference to elaborate a more tailored tool for energy.



Mapping of capacities in energy: after a first analysis leading to determine the type of information and design of the main criteria to be included in the mapping (e.g. industrial and technological capacities), the S3PEnergy will work on the tool elaboration and visualisation of the identified information.



#### LIST OF EVENTS OF THE S3 PENERGY

| Date               | Title  | City (Country)  |
|--------------------|--|-----------------|
| 26 May 2015        | High level launching event of the S3PEnergy  | Brussels (BE)   |
| 22 April 2015      | First Smart Specialisation workshop on Fuel Cells & Hydrogen (coorganised JU-Rhone-Alpes)  | Lyon (FR)       |
| 8-9 July 2015      | 113th Plenary Session of the Committee of the Regions CoR (with Exhibition stand to explain to interested CoR Members what the S3P on energy is about).  | Brussels (BE)   |
| 8-9 October 2015   | RS3 Implementation workshop on Blue Growth and Marine Energy (with Canarias)   | Las Palmas (ES) |
| 27-30 October 2015 | Support to the EU Strategy for the Danube Region (EUSDR)   | Ulm (DE)        |
| 3 Dec 2015         | Towards a model of Sustainable Construction and Energy Efficient Buildings   | Seville (ES)    |
| 9 March 2016       | Embedding Energy Union in the Regions, co-organised with ERRIN (European Regions Research and Innovation Network)  | Brussels (BE)   |
| 06 April 2016      | Smart Specialisation (energy priorities), (back to back with $\underline{\mathcal{SE}}$ national event in Slovenia)  | Ljubljana (SI)  |
| 10-11 May 2016     | III European Network of Energy Authorities and Managing Authorities of the Cohesion Policy   | Brussels (BE)   |
| 1-2 June 2016      | <u>SMART REGIONS Conference - High Level Event</u> : Thematic Session on Energy, Brussels, (co-organised JU-RA)  | Brussels (BE)   |
| 16 June 2016       | Sustainable Energy Week: Smart Specialisation in Energy, How Europe's regions are implementing their priorities  | Brussels (BE)   |
| 23-24 June 2016    | Smart Grids and Smart Specialisation. Smart Mediterraneo - IET   | Bari (IT)       |
| 4-5 July 2016      | <u>How to build Smart Energy Regions</u> : Regional perspectives on energy transition (with Baden-Württemberg)   | Karlsruhe (DE)  |
| 13-14 October 2016 | S3PEnergy in the European Week of Regions and Oties (EWRO 2016:  - Plenary session: "Smart Specialisation in Energy and innovation in European Regions"  - Parallel working sessions on S3 Energy Partnerships | Brussels (BE)   |

# Mutual transnational learning arena



# LAUNCH OF THE S3P ENERGY, May 2015, Seville SMART REGIONS CONFERENCE, 1st June 2016, Bxl

More than 700 Participants

Teaming up regions, interregional cooperation and matching priorities

Mutual transnational learning arena







#### "S3 Energy Partnerships"

offering interactive and participatory arenas for interregional cooperation

#### Marine Renewable Energy

# <u>Interested regions:</u> 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).

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....

#### **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)

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...

#### Sustainable construction

<u>Interested regions:</u> Andalusia, Navarra (ES), Norra Mellansverige y North Midsweden (SE), Lapland (FI), Gloucestershire County (UK), Gorenjska (SI), Rzeszow (PL), North-West Croatia, Jämtland Region (SE), Lithuania

<u>Identified links with other initiatives:</u> ERRIN Energy Working Group; Interreg Europe project BUILD2LC...

#### **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 Midsweden (SE), West Finland (FI).

<u>Identified links with other initiatives:</u> <u>JRC Smart Grid</u>
<u>Observatory</u>, regional clusters, Horizon 2020, Interreg projects (e.g. SET-UP)...

