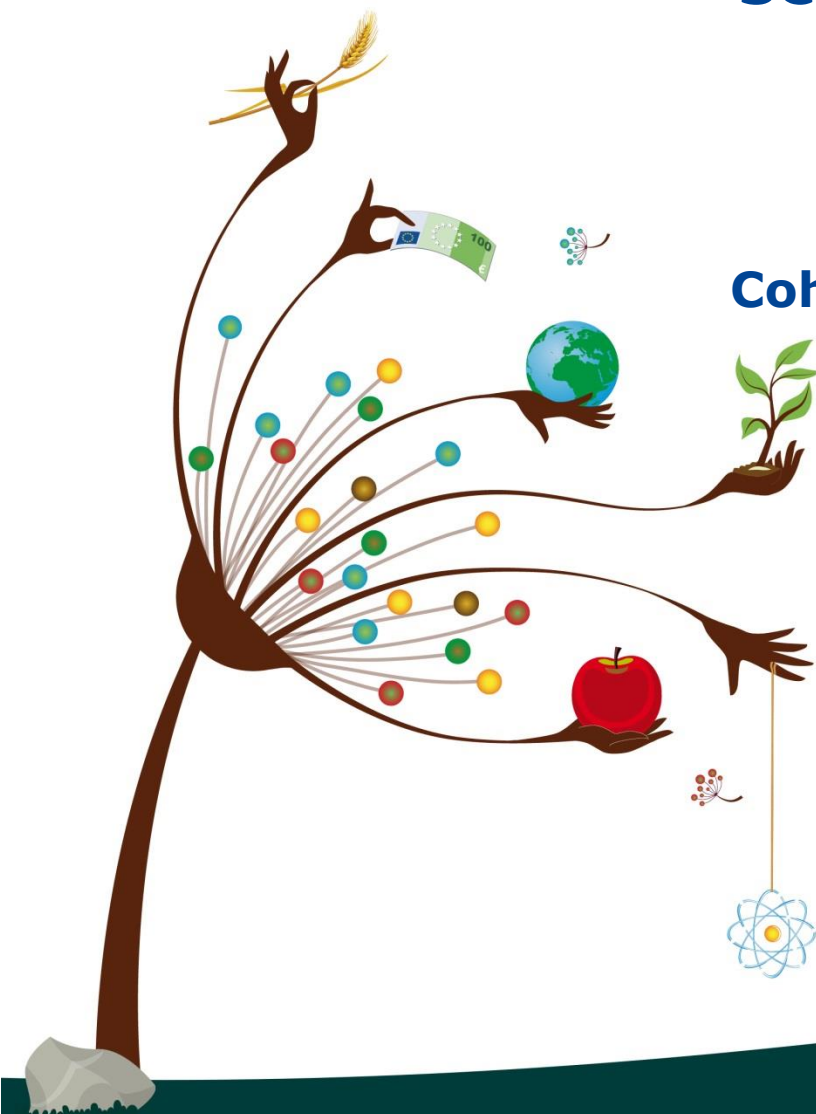


The European Commission's science and knowledge service

Joint Research Centre

Cohesion Policy Post-2020: inter-regional collaboration of innovation hubs

Manuel Palazuelos Martinez
Project Leader, S3P, DG JRC,
