



# European Partnerships for Industry

**BF Sustainable Manufacturing Finland  
EU kick-off**

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# Content

- Policy background
- Candidates for Public Private Partnerships (PPPs)
- Manufacturing PPP 'Made In Europe'
- Other collaboration models for manufacturing
- How to participate
- VTT approach

## Commissions political priorities

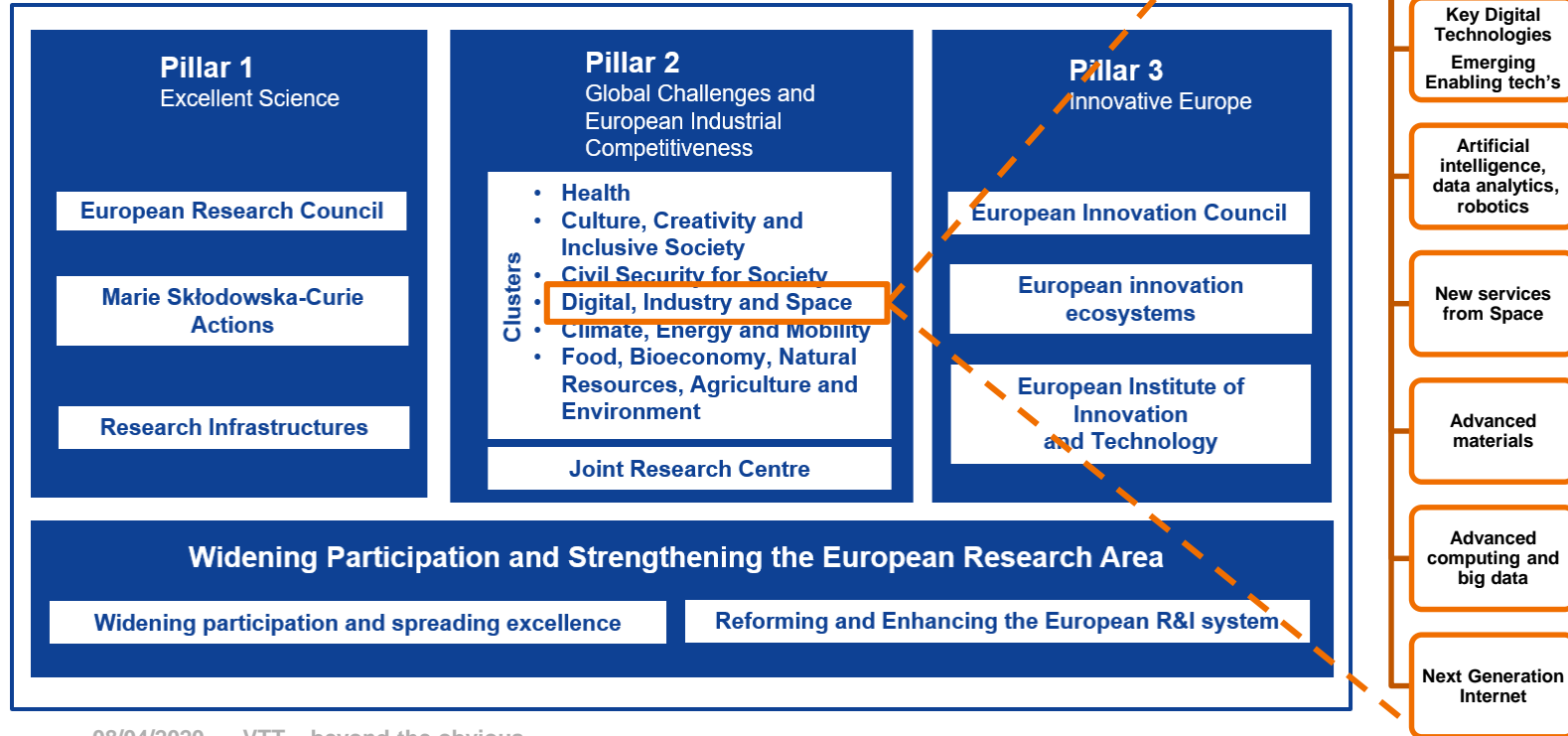
- **A European Green Deal**
- **An economy that works for people**
- **A Europe fit for the digital age**
- Protecting our European way of life
- A stronger Europe in the world
- A new push for European democracy

will be implemented through EU Programmes and Funds such as:

**Horizon Europe Programme, Digital Europe Programme, European Space Programme, European Defence Funds and Structural Funds**

**Public-Private partnership to align the efforts and bring added value**

# Horizon Europe Programme Digital, Industry and Space cluster



# Candidates for European Partnerships

to deliver on global challenges and industrial modernisation through concerted research and innovation efforts

## HEALTH

**EU-Africa Global Health**  
 Innovative Health Initiative  
 Chemicals Risk Assessment  
 Fostering an ERA for Health research  
 Large-scale innovation and transformation of health systems in a digital and ageing society  
 Pre-clinical / clinical health research  
 Personalised Medicine  
 Rare Diseases  
 One Health - AMR

