

# The European Commission's science and knowledge service

## Joint Research Centre



European  
Commission

# **Implementing SDGs through Smart Specialisation**

**Innovative Partnerships for Sustainable  
Consumption and Production**

**Geneva, 26-27 March 2018**

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**S3 Platform, DG JRC, European Commission**

# Smart Specialisation Platform

**Inside the European Commission -**  
Support to various policy DGs

**Outside the Commission -** Support to countries and regions developing and implementing their RIS3 and to their 'triple/quadruple helix' partnerships

**In the scientific community -**  
Contribution to the conceptual and methodological debate around smart specialisation

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

The screenshot shows the homepage of the Smart Specialisation Platform (S3P). The header features the European Commission logo and the S3P logo. The main navigation bar includes links to Home, S3 Platform, Sections, Tools, News, Events, and Knowledge Repository. A search bar is located on the right. The main content area is divided into several sections:

- 2018 SMARTER Conference on Smart Specialisation:** A banner announcing the conference, which offers a comprehensive picture of S3 policy experience and highlights recent developments. It will take place from the 26th to 28th September 2018 in Seville (Spain).
- Join the SMART SPECIALISATION PLATFORM:** A section with a map of Europe and a call to action.
- What we can do for you:** A section listing the services provided by the S3 Platform, including guidance material, strategy formation, peer-reviews, data access, and training.
- S3P Calendar:** A calendar for March 2018, showing dates and events.
- Thematic Platforms, Guidance, Targeted Support:** A grid of icons representing different S3P services.
- Reports & Publications:** A section for accessing reports and publications.

The footer includes the European Commission logo and the text "European Commission".

# S3 in Practice: Supporting Innovation-led Growth in EU Regions

Promote Transnational learning, Interregional collaboration & partnerships via:

**Supporting tools**: Regional priorities (Eye@RIS3), Regional Benchmarking, ICT Monitoring, Digital Innovation Hubs...

**Guidance**: RIS3 Guide, Implementation Handbook, Digital Agenda Toolbox, Good Practice Examples, FAQs...

**Analysis**: Conceptual and empirical developments, Policy Briefs, Peer Reviews, Working Papers...

# Internationalisation of S3: S3 Implementation and Reasons for opening up

- get access to wider business and knowledge networks
- get necessary research capacity
- reaching out to other markets
- expanding business opportunities
- combining complementary strengths
- joining global and European value chains



# Implementing RIS3 through transnational cooperation

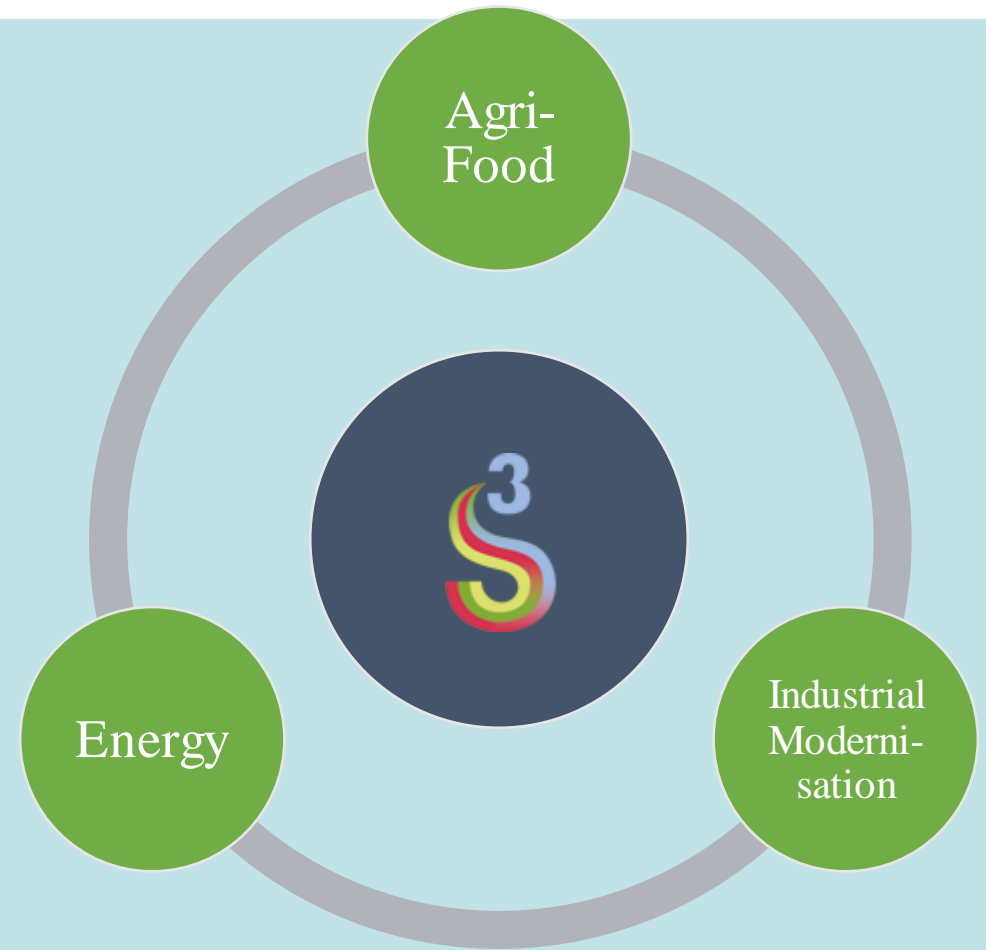
Several challenges have been identified:

