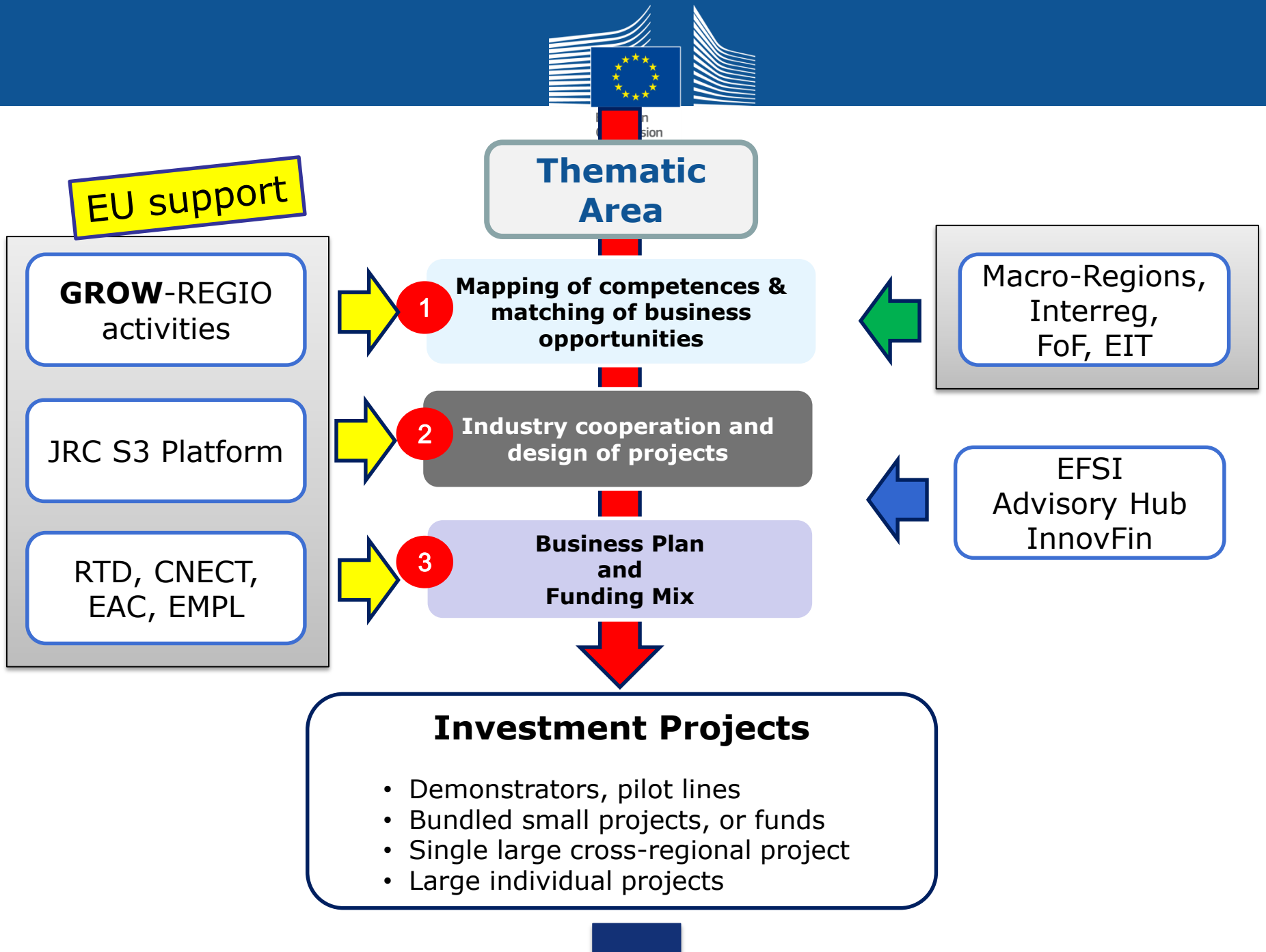
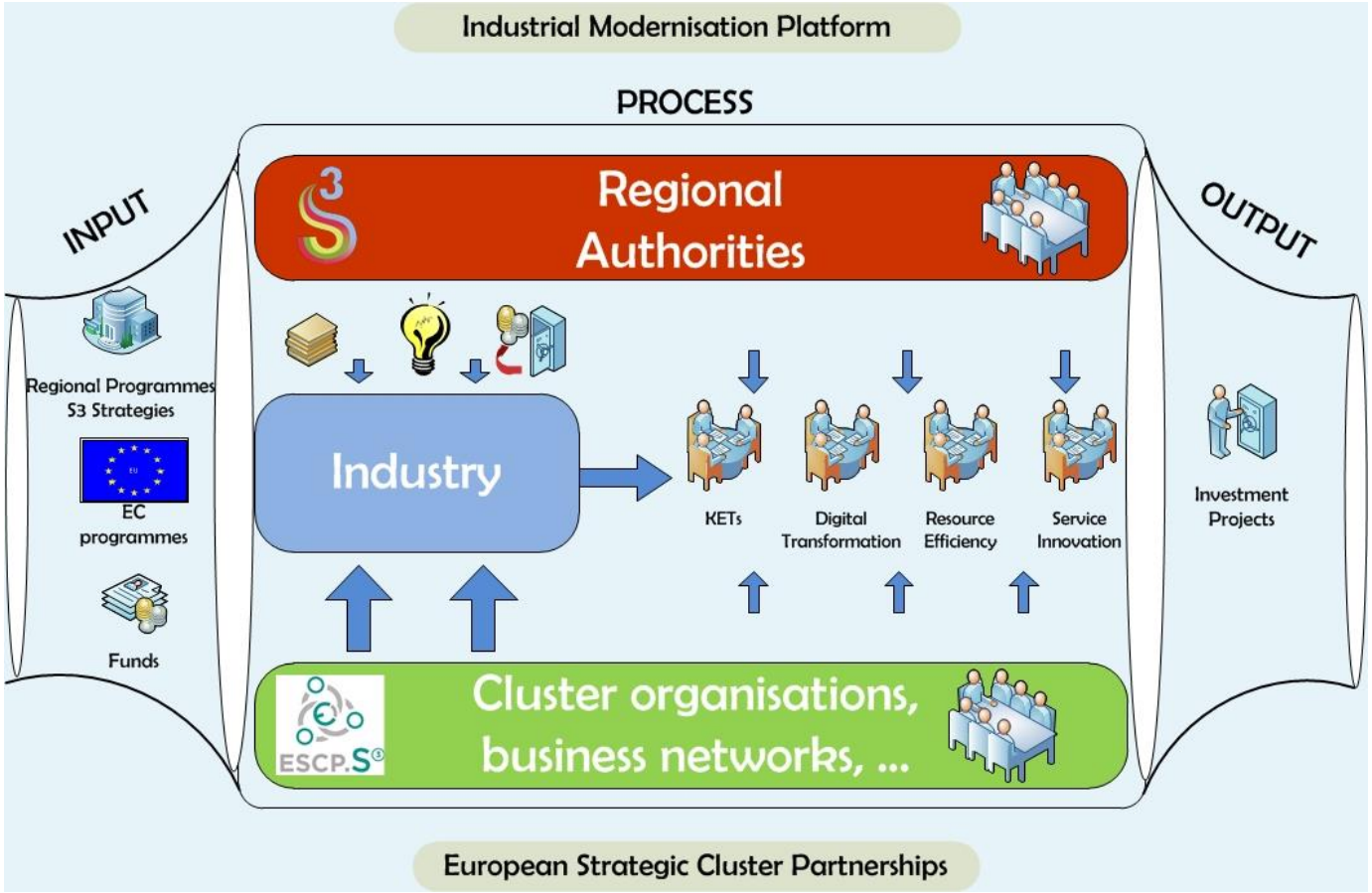
GROWing support for the S3 Platform for Industrial Modernisation

