

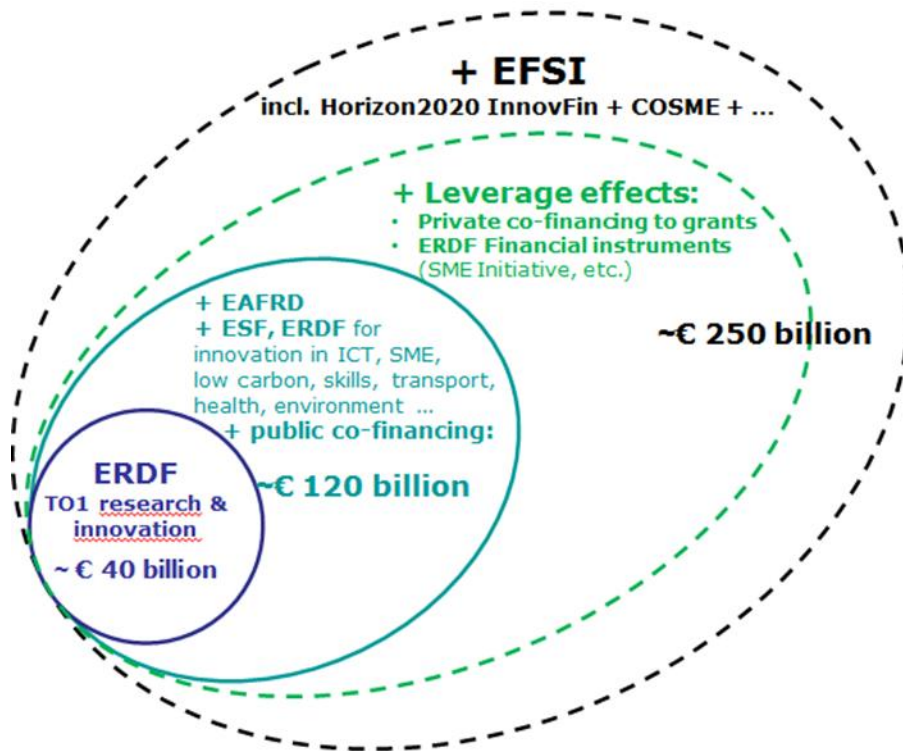
Policy development at the European level: Maximizing the innovation potential of European Regions

DIGITISING EUROPEAN INDUSTRY – Unlocking the potential of
industrial transformation in the regions - 22 March 2017
European Parliament

Marco PINO
Policy Officer

CC Smart and Sustainable Growth
DG Regional and Urban Policy

After conceptual, regulatory and programming phase we are now in the implementation stage



Smart Specialisation

*

Key Facts

121 national/regional strategies tailored to specific strengths and potentials new growth dynamics and a transformation of EU economies towards innovation driven growth

Mobilising up to **€ 250 billion**:

- European Structural and Investment Funds
- National & regional public funds
- Private investments
- Horizon2020, COSME ...
- EFSI

Projects are now being launched like testing facilities, incubators, technological transfer offices, research infrastructures, pilot plants, crowd-sourcing platforms, cluster services, collaborative spaces, etc.

ERDF Investment Priorities relevant for innovative enterprises

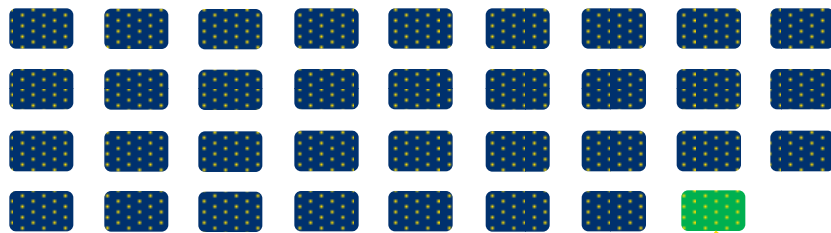
For all types of firms

- business investment in innovation and research
- developing links and synergies between enterprises, R&D centres and higher education
- product and service development
- technology transfer
- public service applications, demand stimulation
- networking, clusters
- applied research, pilot lines, early product validation actions,
- advanced manufacturing capabilities
- Key Enabling Technologies and diffusion of general purpose technologies
- energy efficiency and renewable energy use in enterprises
- research and innovation in, and adoption of, low-carbon technologies