- **Challenge 1:** Develop a stronger place-based regional innovation eco-system through **improved internal connectivity** between existing industrial and knowledge provision actors.
- **Challenge 2:** Grow a larger, stronger and more dynamic regional innovation eco-system by **opening it up and connecting** it to macro-regional and European knowledge networks and systems of innovation.
- **Challenge 3:** Create economic growth through **innovation expanding across borders**.

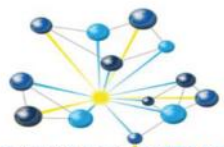


# Main thematic areas: Agri-Food, Energy and Industrial Modernisation

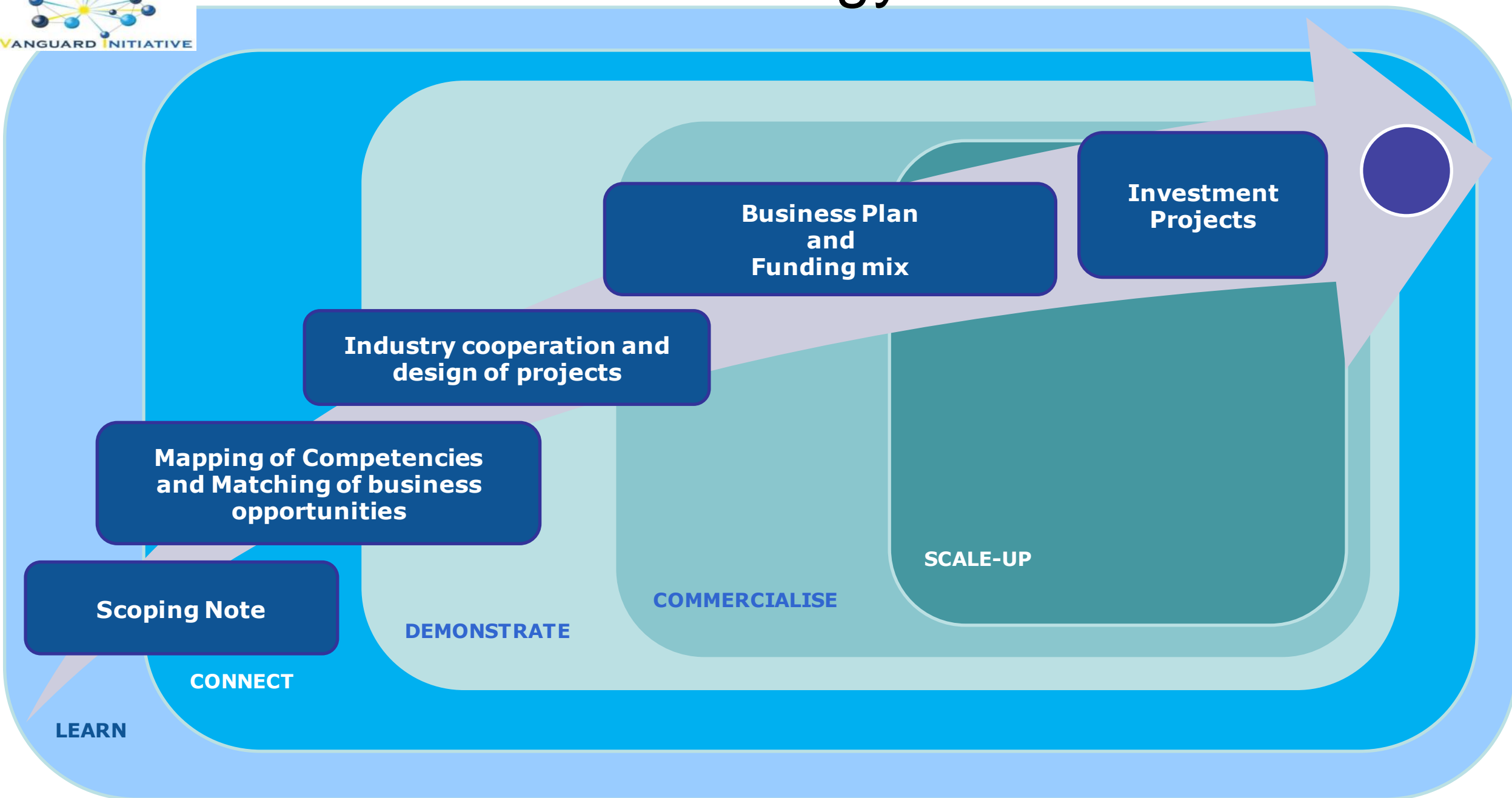
- To support interregional **cooperation in new growth areas**, aiming to build an investment pipeline of bankable projects;
- To provide **tailored advice** and help regions **establish links** with the business and research communities;
- To help regions **develop shared infrastructure** such as testing facilities, pilot plants, etc.



