

JRC Macro-regional Innovation Week, Trieste, 27 September 2016

Smart Stories - S3 from Design to Implementation (Introduction)

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www.jrc.ec.europa.eu

*Serving society
Stimulating innovation
Supporting legislation*



What is **Smart Specialisation?**

S3 the policy concept

- Promote **inclusive and sustainable growth**
- **Place-based policy:**
 - Valorise existing assets and local specificities
 - Mobilise local economic players as the main actors of economic change
- Based on transparent **selection of economic activities** with high transformative potential for the economy

RIS3 the strategy

- National or regional **agenda for economic transformation**
- **Coordinate financial and entrepreneurial resources** to support the selected economic activities
- Define **governance and monitoring mechanisms**



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; aiming at developing a strategic approach to territorial development

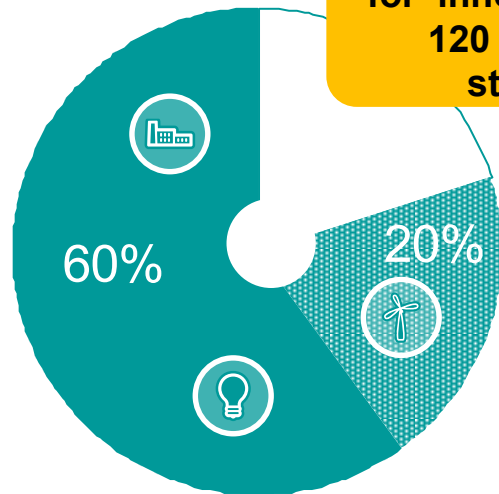
2014-2020: Concentration of ERDF resources to maximise impact

 Research and Innovation

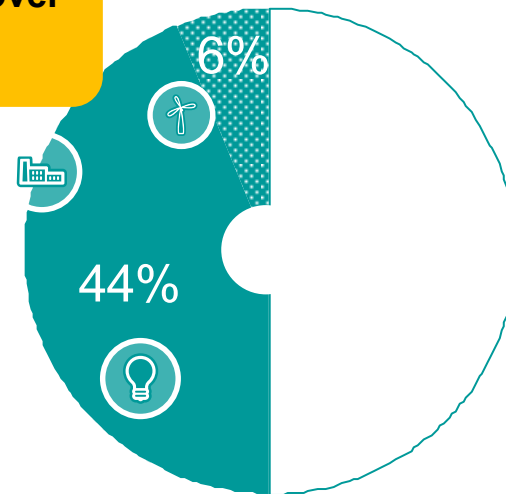
 Energy efficiency and renewable energy

 SMEs competitiveness

Up to €110 billion ESIF money for innovation, bolstering over 120 regional/national S3 strategies in the EU



Developed regions and transition regions



Less developed regions

Smart Specialisation...

... as an **ex-ante conditionality** for the release of ERDF resources on Thematic Objective 1 (Research and Innovation)

TO1 directly linked to 40 B EUR + indirectly TOs 1-4 >110 B EUR

... as a **leverage for additional funding** (national/regional/PPP) supporting identified S3 value chains in countries/regions
= up to 6 times more!

... as a **trigger for change** in innovation policies + in overall transparency and participatory policy making

... as an **influential pattern** for other public investment policies, e.g. application to other EU policies – ESIF TOs, value chains + enlargement (WBC)

... S3 towards a **cross-cutting policy paradigm??**

S3 - Policy impact?

"The smart specialisation programme of the European Commission is currently the biggest experiment in innovation and industrial policy in the world and possibly the biggest ever undertaken."

