

Smart Specialisation Platform on Energy

Manuel Palazuelos Martínez

Team Leader/Project Leader, JRC.IPTS, IPTS, Seville



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Serving society
Stimulating innovation
Supporting legislation

What is **Smart Specialisation**?

- = **fact-based**: all assets + capabilities + bottlenecks in a region, incl. external perspective, cooperation potential, global value chains
- = **no top-down decision** but dynamic entrepreneurial discovery process uniting key stakeholders around shared vision
- = **all forms of innovation**, not only technology-driven, existing / new knowledge
- = **ecosystem approach**: creating environment for change, efficiency of institutions
- = **differentiation**: focus on competitive advantages, potential for excellence, emerging opportunities, market niches
- = **concentration of resources** on priorities, problems and core needs, for critical mass/critical potential
- = **synergies** across different departments and governance levels (EU-national-regional); cross-sector/technology links
- = **place-based economic transformation**: rejuvenate traditional sectors through higher-value activities

Smart specialisation as an ex-ante conditionality for the release of ERDF resources on TO 1 (research and innovation) = 40 billion EUR

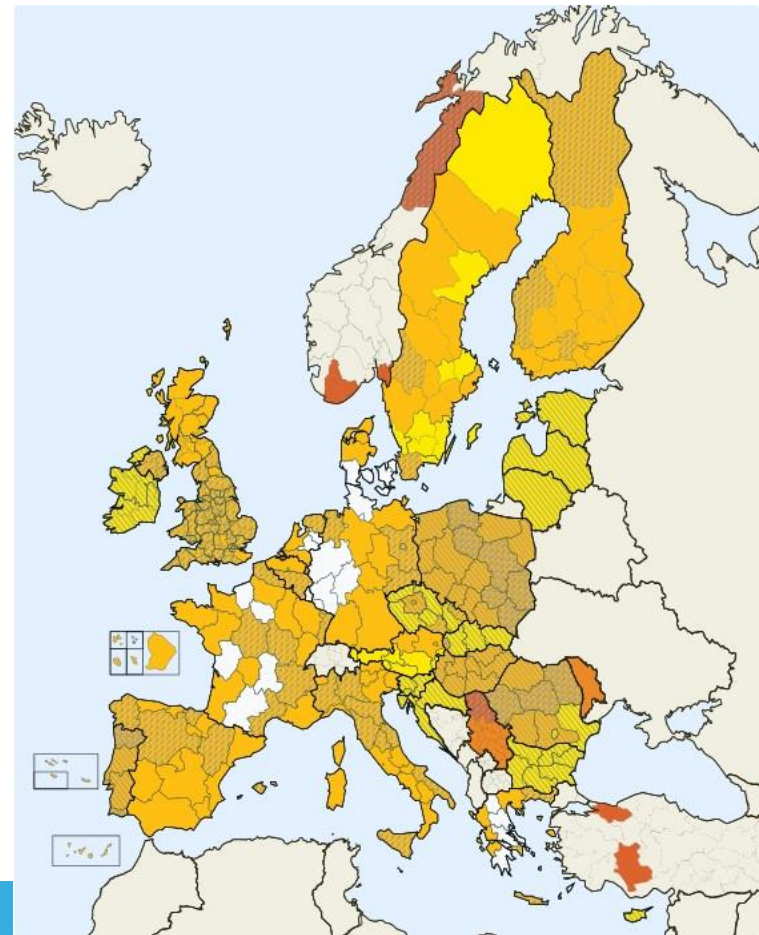
STATE OF PLAY IN SMART SPECIALISATION



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

- Wide membership:
168 EU regions +
18 countries (+non EU)
- Bottom-up work with regions
- Thematic activities

