



# Smart Specialization Platform:

## S3P Activities and Support to the S3 Activities in Europe

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# The S3 Platform



- **Designed to assist regions and countries in developing RIS3**
- **Launched in June 2011**
- **Managed by JRC-IPTS in Seville**
- **Monitored by a Steering Team**  
incl. DG REGIO, DG CONNECT, RTD, ENTR, EAC, AGRI, etc.
- **Supporting numerous S3 related R&I activities**
  - **horizontal:** e.g. entrepreneurial discovery process, S3 indicators, S3 monitoring, etc.
  - **thematic:** e.g. macro-regional cooperation (Danube, Baltic,...), DAE, KETs, RES (H2 & Fuel Cells), Smart Cities, etc.

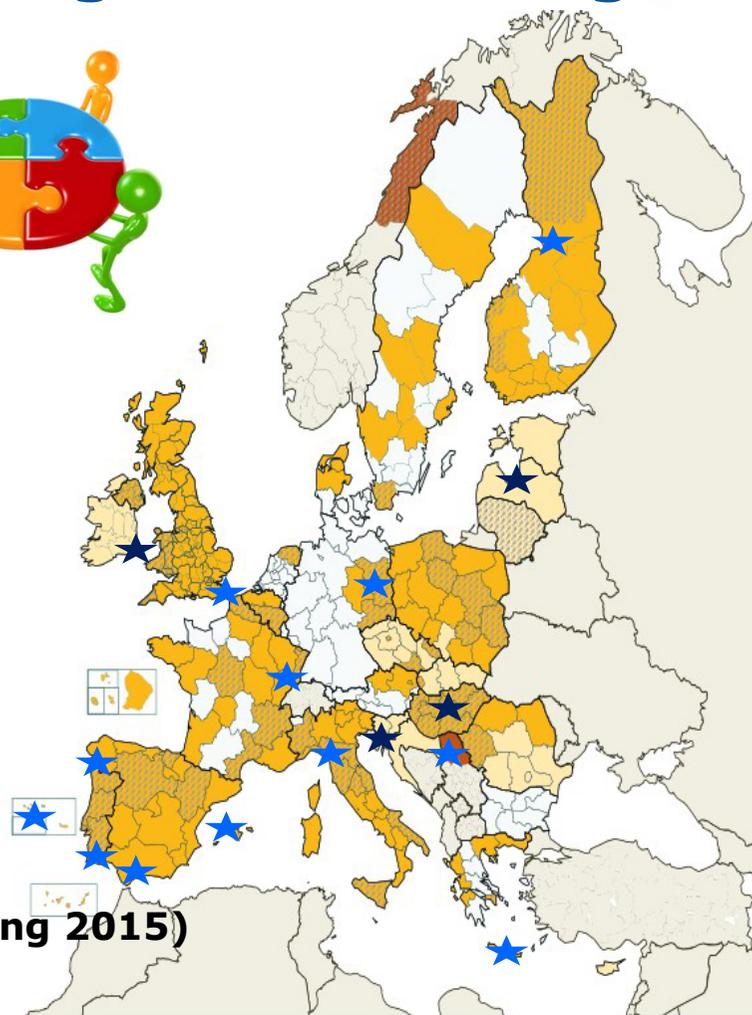
# Main S3P activities in support of the countries/regions



## Ad.2. Workshops, Mutual Learning & Networking

### S3 Peer Review workshops:

1. Seville (ES) (Jan. 2012)
2. Seville (ES) (May 2012)
3. Ponta Delgada (PT) (June 2012)
4. Pisa (IT) (Sept. 2012)
5. Strasbourg (FR) (Dec. 2012)
6. Palma de Mallorca (ES) (Feb. 2013)
7. Brno (CZ) (March 2013)
8. Vaasa (FI) (May 2013)
9. Budapest (HU) (June 2013) NATIONAL
10. Faro (PT) (July 2013)
11. Crete (GR) (Sept. 2013)
12. Potsdam (DE) (Nov. 2013)
13. Riga (LV) (Feb. 2014) NATIONAL
14. Novi Sad (RS) (April 2014)
15. Portoroz (SI) (May 2014) NATIONAL
16. Dublin (IE) (July 2014) NATIONAL
17. Baiona (ES) (Nov. 2014)
- 18. ...more regional workshops... (Winter 2014/Spring 2015)**