RIS3 Progress & Challenges

Most EU Regions and Countries have started the implementation phase of RIS3:

- RIS3 are generally stronger at analysis and weaker at monitoring & evaluation
 - S3 principles are sometimes not fully taken on board in the prioritisation process
1. Sometimes involvement of stakeholders limited in depth and scope and not continuous/on-going + progress from a triple to a quadruple-helix governance

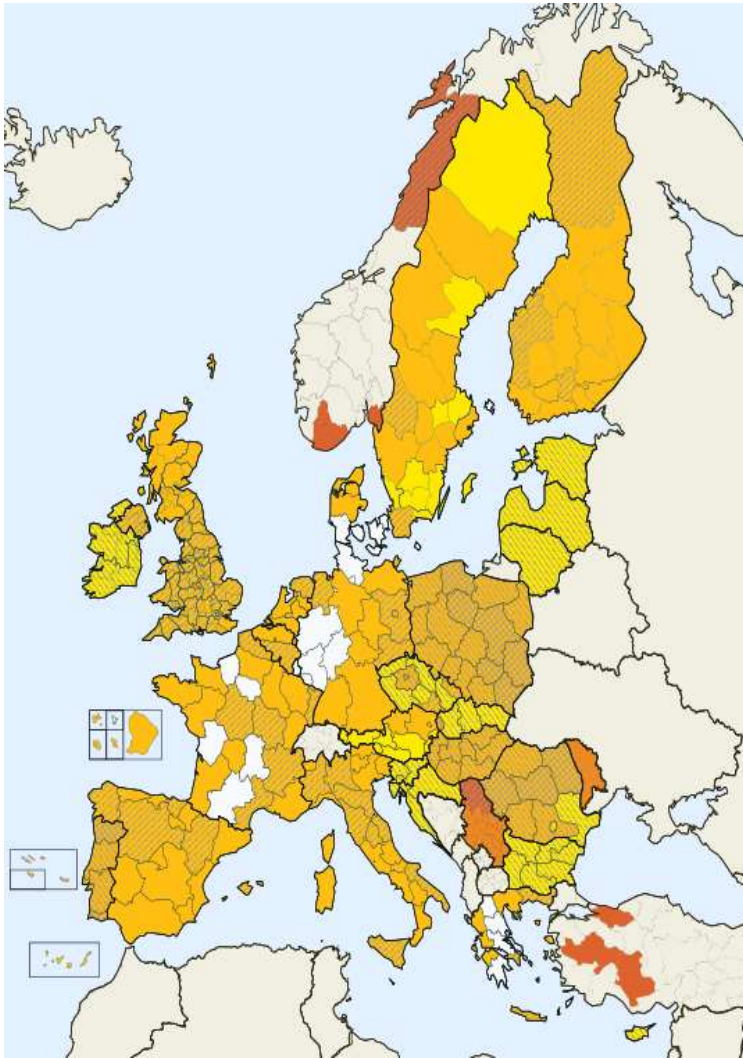


...S3P challenges still ahead:

1. EU Enlargement and Neighbourhood Countries
2. Preserve the **bottom-up component** of strategy development & adjustment
3. Develop models and share experience on how to **operationalize the entrepreneurial discovery process** in different contexts
4. "Give voice to the voiceless", **avoid capture by closed clubs of incumbent stakeholders**



Smart Specialisation Platform



Key Data:

Wide membership: 177 regions + 20 countries

- Open to the Non-EU regions/countries (8 Non-EU regions and 2 Non-EU countries registered!)

Strong endorsement by national/regional policy makers: average 4.5/5 **satisfaction rankings** (86% rankings at least 4/5; 100% at least 3/5)

High **"loyalty rate"**: > 50% of regions attending workshops come back

Strong **political endorsement** at EU level:

EC (Hahn, Cretu), **EP** (Winkler, Buzek, Van Nistelrooij), **Council** (Van Rompuy, Tusk), **CoR** (Markkula)

