

Smart Specialisation Policy Framework

Existing European tools to facilitate
cooperation networks

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Smart Specialisation – political support

- ***General Affairs Council Conclusions (June)***

"SUPPORTS the concept of Smart Specialisation and the inclusion of the ex-ante conditionality regarding Smart Specialisation in the Common Provision Regulation"

- ***EC EPSC Report on Innovation Policy (July)***

"Smart Specialisation and smarter institutional architecture will both favour greater innovation"

- ***EP Resolution (September)***

"The central role of RIS3 in the contribution of cohesion policy to the Europe 2020 goals"

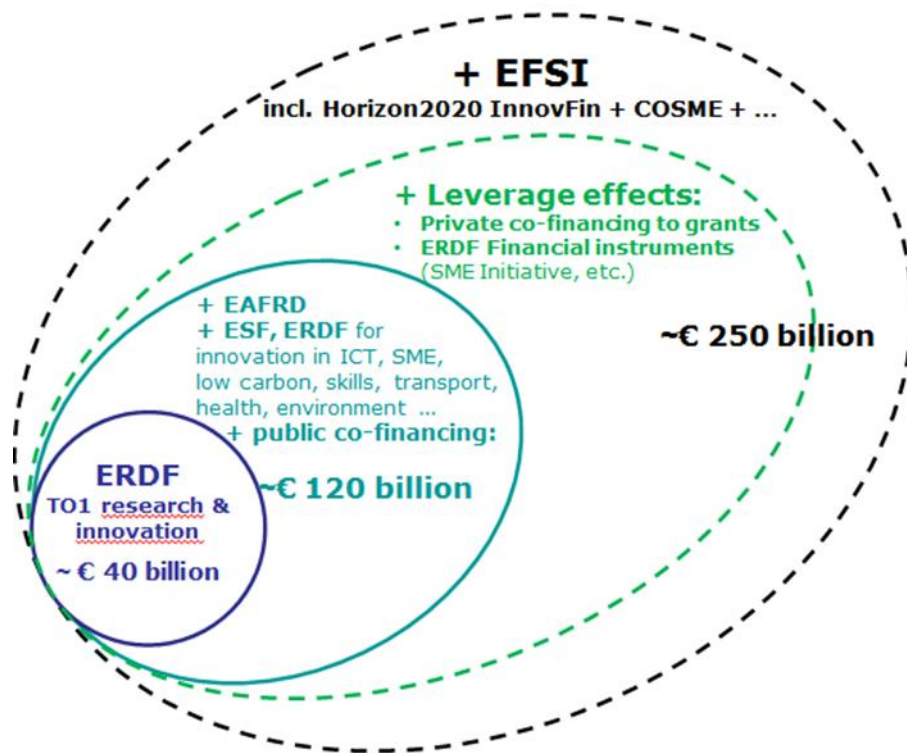
- ***Competitiveness Council Conclusion (29 November)***

"Mainstreaming smart specialisation into all aspects of Cohesion policy, push for more synergies between and among funding programmes"

Smart Specialisation

- Research strengths with business needs
- Clear prioritisation
- Concentration of resources/Critical mass
- Bottom-up interactive process
- Faster uptake of ideas
- Outward looking
- Building interregional cooperation

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



Smart Specialisation

*

Key Facts

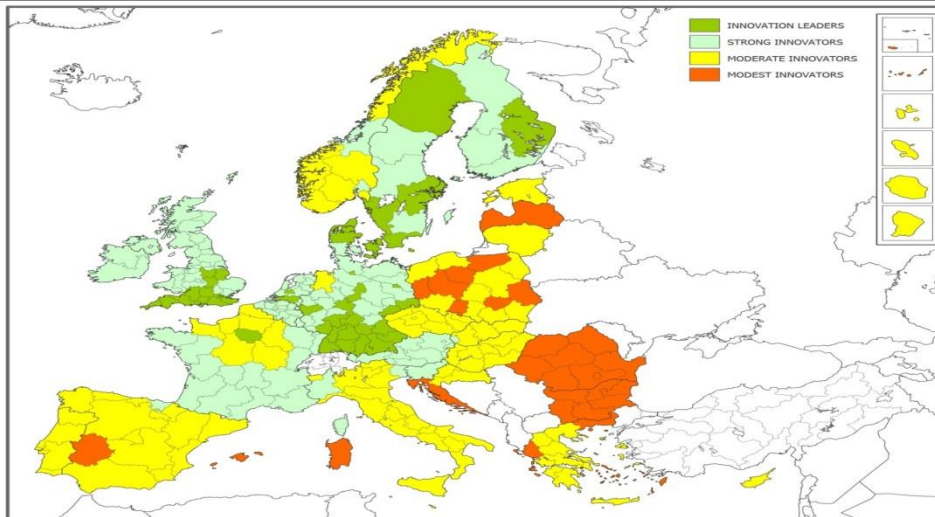
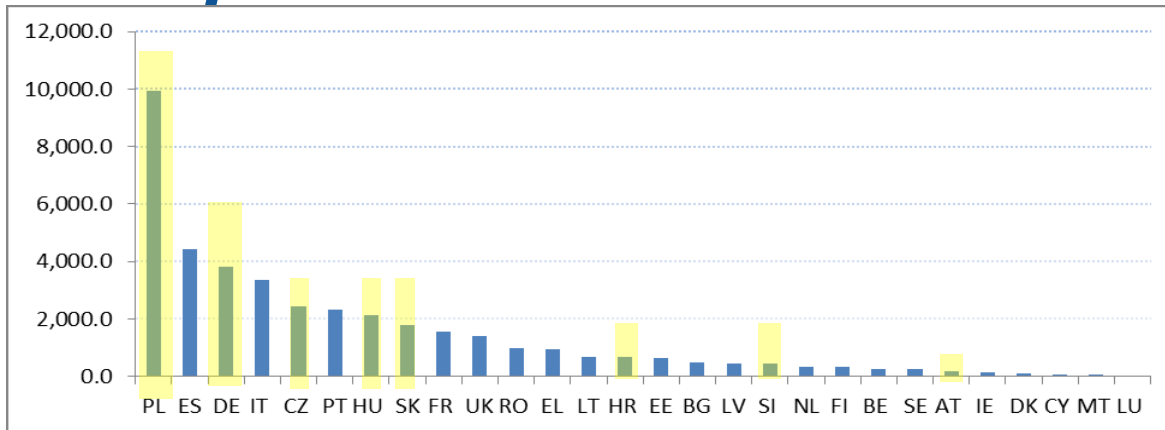
121 national/regional strategies tailored to specific strengths and potentials new growth dynamics and a transformation of EU economies towards innovation driven growth

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 gives now a chance to enhance R&I cooperation and close innovation gap



ERDF financial support for RIS3 in Central Europe

Austria	€ 0,2 bln
Croatia	€ 0,7 bln
Czech	€ 2,4 bln
Germany	€ 3,8 bln
Hungary	€ 2,2 bln
Poland	€ 8,4 bln
Slovakia	€ 1,8 bln
Slovenia	€ 0,5 bln

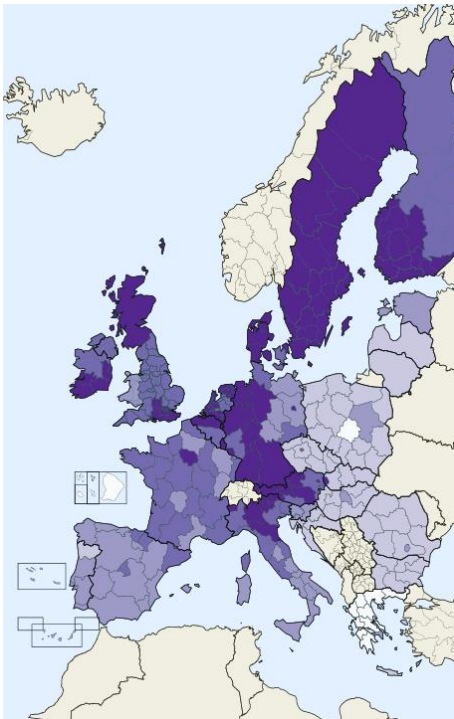
Direct ERDF allocation **€ 20 billion**
(50% of total T01 allocation)

Projects are now being launched
like testing facilities, incubators,
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cluster services etc.

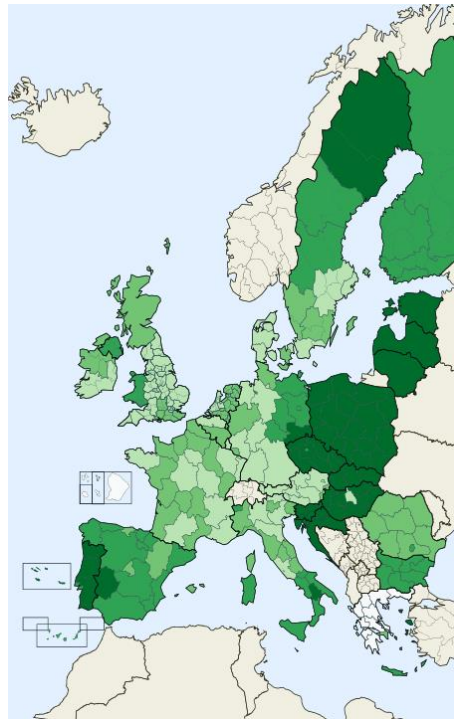
<https://cohesiondata.ec.europa.eu>

https://ec.europa.eu/growth/industry/innovation/facts-figures/regional_en

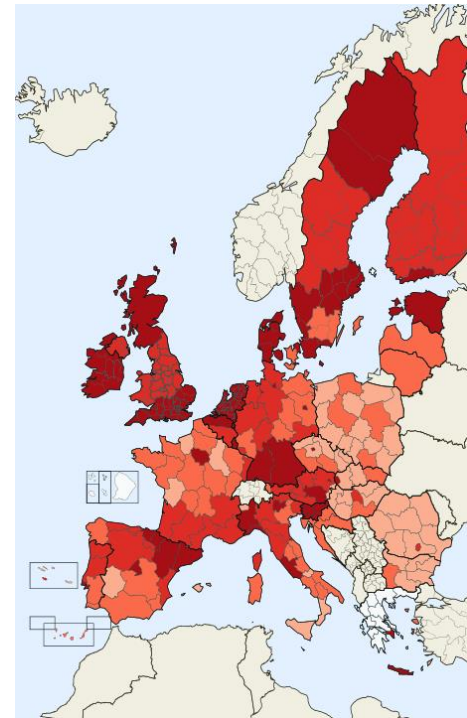
And strengthen economic and social cohesion by reducing disparities in the level of development between regions



GDP/capita



Total ESIF for R&I/per capita/per year



Total Horizon2020 for R&I/per capita/per year

ERDF Investment Priorities relevant for innovative enterprises

For all types of firms

- **business investment in innovation and research**
- **developing links 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