RIS3 as
ex ante conditionality
for ERDF in 2014–2020



Main activities of S3 Platform



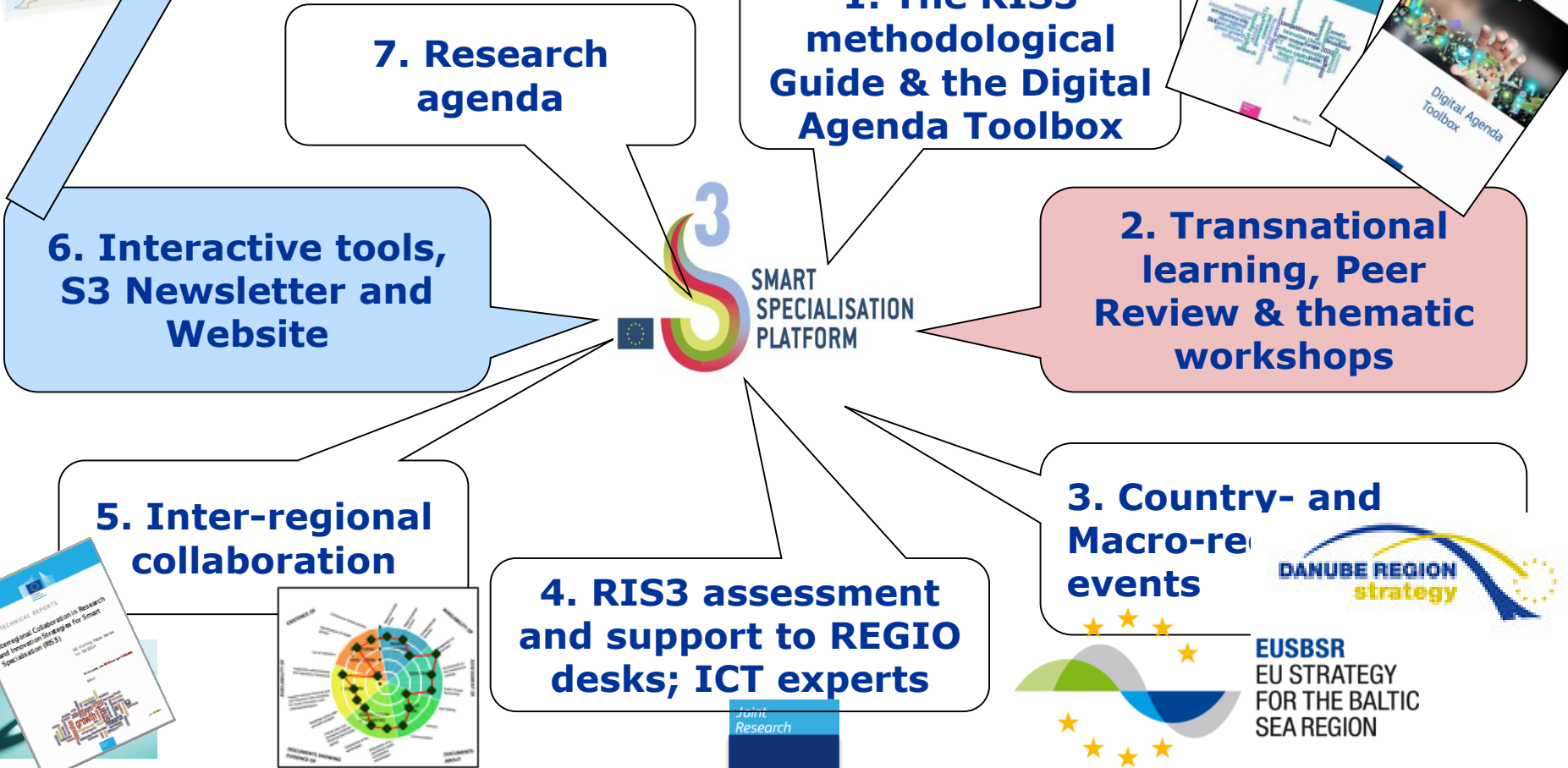
in support of the countries/regions implementing S3



Eye@RIS3 – an online database for S3 priorities, consulted 57,000 times a year

an
ssion

Own peer review methodology
18 workshops in three years:
60 peer reviewed regions and 16 countries



