



European initiatives promoting European Value Chains (EVCs)

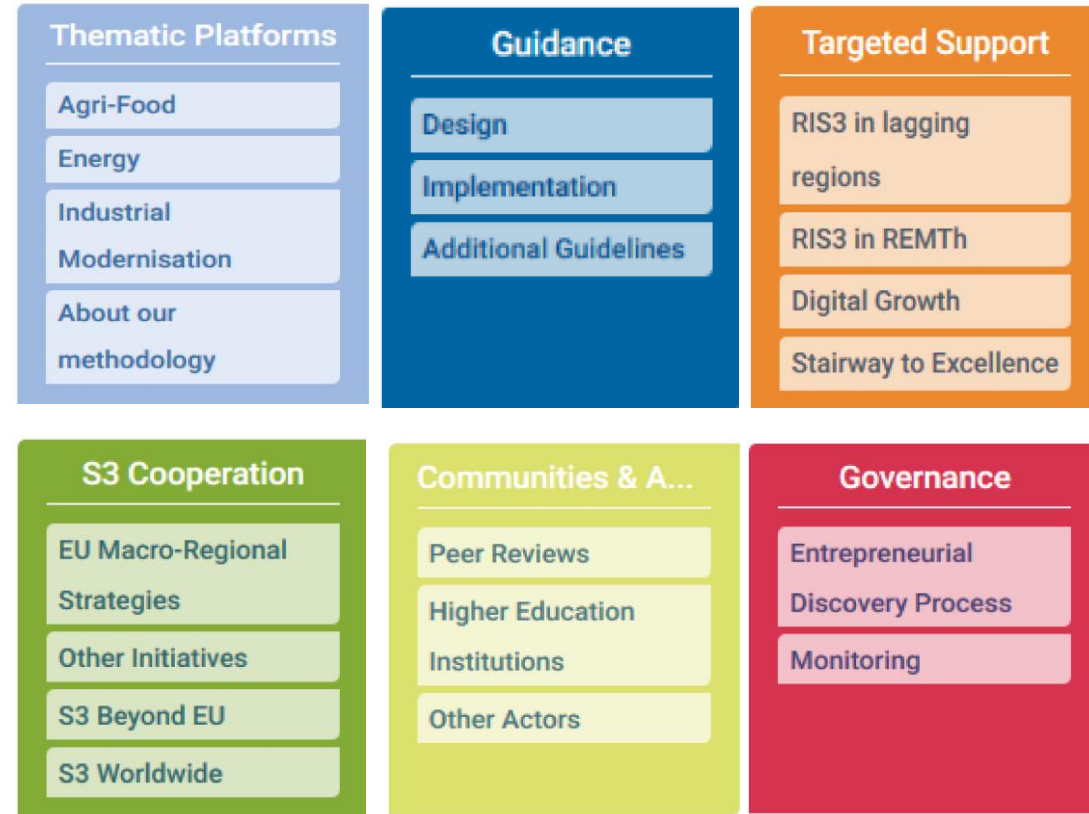
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JRC.B3. Territorial Development unit
23 June 2020

The Smart Specialisation Platform supporting innovation-led growth in EU regions



The S3 Platform provides advice to EU countries and regions for the design and implementation of their S3:

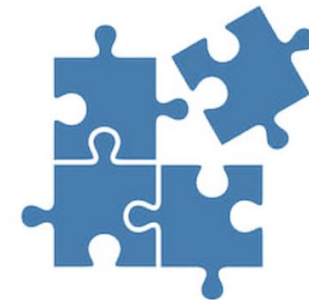
- Provide **guidance material**:
RIS3 Guide, Implementation Handbook, Digital Agenda Toolbox...
- Support access to relevant **data and tools**:
S3 priorities (Eye@RIS3), Regional Benchmarking, Energy ESIF Monitoring, Digital Innovation Hubs...
- Facilitate **peer-reviews and mutual learning**
- **Train** policy-makers: *MOOC...*
- **Analyse**: *Conceptual and empirical developments, policy briefs, working papers...*



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

3 Thematic Platforms – 32 Partnerships

S3P Agri-Food - **S3P Energy** - **S3P Industry**



Taking advantage of the outward-looking dimension of S3:

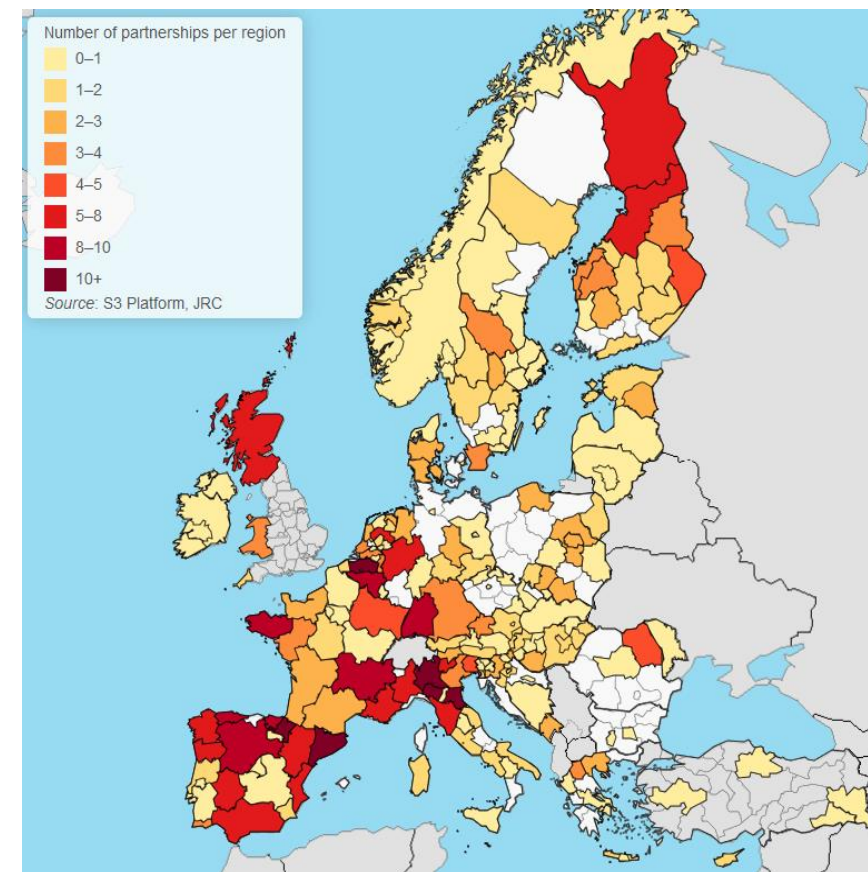
➤ **Thematic S3 Platforms** connect regional **innovation eco-systems** and provide **interactive & participatory environment** (quadruple helix and bottom-up) supporting **interregional cooperation**