# Methodology

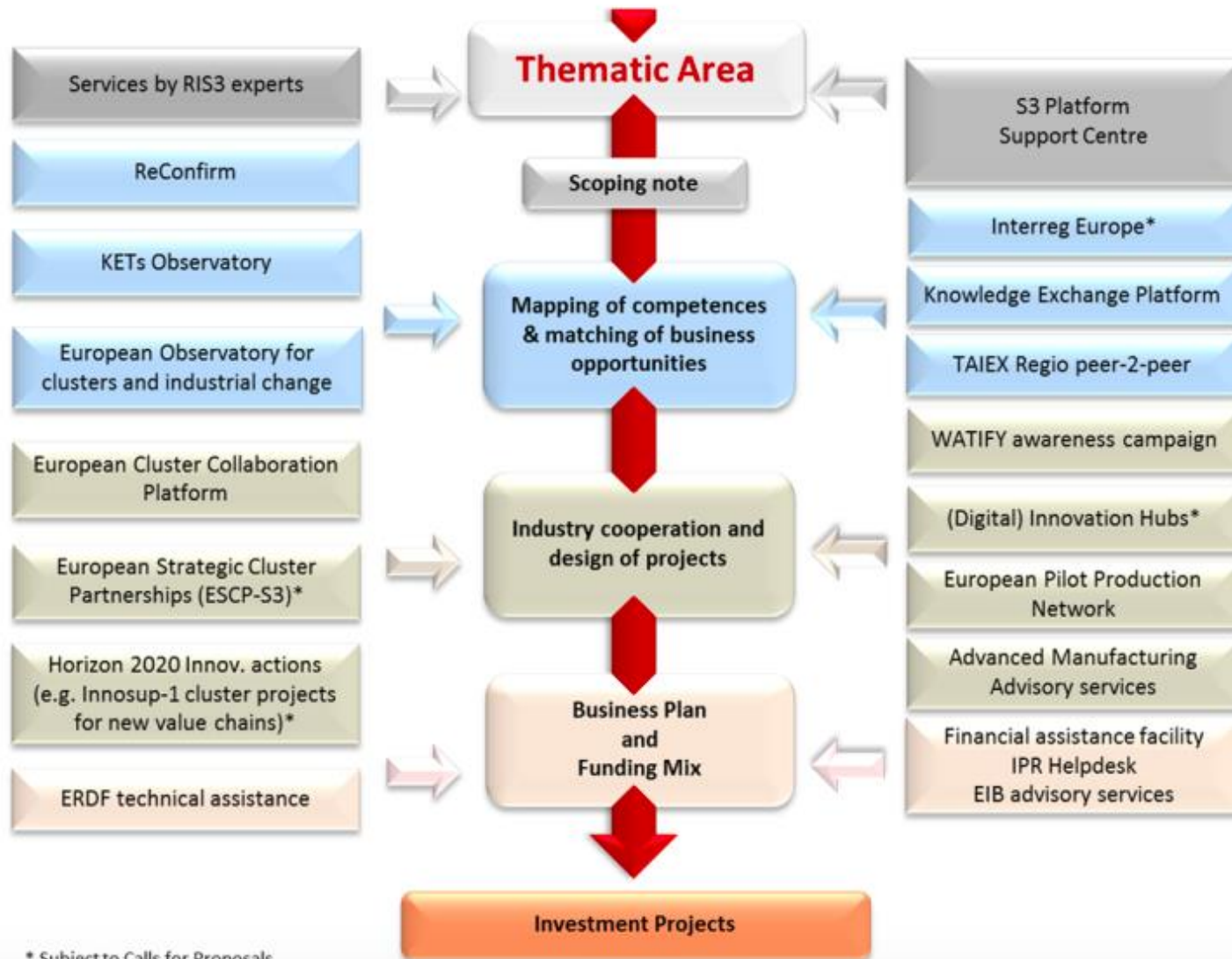


VANGUARD INITIATIVE






# Direct EU support actions




Partnerships established under the three thematic Platforms benefit from a number of EU support actions in each phase.