Carsten Schierenbeck
GROW.F2 – Clusters, Social Economy and Entrepreneurship

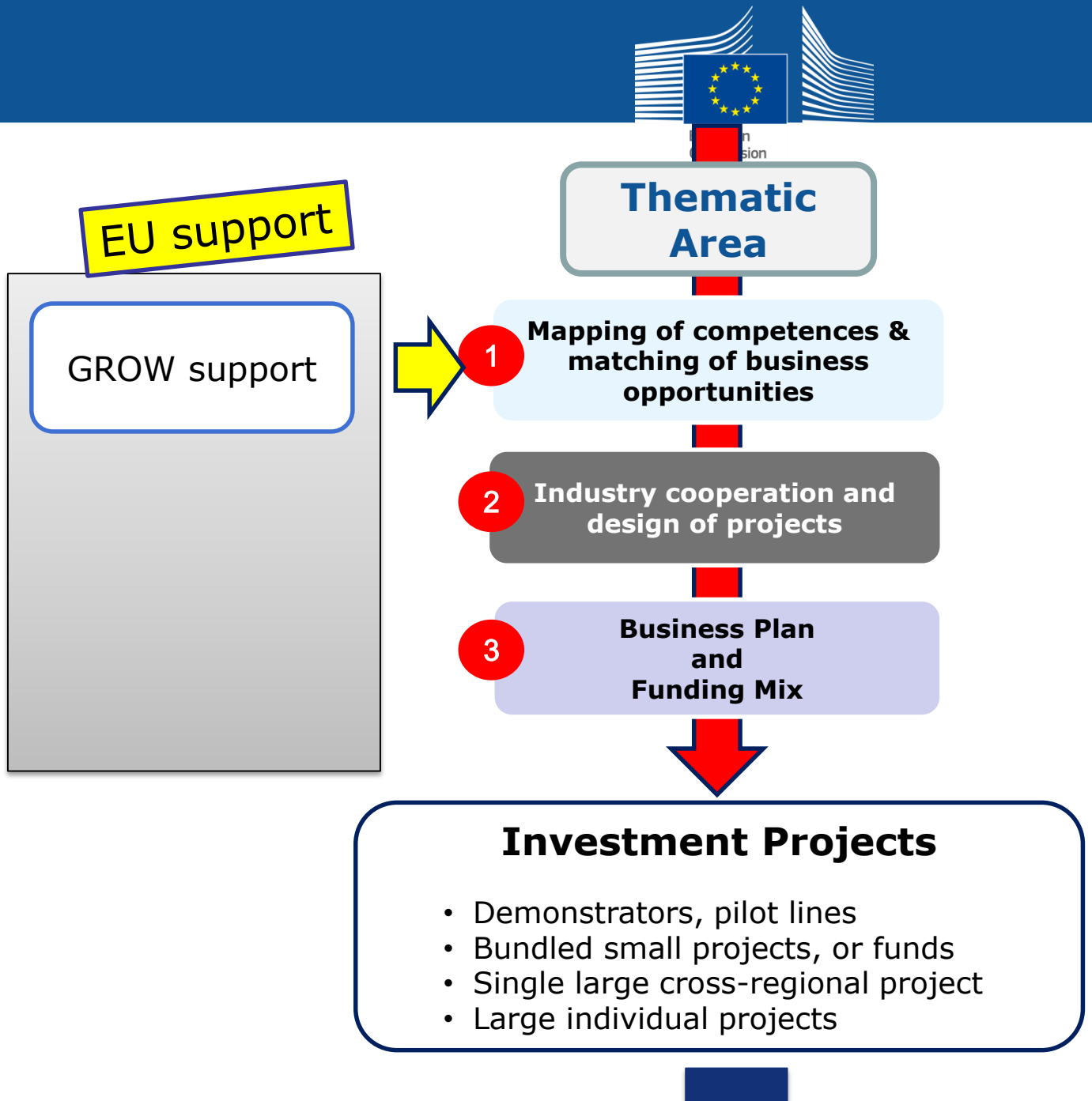
Kick-off event of the Smart Specialisation Platform on Industrial Modernisation
Barcelona, 17.11.2016