- Launched in 2015-2016
- 208 regions from 33 EU + non EU countries

➤ **Thematic Interregional S3 Partnerships:**

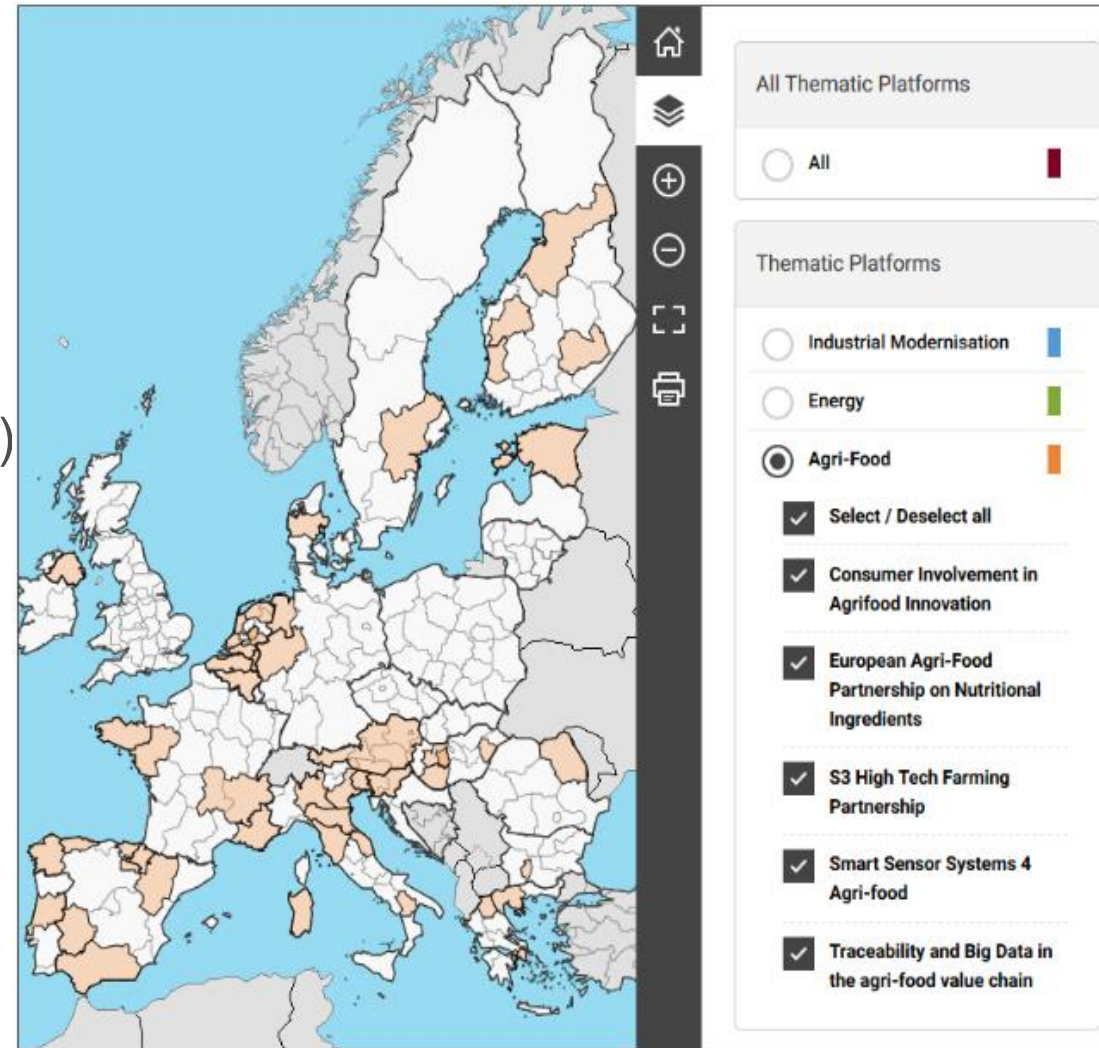
Based on their local priorities, EU regions have partnered around **areas of common interest** and **joined forces** to:

- **avoid duplication,**
- exploit **complementary strengths** across the EU,
- increase **critical mass,**
- build **synergies** with other regional, national and EU networks and initiatives,
- enhance the development & investments in **EU value chains**



S3 Thematic Platform on **Agri-food**

- **5 partnerships:**
 - Consumer Involvement in Agri-Food (4 regions/MS)
 - High-tech Farming (34)
 - Nutritional Ingredients (11)
 - Smart Sensors for Agri-Food (15)
 - Traceability and Big Data (22)
- **61 territorial administrative units**
- **EC DGs involved: AGRI, REGIO, RTD & JRC**