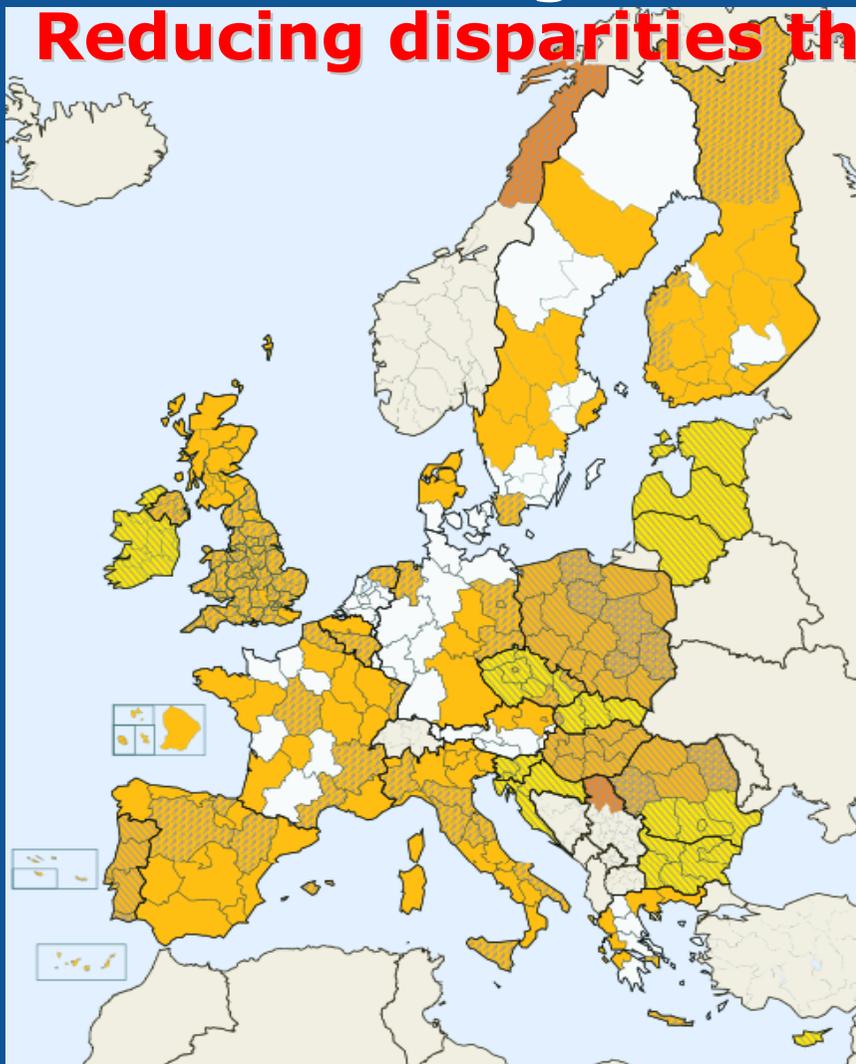


<http://s3platform.jrc.ec.europa.eu/peer-review>



## Ad.3 Macro-Regional Cooperation

### Reducing disparities through Smart Specialisation



**153 registered regions**  
**from 23 MS**  
**+ 15 countries**  
**+ 15 countries**  
**+ 2 non-EU regions**  
**+ 2 non-EU regions**



**S3P ONLINE SURVEY on Examples of Successful Inter-regional and Trans-national R&I Partnerships**  
**- Call for contributions open until 19 December 2014**

<http://s3platform.jrc.ec.europa.eu/home>



# JRC Scientific Support to the Danube Strategy

## Horizontal activities:

**2013 - "S3 for Danube" Seminar** (25 April)  
- High-level event of the JRC Scientific Support to the Danube Strategy (15-16 May)