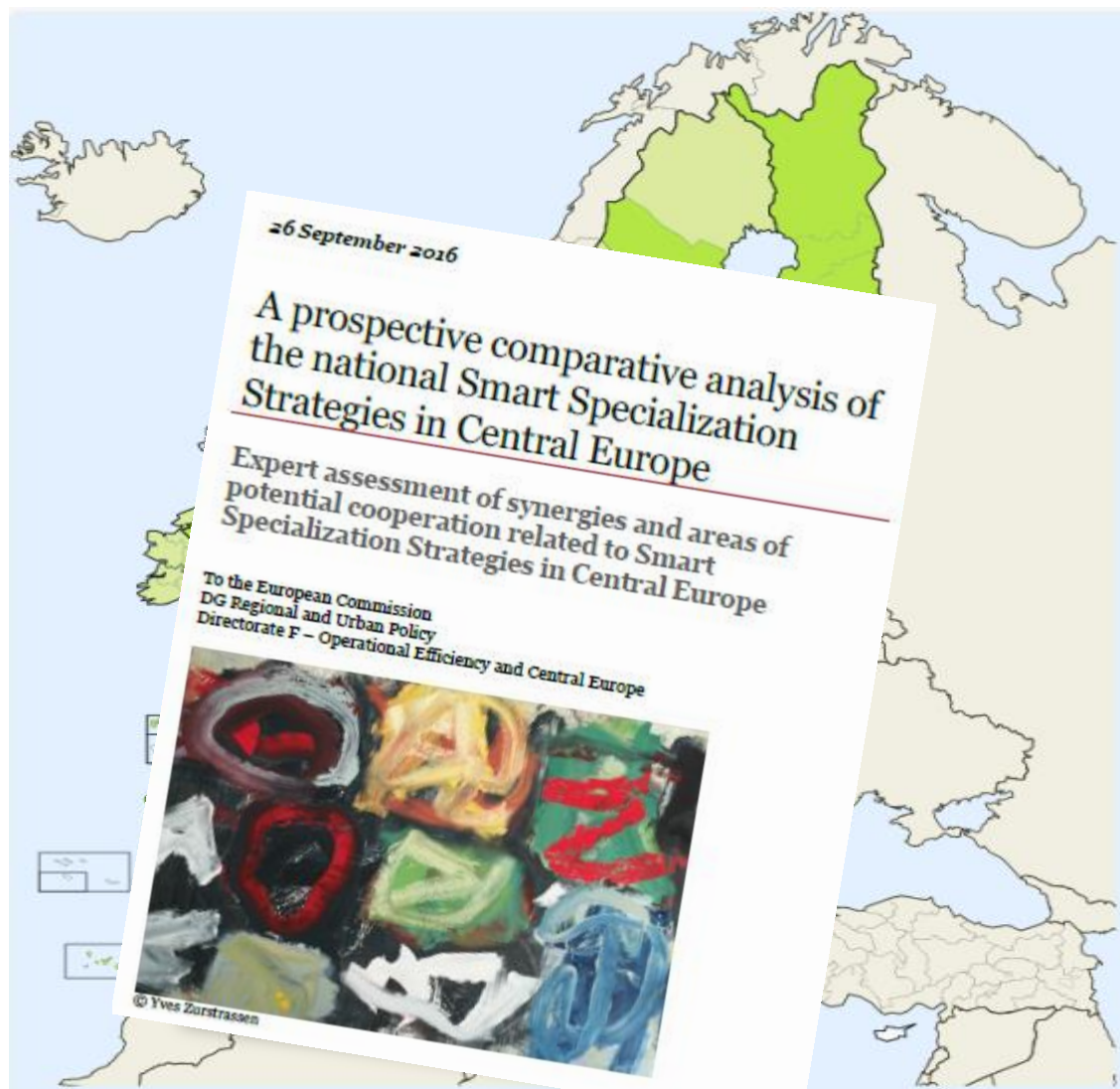
ERDF Investment Priorities relevant specifically for SMEs

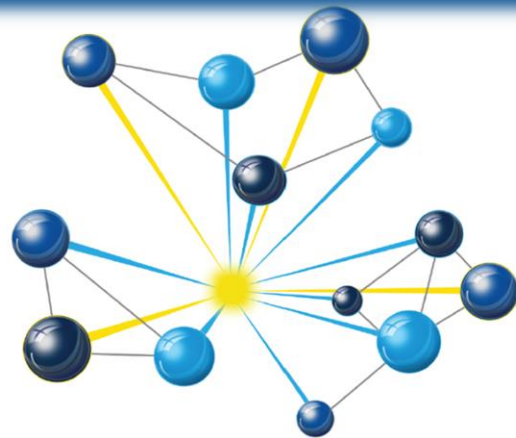
- **exploitation of new ideas**
- creation of **new firms**, including through **business incubators**
- **new business models**
- developing **ICT products and services & e-commerce**
- **Internationalisation**
- **advanced capacities** for product and service development
- capacity to engage in **innovation processes**
- industrial transition towards a **resource- efficient economy**, promoting green growth, eco-innovation and environmental performance management
- developing and improving **environmentally-friendly** (including low-noise) and **low-carbon transport systems**
- **adaptability** of SMEs, managers and workers,
- investment in **human capital**
- support for practice-oriented **vocational education and training**

R&I Projects should support the relevant Smart Specialisation Strategy

Central European mapped smart specialisation priority areas for ESIF investments in Research, Development and Innovation

- **Advanced materials and nanotechnology**
- **Advanced manufacturing systems**
- **ICT and electronics**
- **Transport and mobility**
- **Energy and environment**
- **Public health, medicine and life sciences**
- **Agro- and bio-economy**

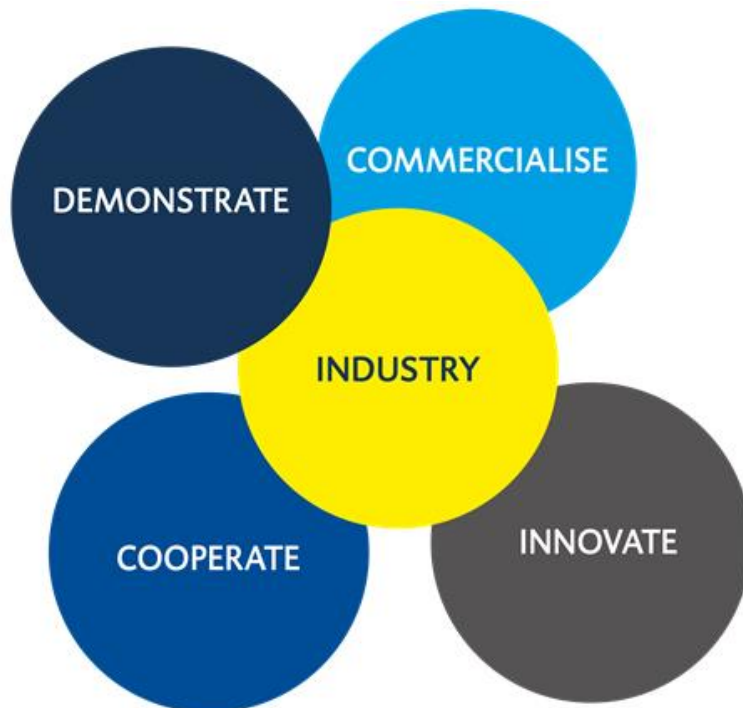




VANGUARD INITIATIVE

New growth through smart specialisation

What is the Vanguard Initiative?



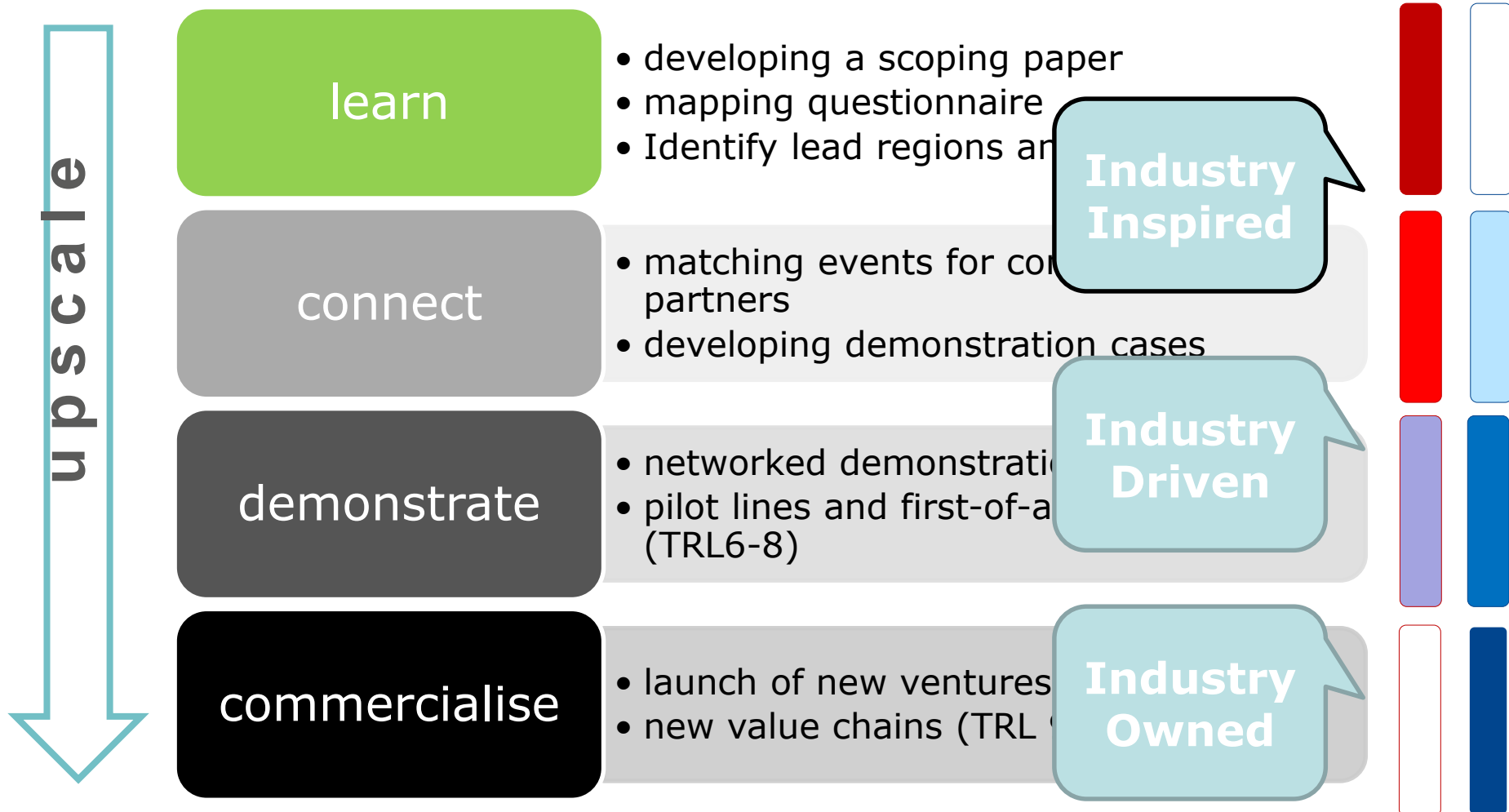
Network of 30 regions in Europe

- striving for modernisation, stronger competitiveness and internationalisation of Europe's industry
- Working in an S3 strategy as a precondition

Asturias
Baden - Württemberg
Basque Country
Cantabria
Catalonia
Dalarna
East - Netherlands
Emilia - Romagna
Flanders
Galicia
Ile - de - France
Lombardy
Malopolska
Navarra
Hauts de France
Norte
North Rhine - Westphalia
Pays de la Loire
Ostrobothnia
Randstad Region
Auvergne - Rhône - Alpes
Saxony
Scotland
Skåne
South - Denmark
South - Netherlands
Tampere Region
Upper - Austria
Wales
Wallonia



VI Methodology – 4 step approach



Pilot Projects

- What
To explore opportunities **for developing interregional joint-demonstration**
- Actors
cooperation between clusters, companies and knowledge institutes **,along interregional Value chains**
- Goal
Accelerate market development for existing and emerging industries with competitive and high-value added products
- How
Within the pilot projects, several concrete demo cases are under development

**Task Group
Vanguard Pilot Monitoring**



Lombardy
&
Randstad

BIO-ECONOMY
Interregional
cooperation on
innovative use
of non-food
biomass

**7
Demo
Cases**

Catalonia
&
Lombardy

EFFICIENT
AND
SUSTAINABLE
MANU-
FACTURING

**5
Demo
Cases**

Flanders
Norte,
South-
Nether-
lands

High
performance
production
through 3D-
PRINTING

**8
Demo
Cases**

Basque
Country,
Scotland

Advanced
manufacturing
for ENERGY-
RELATED
APPLICATIONS
in harsh
environments

**6
Demo
Cases**

Skåne,
Tampere

New NANO-
ENABLED
PRODUCTS

**5
Demo
Cases**

Prioritization → 8 interregional networks for joint-demonstration



Domain	Joint-demo Case	Leading region (co-leaders)
Automotive 1	"Hybrid materials for lightweight, structural components (Metal – CFRP)"	Emilia-Romagna (Lombardy, Aragon, Norte, Saxony, Baden-Wurttemberg)
Automotive 2	"Functionnally graded components (metal, non-critical)"	Aragon (Emilia-Romagna, Norte, Baden-Wurttemberg, Thuringia, Wallonia)
Machinery & Tooling	"Structural parts with complex shapes"	Wallonia (Lombardy, Aragon, Catalunya, Norte, Orebrö Lan, Tampere, Rhône-Alpes)
AM – Subtractive Platform	"3D additive-subtractive transversal pilot line concept"	Flanders (South-Netherlands, Wallonia, Baden-Wurttemberg, Norte, Lombardy)
Creative Industries	"3DPrinted Wearables, lighting & decoration, fashion"	Catalunya (Lombardy, Flanders, South Netherlands)
Textiles	"Adding a dimension to 2D textiles"	Lombardy (Flanders, South-Netherlands, Catalonia, Nord-Pas-de-Calais)
3DP Smart Bike	"Open source platform for customized Bike & accessories"	Flanders (Catalonia, Lombardy)
Healthcare	"Customized Orthoses & exoprosthesis components"	Emilia-Romagna