High Tech Farming



Traceability & Big Data



Nutritional Ingredients

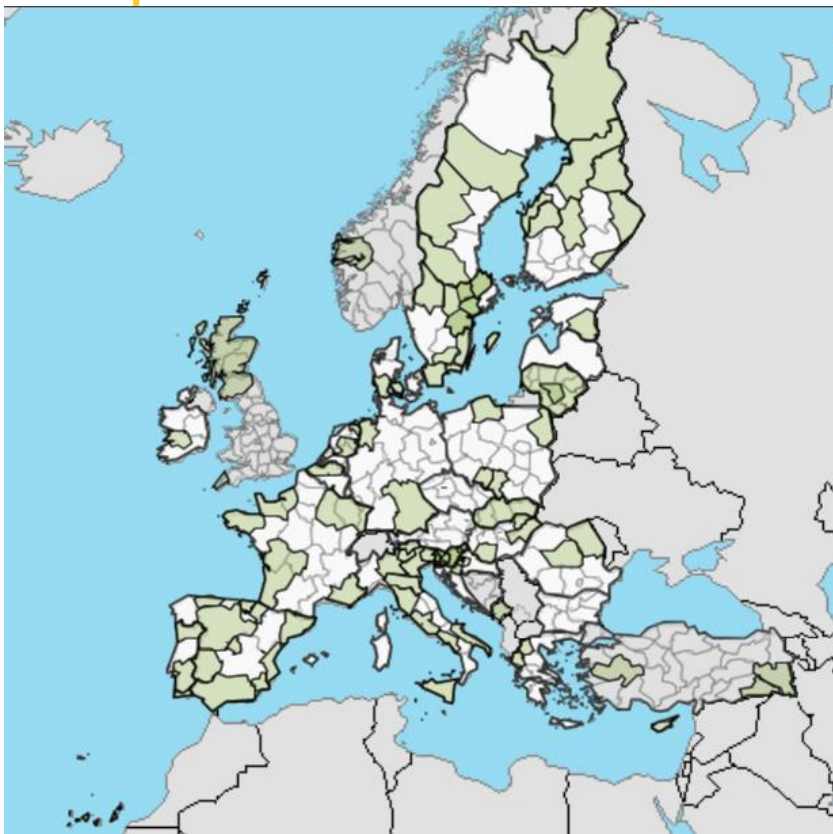


Consumer Involvement
in Agri-Food



Smart Sensors 4 Agri-
Food

S3 Thematic Platform on **Energy** (SP3Energy)



- **6 partnerships** in energy + Heating & Cooling initiative
- **89 territorial admin. units** in 27 different countries
- Objectives:
 - 1) Support the implementation of the S3 of the regions/countries that have chosen energy-related priorities in their RIS3 (TO1)
 - 2) Assist countries in the optimal uptake of the Cohesion Policy funding opportunities for energy (TO4 & TO7e)
- **DGs involved:** REGIO, ENER y JRC

<https://s3platform.jrc.ec.europa.eu/s3p-energy>



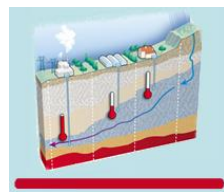
BIOENERGY



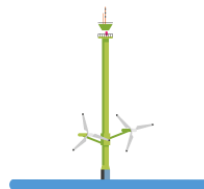
SMART GRIDS



SOLAR ENERGY



GEOTHERMAL



MARINE RENEWABLE
ENERGY

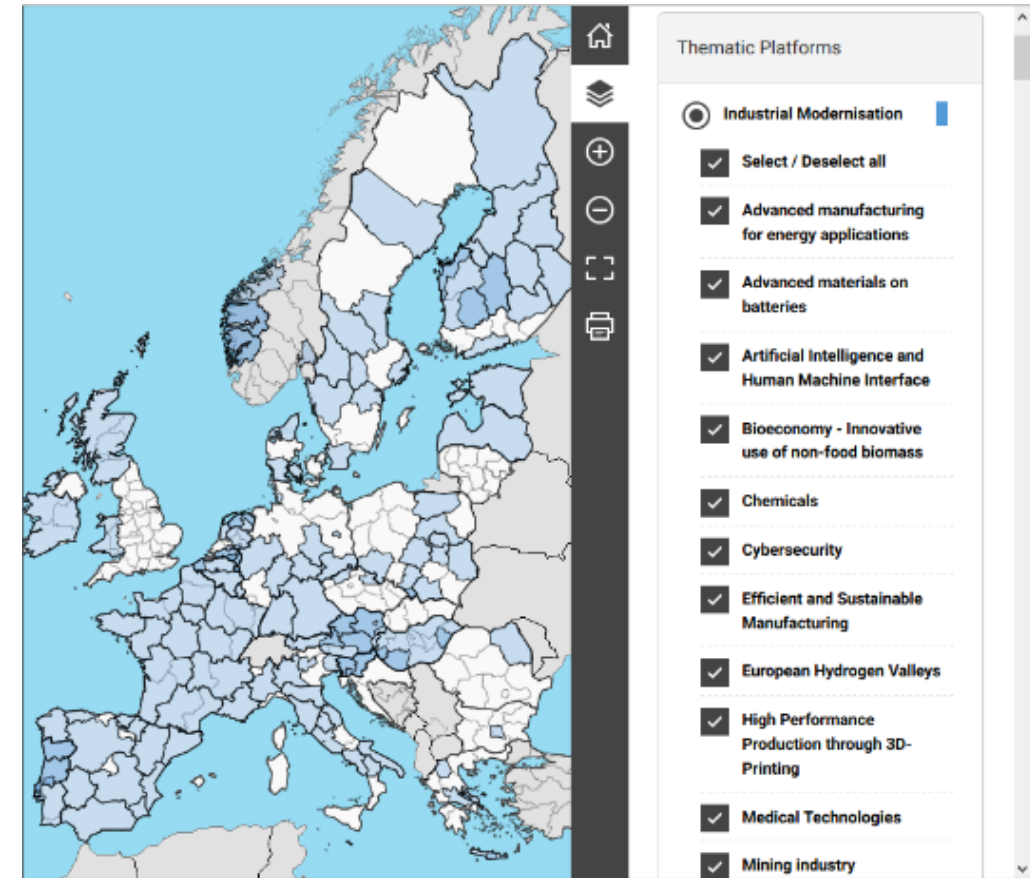


SUSTAINABLE
BUILDINGS



S3 Thematic Platform on Industrial Modernisation

- Aims to support EU regions committed to generate a pipeline of industrial investment projects following a bottom-up approach - implemented through interregional cooperation, cluster participation and industry involvement.
- **EC DGs** involved: REGIO, GROW, RTD and JRC