R&I Projects must support the relevant Smart Specialisation Strategy

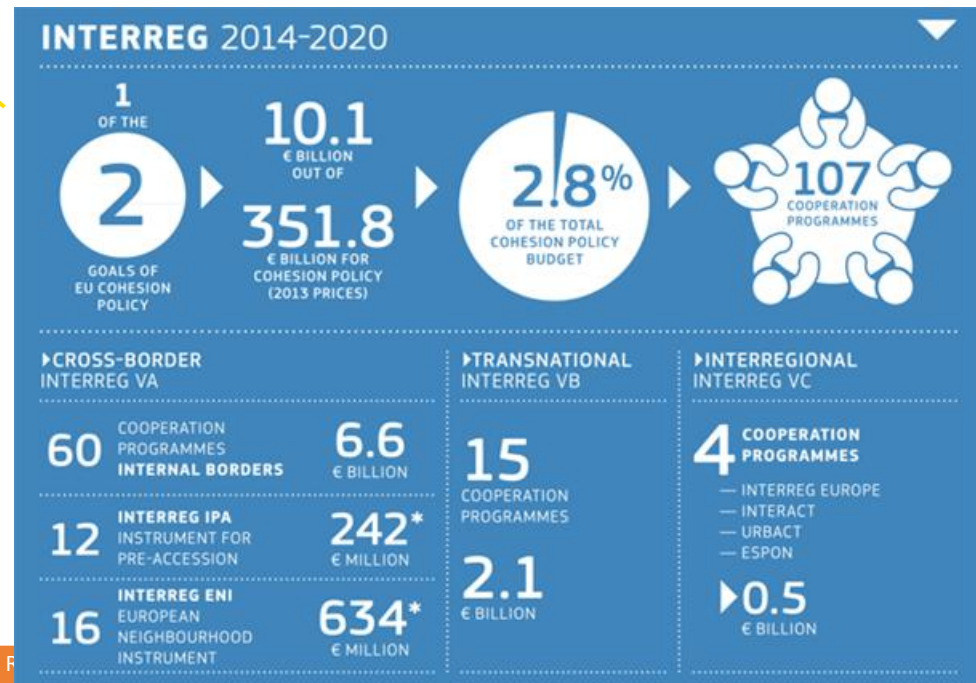
ESIF framework for actions in 2014-20

456 national/regional OPs and 79 INTERREG cooperation programmes



Goal 2:
European Territorial
Cooperation
Euro 10 billion

Goal 1:
Investment for growth & jobs
Euro 352 billion



Project: Leading European pilot facilities for industrial biotechnology join forces to improve Europe's innovation capacity.

The project's objective is to improve regional policies in support of shared pilot facilities to increase their impact on the Key Enabling technology (KET) Industrial Biotech and the bio-economy. Shared pilot facilities are open access test sites that bring bio- economy innovations from the laboratory into industrial practice.

[Read more: press release](#)

<http://www.interreg.eu/rope.eu/smartpilots/>

SmartPilots
Interreg Europe



European Union
European Regional
Development Fund



Bio Base Europe
Pilot Plant



		1260	
		EU28	
		PRIORITI	
		ES	
	RIS3 priority	count,	
		n	%
	AGRO-FOOD related	271	22%
	KETs as transversal theme	267	21%
	HEALTH related	192	15%
	ENERGY related	178	14%
	DIGITAL AGENDA related	144	11%
	ENVIRONMENT related	59	5%
	CREATIVE/CULTURAL INDUSTRIES related	48	4%
	TRANSPORT AND LOGISTICS related	38	3%
	SOCIAL INNOVATION, ORGANISATIONAL MODELS, OTHERS	25	2%

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European
Commission

It helps to find cooperation partners and avoid duplication of efforts across EU

Eye@RIS3

Select region Refresh Match: All ☐ of the following fields:

Research & Innovation Capabilities	Business Areas & Target Market	EU Priority
Energy production & distr	Energy production & distr	Sustainable innovation
Research & Innovation Capabilities (Subcategory)	Business Areas & Target Market (Subcategory)	EU Priority (Subcategory)
Select	Select	Select
Region/Country Name	Description of Priority	NUTS ID
Search + Add priorities		Export