# Call for Expressions of Interest



## SMART SPECIALISATION PLATFORM



European Commission / Smart Specialisation Platform / Sections / Thematic Platforms / Agri-Food / Expression of interest

HomeS3 PlatformSectionsToolsNewsEventsKnowledge Repository

### Thematic Platforms

- Agri-Food
  - Expression of interest**
  - Bio-Economy
  - High Tech Farming
  - Smart sensor systems 4 agri-food
  - Traceability & Big Data
- Energy
- Industrial Modernisation
- About our methodology

### Expression of interest

**OPEN CALL NOTICE:** We are now collecting proposals for interregional partnerships.

**Submission procedure for coordinating/lead regions**

EU regions are invited to propose a **thematic area** that is of their interest and it is linked to their smart specialisation strategies (RIS3), and in which they wish to collaborate on with other regions in the development of new value chains.

Submissions are welcome from one region or a group of regions which are keen to act as coordinating/leading region(s).

**To submit your proposal (Expression of interest), please fill in an on-line form.**

A limited number of thematic areas can be supported at a first stage by an expert support service. The expert support service will provide advice and support services in developing a scoping note for a proposal to identify and specify an area for co-investment, with high potential business and innovation, through combining smart specialisation investments across committed regions.

Expert support services can be provided to the lead-region(s) whose proposals are selected.

☒ Save a backup on your local computer (disable if you are using a public/shared computer)


### Thematic Smart Specialisation Platforms for Agri-Food / Energy / Industrial Modernisation

Expression of interest for the development thematic sub-areas

Fields marked with \* are mandatory.

EU regions and member states are invited to propose a thematic area that is of their interest and it is linked to agri-food, energy or industrial modernisation and their smart specialisation strategies (RIS3), and in which they wish to collaborate on with other regions or members states in perspective of starting a partnership for co-investment in the development of new value chains. Submissions are welcome from one region or a group of regions which are keen to act as coordinating/leading region(s). To submit your proposal, please fill in the survey below.

**Please note that this Call will close on the 31st of March 2018.** It is anticipated that the evaluation of all new submissions will be completed by the 31st of May 2018.