Why energy? (Q3)



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



EU Countries with Encoded S3 Priorities

EU Regions with Encoded S3 Priorities

Mapping



S3 Platform on Energy

DG
REGIO

JRC

DG
ENER

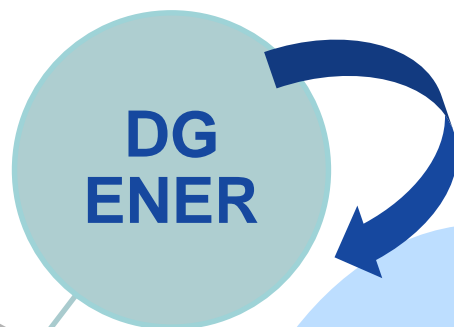
- Supports the optimal and effective uptake of the Cohesion Policy funds for Energy.
- Assists countries and regions to set up strategies to accelerate the development of a technology-based low-carbon economy.

JRC's multidisciplinary competences in

- energy,
- innovation,
- regional policy...



...integrated in a single project.



**DG
JRC**

Institute for Prospective Technological Studies (IPTS)

Institute for Energy and Transport (IET)

•**IPTS Units:**

1. **S3 Platform**, Knowledge for Growth – **lead**
2. Economics of Climate Change, Energy and Transport

•**IET Units:**

3. Energy Conversion & Storage Technologies
4. Energy Technology Policy Outlook
5. Renewables & Energy Efficiency
6. Energy Security, Systems and Market