EU support
GROW-REGIO activities
JRC S3 Platform
RTD, CNECT, EAC, EMPL
Thematic Area
1
Mapping of competences & matching of business opportunities
2
Industry cooperation and design of projects
3
Business Plan and Funding Mix
Macro-Regions, Interreg, FoF, EIT
EFSI Advisory Hub InnovFin
Investment Projects
• Demonstrators, pilot lines
• Bundled small projects, or funds
• Single large cross-regional project
• Large individual projects

Smart Specialisation Platform for Industrial Modernisation



http://s3platform.jrc.ec.europa.eu/industrial-modernisation
www.clustercollaboration.eu/news/call-expression-interest-towards-european-strategic-cluster-partnerships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European Commission

Regional strength

(sectoral and cross-sectoral cluster mapping)

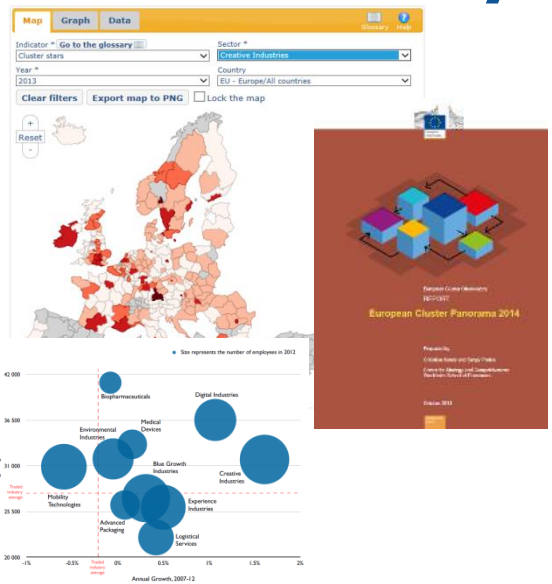
Regional priorities

(research and innovation policy priorities)

Regional partners

(cluster organisations, European Partnerships)