# Mutual transnational learning arena



Web: <a href="http://s3platform.jrc.ec.europa.eu/s3p-energy">http://s3platform.jrc.ec.europa.eu/s3p-energy</a>



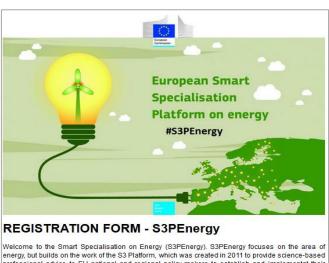
Mutual transnational learning arena

**Strengthening EU synergies:** exploring cooperative synergies with other partners and initiatives is included in the S3PEnergy work programme 2016-2017. Already established collaboration with Vanguard Initiative, ERRIN, INTERREG and KIC-INNOENERGY).





#### Registration Form: <a href="http://s3platform.jrc.ec.europa.eu/registration-in-s3p-energy">http://s3platform.jrc.ec.europa.eu/registration-in-s3p-energy</a>



professional advice to EU national and regional policy-makers to establish and implementat their research & innovation strategies for smart specialisation (RIS3). Before registering for the S3PEnergy, please kindly read this information carefully:

FOR MEMBERS OF S3PEnergy:

- . If your country/region is already a member of the S3 Platform, the contacts already available will automatically become a member of S3PEnergy. It would be appreciated if you provided a second contact point for your region, which should be the person in charge of energy policy. Please fill in this registration form to do so.
- . If your country/region is not yet a member of the S3 Platform but is interested in joining S3PEnergy, note that it will automatically become a member of the S3 Platform unless specifically otherwise demanded by emailing to JRC-IPTS-S3PLATFORM-ENERGY@ec.europa.eu

FOR PEERS/FRIENDS:

You are all very much welcome to join S3PEnergy. We are looking forward to working with you!

Please, select the profile with which you would like to be registered in the S3PEnergy to be informed of our activities: \*

MEMBERS OF THE S3PEnergy - This category is reserved to governments and their agencies.

Governments and their agencies

FRIENDS/PEERS OF THE \$3PEnergy - This category includes all public-private actors in the innovation system interested in energy policy.

- EU institutions (please, specify affiliation/position)
- Research
- Industry
- Networks
- Civil Society
- Other (please, specify)

Please, select the energy field in which you work: \*

- Renewable Energy
  - Hidro power Further information
  - Geothermal Energy
  - Further information
- Solar energy photovoltaic
- Further information
- Solar energy thermal Further information

Information, communication and dissemination

Research



What does S3PEnergy expect from Member States and regions?



Active participation in platform activities and feedback



Cooperation spirit with other platform members



Collaboration

with territorial actors of same and other regions



Sharing information

on related initiatives, key results and good practices



Be aware

of (and committed with) the significance of bottom-up approach in Smart Specialisation



Benefiting

from the S3PEnergy hub position

Related links and further information

For any kind of enquires and feedback please send us an e-mail to:

jrc-ipts-s3platform-energy@ec.europa.eu

#### Follow us on:

@S3Platform

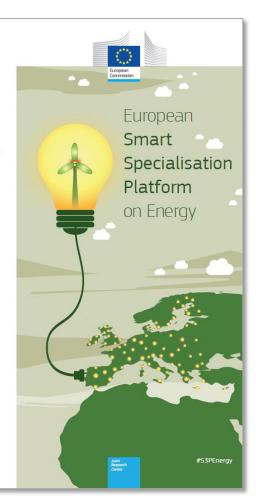
#S3PEnergy

#### Website:

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

#### For registration:





Information, communication and dissemination



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Information, communication and dissemination





## **Technologies factsheets**

Specific factsheets covering the work carried out by the JRC-Dir C have been uploaded to the S3PEnergy website section, including:

- Carbon Capture and Storage
- Carbon Capture and Utilization
- Concentrated Solar Power
- Geothermal Energy
- Hydrogen and Fuel Cells
- Ocean Energy
- Photovoltaic Solar Energy
- Smart Grids
- Wind Energy

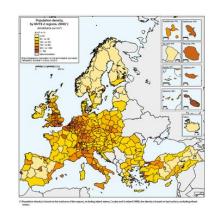
Information, communication and dissemination



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Specific information and analysis in support of DGs ENER & REGIO



# Thank you





#S3PEnergy @S3Platform

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