

VANGUARD INITIATIVE

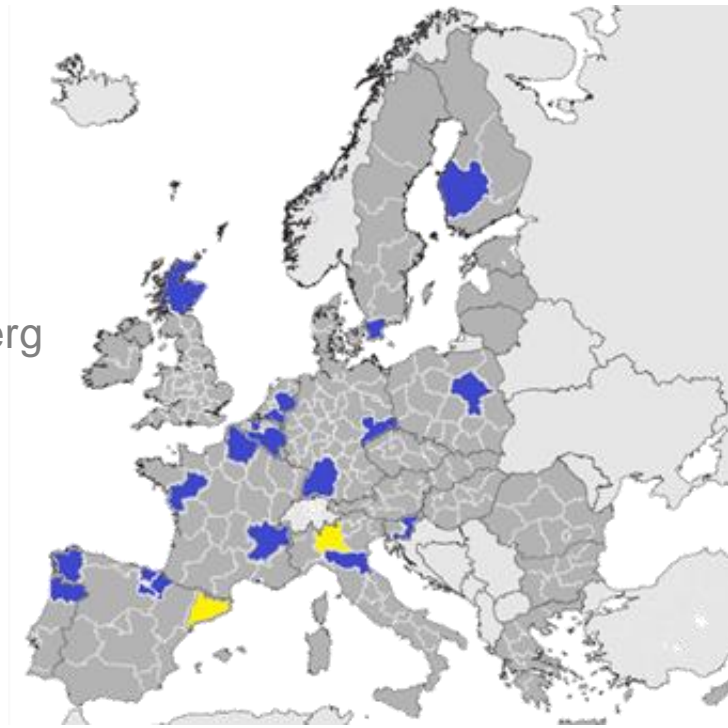
NEW GROWTH THROUGH SMART SPECIALISATION

# EFFICIENT AND SUSTAINABLE MANUFACTURING

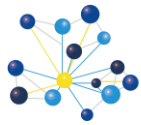
Lombardy  
Catalonia

Saxony  
Basque Country  
Norte  
Tampere  
Flanders  
Emilia Romagna  
South Netherlands  
Scotland

Wallonia  
Auvergne RA  
Slovenia  
Baden-Württemberg  
Navarra  
East Netherlands  
Pays de la Loire  
Galicia  
Ranstad  
South Denmark  
Trentino



- **5 demo-cases** mobilising more than **300 stakeholders** in **21 EU Regions**
- More than **10M€ funding raised** for complementary activities through H2020 and Interreg
- More than **50 private co-funding letters of intents**
- One demo-case **already discussing with EIB**
- ESM in the **S3 Industrial Modernisation Platform** and **ESCP** submitted
- **S3P services** have been exploited to reinforce the partnership ( *Watify – Reconfirm – PwC study – DG Regio pilot action* )



# ESM FOCUS AND PROGRESSES



**De- & Re-  
Manufacturing**

**Smart and  
Adaptive  
Assembly &  
Manufacturing**

**Advanced and  
sustainable  
materials and  
coating**

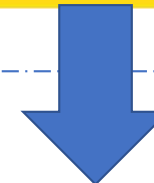
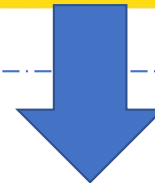
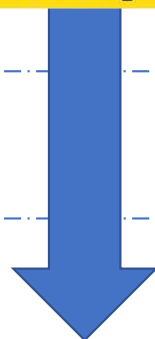
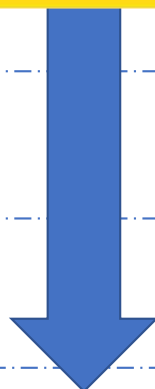
**Energy and  
Environmentally-  
efficient  
Manufacturing**

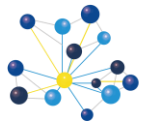
**Digital and  
Virtual Factory**

**1. Concept note**

**2. Business planning**

**3. Pilot funding and  
implementation**





## PARTENERSHIP NEEDS

- Structured inclusive **cooperation methods** facilitated by Clusters
- Higher **alignment between political and technical stakeholders**
- **Transparency, communication and awareness** of political processes and framework
- Ability to address a **portfolio of short, medium and long-term opportunities**
- Alignment and improvement of **funding schemes for innovation infrastructure** entailing set-up, operations and uptake phases in an interconnected logic

### Support from the pilot actions launched by DG REGIO

- Definition of **IPR exploitation** and related documentation.
- Definition of **service delivery contracts** and description of legal obligations towards users.
- Support for the design of **sustainable public-private business models** for the network of pilot plants”.
- Definition of **funding instruments** for supporting further infrastructure upscales (Layer 1) (e.g. mix of regional, national and EU subsidies and/or loans).
- Definition of feasible financial routes and channels to facilitate the **industrial exploitation** of the results demonstrated by the network (Layer 3).