**2014 - "S3 for Danube" Workshop** (3 April)  
- High-level event of the JRC Scientific Support to the Danube Strategy (24-25 June)

**"S3 for Danube" Seminar & Workshop** (2013-2014)  
2 x cca. 80 participants from 14 Danube countries  
+ Commission services and experts

## Policy Brief

**2014-16: S3P participation in the "Danube INCO-Net"**





European Commission

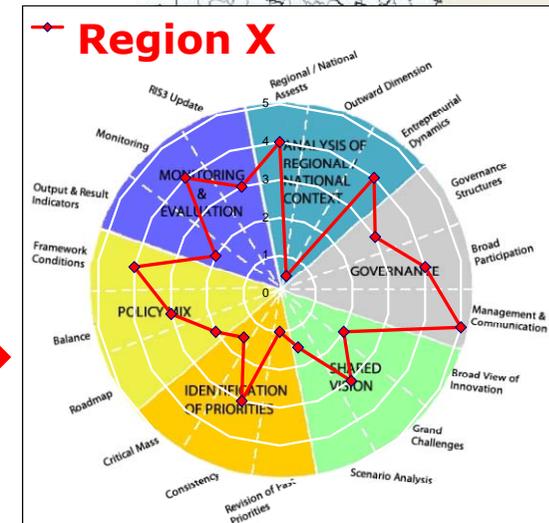


# Ad.4 Supporting the RIS3 Process

from **RIS3 Guide**



through streamlined "easy-to-use"  
**(Self-)Assessment Tool**



to **RIS3 Peer-Review**

& **Mutual Learning** exercises

& **Encoding** of the **S3 priorities**





## Ad.5. Stakeholders' Support

Bottom-up topics – activities very different in structure, attendance,, methodology, common priorities, common regional features,... focus: targeting RIS3 actors!