Figure 1 General value chain for offshore wind energy

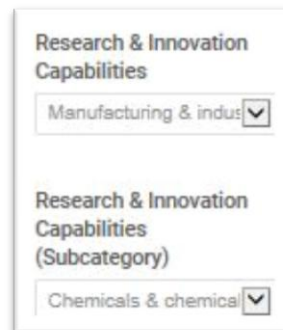
- Research, development & demonstration
 - Energy conversion technology
 - Environmental impact
 - Electricity consumption
 - Electricity transmission and distribution
 - Pilot project
- Feasibility & impact assessment
 - Oceanography
 - Environmental impact assessment
 - Financial feasibility study
 - Risk analysis
- Project planning
 - Planning (technical/engineering)
 - Finance
 - Insurance
 - Legislative issues
 - Power purchase agreement
 - Permitting
- Project design
 - Offshore design
 - Mechanical design
 - Electric system design
 - Hydrodynamic design
 - Onshore infrastructure design
 - Control & monitoring set-up
- Manufacture
 - Resource management
 - Offshore support structure
 - Energy coupling system
 - Electric system design
 - Power generation equipment
 - Transmission and distribution equipment
 - Control & monitoring equipment
- Installation
 - Cable placement
 - Transportation
 - Energy coupling system
 - On- and offshore assembly and construction
- Operation
 - Repairs
 - Integrity management
 - Health, safety and environment management
 - Controlling & monitoring
 - Evaluation
 - Sales
- Decommission
 - Disassembly
 - Transportation
 - Waste management
 - Environmental restoration
 - Monitoring

EYE@RIS3

RIS3 is a process, at the end of which regional/national strategies should identify activities, in which an investment of resources is likely to stimulate knowledge-driven growth.

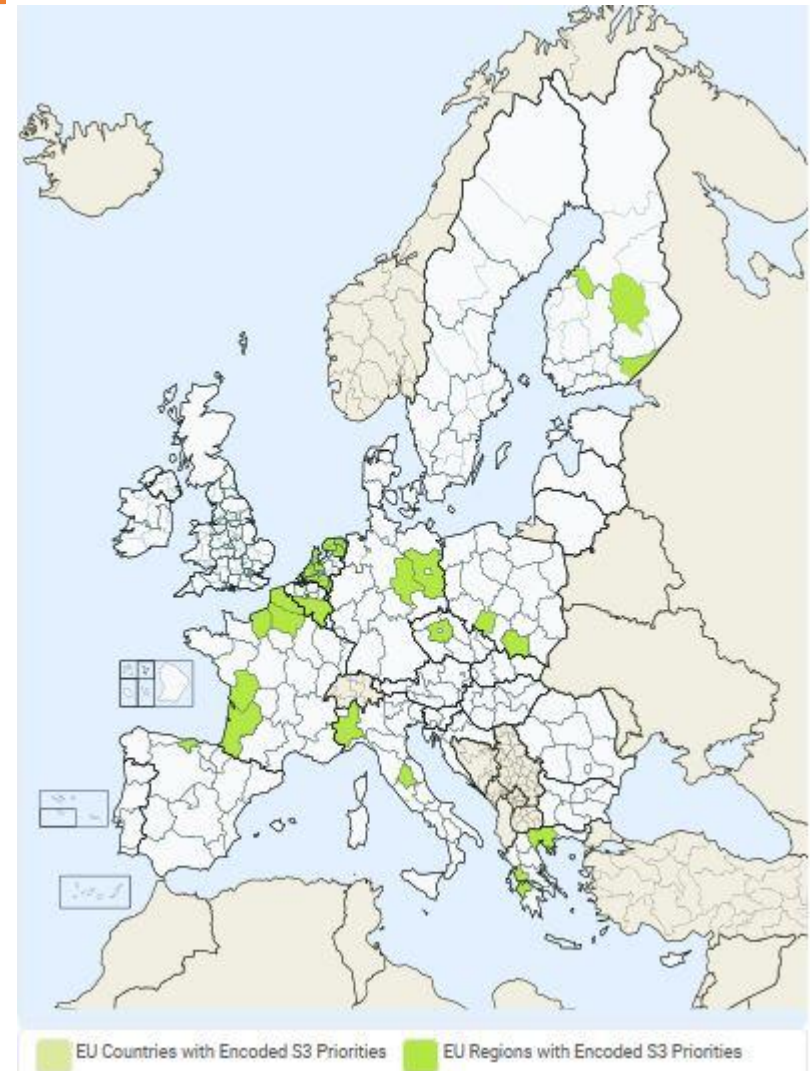
The Eye @RIS3 is an online database, intended as a tool to help strategy development rather than a source of statistical data. Regions are requested to introduce/update input in the database, which will produce a realistic map of the process of RIS3 development.