## DIGITAL, INDUSTRY AND SPACE

High Performance Computing  
 Key Digital Technologies  
 Smart Networks and Services  
 AI, data and robotics  
 Photonics Europe  
 Clean Steel - Low Carbon Steelmaking  
 European Metrology  
 Made in Europe  
 Carbon Neutral and Circular Industry  
 Global competitive space systems  
 European Geological service

## PILLAR III AND CROSS-PILLAR

EIT Climate KIC  
 EIT Health  
 EIT Manufacturing  
 EIT Food  
 EIT InnoEnergy  
 EIT Manufacturing  
 EIT Raw Materials  
 EIT Digital  
 EIT Urban Mobility  
 EIT - KIC Cultural and creative industries  
 Innovative SMEs  
 European Open Science Cloud (EOSC)

## CLIMATE, ENERGY AND MOBILITY

Transforming Europe's rail system  
 Integrated Air Traffic Management  
 Clean Aviation  
 Clean Hydrogen  
 Built environment and construction  
 Towards zero-emission road transport  
 Mobility and Safety for Automated Road Transport  
 Batteries  
 Clean Energy Transition  
 Driving Urban Transitions  
 Smart and zero-emission waterborne transport

## FOOD, BIOECONOMY, NATURAL RESOURCES, AGRICULTURE AND ENVIRONMENT

Accelerating farming systems transition  
 Animal health: Fighting infectious diseases  
 Environmental Observations for a sustainable EU agriculture  
 Rescuing biodiversity to safeguard life on Earth  
 A climate neutral, sustainable and productive Blue Economy  
 Safe and Sustainable Food System for People, Planet & Climate  
 Circular bio-based Europe  
 Water4All: Water security for the planet



# Candidates for Partnerships: most relevant for industry

## DIGITAL, INDUSTRY AND SPACE CLUSTER

High Performance Computing

Key Digital Technologies

Smart Networks and Services

AI, data and robotics

Photonics Europe

Clean Steel - Low Carbon Steelmaking

European Metrology

Made in Europe

Carbon Neutral and Circular Industry

Global competitive space systems

# Made In Europe PPP

**A New Industrial Strategy  
for Europe:**

*European Leadership &  
manufacturing excellence*

**European Green Deal:**

*Circular and climate-  
neutral manufacturing*

Made In  
Europe

**Europe fit for the digital  
age:**

*Digital transformation of  
manufacturing industry*

**Economy that works for  
people:**

*Attractive value-added  
manufacturing jobs*

Other collaboration models exist, e.g.

## Digital Innovation Hubs

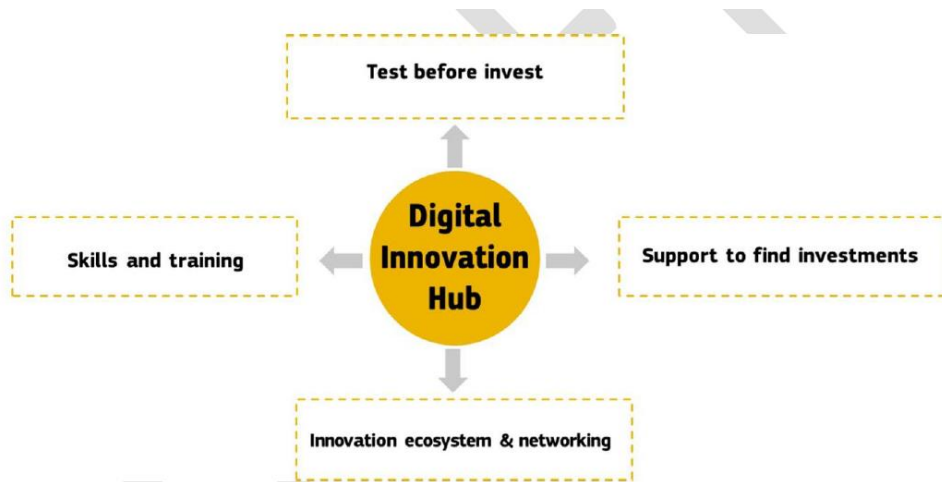
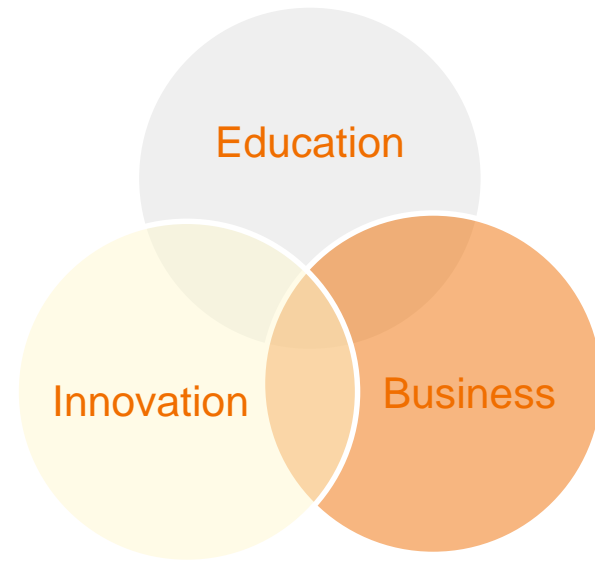