TASKS

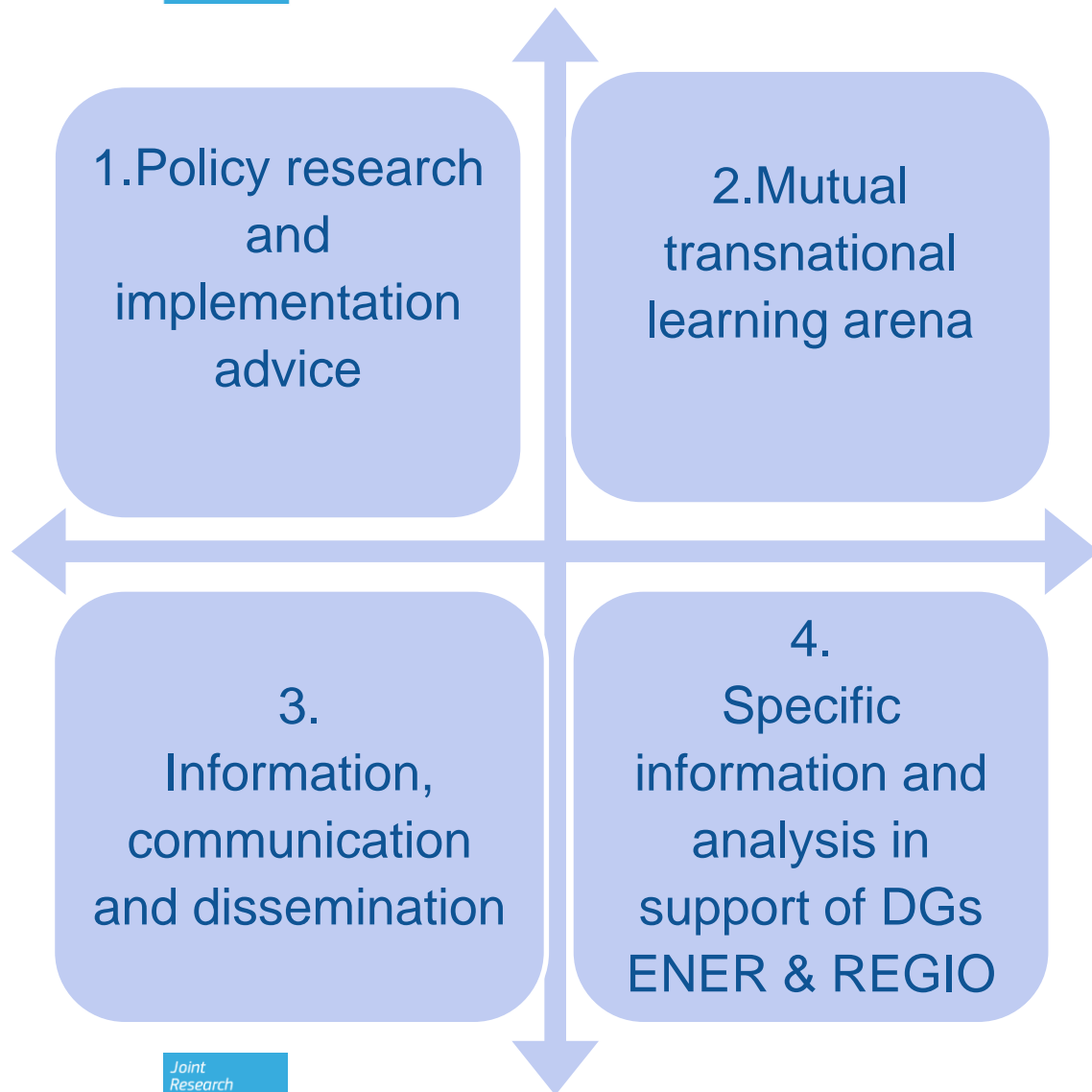
divided into

Four work packages



Objectives:

- Optimal uptake of the Cohesion Policy funds for energy
- Align energy innovation at national, regional and local level with the EU priorities





All with external partners

Date	Title	City (Country)
27 May 2015	High level launching event of the S3P Platform	Brussels (BE)
May 2015	Fuel Cells & Hydrogen(co-organised JU-Rhone-Alpes)	Lyon (FR)
13–15 Oct.	Blue Growth and Marine Energy (with Canarias)	Las Palmas (ES)
27–30 Oct.	Support to the Danube Strategy+EUSDR	Ulm (DE)
3 Nov.2015	Sustainable Energy Efficiency Construction (with Andalucia)	Seville (ES)
9 March 2016	Regions and energy union, co-organised with ERRIN (European Regions Research and Innovation Network) - Report	Brussels (BE)
April 2016	Smart Specialisation (energy priorities), (<i>back to back with S2E with SI</i>)	Ljubiliana (SI)



Date	Title	City (Country)
1-2 June 2016	High Level Event: Thematic Session on Energy, Brussels, (co-organised JU-RA)	Brussels (BE)
16 June 2016	<i>Energy Week:</i> 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	How to build Smart Energy Regions: Regional perspectives on energy transition (with Baden-Württemberg)	Karlsruhe (DE)
10-13 October 16'	<i>Open Days:</i> European Week of Regions and Cities 2016	Brussels (BE)

Topic of the table	'Lead' region (s)	Other interested regions/cities
1. Energy Efficiency in buildings	Andalusia (SP)	Paca (FR) Valencia (SP) Campania (IT) Trento (Province) (IT) Praga (City) (CZ)
2. Water	Flanders (BE)	ERRIN (in principle)
3. Smart Mobility	?	1 region? (UK) Catalonia (SP) Bavaria (DE) Flanders (BE) 2 regions (RO)
4. Advance Manufacturing for energy applications in harsh environments	Basque Country (SP)	13 regions (?) of the Vanguard Initiative Pomorskie (PO)
5. Heating and cooling	Castilla y León (SP)	Central Macedonia (GR) ERRIN
6. Bioenergy	Lapland (FI)	East & North Finland (7 regions?) (FI) East Norway (8 regions?) (NO) Extremadura (SP) Westerns Macedonia (GR)
7. Smart Grids	Paca (FR)	Provence – Alpes (Côte d'Azur) (FR) Northern Netherlands (Groningen) (NE) Pomorskie (PO) – Energa S.A. Lower Saxony (DE)

Thank you for your attention!