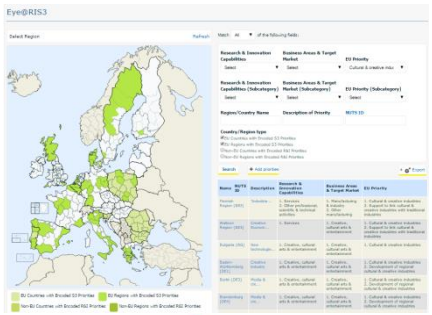
European Cluster Observatory



Cluster Mapping tool

http://ec.europa.eu/growth/smes/cluster/observatory/

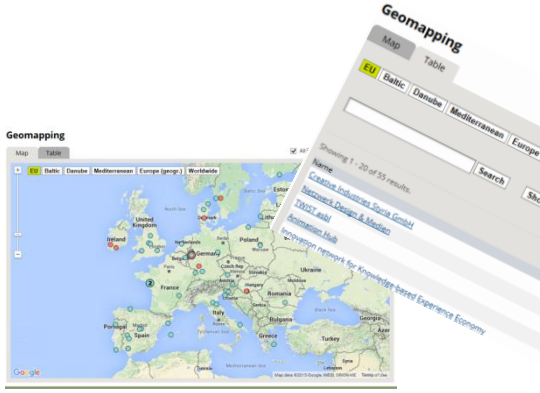
Smart Specialisation Platform



SMART SPECIALISATION PLATFORM

Eye@RIS tool, http://s3platform.jrc.ec.europa.eu/

European Cluster Collaboration Platform



http://www.clustercollaboration.eu

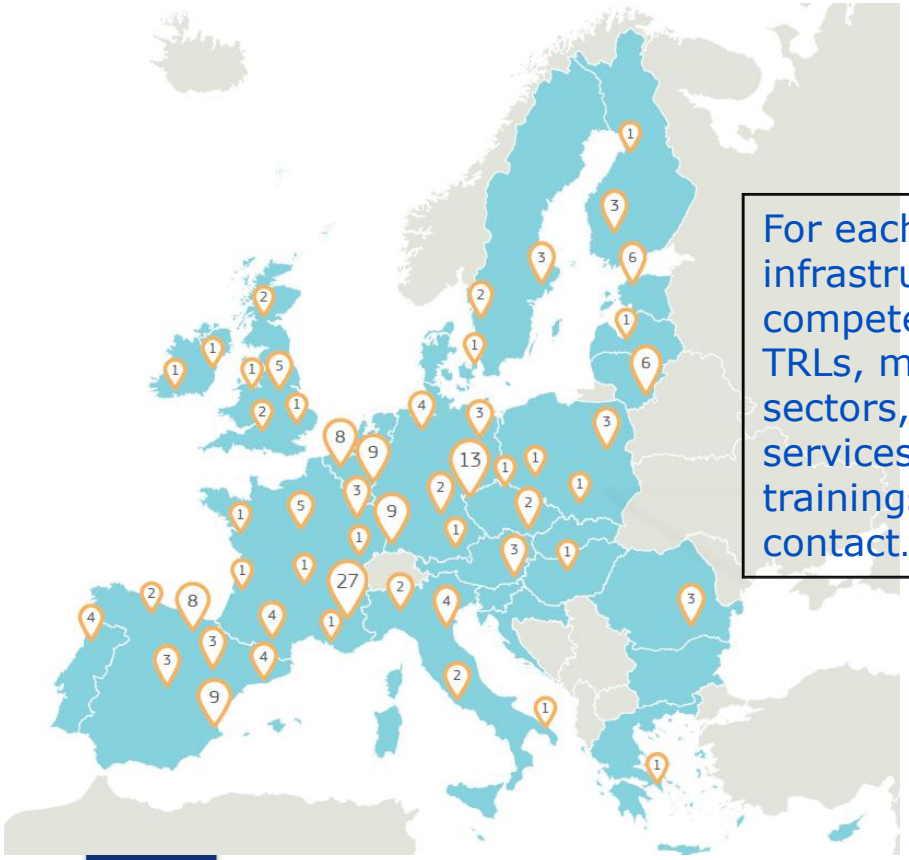
Mapping European technology centres providing services to companies

Webtool online at https://ec.europa.eu/growth/tools-databases/ketsobservatory/kets-ti-inventory/map

Currently 187 KETs Technology Infrastructures mapped

60% in only 4 countries (DE, ES, FR, UK)

Need for networking and pan-European access to SMEs