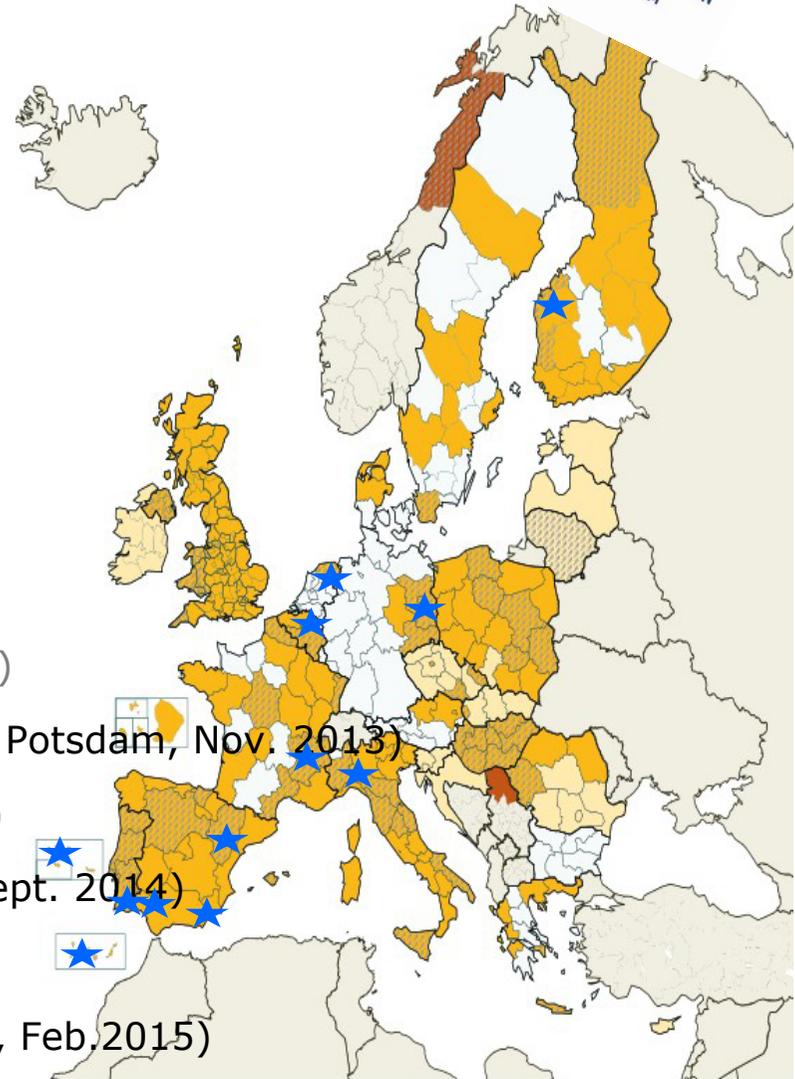
### Example: KETs in S3

- ❖ **the S3P Project: "The uptake of KETs in Smart Specialisation"**
- ❖ **Support the implementation of the KETs strategy in regard to smart specialisation:**  
Participation to a number of policy relevant coordinating activities: KETs Sherpa group meetings, Member State mirror Group meetings, and meetings of the High Level Group on KETs
- ❖ **Support the Vanguard Initiative: 1<sup>st</sup> thematic S3 platform - Advanced Manufacturing**
- ❖ **Reports:** e.g. "*Preliminary report on KETs priorities declared by regions in the context of their work on Research and Innovation Strategies for Smart Specialisation (RIS3)*", based on Eye@RIS3": <http://ftp.jrc.es/EURdoc/JRC84659.pdf>
- ❖ **Specific events:**
  - Advanced Manufacturing in Smart Specialisation (forthcoming 2015, Brussels)
  - Joining forces through Smart Specialisation: Synergies between ESIF and Horizon 2020 for Key Enabling Technologies (March 2014, Brussels)
  - Thematic workshop on Key Enabling Technologies (KETs) for S3 in Agro-food (April 2013, Murcia, ES)

**Similarly: S3 and DAE, Smart Cities, Energy, etc.**

## Ad.5. Thematic Workshops

1. Indicators (Groningen, Jan. 2013)
2. Universities (Seville, Feb. 2013)
3. ICT (Seville, Apr. 2013)
4. Agro-food & KETs (Murcia, Apr. 2013)
5. Transport/Logistics (Las Palmas, Apr. 2013)
6. Tourism (linked to peer-review, Faro, July 2013)
7. Rural regions (Fundão, Oct. 2013)
8. Advanced manufacturing (Brussels, Nov. 2013)
9. Urban-rural relationship(linked to peer-review, Potsdam, Nov. 2013)
10. Sparsely populated areas (Vaasa, June 2014)
11. Entrepreneurial discovery process (Pisa, Sept. 2014)
12. S3 Monitoring (Barcelona, December 2014)
13. Hydrogen & Fuel Cells Technologies (Lyon, Feb. 2015)
14. ...many more to come in 2015...



# Ad.6. Interactive S3 tools

## A) Regional Benchmarking Tool

### Benchmarking Regional Structure

Finding reference regions based on structural similarities

A key to build sound innovation strategies for smart specialisation at the regional level is to identify opportunities for learning policy lessons and transferring practices from other regions. But what are the regions one should consider as a reference for these purposes? Our proposal is to start by identifying regions that share similar structural conditions which are relevant for innovation-driven development (social, economic, technological, institutional and geographical characteristics). That is, characteristics that cannot be easily changed in the short term and that are demonstrated to affect the way innovation and economic evolution take place in a region. Below you will find an [interactive tool](#) that allows you to identify reference regions across Europe based on a methodology jointly developed by [Orkestra](#) - [Basque Institute of Competitiveness](#) and the [S3 Platform](#).