European Commission



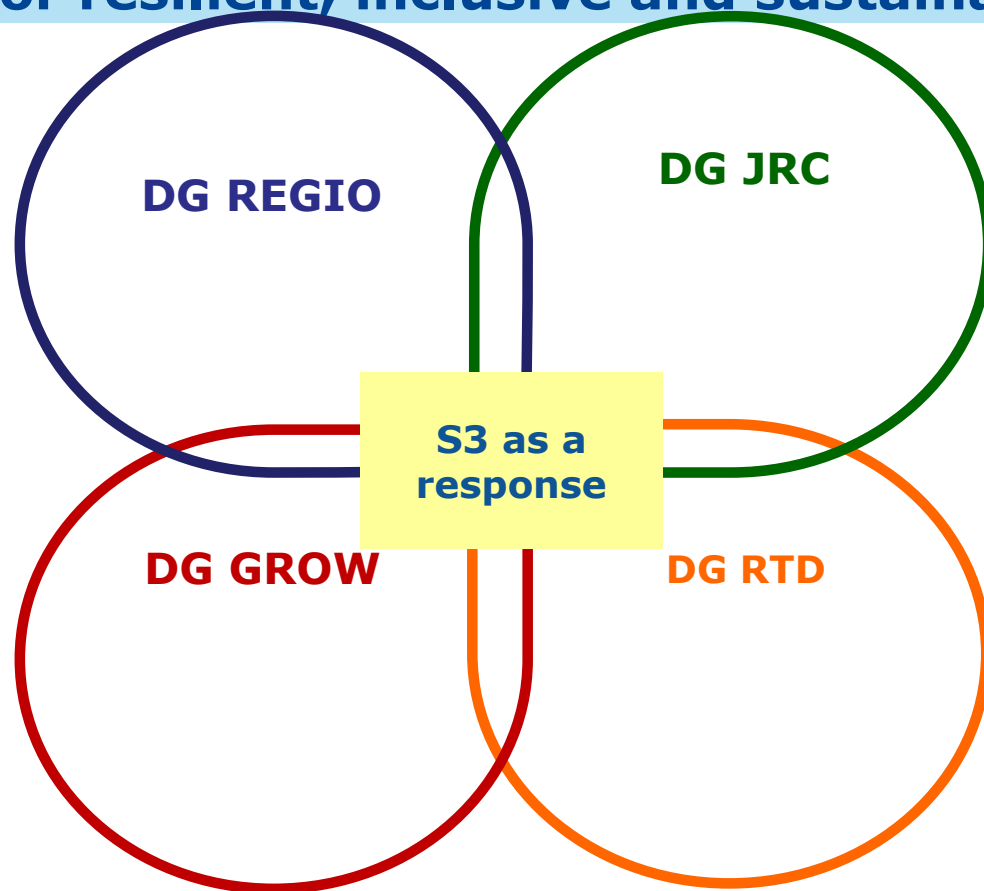
OUTLINE

1. The Future of Smart Specialisation and the S3 Platform

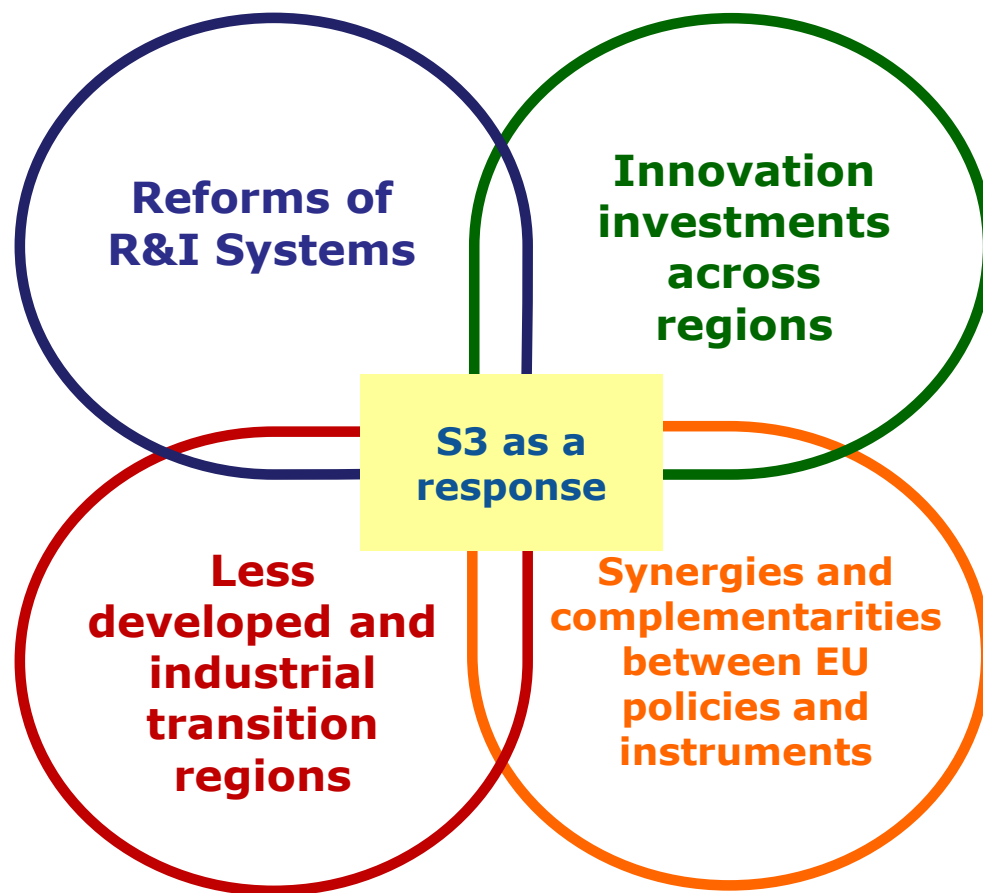
2. Inter-regional collaboration: The S3 thematic platforms:

- Industrial modernisation
- Agro-food
- Energy

The FUTURE OF INNOVATION AND S3 IN EUROPE: Communication "Strengthening Innovation in Europe's Regions: Strategies for resilient, inclusive and sustainable growth"



Communication "Strengthening Innovation in Europe's Regions: Strategies for resilient, inclusive and sustainable growth"



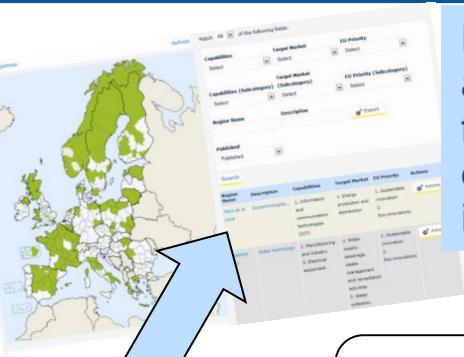
Main activities of S3 Platform

in support of the countries/regions implementing S3



Eye@RIS3 – an online database for S3 priorities, consulted 57,000 times in 2014

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



7. Research agenda

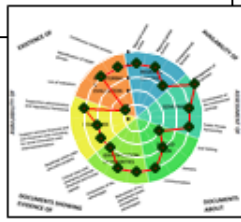
6. Interactive tools, S3 Newsletter and Website

1. The RIS3 methodological Guide & the Digital Agenda Toolbox



2. Transnational learning, Peer Review & thematic workshops

5. Inter-regional collaboration



4. RIS3 assessment and support to REGIO desks; ICT experts

3. Country- and Macro-region events



EUSBSR
EU STRATEGY
FOR THE BALTIC
SEA REGION



EDP Process



Business

Manufacturing and services
Primary sectors
Financial sector
Creative industries
Enterprises (large and SMEs)
Clusters and organisations



Research

Public and private research
bodies
Universities
Education and training
VET centres
Science and technology parks
Technology transfer offices



Public administration

Different government levels
Energy and innovation agencies
Regional development agencies
Business advice offices
Public procurement
departments
Public incubators



Civil society/ Users

Non-Governmental
Organisations
Citizens' initiatives
Societal challenges
Cooperative innovative solutions
Consumers associations
Talents