For each infrastructure: competences, TRLs, market sectors, services, trainings, SME contact…

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*

European Commission

Watify

Connecting to boost technological transformation

Watify connecting

40 Matchmaking Events

with the objectives of:

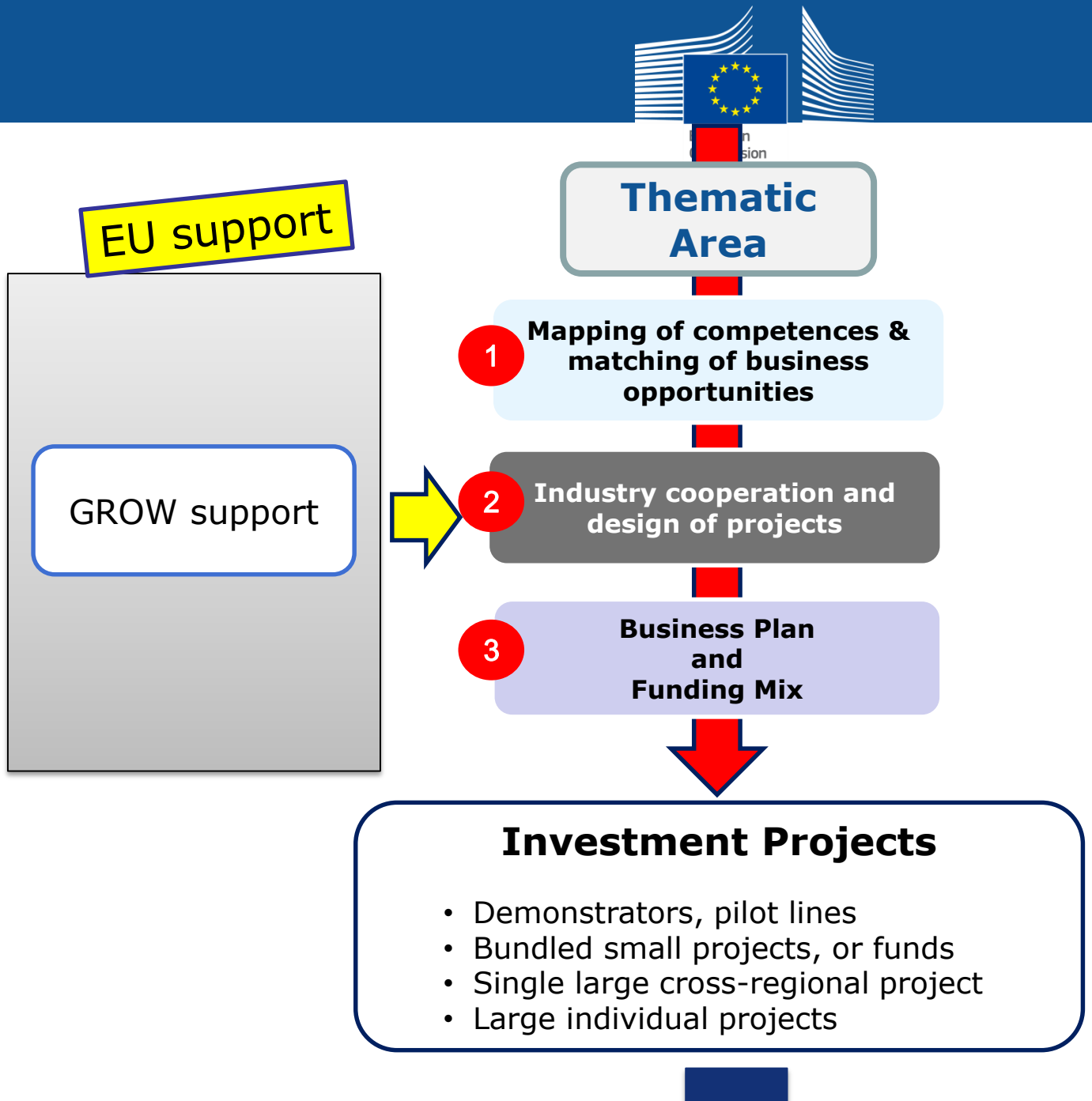
- **Fostering the development** of cross-regional cooperation projects or joint initiatives
- **Facilitating the cooperation** between SMEs, regions, cities and competence centres willing to work together on concrete projects which demonstrate potential for cross-regional cooperation in KETs and digital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