**Documents**

[Methodological paper](#)

[List of structural characteristics](#)

[Regional NUTS codes](#)

#### Interactive tool

region

Bratislavsky kraj (sk01) ▼

The **20** nearest regions to **Bratislavsky kraj (sk01)**

Region	Distance index
Luxembourg (Grand-Duché) - Luxembourg (lu00)	0.0226
Stredni Cechy - Czech Republic (cz02)	0.0402
Kozep-Magyarország - Hungary (hu10)	0.0410
Moravskoslezsko - Czech Republic (cz08)	0.0421
Alsace - France (fr42)	0.0434
Mazowieckie - Poland (pl12)	0.0461
Wien - Austria (at13)	0.0473
Slaskie - Poland (pl22)	0.0493
Västsvrige - Sweden (se23)	0.0505
Midi-Pyrénées - France (fr62)	0.0512
West Midland, England - United Kingdom (ukg)	0.0513

number of peers

20 ▼

refresh

DIMENSIONS	ELEMENTS	VARIABLES	SOURCES	YEAR	UNIT
Regional size	Total Population		Eurostat	2011	people
	Population >= 05		Eurostat	2011	%
	Population <15		Eurostat	2011	%
Urbanisation	Pop. in urban and comm. areas		DG Regio	2006	%
	Multimodal accessibility		ESPON	2006	0-100 index
HRR educational level	Pop. with upper secondary and tertiary ed.		Eurostat	2012	%
Technological distribution (patents)	Electrical engineering		OECD REGPAT	2006-2010	%
	Instruments		OECD REGPAT	2006-2010	%
	Chemistry		OECD REGPAT	2006-2010	%
	Mechanical engineering		OECD REGPAT	2006-2010	%
Technological concentration (patents)	Other fields		OECD REGPAT	2006-2010	%
	GINI index of 35 subfields		OECD REGPAT	2006-2010	0-100 index
Economy's sectoral distribution	Agriculture, forestry and fishing (A)		Eurostat LFS <sup>(1)</sup>	2012	%
	Industry (except const.) (B-E)		Eurostat LFS <sup>(1)</sup>	2012	%
	Construction (F)		Eurostat LFS <sup>(1)</sup>	2012	%
	Wholesale and retail trade, transport etc. (G-I)		Eurostat LFS <sup>(1)</sup>	2012	%
	Information and communication (J)		Eurostat LFS <sup>(1)</sup>	2012	%
	Financial and insurance activities (K)		Eurostat LFS <sup>(1)</sup>	2012	%
	Real estate activities (L)		Eurostat LFS <sup>(1)</sup>	2012	%
	Professional, scientific and technical activities (M-N)		Eurostat LFS <sup>(1)</sup>	2012	%
	Public administration (O-Q)		Eurostat LFS <sup>(1)</sup>	2012	%
	Arts, entertainment and recreation (R-U)		Eurostat LFS <sup>(1)</sup>	2012	%
Sectoral concentration	Top of 5 subsectors (2 digits) (% total employment)		Eurostat SBS	2011 or closest	%
	Mining and quarrying (05-09)		Eurostat LFS	2011	%
	Food, drinks and tobacco (10-12)		Eurostat LFS	2011	%
	Textiles, apparel and leather (13-15)		Eurostat LFS	2011	%
	Wood, paper and printing (16-18)		Eurostat LFS	2011	%
	Chem., pharm., rubber, plastic and refined petroleum (19-22)		Eurostat LFS	2011	%
	Non-metallic mineral products (23)		Eurostat LFS	2011	%
	Basic metals and metal products (24-25)		Eurostat LFS	2011	%
	Electric, electronic, computer and optical equipment (26-27)		Eurostat LFS	2011	%
	Machinery (28)		Eurostat LFS	2011	%
	Transport equipment (29-30)		Eurostat LFS	2011	%
	Other manufacturing (31-33)		Eurostat LFS	2011	%
	Average firm size		Eurostat SBS	2009 or closest	# employees
	Trade openness	Total exports (% GDP)	Fraunhofer ISI and Orkestra	2009 or closest	%
	Sublevel government	Decentralisation	BAK Basel Economics	2009	0-100 index
Quality of institutions		Charron et al.	2012	standardized values	
Social and institutional capital	Feeling of safety of walking alone in local area after dark	ESS	2010 or closest	1-4 index	
	Most people can be trusted or you can't be too careful	ESS	2010 or closest	0-10 index	
Entrepreneurial / innovative attitudes	Important to think new ideas and being creative	ESS	2010 or closest	1-8 index	
	Important to try new and different things in life	ESS	2010 or closest	1-8 index	

Note: (1) Data compiled through a request to Eurostat.

