S3 Thematic Platforms

EWRC side event - Skills reform & partnerships for SMART CCI

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The concept of Smart Specialisation (S3)

- A **place-based innovation policy**
  - A place-based approach to research and innovation (R&I) policy that aims to boost growth and jobs in Europe
  - Based on a SWOT or similar analysis to identify **region's own competitive advantages**
  - Through **concentration of resources** on a limited set of R&I priorities (preferably going beyond sectoral definitions) in which innovation can most readily occur
  - Regional priorities are identified through an **open dialogue** between policy makers, industry, research and education institutions and civil society – Entrepreneurial Discovery Process (**EDP**)
- The development of Regional R&I Smart Specialisation Strategies (RIS3) = introduced as an ex-ante condition to access cohesion funds for R&I in the 2014–2020 period (ERDF, TO1)

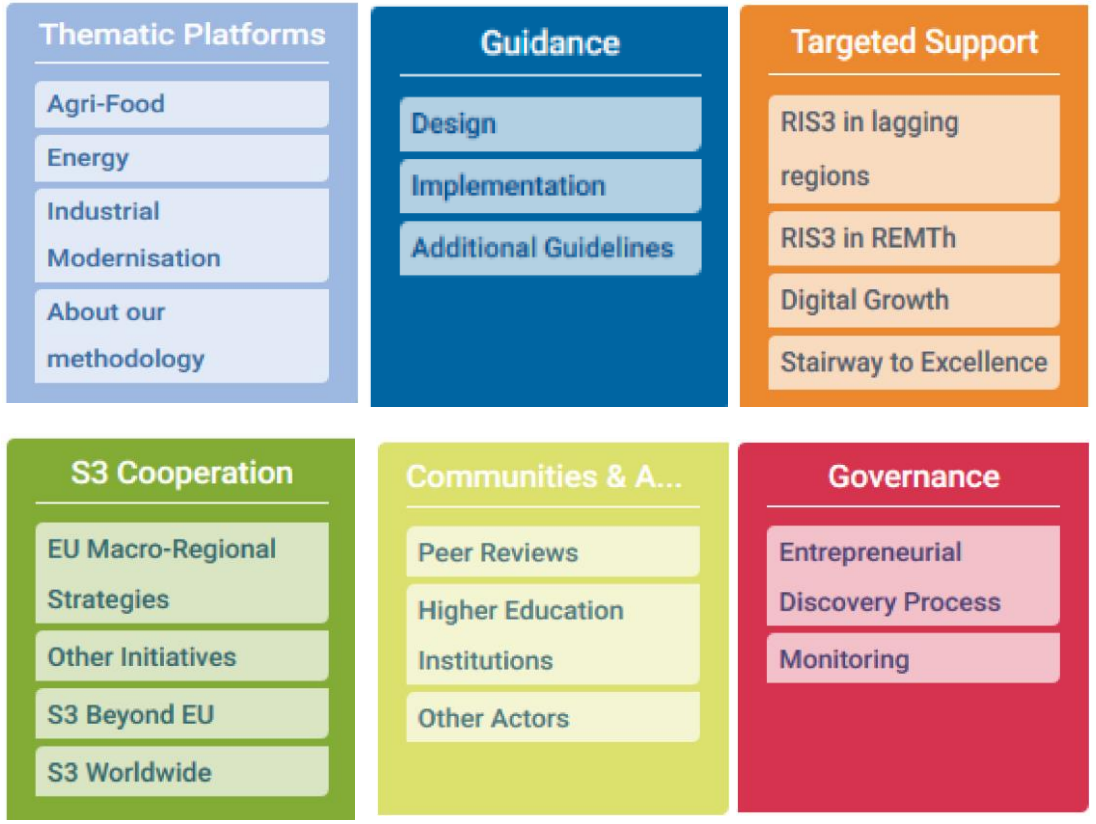
→ **2021-2027: "S4: Smart Specialisation Strategies for Sustainability"**

European Commission

The S3 Platform (S3P), supporting innovation-led growth in EU regions

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

- guidance material: *RIS3 Guide, Implementation Handbook…*
- data and tools: *S3 priorities (Eye@RIS3), Regional Benchmarking, Digital Innovation Hubs catalogue…*
- peer-reviews and mutual learning
- training to policy-makers: *MOOC on monitoring S3…*
- analysis: *Conceptual and empirical developments, policy briefs, working papers…*