Joint
Research
Centre

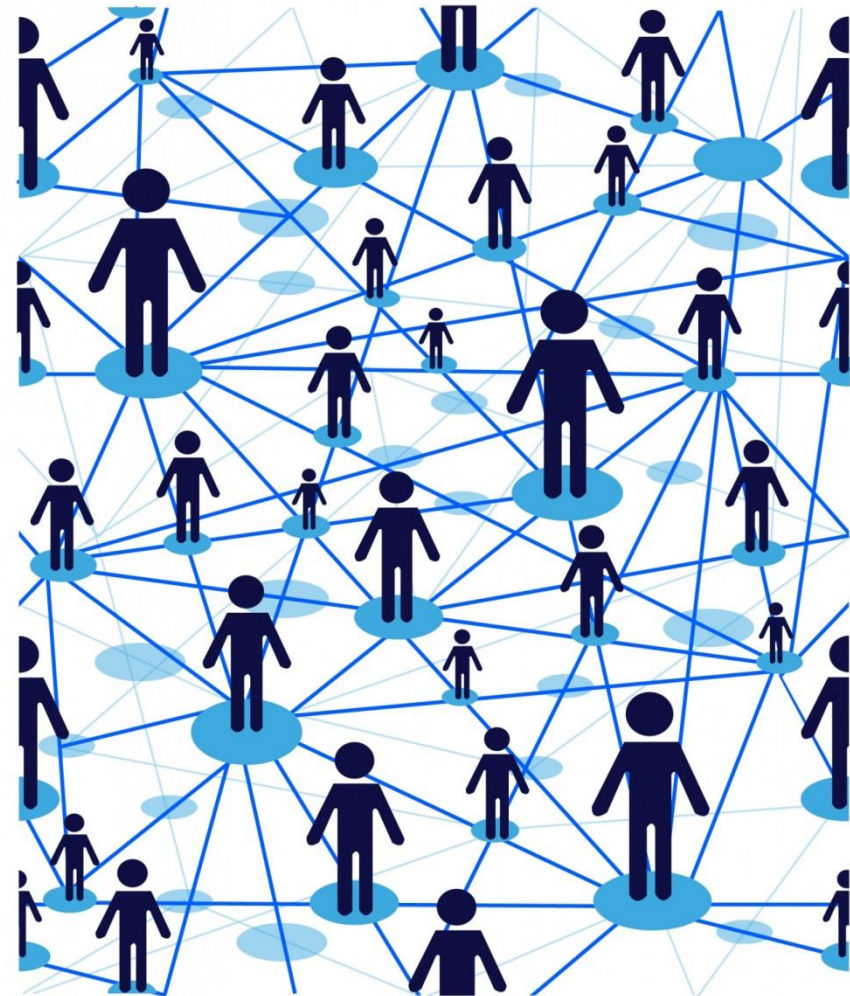
Impact of Smart Specialisation

60% of regional policy makers say:

"Smart Specialisation introduced significant adaptations in the stakeholder involvement process"*

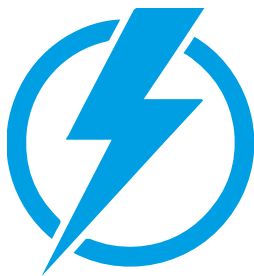
(20% speak of a "completely new process")

* 2016 Fraunhofer Institute for Systems and Innovation Research survey

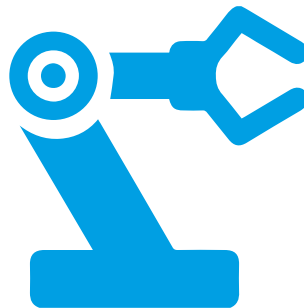


S3 thematic platforms

Working together to build synergies and find solutions for the optimal uptake of Cohesion Policy funds



Energy



**Industrial
modernisation**



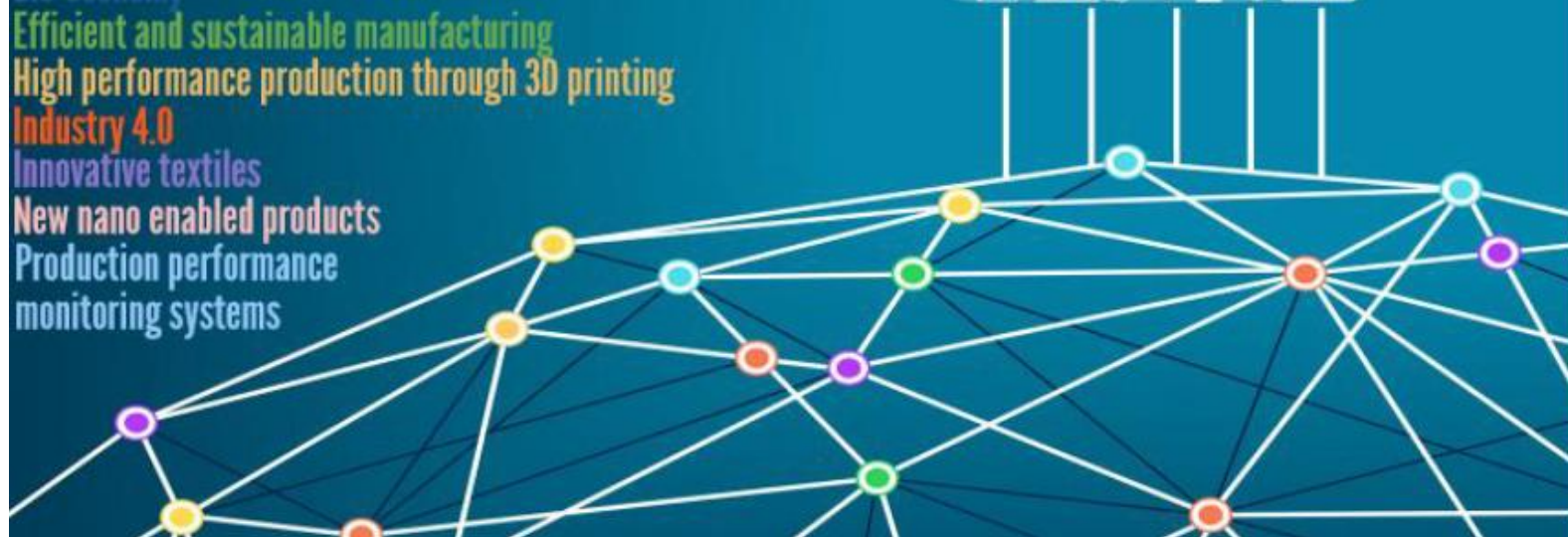
Agro-food



S3P – Industrial modernisation – all regions / MS-s represented by leads



Advanced manufacturing for energy applications
Bio-economy
Efficient and sustainable manufacturing
High performance production through 3D printing
Industry 4.0
Innovative textiles
New nano enabled products
Production performance
monitoring systems





Emerging partnership

Thematic area & expression of interest by

**Medical
technologies**

.....