Pilots & DemoCases (1 / 3)

❖ **3DP**

- ❖ **Automotive 1 – hybrid materials for lightweight, structural components (metal-CFRP)**
- ❖ **Automotive 2 – functionally graded components (metal, non critical)**
- ❖ **Machinery & tooling – structural parts with complex shapes**
- ❖ **Creative industries – fashion, 3D printed wearables, lighting**
- ❖ **Textiles – adding a dimension to 2D textiles**
- ❖ **3DP Smart Bike – 3DP printed bike and accessoires**
- ❖ **Healthcare – customized insoles and orthoses**
- ❖ **Additive Subtractive transversal pilot lines**

Pilots & DemoCases (2/3)

❖ ***Efficient and Sustainable Manufacturing***

- ❖ **Adaptive and Smart Manufacturing Systems**
- ❖ **De- & Remanufacturing**
- ❖ **Energy and environmental efficiency**
- ❖ **Advanced components and materials**
- ❖ **Digital and virtual factory**

❖ ***ADMA Energy***

- ❖ **Cost Reduction in subsea environments**
- ❖ **Corrosion in water**
- ❖ **Advanced manufacturing processes**
- ❖ **Composites, New Materials, and Materials Testing**
- ❖ **Power Transfer and conversion**
- ❖ **Sensing, Instrumentation and Monitoring**

Pilots & DemoCases (3/3)

❖ ***BioEconomy***

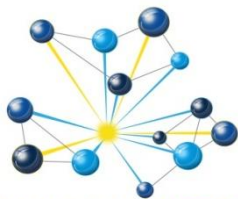
- ❖ **BioBased Aromatics**
- ❖ **Lignocellulosic Refinery**
- ❖ **Biogas beyond Energy**
- ❖ **(Waste)Gas into Value**
- ❖ **Bio Aviation Fuel**
- ❖ **Food and Feed ingredients from Algae**
- ❖ **Food and Feed from Agrofood Waste**

❖ ***Nanotechnology***

- ❖ **Nano wires for ICT and energy**
- ❖ **Printed electronics**
- ❖ **Nanomedicine**
- ❖ **Manufacturing of nanomaterials**
- ❖ **Integrated nano bio systems**

Funding & Investment Needs

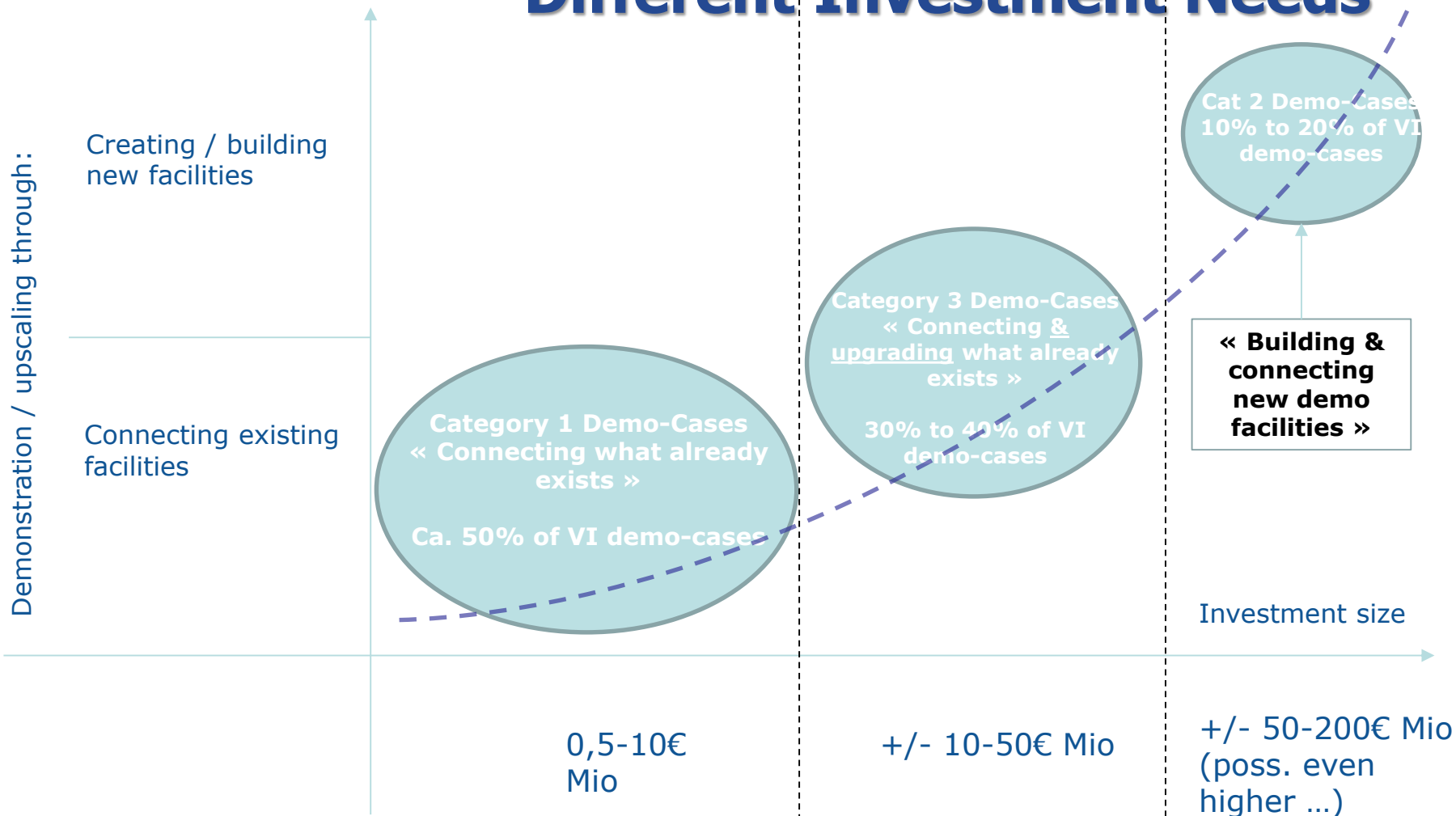
- VI DemoCases common objectives
 - establish shared facilities for demonstration of new technologies
 - facilitate access to shared facilities
 - lower technology uncertainty, risks and costs
 - stimulate industrial replication & upscale (hence market uptake)
- each DemoCase =
 - combination of complementary demonstration facilities
 - group(s) of companies accessing infrastructure (TRL6-8)
 - industrial replication & upscale (if the above is successful) (TRL8-9)
- 3 types of DemoCases
 - connecting existing infrastructures
 - building brand new demonstration infrastructure
 - connect & upgrade existing infrastructure (hybrid format)



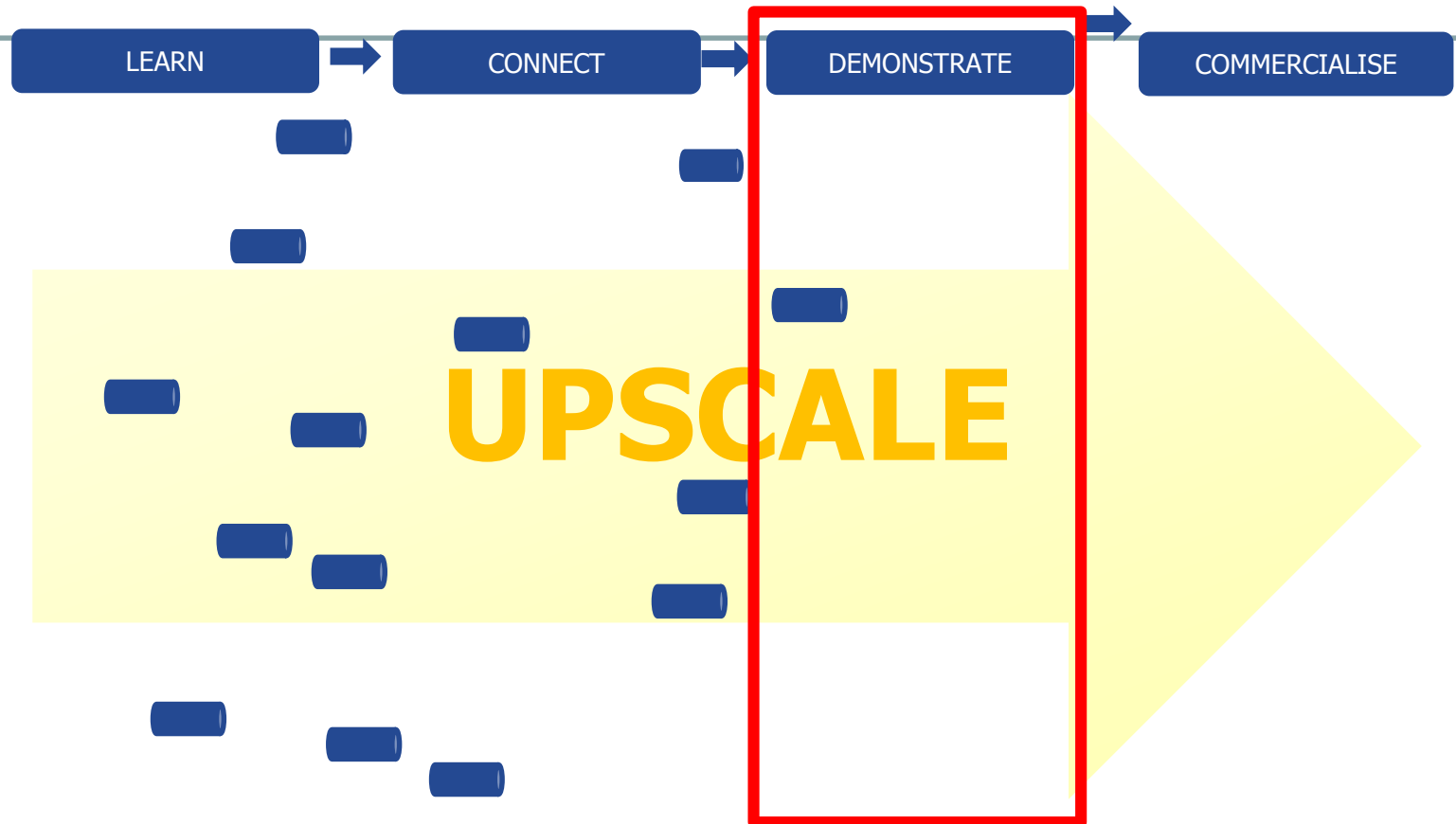
VANGUARD INITIATIVE
New growth through smart specialisation