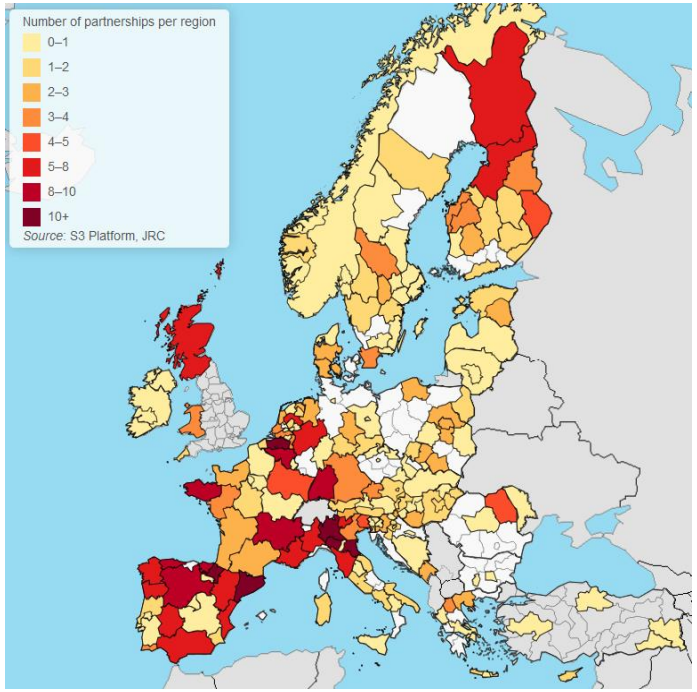
http://s3platform.jrc.ec.europa.eu/home

European Commission

3 Thematic Platforms – 33 Partnerships

S3P Agri-Food - S3P Energy - S3P Industry

- **3 Thematic S3 Platforms (TSSPs)** connect regional **innovation ecosystems,** provide **interactive & participatory environment** as a support of S3 implementation through transnational / interregional cooperation
  - Launched in 2015-2016
  - 189 regions from 33 EU + non EU countries



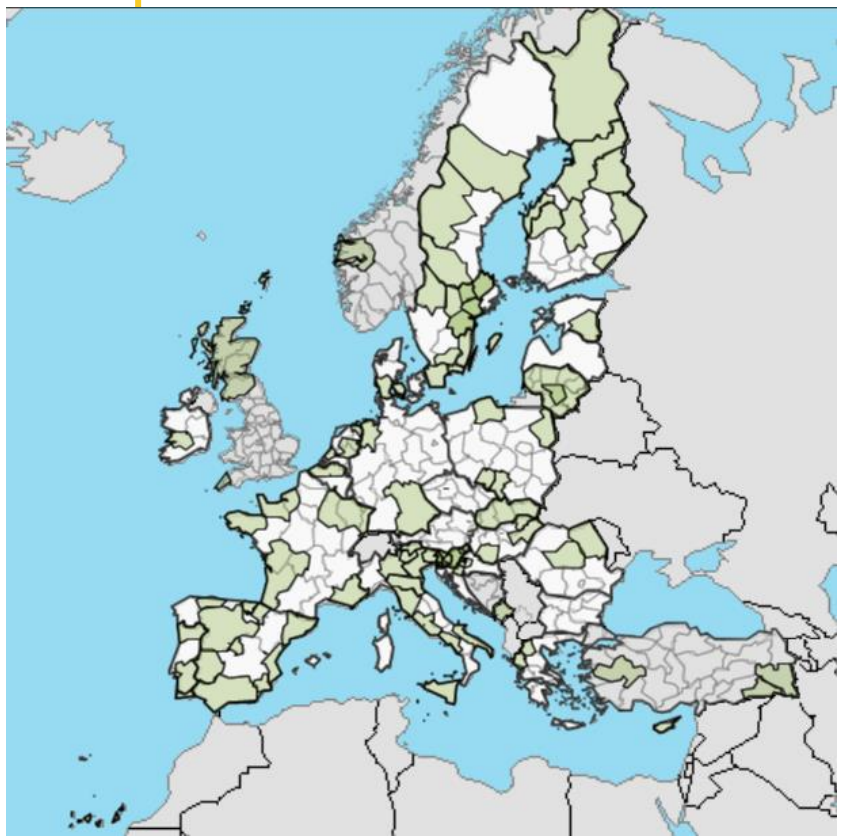
- **33 Thematic Interregional S3 Partnerships:**

Based on their local priorities (Q-helix and bottom-up), EU regions have partnered around **areas of common interest** and **joined forces** to:

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

European Commission

S3 Thematic Platform on Energy (S3PEnergy)



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

Since 2016, **S3PEnergy** has been promoting interregional cooperation in energy innovation:

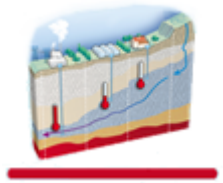
- encouraging collaboration for joint demonstration solutions (co-investments with ESIF, EU Value Chains linkages…)
- advocating for strategic alignment between regions regarding energy & innovation → new MFF 2021-2027!