Transforming Regions and Cities into poles of Digital Transformation

Overall Budget : 2.8 million EUR (2 years)

Development of digital local ecosystems

Development of EU-wide interregional collaborations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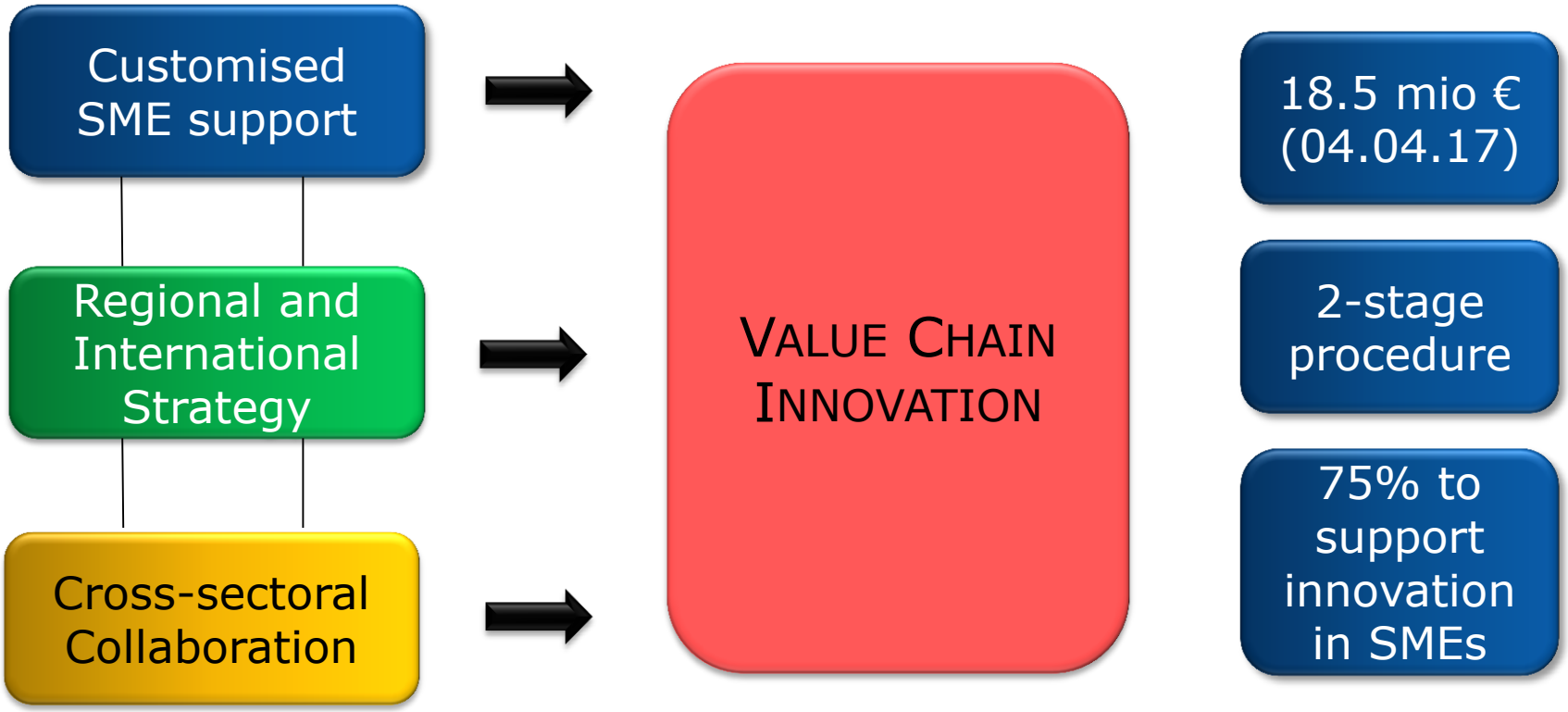
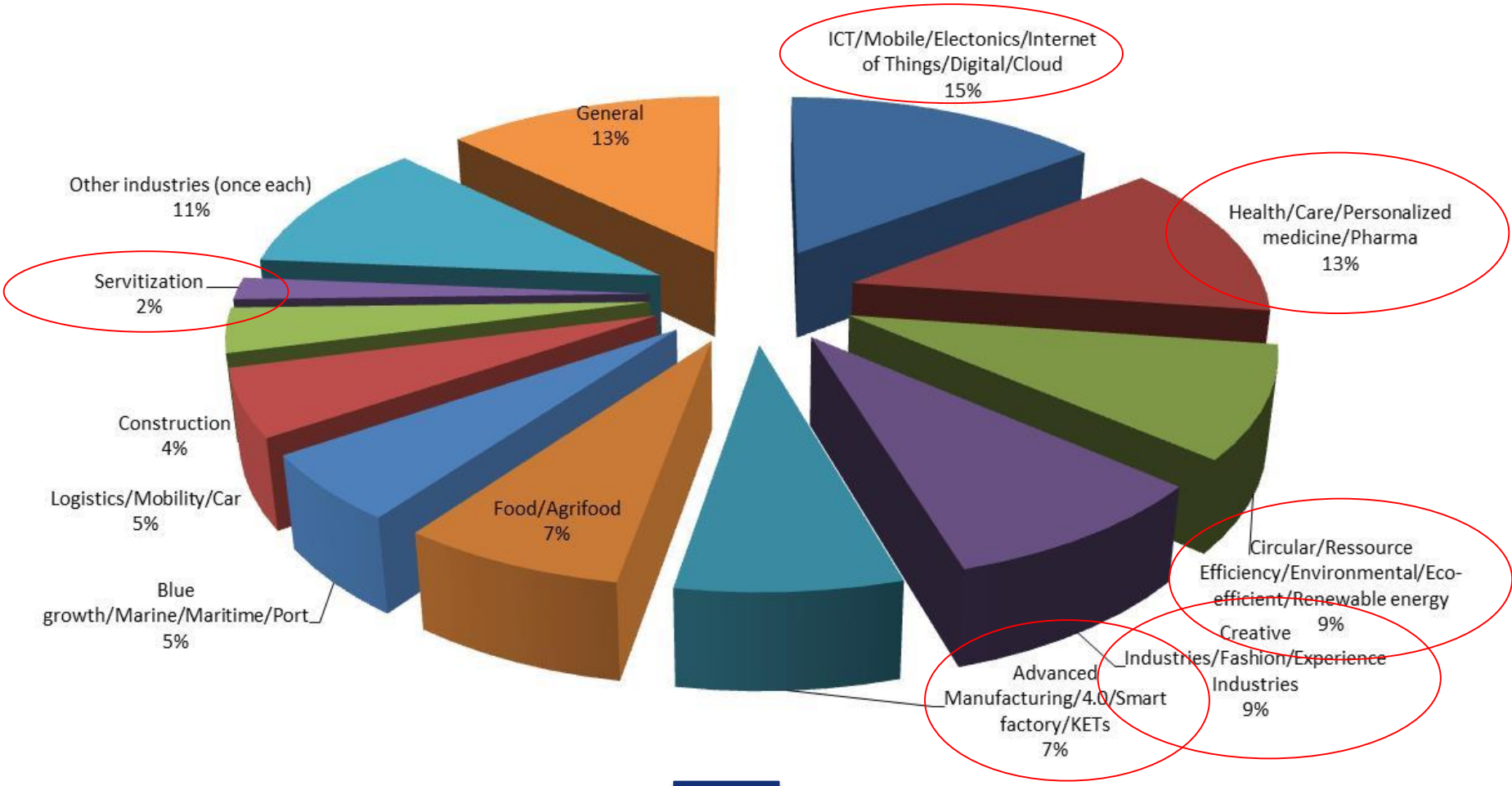
Using clusters to facilitate value chain innovation and industrial transformation