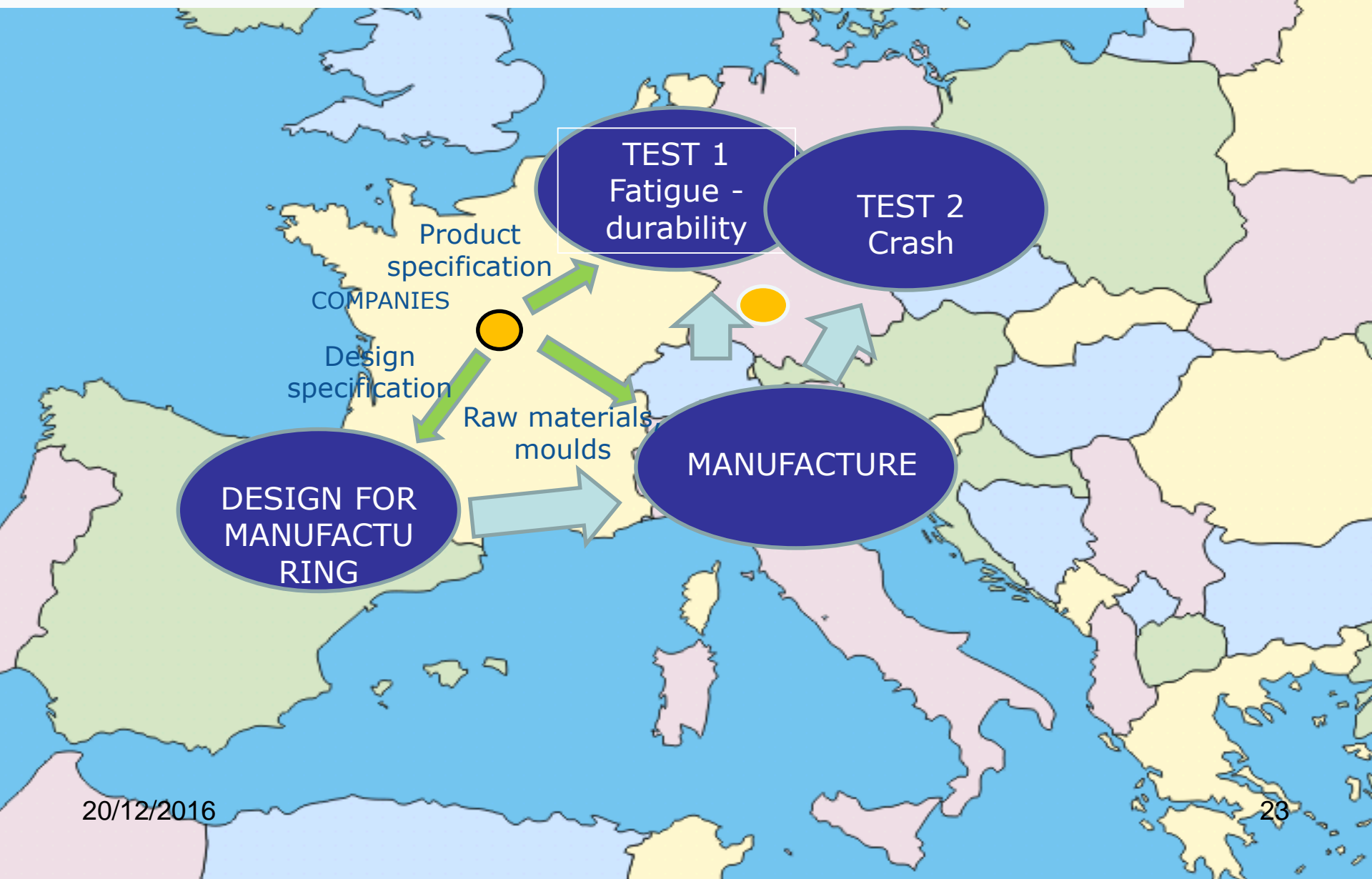
Different Investment Needs



VI Methodology – 4 step approach



3DP Case: 'Reducing weight in automotive, machinery and aerospace applications' via 3D-Printed hybrid components



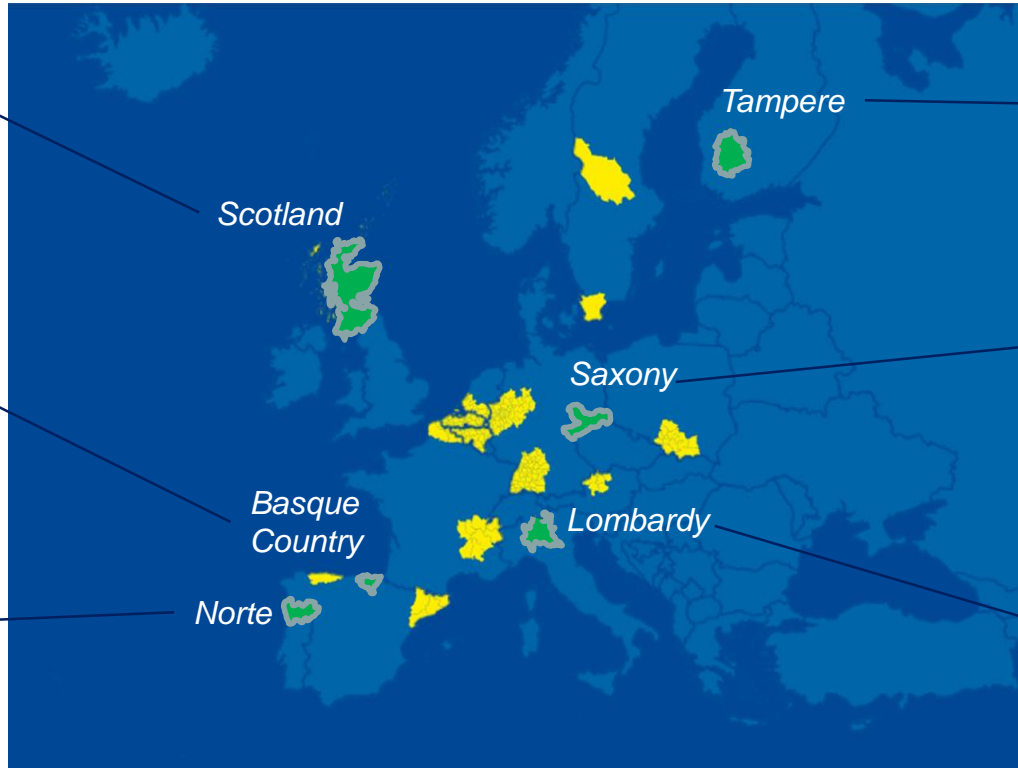
Pilot Geographic Configuration and Regional Specialization



Mechanical remanufacturing and in-use product monitoring in the automotive industry.

Re-use of composites by **thermal processes** from aeronautic sector and wind energy system. **Recovery and re-use of metal scrap** by **plasma process**.

Robotics handling systems supporting disassembly and reassembly operations in the automotive industry



Laser-based remanufacturing of the mechanical parts in large machinery.

Re-production of steel sheets by Hydroforming and CNC-bulk metal forming.

Sustainable **demanufacturing processes** for disassembly, electronics remanufacturing, **key-metals and composite recovery and re-use by mechanical processes**, for the automotive and electronics industry.

The network will be composed of:

- New infrastructures, which will be designed, developed, and installed on purpose for this pilot network.
- Existing infrastructures, which will be upgraded towards integrated pilot plants.

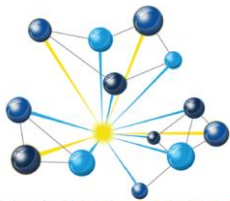
Key Issue: integrated pilot plant solutions, needed by industry to validate high-risk investments in circular economy businesses before the implementation.

Estimating the parameters of the business plan



A detailed analysis of identified ***sectorial Use Cases***, with potential industrial partners associated, has been performed, where more regions are involved. For each specific Use Case, a business case has been detailed including a business plan for the industrial take-up of the developed solutions.

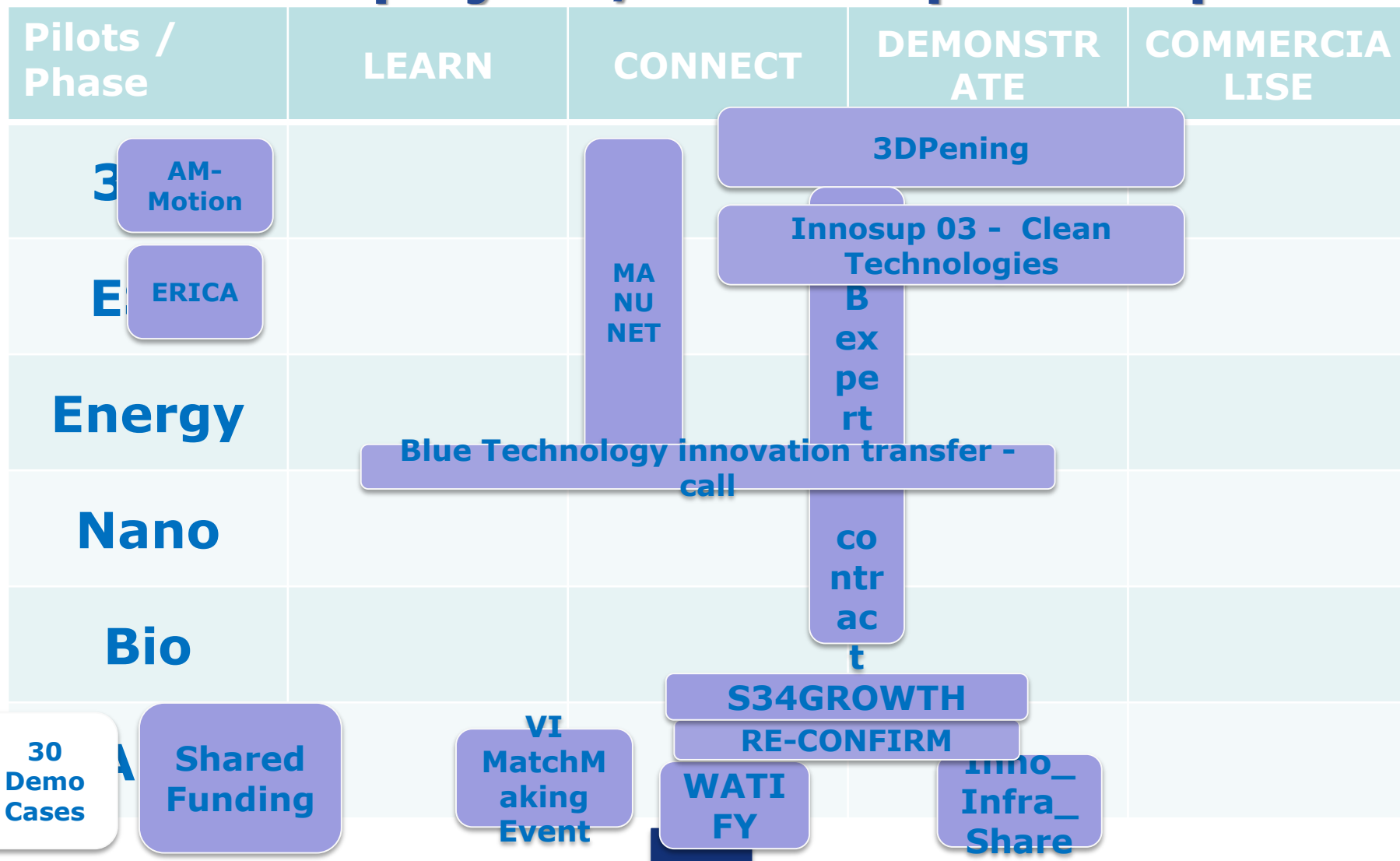
Regional/Cross-Regional Use Case	Involved Regions
Composite Recovery from Wind Energy System	<u>Basque Countries</u> , Saxony, Lombardy, Tampere
Heavy machinery components remanufacturing	<u>Tampere</u> , Basque Countries, Lombardy, Saxony
Automotive parts remanufacturing	<u>Scotland</u> , Lombardy, Saxony, Norte
High-value TLC systems and Electronics Recovery	<u>Lombardy</u> , Tampere
Metal components reprocessing	<u>Saxony</u> , Tampere, Lombardy
Remanufacturing of e-motors	<u>Saxony</u> , Lombardy, Norte