<http://s3platform.jrc.ec.europa.eu/eye-ris3>

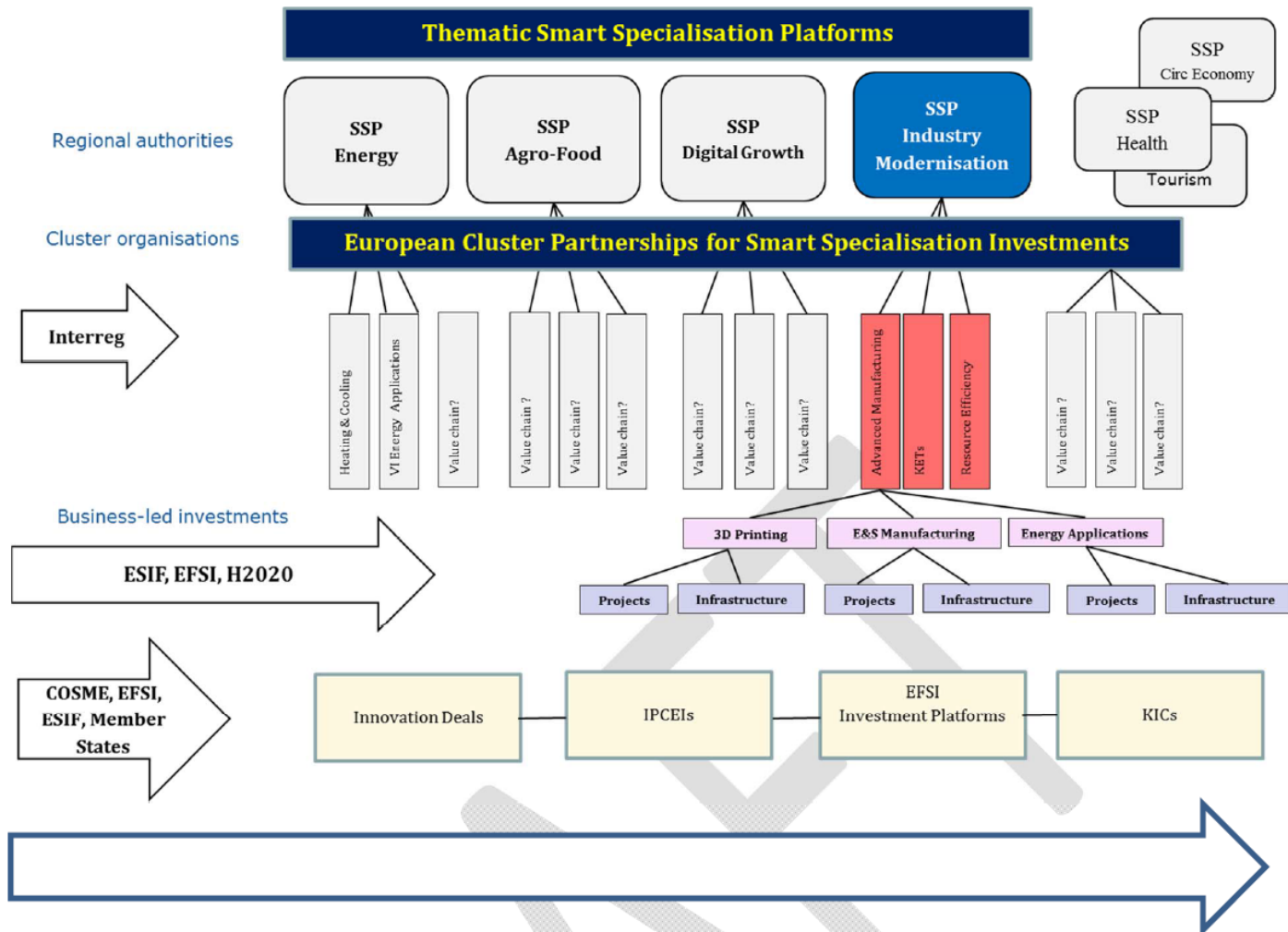


Research & Innovation Capabilities
Manufacturing & indus▼

Research & Innovation Capabilities (Subcategory)
Chemicals & chemical▼



We launch Thematic Smart Specialisation Platforms to facilitate the process





Have your say on Smart Specialisation

Smart Specialisation means that countries and regions focus on their unique innovation strengths. Over 120 regions and countries have prepared "Smart Specialisation Strategies" since 2011.

With this public consultation our aim is to collect

- ✓ views on these strategies, their implementation and evolution, to better understand challenges, and to identify good practices and lessons learnt,
- ✓ information on projects and initiatives that follow the smart specialisation approach,
- ✓ suggestions for future Commission actions to help implement the smart specialisation strategies and to evolve the concept.

Target group are stakeholders who make innovation happen in the EU, especially businesses or business support organisations, national/regional/local public authorities, research and innovation organisations, etc.

To participate respond via the on-line questionnaire by 24 March 2017:

http://ec.europa.eu/regional_policy/en/newsroom/consultations/smart-specialisation/

Timetable for the Communication on Smart Specialisation: Maximising Europe's Innovation Potential through Smart Specialisation

24/3 - End of public consultation

24/5 - **Adoption and transmission to the institutions**