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

Thematic focus areas of cluster projects proposals under INNOSUP-1-2015



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

European Strategic Cluster Partnerships for smart specialisation investments

Partnership building
Joint strategy formulation
Implementation roadmap
SME surveys
Value chain mapping

Matchmaking
Joint activities, demonstration projects, pilots, preparation of bankable proposals

Additional private/public financing
Acceleration support
Showcasing results

Joint activities to strengthen cluster cooperation across the partnership
Gathering feed-back from SMEs on their barriers to innovation, skills, cooperation and investment
Building linkages with other European, national and regional initiatives and networks

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

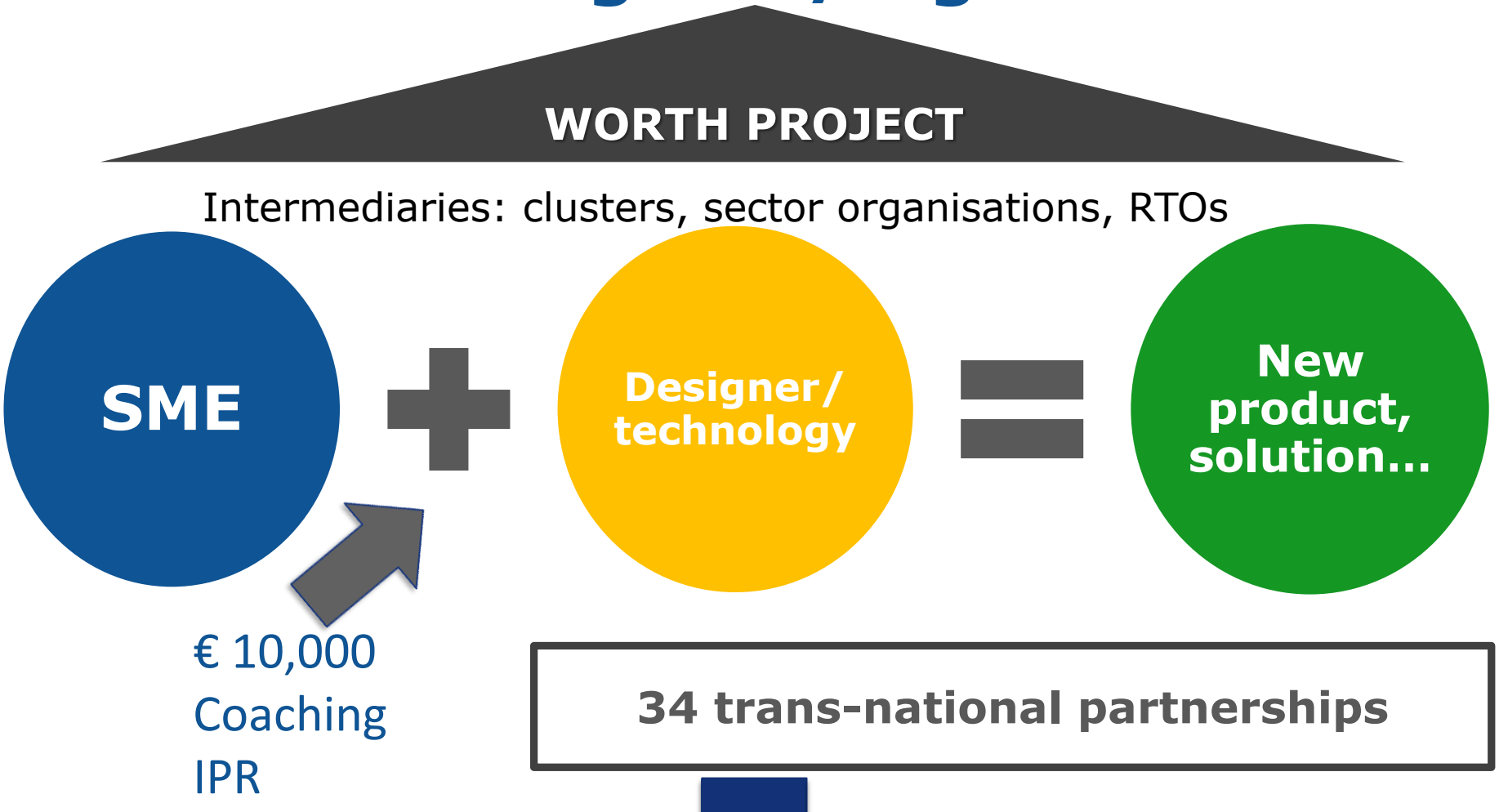
(Horizon 2020 INNOSUP-3-2017)

One-stop shop access for SMEs from network of technology infastructures

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

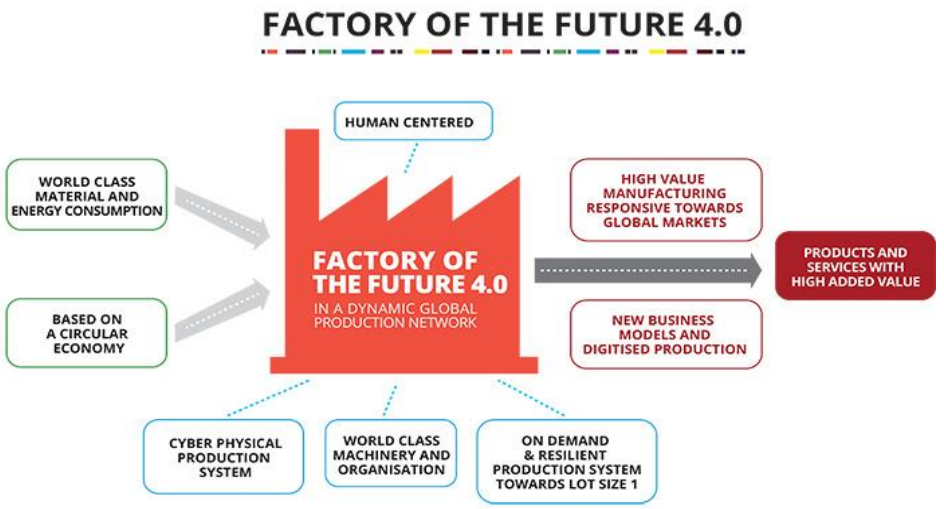
Services such as prototyping and pilot production, training and advice