**Title of proposed subtheme/focus area**

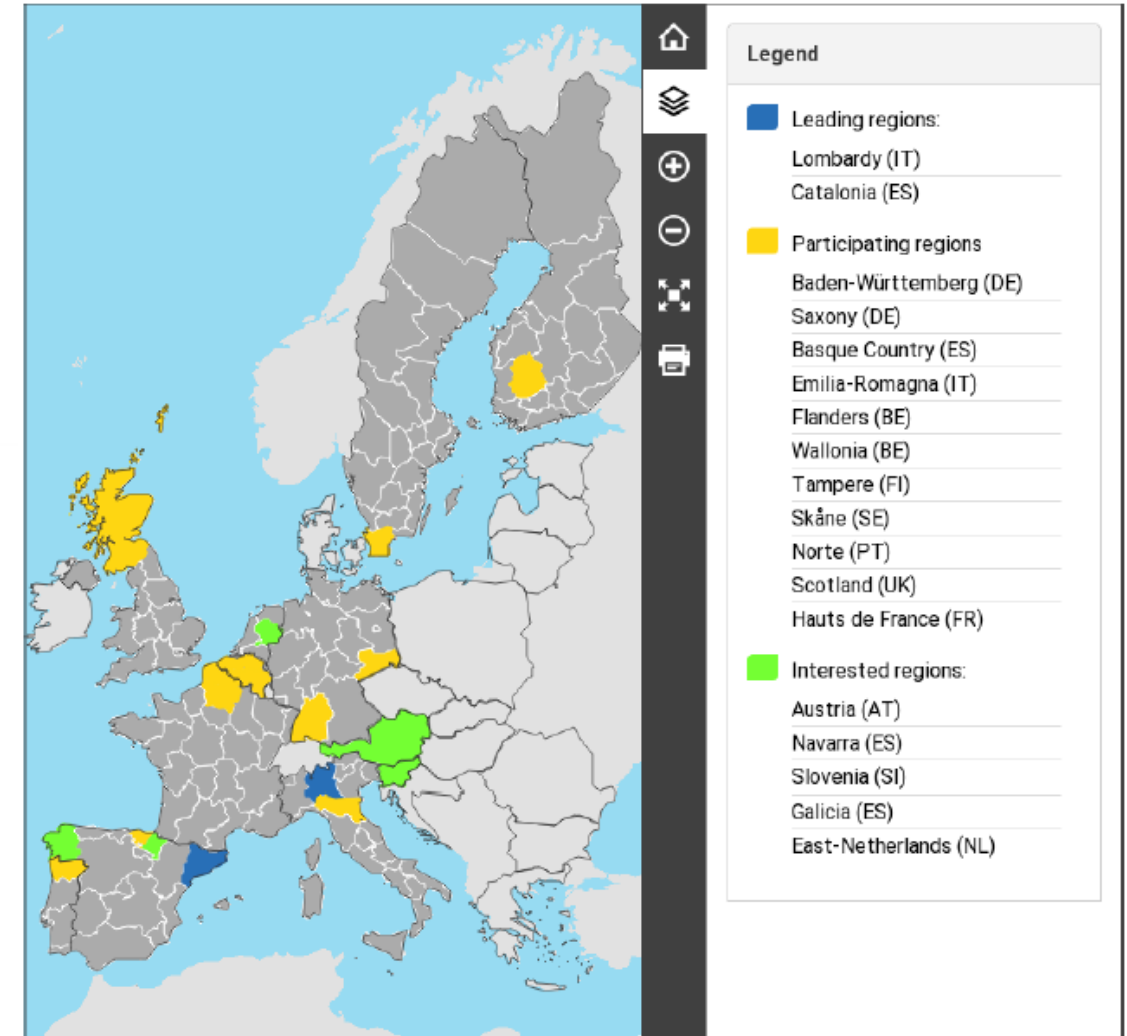
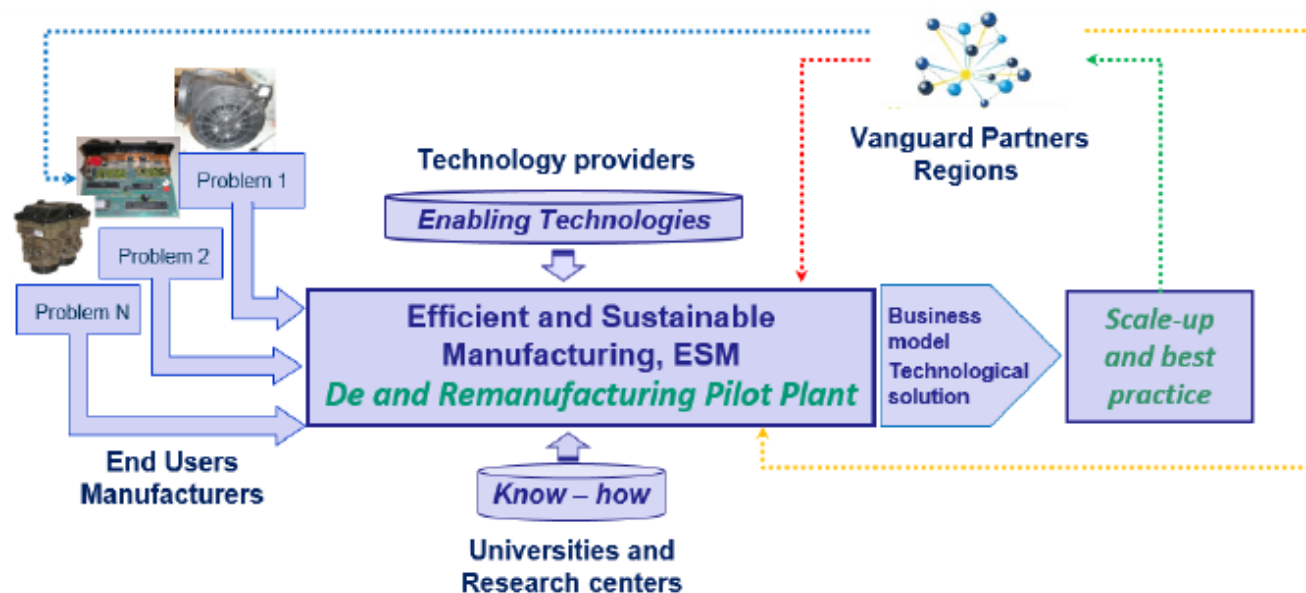
# Platform: **Industrial Modernisation**

## Partnership: **Efficient and Sustainable Manufacturing (VI)**

### Pilot: **De-and Remanufacturing pilot network**



*De- and Remanufacturing* includes the set of technologies, tools and knowledge-based methods to recover, re-use and upgrade functions and materials from industrial waste and post-consumer high-tech products, under a new producer-centric Circular Economy perspective.