<https://s3platform.jrc.ec.europa.eu/industrial-modernisation>

S3 Thematic Platform on Industrial Modernisation

- 21 partnerships
- 130 territorial administrative units
- 31 leading regions / 4 DGs
- 1 Steering Committee



Advanced manufacturing



Non-food Biomass



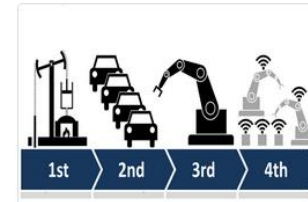
Efficient and Sustainable Manufacturing



3D-Printing



New Nano-Enabled Products



SMEs to the Industry 4.0



Sport



European Cyber Valleys



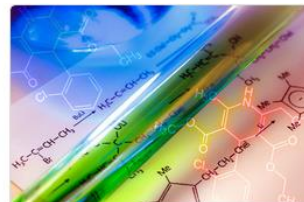
Social Economy



Artificial Intelligence & Human Machine Interface



Personalised medicine



Chemicals



Safe and sustainable mobility



Digitalisation and Safety for Tourism



Advanced materials for batteries



Mining industry



Water Smart Territories



Textile Innovation



Medical technology

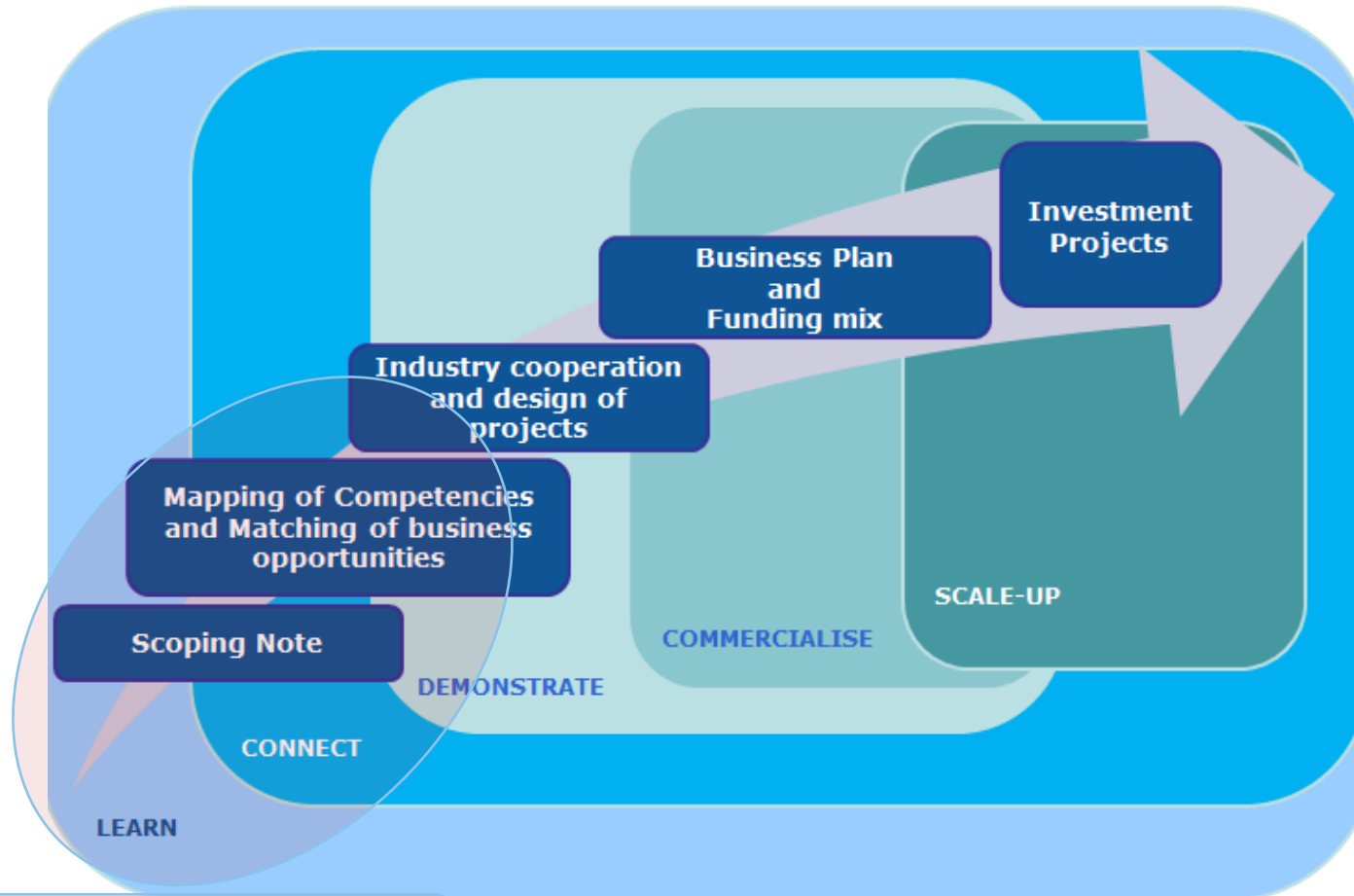


Photonics



Hydrogen Valleys

S3P support: Methodological Manual



JRC S3 Platform
support