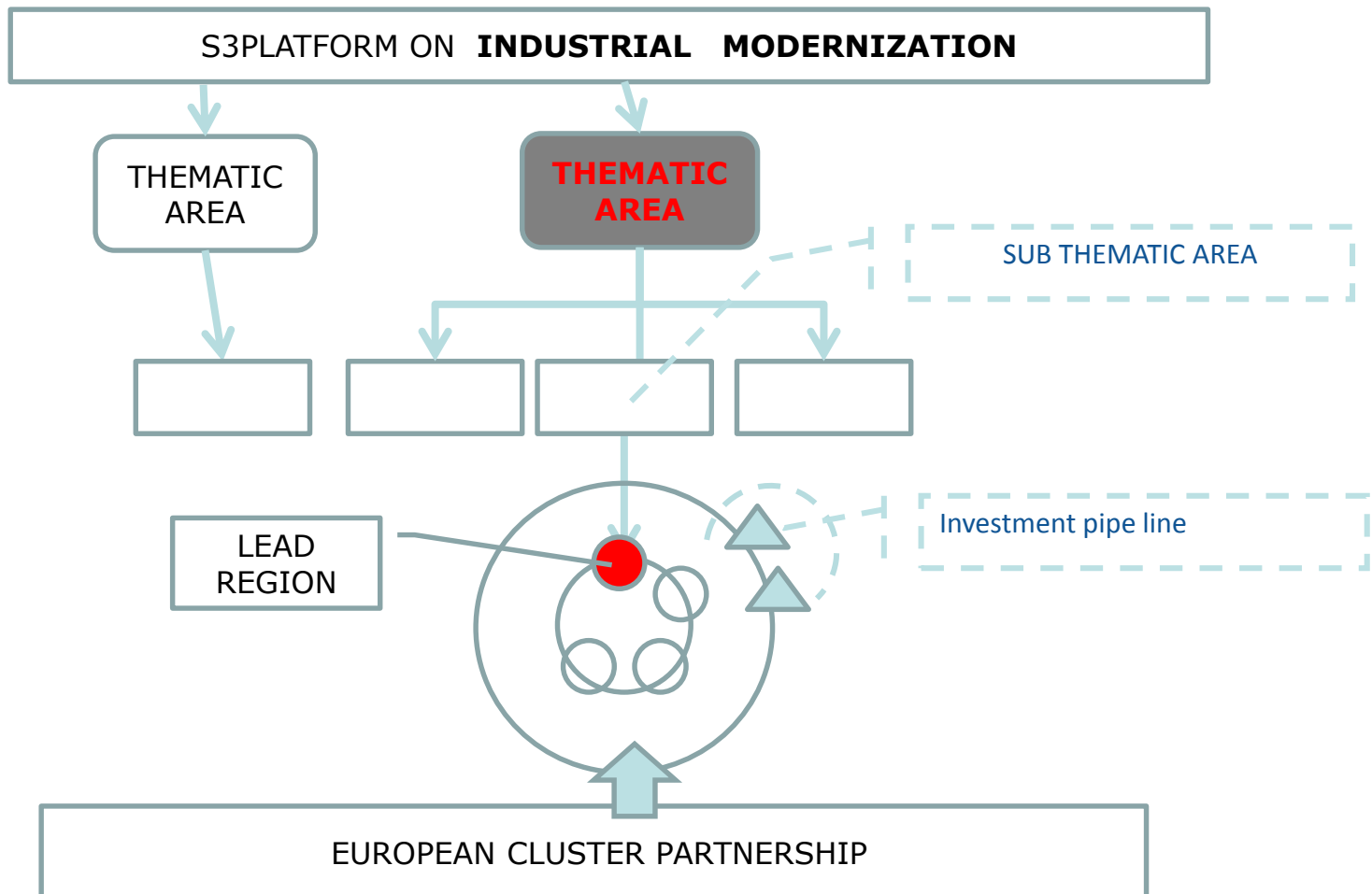
VANGUARD INITIATIVE



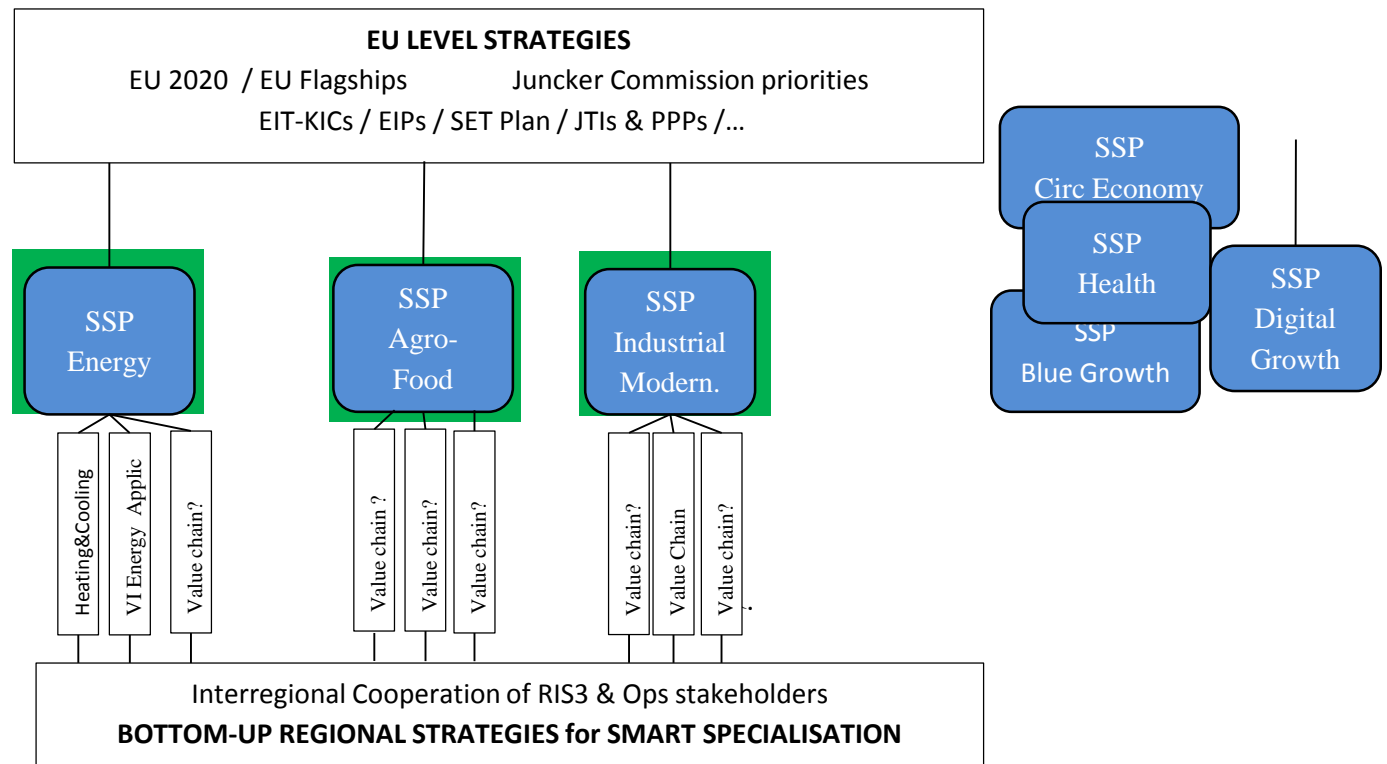
projects/activities per Pilot phase



S3P IM Structure



Inspiration for setting up Thematic Smart Specialisation Platforms



Thematic Smart Specialisation Platforms



S3 Thematic Platforms

[Agri-Food](#)

[Energy](#)

[Industrial Modernisation](#)

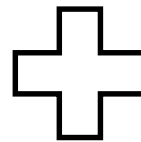
[About our methodology](#)

S3 Thematic Platforms

On the 2nd of June 2016, during the Smart Regions conference, the European Commission has launched two Smart Specialisation Platforms: for Industrial Modernisation and Agri-Food, in addition to the existing S3 Platform for Energy.

These initiatives are to offer hands-on support to regions to foster interregional cooperation based on matching [smart specialisation priorities](#) related to these three areas - such as [Key Enabling Technologies](#), service innovation or resource efficiency. It will be hosted by the European Commission's [Smart Specialisation Platform](#) located in Seville.

**S3
PARTNERSHIPS**



**INVESTMENT
PIPELINE**

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SMART SPECIALISATION PLATFORM



European Commission / Smart Specialisation Platform / S3 Thematic Platforms / **Agri-Food**

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S3 Thematic Platforms

Agri-Food

[Thematic Areas](#)

[Energy](#)

[Industrial Modernisation](#)

[About our methodology](#)

Contacts

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[Katerina.CIAMPI-](#)

STANCOVA@ec.europa.eu

Latest News

[Horizon 2020 Information Day on the Research Public-Private Partnerships](#)

14 Oct 2016

[S3 Themes](#)

The aim of the event is to give the research community an overview of ongoing activities in the following PPPs :
Factories of the Future,...

Agri-Food

Flash News

SAVE-THE-DATE: A kick-off event of S3P - Agri-Food will be organised to foster interregional cooperation and investments on the **6-7 December 2016** in Florence, Italy.

This meeting will result in the first group of partnerships formally joining the Agri-Food S3 Platform as members. At the same time, it will result in agreed working arrangements to prepare partnerships in thematic areas and establish a project investment pipeline, in particular for pilots and demonstrators in the targeted areas. The European Commission is committed to develop support and advisory services to accelerate this project pipeline.

Further information about the event is available [here](#).

OPEN CALL: Expressions of interest for setting-up and co-leading new partnerships in specific thematic areas related to **Agri-Food** may be submitted [here](#).

The Smart Specialisation Platform for Agri-Food (S3P Agri-Food) established at EU level aims to accelerate the development of joint investment projects in the EU by encouraging and supporting interregional cooperation in thematic areas based on smart specialisation priorities defined by regional and national government linked to agriculture and food. Through the S3P Agri-Food, EU regions and member states are able to implement more efficiently their smart specialisation strategies, and regional stakeholders benefit from the new cooperation opportunities with partners from other regions.

Objectives

Proposals submitted until 25th November 2016












SMART SPECIALISATION PLATFORM



European Commission / Smart Specialisation Platform / S3 Thematic Platforms / Agri-Food / **Thematic Areas**

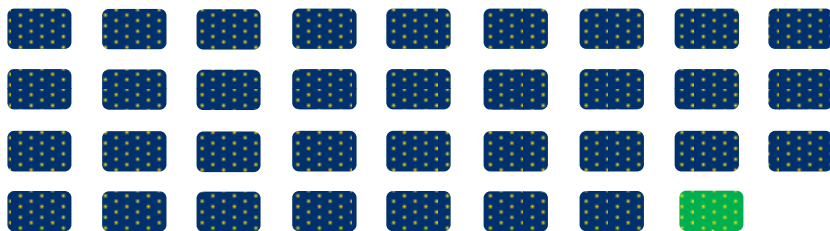
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Proposals for the development of S3P Agri-Food thematic partnerships

Thematic area	Coordinating/lead region(s)	Proposal
Rural diversification and Smart Agri-Food destinations	Region of Central Macedonia and Noord-Brabant	
High-tech farming	Tuscany	
Public Meal as a driver of sustainability, health and innovation in the agri-food chain	Skane	
Nutritional quality of mass catering	South Ostrobothnia	
Traceability and big data	Andalusia	
Vanguard Initiative Bioeconomy Pilot - Agri-Food	Vanguard Initiative	
Sustainable development of production field crops	North East region (Romania)	
From farm to fork	West region (Romania)	
Better food value chains, more resilient, transparent and competitive	Castilla y Leon	