# Platform: **S3P Agri-Food**

## Partnership: **Traceability & Big Data**



### Focus on 3 specific and 1 cross-cutting topics:

**ST 1.** TBD in the 'Lifecycles of the value chain'

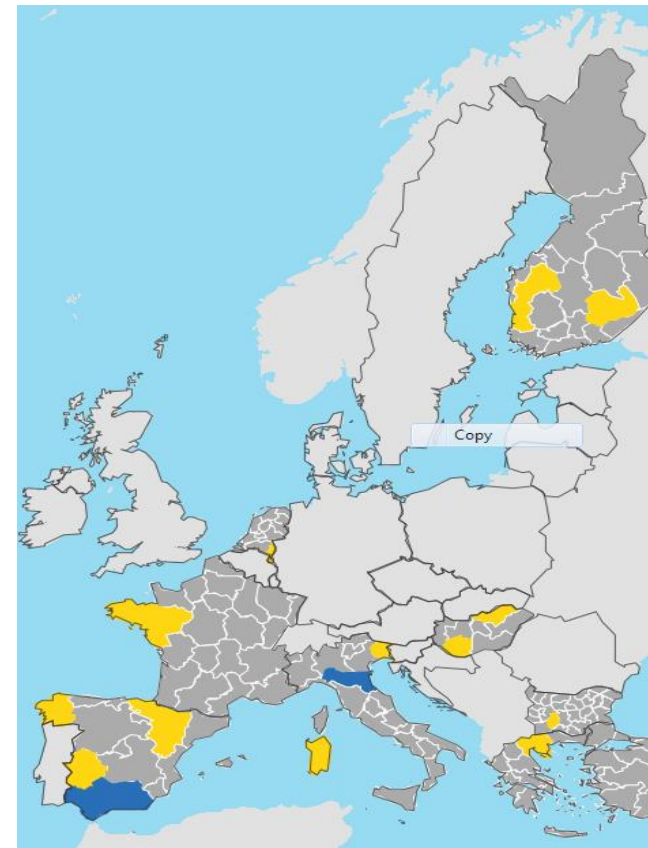
**ST 2.** TBD 'Smart monitoring of the value chain (agricultural production, agri-food industry, logistics, distribution and consumers) to improve the overall competitiveness of the agri-food sector'

**ST 3.** TBD to 'incorporate consumer experience and the different operators in the food chain in decision-making processes'

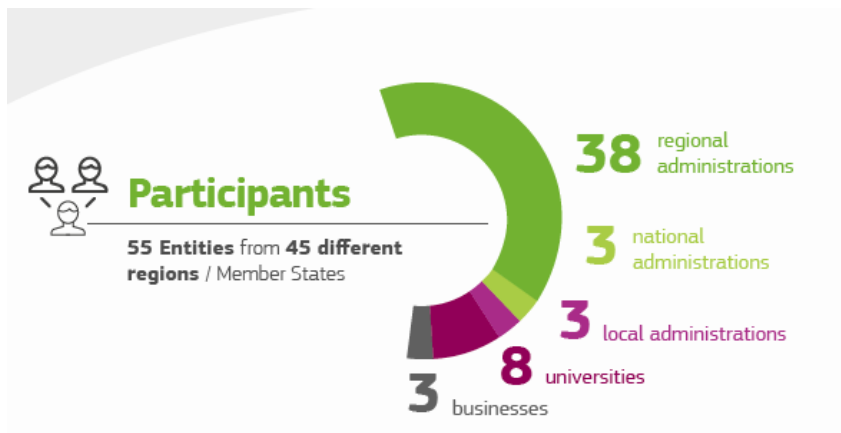
**Cross-cutting topic:** Open data, interoperability, data governance and information security, cyber security.