To assist public authorities responsible for *designing and delivering interregional investment projects* in the S3 context and ensure that these joint projects attract private sector interest sufficient to ensure their sustainability.



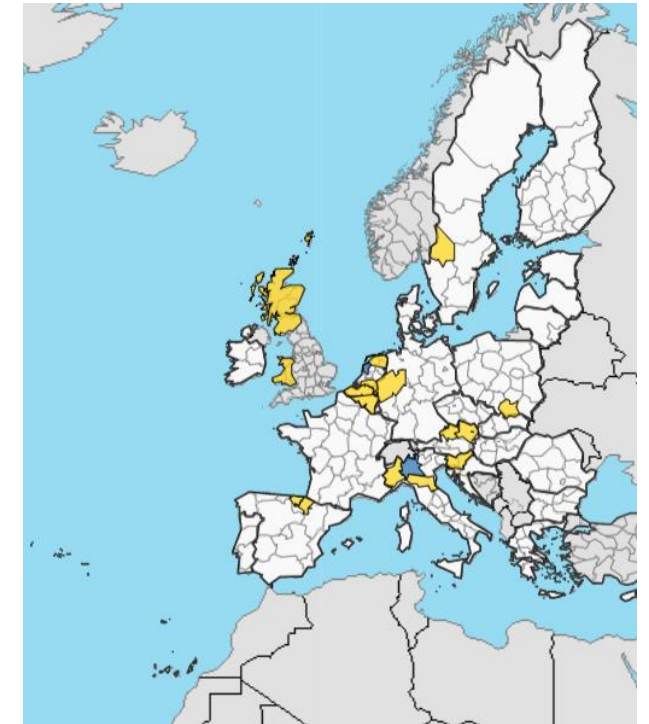
https://publications.jrc.ec.europa.eu/repository/bitstream/JRC116630/s3p-thematicmanual_online.pdf

Bio-Economy - Interregional cooperation on innovative use of non-food Biomass

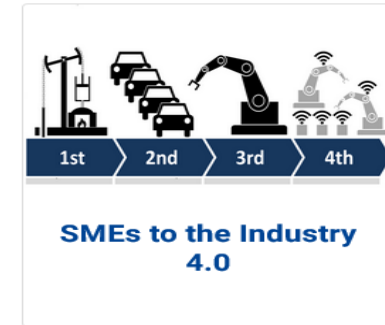


This partnerships concerns the implementation of synergies in new biobased value chains cross regions based on their smart specialisations.

Its main objective is to develop new integral Biobased value chains and new connections between sectors as chemistry, agro, wood & paper, cosmetics and energy, leading to new interregional business opportunities and co-investment through interregional cooperation and partnerships for co-investment, exchange of information and ideas.