ESIF framework for actions in 2014-20

456 national/regional OPs and 79 INTERREG cooperation programmes

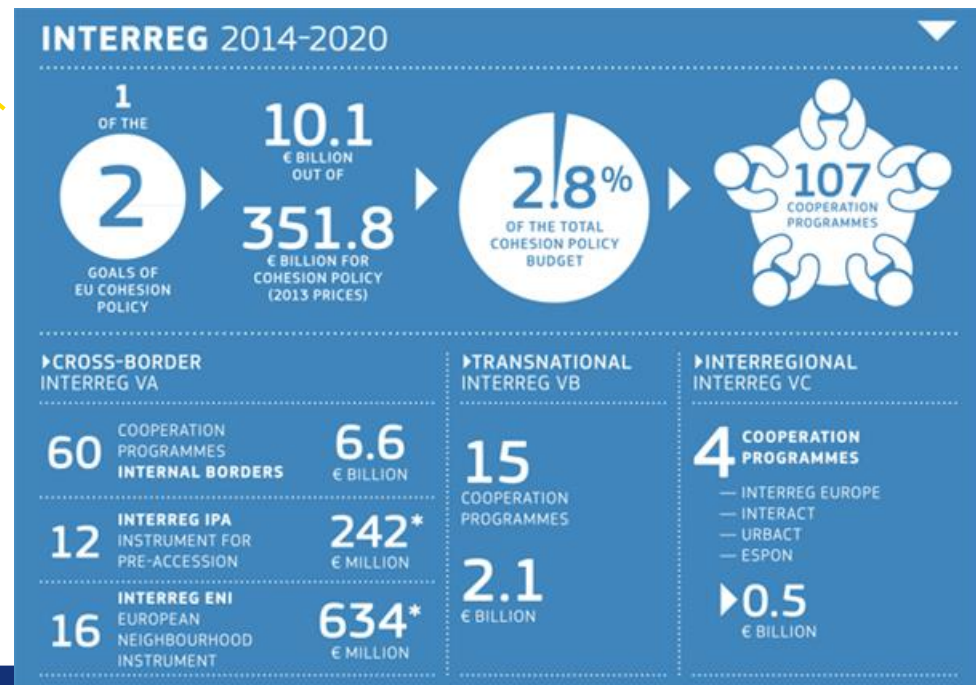


Goal 1:

Investment for growth & jobs
Euro 352 billion

Goal 2:

**European Territorial
Cooperation**
Euro 10 billion



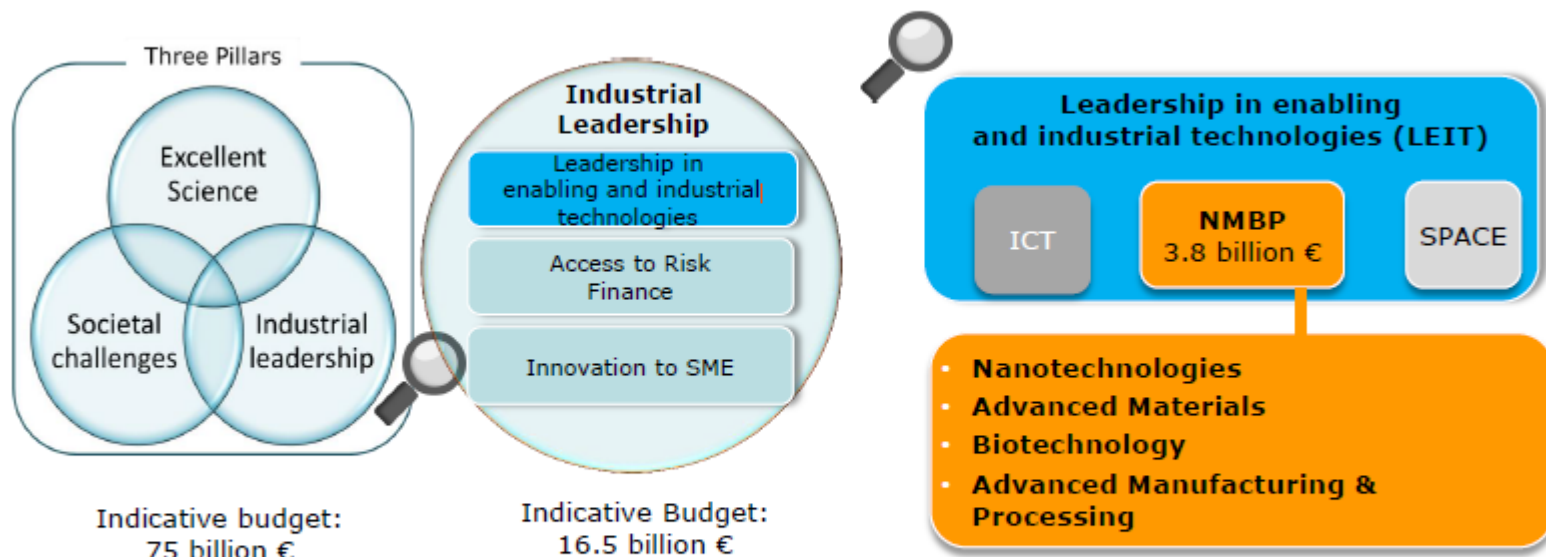
European Strategic Cluster Partnerships for smart specialisation investments

- *aims to strengthen industry participation and inter-regional collaboration in implementation of smart specialisation strategies*
- *addressed to cluster organisations, other business network organisations, technology centres and science parks*
- *focuses on industrial modernisation*
- *Call for expression of interest for partnering process open until end of 2016 via*
- **Call for proposals** (COSME 2.8 mio) for early 2017 to support ca. 8 cluster partnerships & give ESCP-S3 label to good non-funded
- **Advisory support services** to ESCP-S3 labelled partnerships from the European Observatory for Clusters and Industrial Change



<http://www.clustercollaboration.eu/news/call-expression-interest-towards-european-strategic-cluster-partnerships>

Horizon 2020, Industrial Leadership, NMBP



Work Programme and calls published on the Participant Portal:

http://ec.europa.eu/research/participants/portal/desktop/en/funding/reference_docs.html

NMBP KETs - Work Programme 2017 – Open Calls

Public-Private Partnerships – 16 topics – 223,17 M€

- *Factories of the Future (FoF)* : 5 topics – 86,18 M€
- *Energy-efficient Buildings (EeB)* : 4 topics – 54,88 M€
- *Sustainable Process Industry (SPIRE)* : 7 topics – 82,11 M€

Deadline (single stage) : 19 January 2017

NMP – 21 topics – 205,87 M€

- *Nanotechnologies, Advanced Materials, Advanced Manufacturing & Processing*
Deadline (two stage) : 27 October 2016 (1st stage) – **4 May 2017 (2nd stage)**

- *NMP Coordination and Support Actions (CSA)*
Deadline (single stage) : 21 January 2017

Biotechnology – 3 topics – 48 M€

Deadline (two stage) : 27 October 2016 (1st stage) – **4 May 2017 (2nd stage)**

Pilots – 3 topics – 48,66 M€

Deadline (two stage) : 27 October 2016 (1st stage) – **4 May 2017 (2nd stage)**

NMBP Nanotech Pilots & SP3 Platform

- WP 2014/15: **24** projects, **138 M€** funding
- **58%** of participants are from **industry**
- **34%** are **SMEs**, receiving **44 M€** in funding
- **70 pilot lines** are being developed within the 24 projects
- WP 2016/17: **12** new projects, **80M€** additional funding

European Pilot Production Network

February 2017 Workshop

Regional Co-operation Networks for Industrial Modernisation: RE-CONFIRM

Objectives

- *Contribute to the bottom-up implementation of RIS3*
- *Strengthen the industry and SMEs participation*
- *Trigger investment projects for industrial modernisation*

Main Deliverables

- *inventory of RIS 3 strategies, studies and mapping exercises*
- *Updates of the RIM Plus repository*
- *calls for EoI every 6 months*
- *>5 matchmaking and showcasing events per year*
- *>10 co-operation protocols proposed (min. 50% to be actually implemented)*
- *promotional and communication strategy*
- *operational roadmap to ensure synergies*

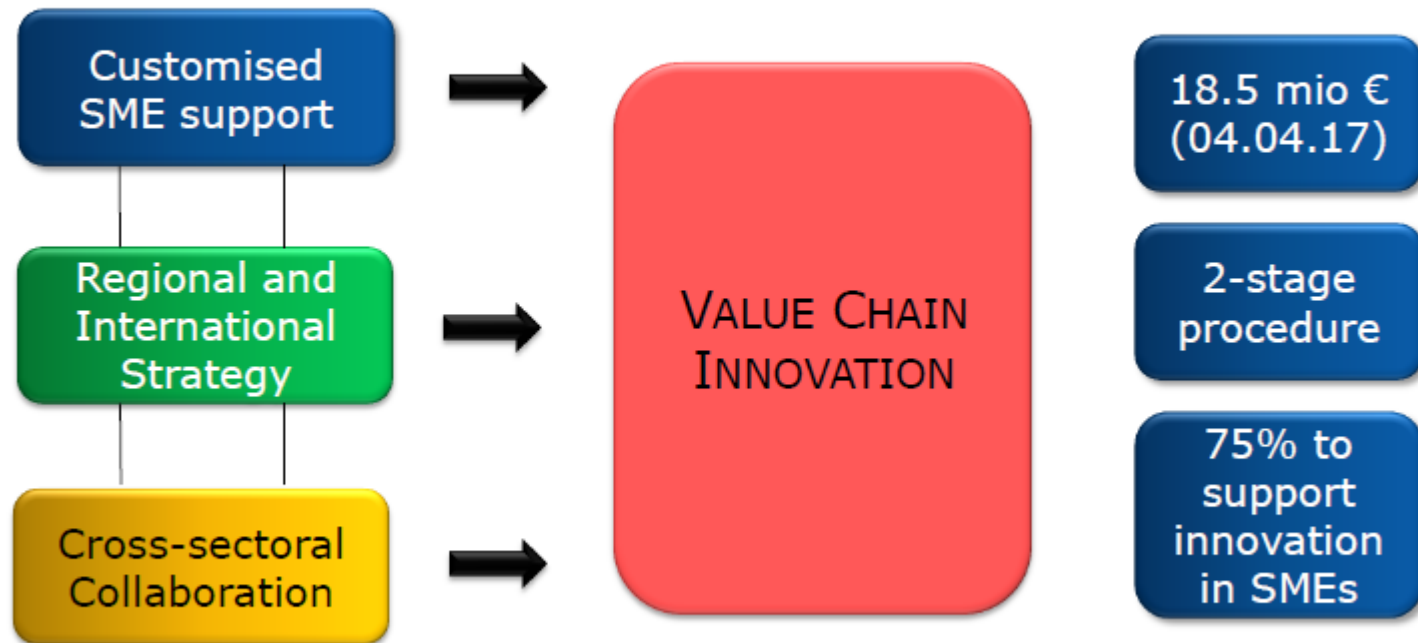


Connecting to
boost technological
transformation

40 Matchmaking Events with the objectives of:

- **Fostering the development** of cross-regional cooperation projects or joint initiatives
- **Facilitating the cooperation** between SMEs, regions, cities and competence centres willing to work together on concrete projects which demonstrate potential for cross-regional cooperation in KETs and digital transformation.
- **Optimising the involvement of all actors** towards the formulation of concrete projects which demonstrate potential for cross-regional cooperation

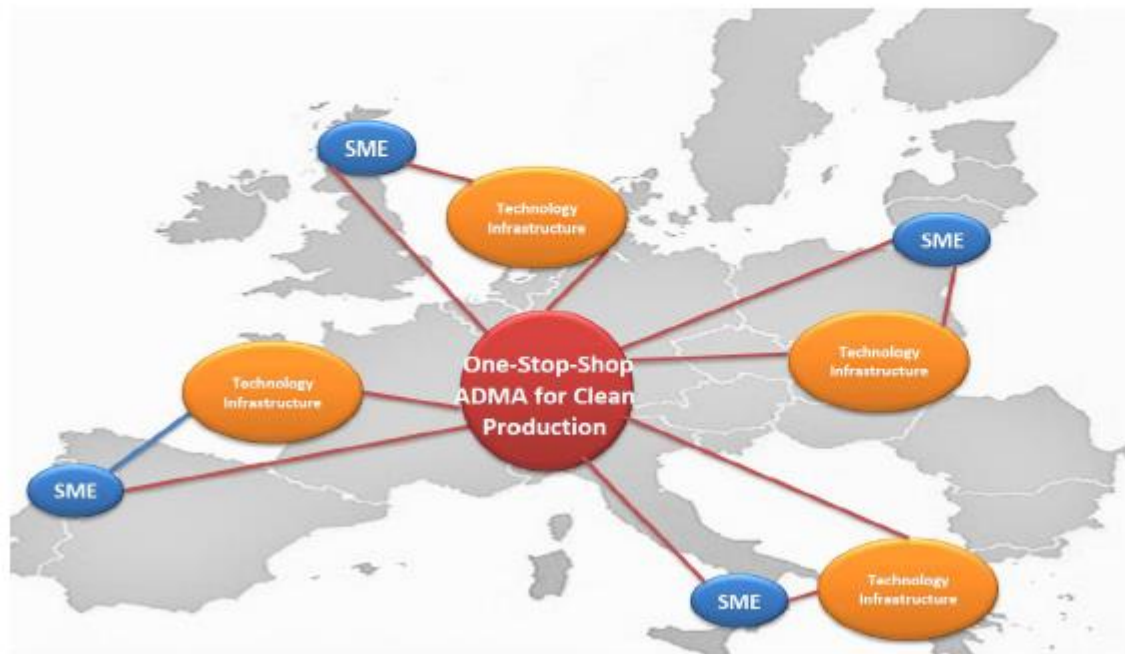
Using clusters to facilitate value chain innovation and industrial transformation