More info: <http://s3platform.jrc.ec.europa.eu/traceability-big-data>

*18 participating regions*

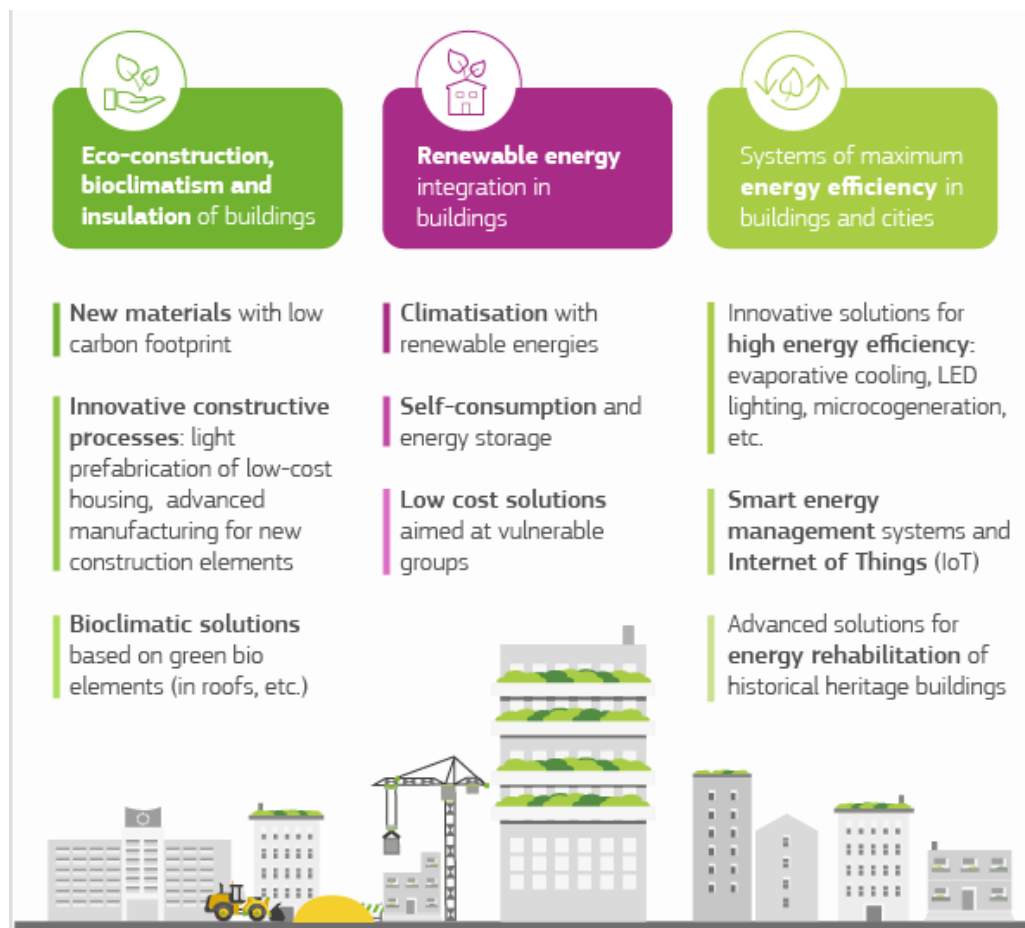


Leading Regions
Andalucia (ES)
Emilia-Romagna (IT)
Participating regions
Aragon (ES)
Basque Country (ES)
Brittany (FR)
Central Macedonia (EL)
Extremadura (ES)
Friuli Venezia-Giulia (IT)
Galicia (ES)
Hajdu Bihar (HU)
Limboung (NL)
Middle Black Sea (TR)
Navarra (ES)
Pays de la Loire (FR)
Pazardzhik (BG)
Sardinia (IT)
Satakunta (FI)
South Ostrobothnia (FI)
South Savo (FI)
South Transdanubian (HU)



# Platform: **S3P Energy**

## Partnership: **Sustainable Buildings**



More info: [about the Partnership on Sustainable Buildings](#)

# Platform: **Industrial Modernisation**

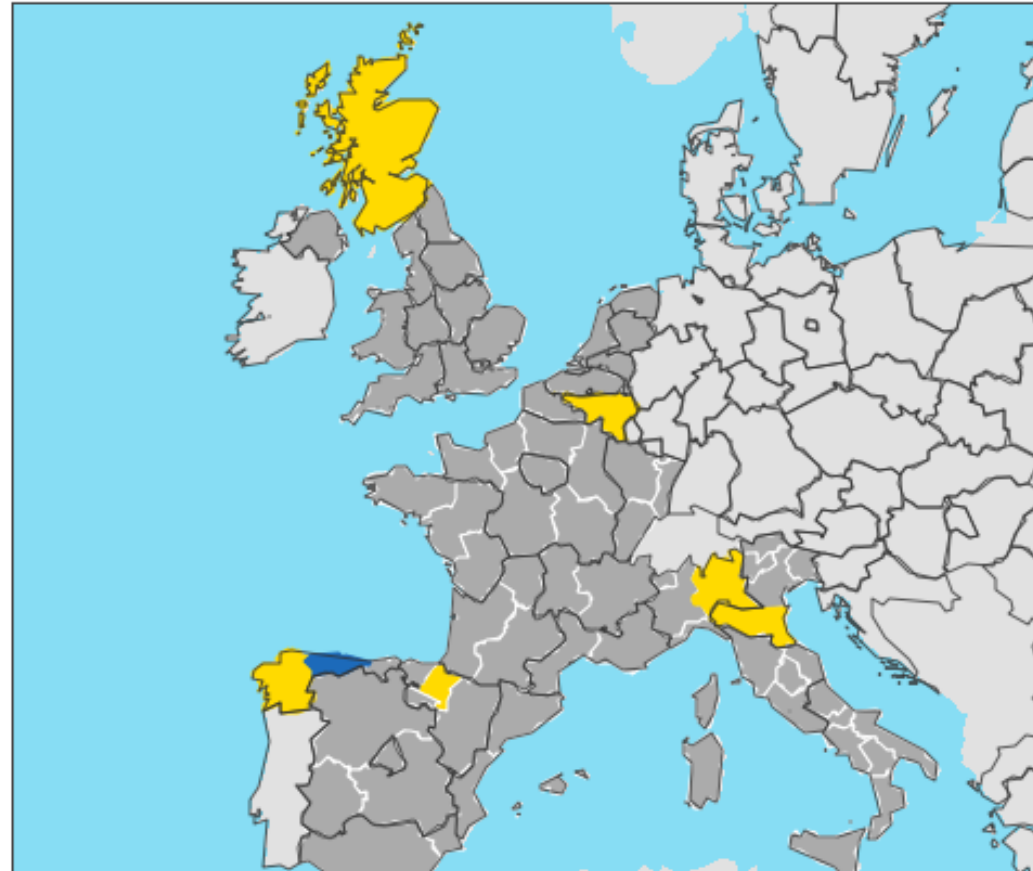
## Partnership: **Bio-economy (VI)**





### **The Bio-economy pilot is a VI partnership:**

One of their 7 cases focuses on **Food & Feed from Agrofood Waste**

Challenge: Extracting functional foods and feed from different waste streams, such as fish, domesticated animals, cereals, fruit, and vegetables.