Rhone-Alpes,
North-Rhein-
Westfalia



**Smart production and
circular economy in
power intensive
industries**

.....

Nordland



**Integrated
photonics**

.....

North
Brabant

Sports

.....

Lapland



**Tourism
safety**

.....

Lapland



**Security dual
use of defence
industry**

.....

Croatia



Smart Specialisation Platform on Industrial Modernisation

Current state of play

- **11 qualified partnerships**
- Recently approved partnership on:
 - Integrated photonics
 - Digitalisation and
 - safety in tourism
- **65 participating regional and national authorities**
- **18 lead regions**
- **DG RTD** joined the platform



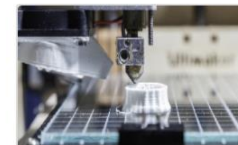
Advanced
manufacturing



Non-food Biomass



Efficient and
Sustainable
Manufacturing



3D-Printing



New Nano-Enabled
Products



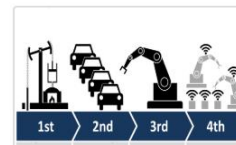
Textile Innovation



Medical technology



Photonics



SMEs to the Industry
4.0



Sport



Digitalisation and
Safety for Tourism

S3 Thematic Platform on Agro-food

Agro-Food and related priorities

Top
Category
2015

270+

The number of
encoded Agro-
Food priorities

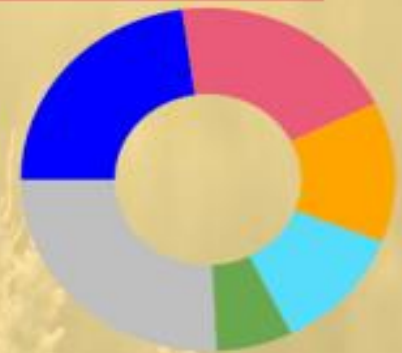
3 in 4

regions selected an
Agro-Food related
priority



1 in 5

Agro-Food priorities
focus on new
technologies



- (new) Technologies (23%)
- Tourism related (20%)
- Higher Added Value food (13%)
- Aquaculture, Maritime (12%)
- Eco-friendly production (7%)
- Others (26%)

Thematic Smart Specialisation on Agro-Food

Examples of leading regions and countries for thematic areas

High-tech farming

Tuscany

Vanguard initiative bio-economy pilot Agro-food

Vanguard initiative

Nutritional quality of mass-catering

South Ostrobothnia



Traceability and big data

Andalusia

Sustainable development of production field crops

North East region (Romania)

Smart Specialisation Platform on Energy (S3PEnergy)

Main features

Inter-Service EC initiative



Scientific support

Methodologies to identify
societal challenges

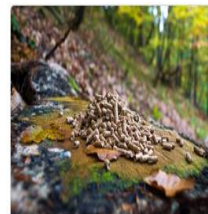


Define regional S3 priorities, e.g.:
bioenergy, biofuels and eco-building

Benefits for EU regions

- **Policy research and implementation advice**
Working papers, policy briefs, capacities mapping, pilot activities modelling, exploration of funding possibilities, etc.
- **Mutual transnational learning arena**
Matching regions and S3 priorities, networking, cooperation activities, peer-reviews
- **Communication**
Events, conferences, website, S3PEnergy community

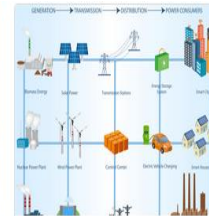
5 interregional partnerships



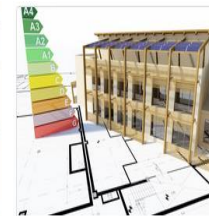
Bioenergy



Marine Renewable
Energy



Smart Grids



Sustainable Buildings



Solar Energy

Thank you for your attention!



#S3PEnergy @S3Platform