Innovation action: "Cluster facilitated projects for new industrial value chains" (annual calls, next one: **INNOSUP-1-2017**)
<https://ec.europa.eu/research/participants/portal/desktop/en/opportunities/h2020/topics/6084-innosup-01-2016-2017.html>

Cross-border network of technology centres to accelerate SME uptake of advanced manufacturing for clean production

(Horizon 2020 INNOSUP-3-2017)



**One-stop shop
access for SMEs
from network of
technology
infrastructures**

**Overall budget:
4,9 M Eur
(3 years)**

**Services such as
prototyping and
pilot production,
training and advice**

Collaboration between manufacturing SMEs and designers/digital SMEs (WORTH)

WORTH PROJECT

Intermediaries: clusters, sector organisations, RTOs



€ 10,000

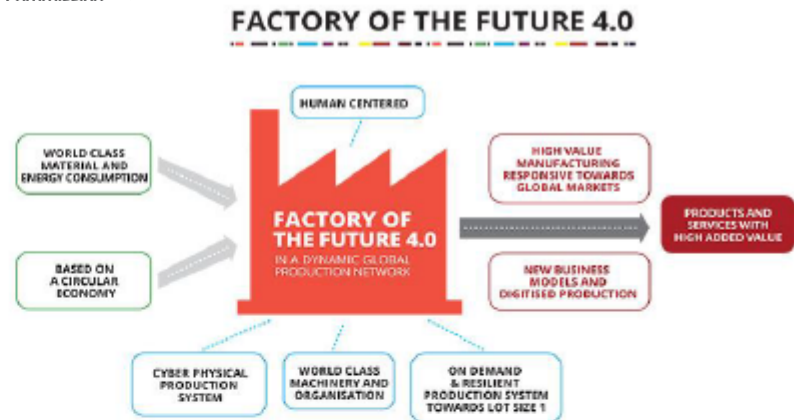
Coaching

IPR

34 trans-national partnerships

Advanced manufacturing support centre for manufacturing SMEs

(2,4 mio € COSME, 2017-2020)



(1) to **help SMEs assessing the possibility of adopting advanced manufacturing solutions** (new technologies, equipment or production strategies)

- ✓ Pilot to accompany and assist SMEs
- ✓ Promote further deployment of methodology in new initiatives in **cooperation with clusters, national/regional innovation support organisations** etc.

(2) to set up **learning networks of next-generation factories** to become the **inspiring examples for other manufacturing companies**



Blueprint for Sectoral Cooperation on Skills –

sector-specific skills solutions based on industry-led three-step approach:

1. Collect evidence of skills gaps and their potential impact on growth, innovation and competitiveness
2. Translate sectoral strategy into forecasts and actions on jobs and skills
3. Roll-out EU sectoral partnerships at national and regional level and expand to more sectors

The Blueprint will initially be piloted in six sectors that are experiencing skills shortages:

automotive,
defence,
maritime technology, textile & clothing & leather & footwear (TCLF),
space (Earth observation)
tourism.

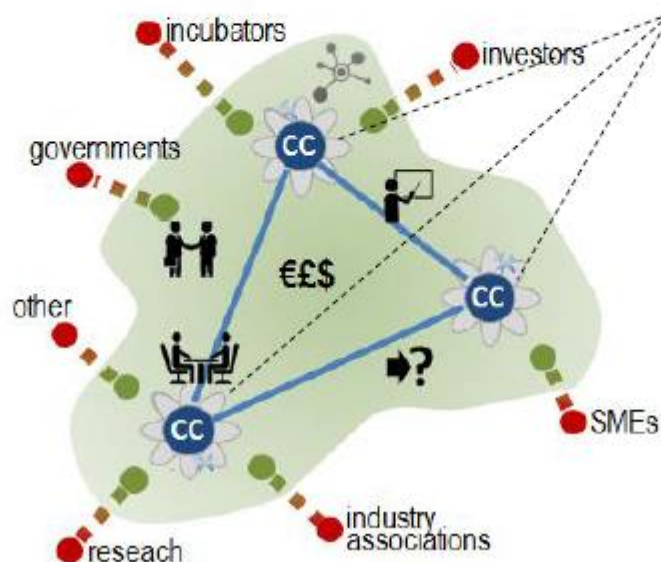
Additional sectors (construction, steel, health, green technologies and renewable energies) will be assessed in a second wave.

Digital Innovation Hubs focus on mixing technological competences within an ecosystem delivering innovation services

DIGITAL INNOVATION HUB

Organised to provide services to industry

- Access to competence centres
- Development of innovation ecosystem
- Brokerage
- Access to finance
- Market intelligence
- Training and education
- Incubator/mentoring services



COMPETENCE CENTRE

Competences in Digital Technologies

- Provide access to infrastructure and technology platforms
- Provide digitisation and application expertise
- Support experimentation in real-life environments
- Support fabrication of new products
- Demonstrate best practices
- Showcase technologies in pilot factories, fab-labs

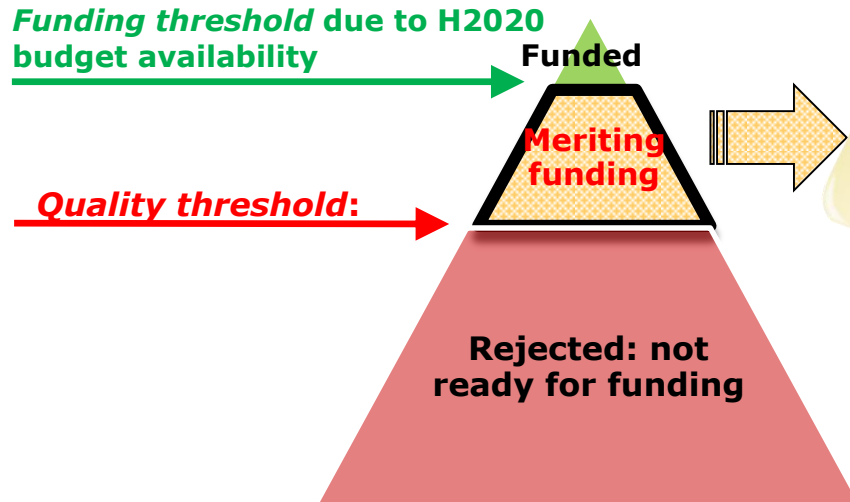
Participate to the stakeholder conference on 31 January-1 February in Essen, Germany
<https://www.bmwi-registrierung.de/digitising-european-industry/>

SEAL OF EXCELLENCE

Key Features



Horizon 2020 evaluation:



Excellent proposals receive the **SEAL OF EXCELLENCE** certificate



Pilot using the SME Instrument

- ✓ Close to intervention logic of ESIF authorities:
- ✓ Single company
- ✓ Small scale R&I actions
- ✓ Close to market

Regions/MS taking-up 'seal of excellence' proposals:

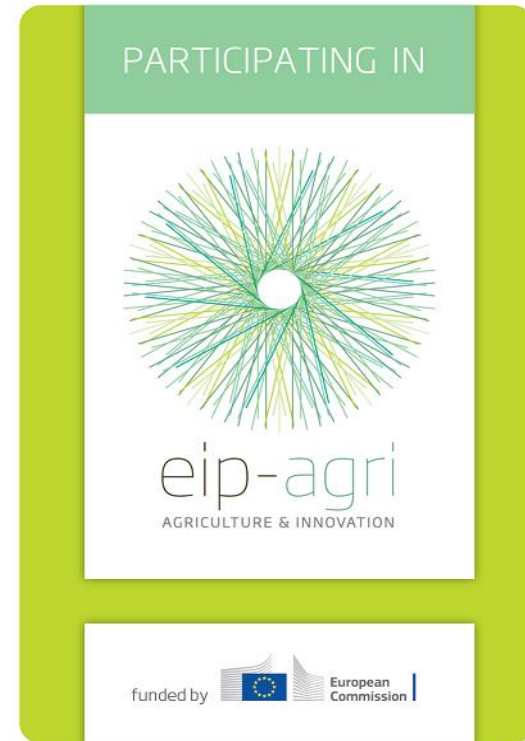
- ✓ Benefit from pre-screening by H2020
- ✓ Make the most of a unique, high quality evaluation process
- ✓ Better use the resources
- ✓ Invest on high local impact proposals

EIP (European Innovation Partnership)

- *part of Rural Development*
- *> 3200 pilot projects*
- *programmed by Member States / Regions*

Networking at EU level via EIP network (google EIP AGRI)

- *focus groups / workshops / etc*

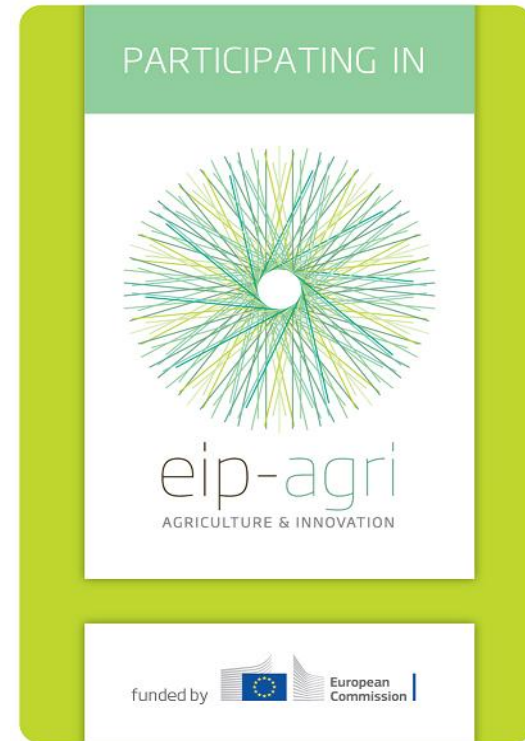


EIP

Short supply chains (link to
*Macedonia and Noord-Brabant
proposal*)

- *focus group short supply chains*
- *workshops cities and food*

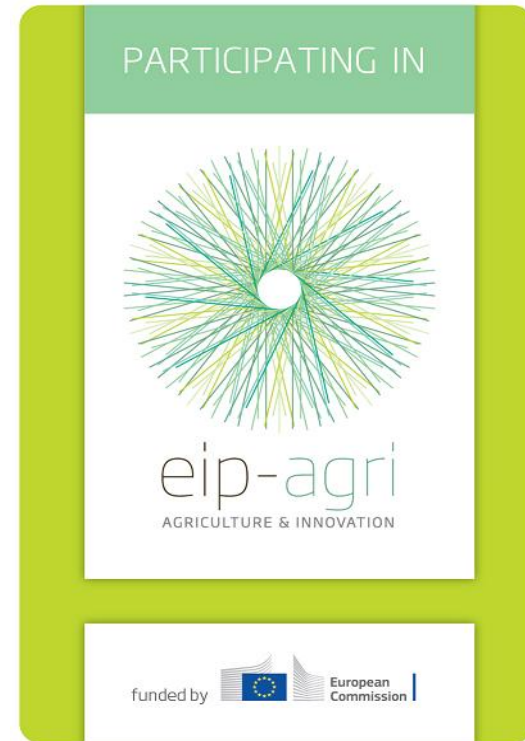
*Bottom up via Rural Development
Governance body (Subgroup
Innovation)*



EIP

Digitisation (link to Tuscany and Andalucia proposal)

- focus group precision farming*
- workshops data platforms / data access / business development*
- Digital Hubs (linked to Digital Agenda)*