Figure 3. Main functions of European Digital Innovation Hubs

## EIT KIC Manufacturing





# Why to participate?

- **Continuous renewal: be a forerunner in your sector**
- **A way for starting internationalisation**
- **Access to**
  - emerging **technologies**
  - new domestic and international **partners**
  - international **customers**
- **Support for risk-sharing**
  - **High funding rate: 70-100% of eligible costs**
  - Opportunity to **develop own processes and technologies**
  - Solving industry competitiveness problems jointly within EU
  - Creating **new business opportunities, standards, ...**

Fernando Ubis, Visual Components  
(currently in four H2020 projects):

*“Access to networks”*

*”Extend the scope of our R&D”*

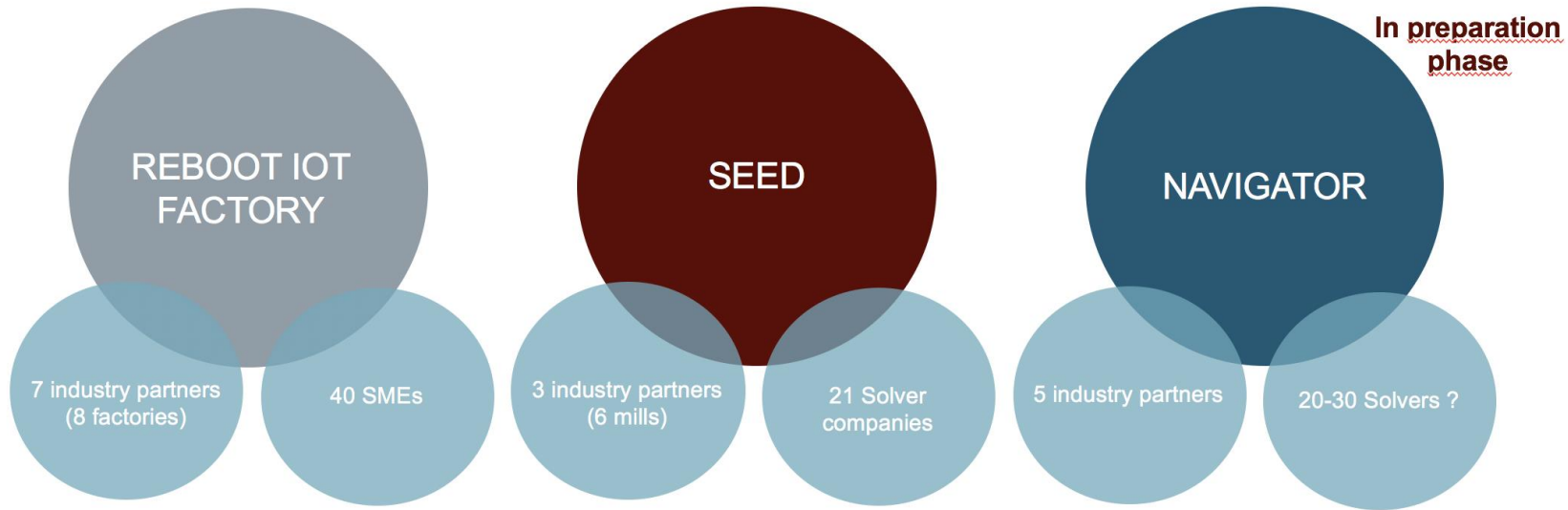
*“Get in contact with top experts,  
explore and develop technologies and  
test new applications”*

*“Funding accelerates R&D and  
hiring new employees”*

*“Focus on developing solutions that will  
be transferred to market after the  
project”*

*“Keep always in mind Exploitation”*

# BF supported Ecosystems for industry: connect to Europe!



**15 key industrial partners and 80+ active solver companies**  
**And the number is growing**

# VTT approach

## Partnerships

- Priority setting: vision, road-maps, call texts
- Build networks and winning consortia

## Application phase

- Co-create with industrial & research partners
- Tactic eye and expertise in content
- Commitment to the proposal work, writing skills
- Experience and manpower

## Project work and coordination capacity

**TOP 4**  
In European  
Research  
ranking \*)

**TOP 1**  
VTT is the  
single largest  
EU funding  
recipient in  
Finland

2017, VTT  
partnered with  
**131 Finnish  
companies**  
(59 SMEs) in  
EU projects

# bey<sup>0</sup>nd

the obvious