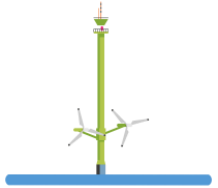
- **6 partnerships** in energy + Heating & Cooling initiative
- **70 territorial admin. units** in 23 different countries
- DGs REGIO, ENER & JRC


BIOENERGY


SMART GRIDS


SOLAR ENERGY


GEOTHERMAL


MARINE RENEWABLE ENERGY

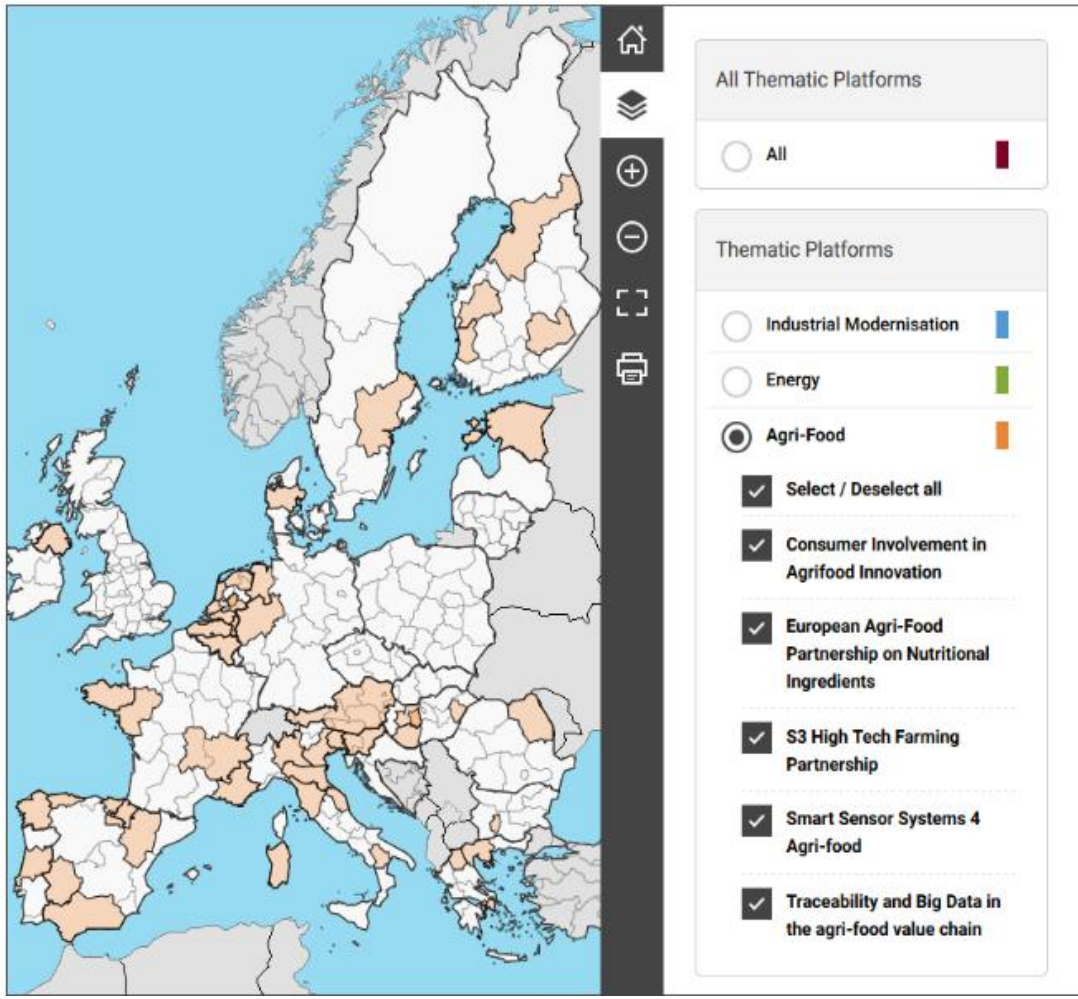

SUSTAINABLE BUILDINGS

European Commission

S3 Thematic Platform on **Agri-food**

https://s3platform.jrc.ec.europa.eu/agri-food

- **5 partnerships:**
  - Consumer Involvement in AF
  - High-tech Farming
  - Nutritional Ingredients
  - Smart Sensors for Agri-Food
  - Traceability and Big Data
- **59 territorial administrative units**
- DGs AGRI, REGIO, RTD & JRC