EIT priorities 2014 – 2020

1

**Fostering
growth and
impact of first 3
KICS**

Climate-KIC

EIT Digital

InnoEnergy

2

**Creating
5 new KICs**

2014

EIT Health

EIT Raw Materials

2016

EIT Food

EIT Manufacturing

2018

EIT Urban Mobility

3

**Sharing
and
Dissemina
ting
Community
good
practices**

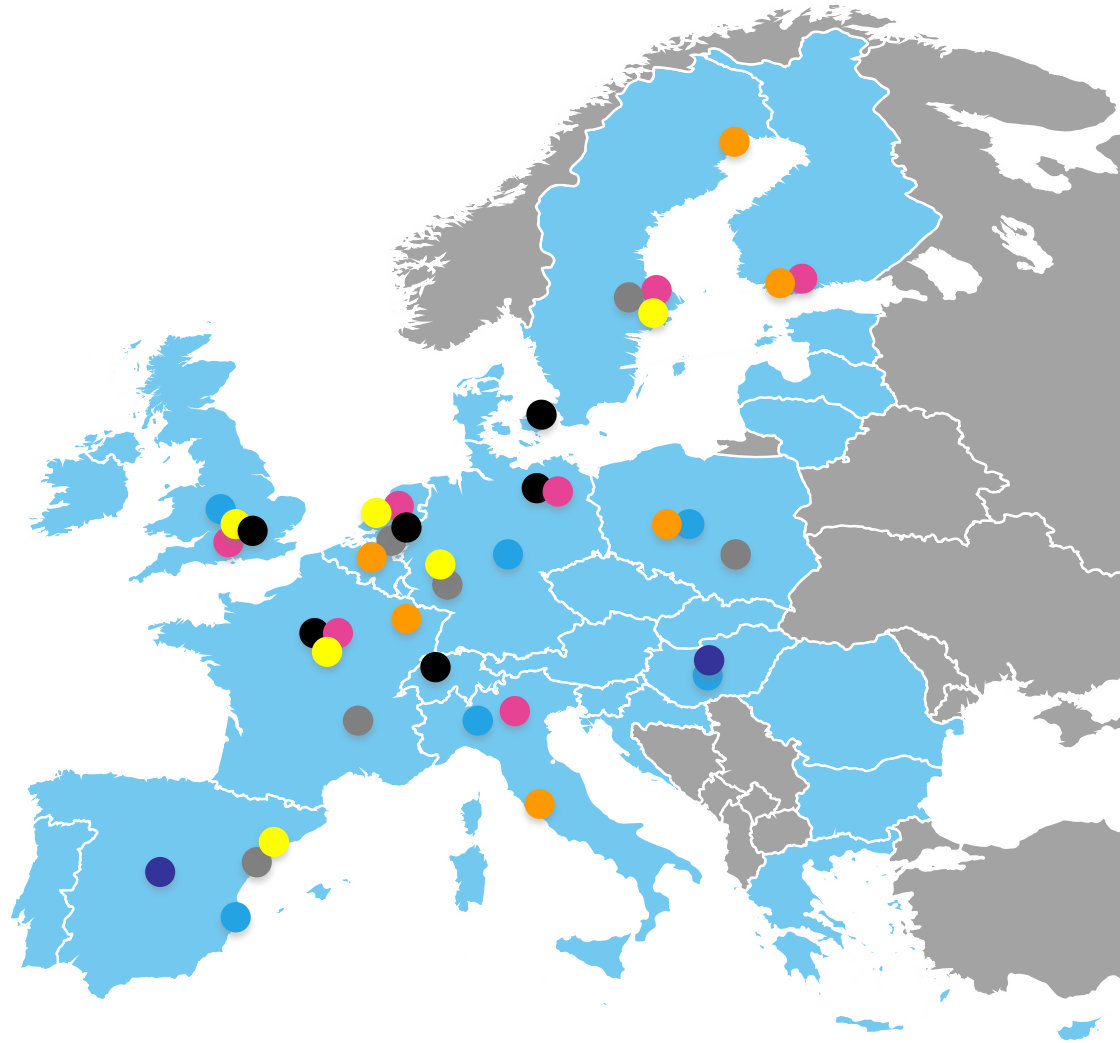
Inc. EIT Regional
Innovation Scheme
(EIT RIS)



European Institute of
Innovation & Technology

EIT across Europe: KICs' Co-location Centres

Climate-KIC	
●	Co-location Centre
●	Regional Centre (RIC)
EIT Health	
●	Co-location Centre
EIT Digital	
●	Co-location Centre
●	Associate Partner
EIT Raw Materials	
●	Co-location Centre
InnoEnergy	
●	Co-location Centre



EIT Regional Innovation Scheme



Eligible countries:

1) Bulgaria

- 2) Croatia
- 3) Cyprus
- 4) Czech Republic
- 5) Estonia
- 6) Greece
- 7) Hungary
- 8) Italy
- 9) Latvia
- 10) Lithuania
- 11) Malta
- 12) Poland
- 13) Portugal
- 14) Slovakia
- 15) Slovenia
- 16) Spain
- 17) Romania

18) Albania

19) Bosnia and
Herzegovina

20) Faroe Islands

21) Former Yugoslav
Republic of
Macedonia

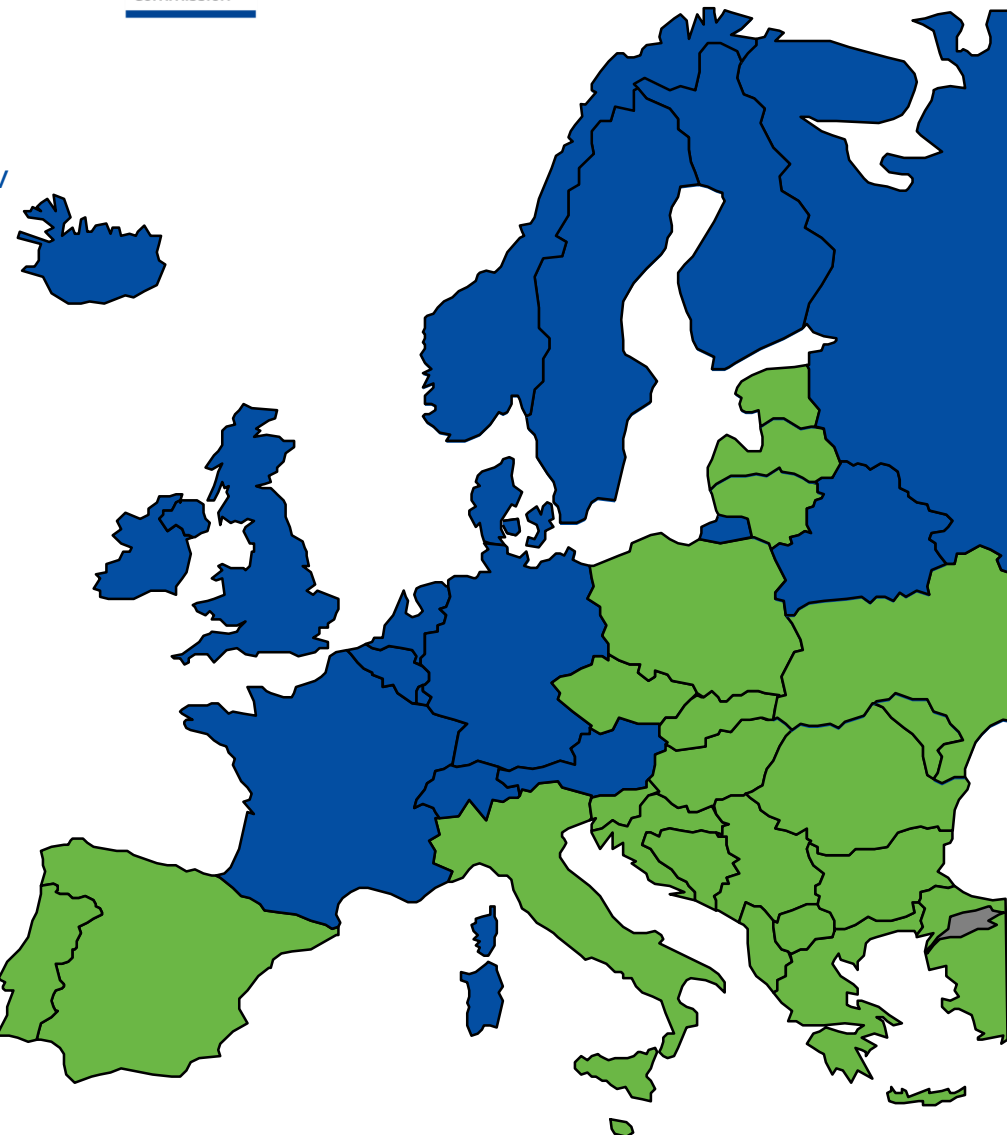
22) Moldova

23) Montenegro

24) Serbia

25) Turkey

26) Ukraine



* Based on the Regional
Innovation Scoreboard and
focusing on the group of Moderate
and Modest innovator MS



European Institute of
Innovation & Technology

WHY cooperate?



Five reasons why we need this

1. To **complement efforts** in the implementation of national/ regional operational programmes and their respective smart specialisation strategies across EU.
2. To **avoid duplication of investments**
3. To **boost innovation and investment** projects through inter-regional cooperation of innovation actors working beyond borders
4. To **enable development of project investment pipelines** using economy of scale and scope possible only at EU level
5. To **build synergies** with other regional, national and European initiatives (Horizon 2020, COSME, EFSI etc)

HOW cooperate?



RIS3 to look for complementarities, build critical mass and help upscaling

- ✓ Starting from RIS3 **priorities** to identify motivated lead-regions
- ✓ Team up regions/member states and their innovation actors (businesses/researchers) around **value-chains**
- ✓ **= entrepreneurial discovery at European level**: inspired by Vanguard Initiative methodology
- ✓ **Aligning** smart specialisation areas with thematically related EU level initiatives/knowledge/financing
- ✓ **Provide supply of projects** in research and innovation across EU to feed into project investment pipe-lines / innovation platforms

Learn: *interregional knowledge building*

- *'Expression of interest' to propose a theme and a candidate lead-region*
- *Joint identification of cooperation areas within the broader priority domains, in perspective of co-investment.*

Connect: *key stakeholder search and matching*

- *Consolidation of this scoping note and establishment of a work plan with a coalition of regions*
- *Matchmaking between the relevant actors to identify co-investment projects (an action plan for 1 year)*

Demonstrate: *support to deployment of innovative products/ services*

- *Preparing fundable projects and business plans*
- *Developing investment projects*
- *Operationalisation of Joint Demonstration*

Upscale: *financing, communication, documentation and knowledge management*

Expert support services can be provided to the lead regions/member states

- Relevance for smart specialisation strategies: transformative and innovative idea, clear added-value, sufficient granularity, business interest, synergies, etc.
- Level of ambition and commitment (political and financial)
- Leadership: two or more regions have commitment as lead-regions
- Number of regions involved and geographical balance
- Envisaged involvement of stakeholders (industry, academia, public authorities, civil society), including cluster organisations and business networks
- Links to RIS3 priority areas
- Openness towards other regions

Join an existing proposal/partnership

Regions/MS need to consider:

- if the theme is linked to their S3 priority(-ies)
- if they have dedicated resources (for co-investment) to implement activities in this area
- if collaboration is of mutual benefit for all participating regions

and also:

- **what they would like to achieve from such partnership**
- **what they are bringing in**
- **how they see their region's activities fit into the possible value chains that would be developed by participating regions**

Mapping priority areas

Eye@RIS3

Multi-level Mapping
(innovation eco-systems)

Existing and
new EU wide
initiatives

Thematic sub-areas

EU Players

Government
bodies and
entities

Industry,
Business
Players

Knowledge
Generators

Funding
Sources

Vanguard
Initiative

Energy

Agro-
Food

ICT

KETs

Health

DG JRC Units
Other DGs (incl. AGRI, CONNECT,
RESEARCH, REGIO), EIT, EIB...

National,
Region, Local
authorities

SMEs, MNEs,
Clusters

Academia,
RTOS, labs

Regional, EU,
International,
Business R&D

EEN, EARTO
EURADA

EU Cluster
Observatory,
KETs
Observatory

Government
agencies
(enterprise
support)

A network of
boundary
spanners
(individuals
and
organisations)

Questions and Answers