S3P Support to the EU's S3 Cooperation

Other tools at S3 Website + Newsletters

Analysis, Policy Briefs, Working Papers

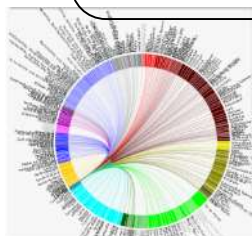
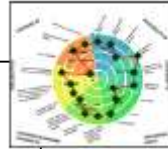
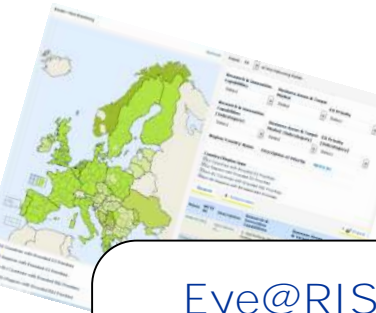
Eye@RIS3 tool for finding & match-making regions with related R&I priorities

Trans-national learning, Peer Review & thematic workshops

Inter-regional trade and competition tool

Regional benchmarking tool – searches for structurally similar regions

Support to the macro-regional strategies: EUSDR, EUSBSR, EUSALP & EUSAIR



Benchmarking Regional Structure

Finding reference regions based on structural similarities

Region	Similarity Score	Structural Similarity
Region A	0.85	High
Region B	0.72	Medium
Region C	0.61	Low
Region D	0.53	Low
Region E	0.48	Low



S3P support to the Danube Macro-Regional Cooperation



- S3P registered:
177 regions (23 MS + 3 non-EU)
18 MS + Serbia & Moldova
- from **Danube:**
22 regions (6MS+RS)
9 MS + 2 Non-EU
- S3P peer-reviewed:
60 regions + 15 MS
- from **Danube:**
8 regions
7 MS

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

Source: S3 Platform, September 2016

S3 in JRC Scientific Support to the Danube

S3 Events: systematic support by engaging representatives/
experts from 14 Danube countries + Commission services

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)

2015 - S3 Danube Workshop "Gathering opportunities around RIS3 priorities" – 4 sessions: ICT, Health, Energy, Sustainable Innovations/Water) (7 July ~70 partners from 11 Danube countries)

- **High-level event of the JRC Scientific Support to the Danube Strategy** (27-28 October)

2016 - High-level event of the JRC Scientific Support to the Danube Strategy within the EUSDR Annual Forum
(SK, 3-4 November)

JRC Policy Briefs:

- S3 Policy Brief **“Developing Danube R&I Projects across Borders – How to Make the Joint Use of EC Funds a Reality?”**

- **Upcoming S3 Policy Brief - “Smart specialisation in macro-regional dimension: Mapping R&I priorities in the Danube region”**

Active participation in the **Danube-INCO.NET, FP7 funded project supporting EUSDR** (19 partners from 12 countries, Jan.2014 – July2017)

S3 Platform: S3 for Danube - Mapping S3 priorities, supporting mutual learning and transnational S3 collaboration aiming at **alignment of R&I priorities... towards the Danube Macro-regional S3 Strategy...**



The screenshot displays the SMART SPECIALISATION PLATFORM website. At the top, it features the European Commission logo and the platform's name. The main navigation bar includes links for Home, About, News, Events, Knowledge Repository, and Contact. The central content area is divided into several sections:

- Invitation for Smart Interregional Cooperation in Energy:** A banner for a call for proposals.
- What we can do for you:** A section highlighting the platform's role in providing professional advice to EU countries and regions for developing and implementing smart specialisation strategies.
- S3P Calendar:** A calendar view for September 2016, showing various events and their durations.
- Event Highlights:** A list of recent events, including workshops and conferences.
- S3 Tools:** A grid of tools for smart regions, such as EYE@RIS3, ESIP - viewer, ICT Monitoring, Regional Benchmarking, EU Trade, and Data Sources.
- S3 Tag Cloud:** A cloud of tags representing different topics and regions.
- Reports & Publications:** A section for accessing reports and media related to the platform.

Decorative illustrations of a hand holding a plant, a hand holding a string, and an atom symbol are overlaid on the right side of the screenshot.

Joint Research Centre Commission's in-house science service

*Serving society
Stimulating innovation
Supporting legislation*

Thank you for your attention!



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

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