High Tech Farming



Traceability & Big Data



Nutritional Ingredients



Consumer Involvement in Agri-Food



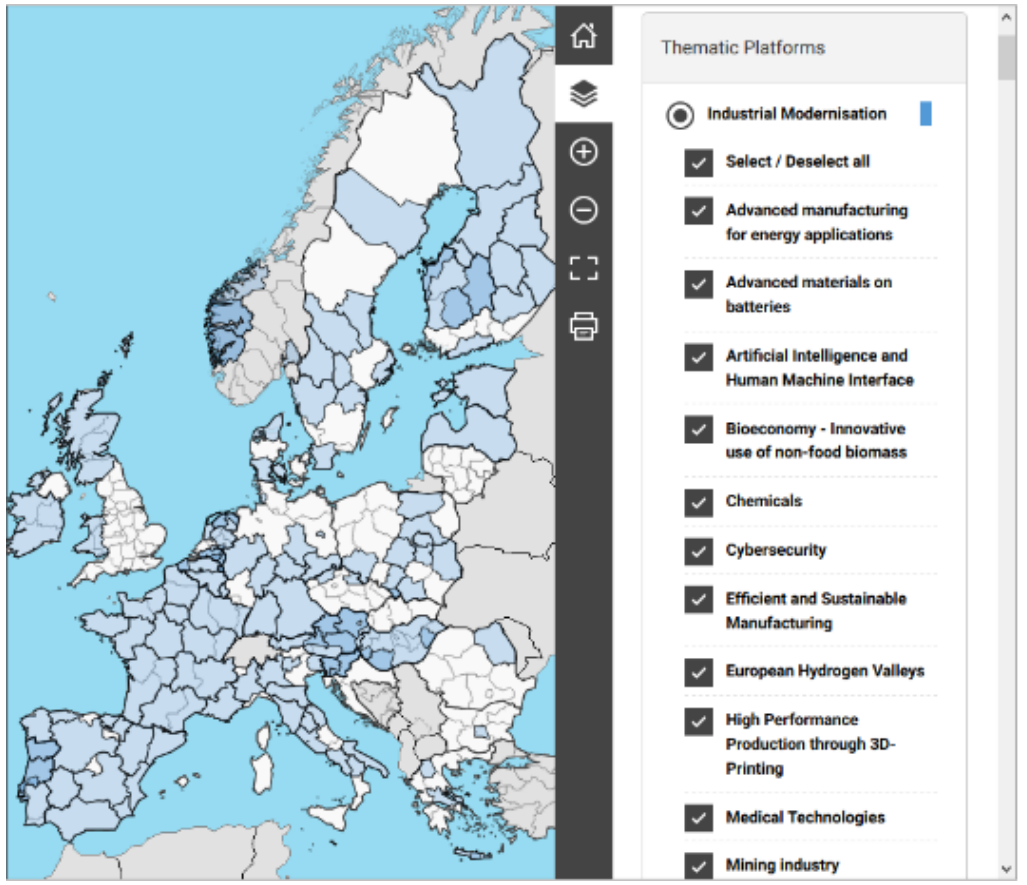
Smart Sensors 4 Agri-Food

European Commission

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.
- DGs REGIO, GROW, RTD and JRC





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

European Commission

S3 Thematic Platform on **Industrial Modernisation**

- 22 partnerships
- 137 territorial administrative units
- 31 leading regions / 4 DGs
- 1 Steering Committee



Advanced manufacturing



Non-food Biomass



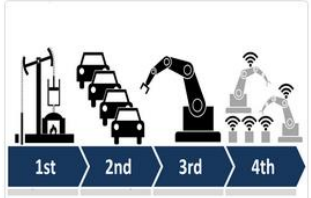
Efficient and Sustainable Manufacturing



3D-Printing



New Nano-Enabled Products



SMEs to the Industry 4.0



Sport



European Cyber Valleys



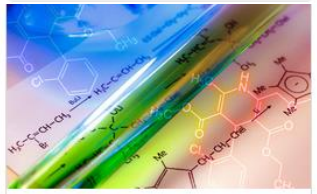
Social Economy



Artificial Intelligence & Human Machine Interface



Personalised medicine



Chemicals



Safe and sustainable mobility



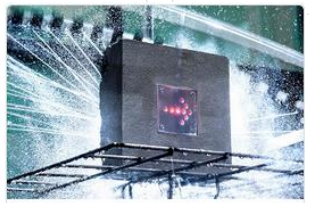
Digitalisation and Safety for Tourism



Advanced materials for batteries



Mining industry



Water Smart Territories



Textile Innovation



Medical technology



Photonics



Hydrogen Valleys



Cultural and Creative Regional Ecosystems

Thank you!

More information:
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European Commission