Specialisation fields related to:

- Energy
- KETs
- Life sciences
- ICT
- Environment
- Agro-food

## Ad.6. Interactive S3 tools

### **B) Eye@RIS3 – an online database of regional/national S3 priorities**

Enables regions and MS to position themselves

...find their unique R&I niches

...seek out potential partners for collaboration

Note! Categories are not perfect matches!

More than 1280 encoded priorities (Nov.2014)

**176 EU regions & 21 EU countries**

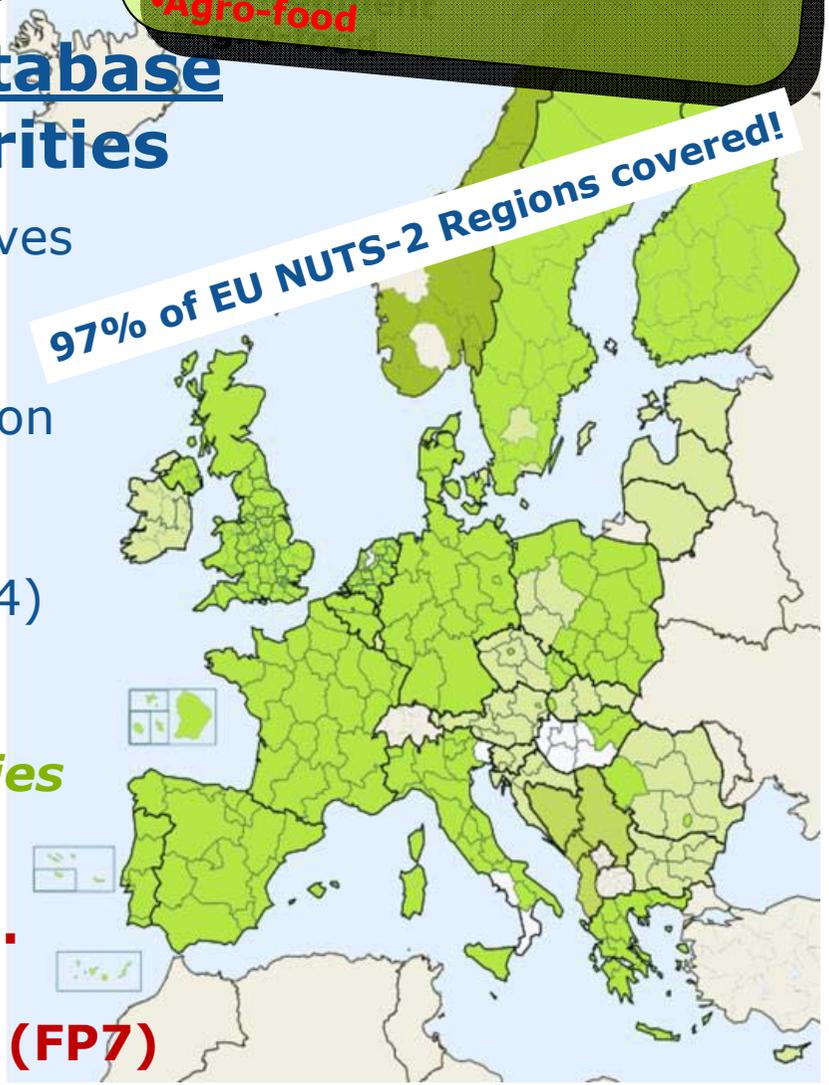
**+ 17 non-EU regions & 4 non-EU countries**

<http://s3platform.jrc.ec.europa.eu/map>

**+ 2 New Interactive Tools to come...**

- Trade cooperation tool &
- Mapping of existing R&I collaborations (FP7)

97% of EU NUTS-2 Regions covered!





# Thank you for your attention !



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