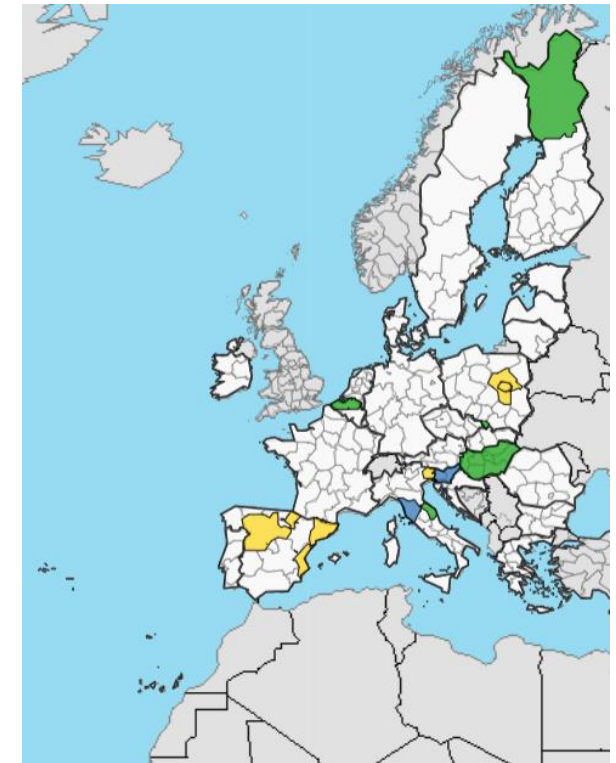


SME-s to the Industry 4.0



For Industry 4.0 paradigm, the digital transformation is the one of the most important business trends. To be successful, the digital transformation has to involve not just single companies, but all the partners across the extended value chain, including Digital Innovation Hubs. The digitalisation should allow partners along the supply chain:

- ❑ to improve products and/or services;
- ❑ to reduce costs;
- ❑ to manage operations in a more efficient way thanks to Production Performance Monitoring;
- ❑ to better stand their competition position (access to data and information useful to fasting and better answer to the market needs).