-  Leading Region (Agrofood)  
Scotland (UK)
-  Participating regions (Agrofood)
  - Asturias (ES)
  - Emilia-Romagna (IT)
  - Flanders (BE)
  - Haute de France (FR)
  - Lombardy (IT)
  - Navarra (ES)
  - South Netherlands (NL)
  - Wales (UK)

More info: <http://s3platform.jrc.ec.europa.eu/bio-economy2>



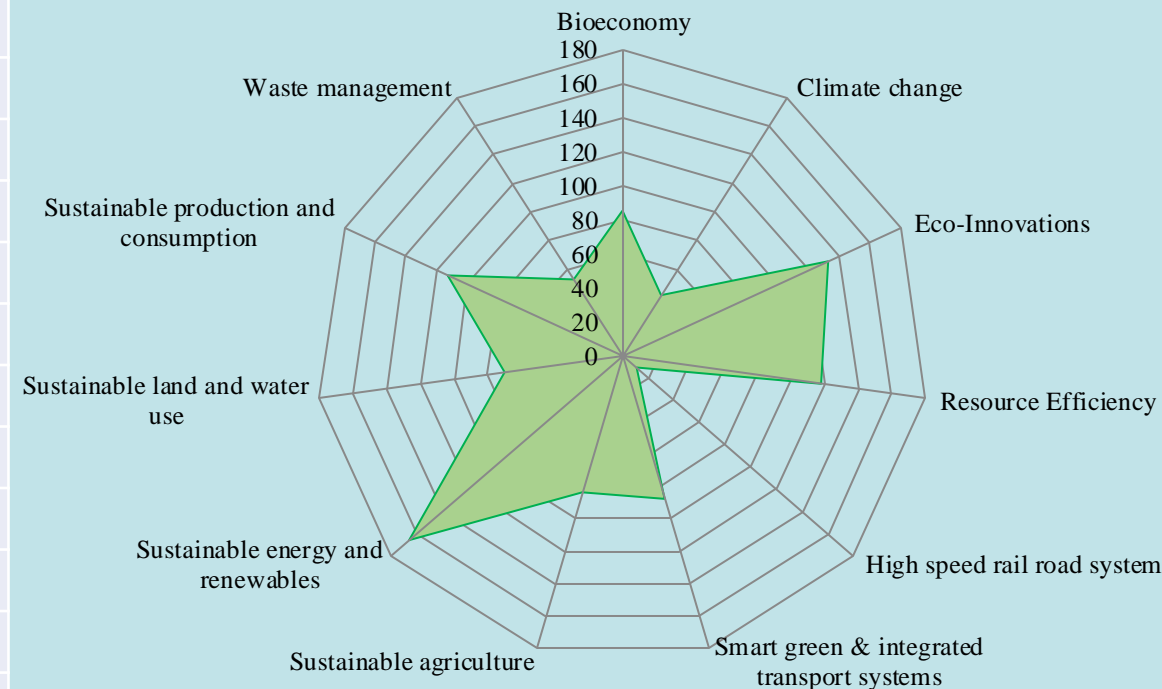
# DG REGIO pilots: tailored support under a new EU-funded pilot action for innovative projects

8 interregional partnerships have been selected:

1. A partnership involving 8 regions led by Noord-Brabant (NL), Flanders (BE) and Norte (PT) will develop joint projects in the field of **3D printing**;
2. A group of 9 regions led by Flanders (BE) will work together in the **bio-economy sector**;
3. Bretagne (FR), together with 3 regions and Estonia, will focus on **cybersecurity**;
4. Lombardy (IT) and 7 other regions have chosen the circular economy, and more specifically **de- and re-manufacturing**, as their speciality;
5. Toscana (IT), 21 other regions and Estonia will dedicate common efforts to develop new solutions in **high-tech farming**;
6. Scotland (UK) and País Vasco (ES) are coordinating a group of 16 regions for joint projects in the field of **marine renewable energy**.
7. Andalucía (ES) and 5 other regions have defined **sustainable buildings** as their thematic priority;
8. Andalucía (ES) and Emilia-Romagna (IT) lead a group of 9 regions who will come up with innovative projects in the fields of **traceability and big data in agri-food**.

# Sustainable Innovation: RIS3 priorities (source: Eye@RIS3, March 2018)

Policy objective	N	Priority level	
		National	Regional
Bioeconomy	85	11	74
Climate change	42	9	33
<b>Eco-Innovations</b>	<b>133</b>	12	121
<b>Resource Efficiency</b>	<b>118</b>	21	97
High speed rail road system	11	2	9
Smart green & integrated transport systems	88	12	76
Sustainable agriculture	84	9	75
<b>Sustainable energy and renewables</b>	<b>166</b>	19	147
Sustainable land and water use	70	11	59
<b>Sustainable production and consumption</b>	<b>113</b>	17	96
Waste management	53	7	46





# Thank you!

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