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



Advanced manufacturing support centre for manufacturing SMEs

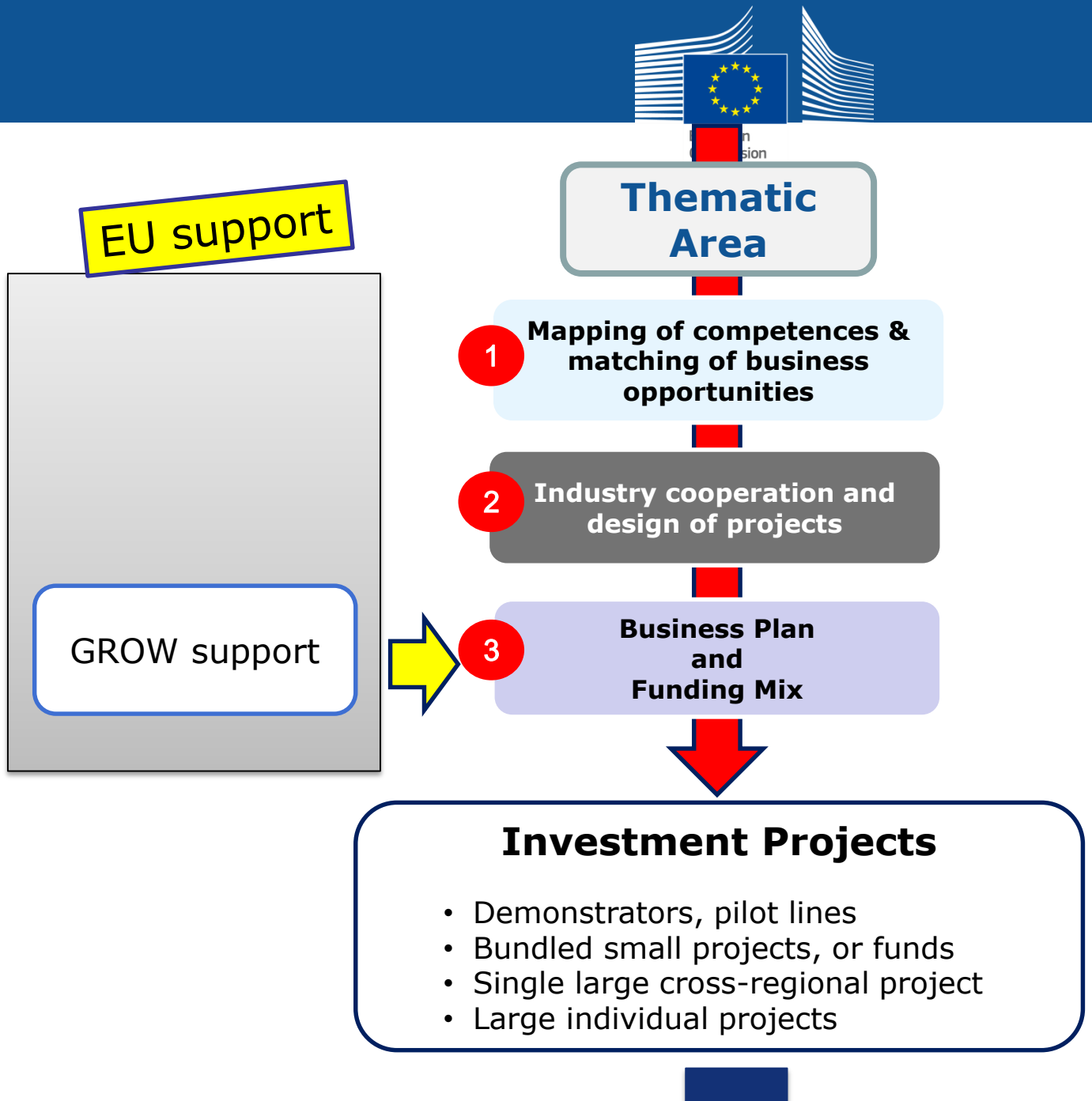
(2,4 mio € COSME, 2017-2020)



(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**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Technical and financial assistance facility for industrial modernisation & investment

The need: To address the lack of specific financial engineering competences to develop bankable investment projects in the framework of the S3P-Industry Modernisation.

The proposed action: Set up and manage a 3-year pan-European initiative providing assistance to industrial partners involved in the Platform willing to develop a business plan (Costs/RoI) and combine different EU, national and regional funds, including EFSI, to finance their investment project.

Budget: COSME: 1.5M Euro, Operational in Q3 2017

Events to get engaged in

- ***30 November-2 December 2016**: High-level European Cluster Conference "Cluster 4:0: Shaping Smart Industries" and European cluster matchmaking pre-event, Brussels*

- ***2017**: Stocktaking at "GROW your REGIOn" conference*

- ***2017:** Smart Regions event*

Smart Guide to Cluster Policy

A couple of concepts,

Eight Do's and Don'ts, and

Plenty good practice examples …

of how to make better use of clusters for promoting regional industrial modernisation, supporting the growth of SMEs and encouraging smart specialisation.

Available at http://ec.europa.eu/growth/smes/business-friendly-environment/regional-policies/

For more information see

Smart Specialisation Platform for Industrial Modernisation
http://s3platform.jrc.ec.europa.eu/industrial-modernisation

Smart Guide to Cluster Policy
http://ec.europa.eu/growth/tools-databases/newsroom/cf/itemdetail.cfm?item_id=8838

Digital transformation of industry and enterprises:
http://ec.europa.eu/growth/sectors/digital-economy/index_en.htm

Reports of the Strategic Policy Forum on Digital Entrepreneurship:
http://ec.europa.eu/growth/sectors/digital-economy/entrepreneurship/strategic-policy-forum/index_en.htm

Blueprint for cities and regions as launch-pads for digital transformation
http://www.digitallytransformyourregion.eu/

Clusters, Social Economy and Entrepreneurship unit (GROW.F2)
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http://clustercollaboration.eu