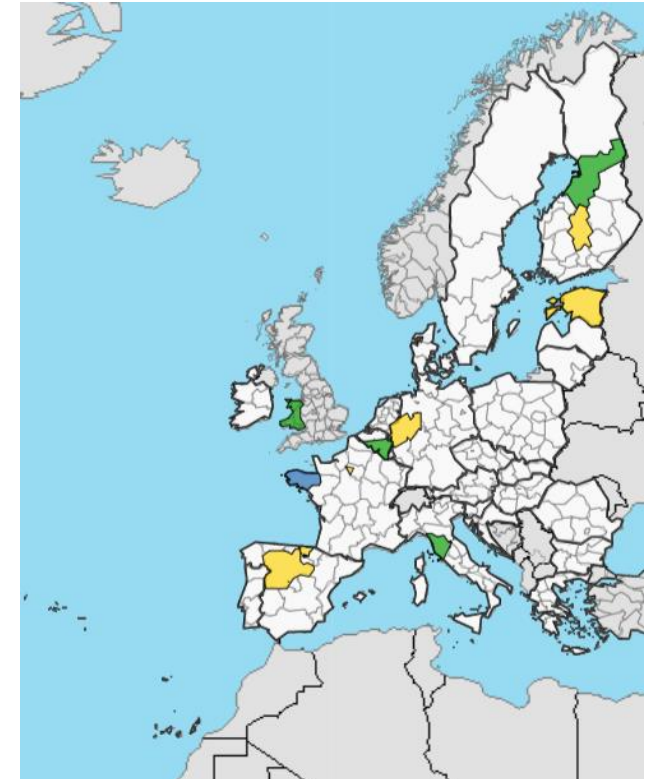


European Cyber valleys



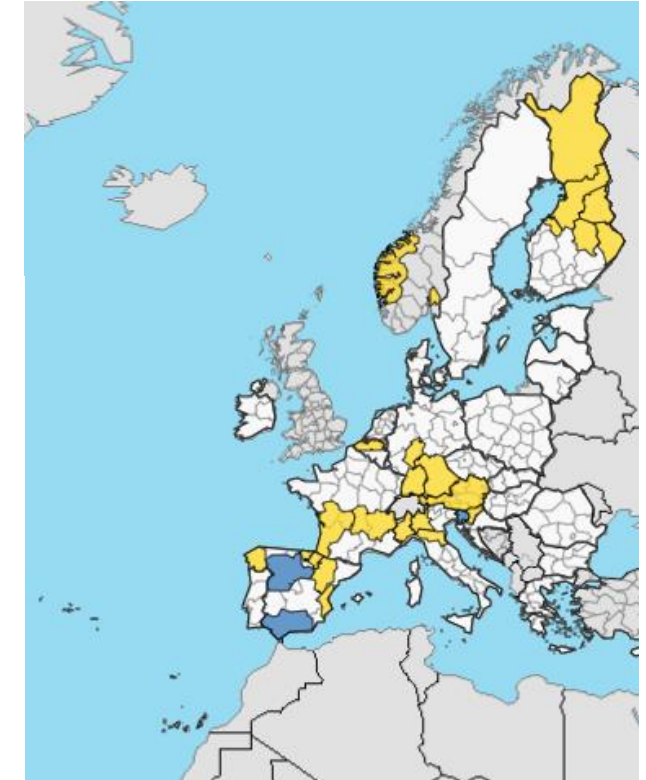
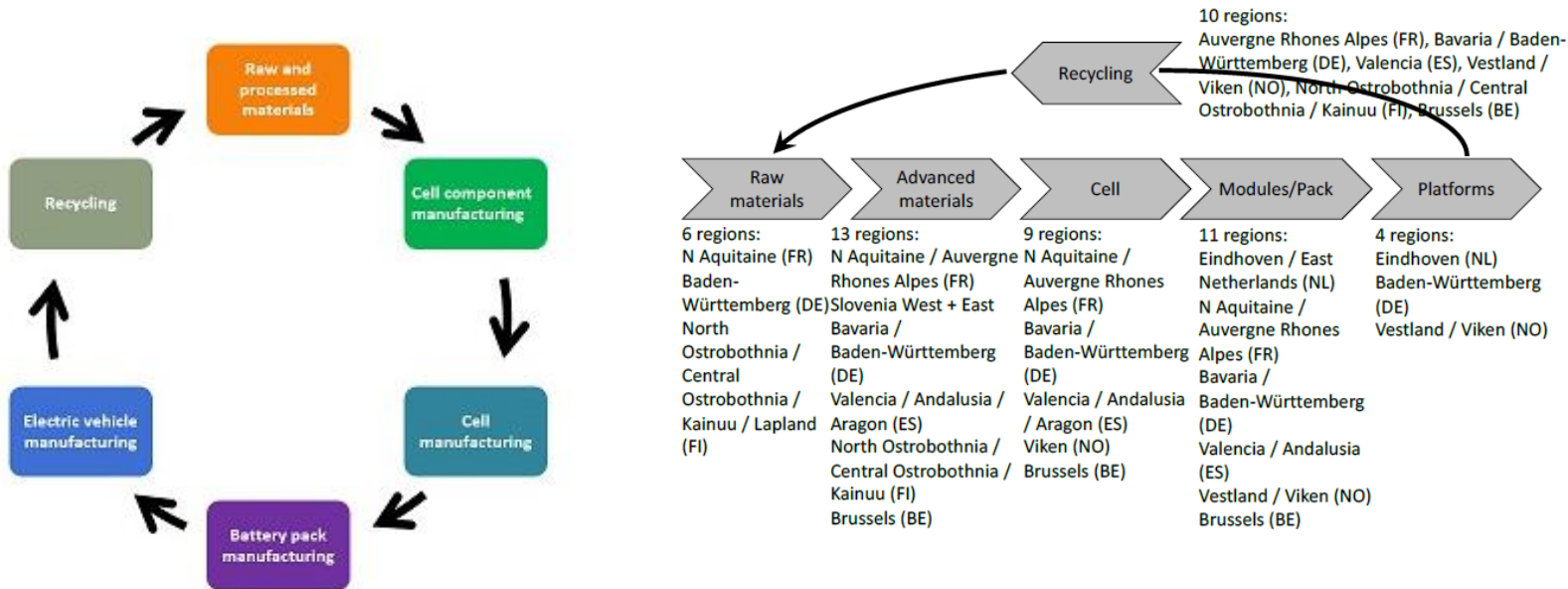
The aim of the partnership “European cyber Valleys” is to develop interregional cooperation in order to:

- ❑ create synergies among the existing specialized regions in cybersecurity
- ❑ facilitate the development of EU cybersecurity value chain
- ❑ address the challenges that hamper commercialisation of existing and new products and services in Europe
- ❑ foster business investment on cybersecurity.
- ❑ strengthening cyber local ecosystems in Europe has a fundamental role in structuring the still “young” European sector.



Advance Materials for Batteries

The main objective of the partnership is to develop joint R&D&I projects on topics of advanced materials, their characterisation, durability, suitable for extreme working conditions with the goal to deploy them in the field of batteries. Batteries here are electro-chemical products with the final goal of enabling electro-mobility and enhancing the capacity and performance of stationary energy storage.



Thank you!



More information:

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

 @S3Platform

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