



# Digitising European industry

## *EARTO High Level Debate at European Week of Regions and Cities*

12 October 2017, Brussels

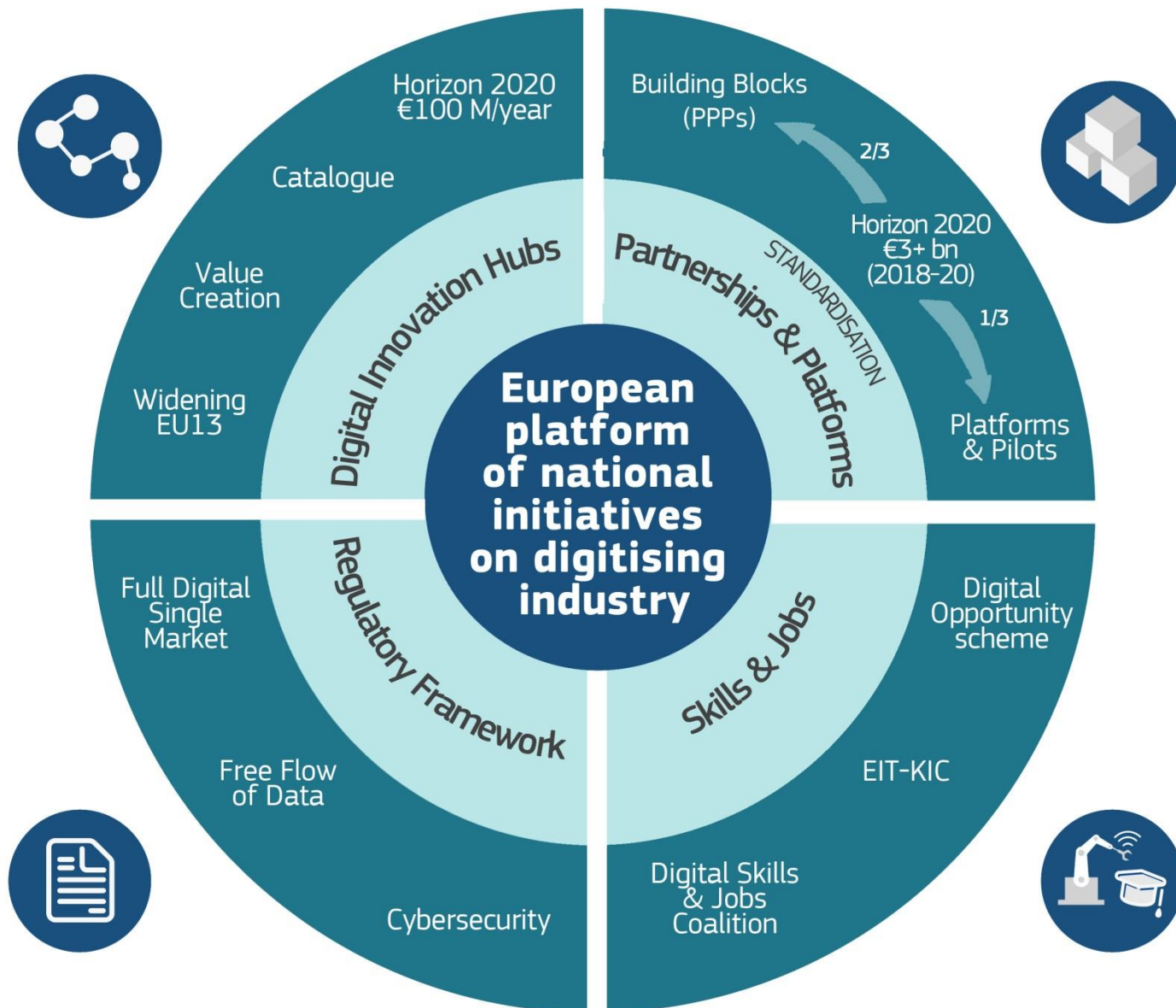
Dr. Max Lemke, Head of Unit

Technologies & Systems for Digitising Industry, DG CONNECT/A2, European Commission



#DigitiseEU

# Digitising European Industry: Europe is delivering

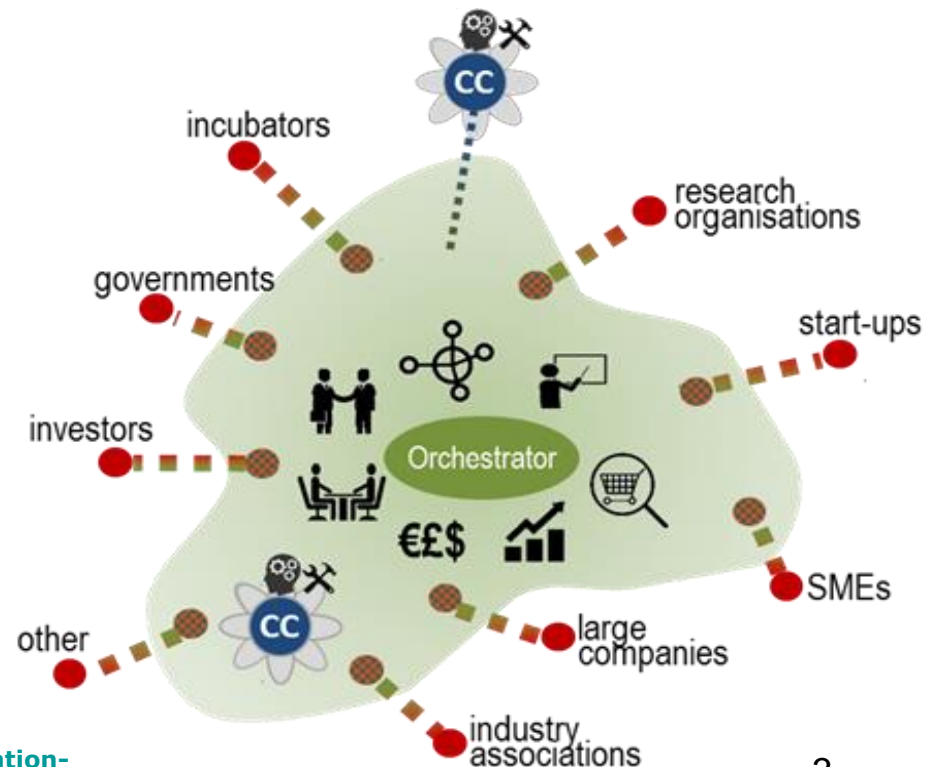


# What is a Digital Innovation Hub?

## Europe's RTOs have a key role!



- Helps **existing industry** to take advantage of digital innovations
- **Competence Centres** are at the **core of DIHs, ecosystem approach**
- Provides opportunities for both **ICT users** and **ICT suppliers** through brokering





**"Ensure that every business in Europe, whatever its sector of activity, wherever located and whatever its size, can take full advantage of digital innovations and competences"**

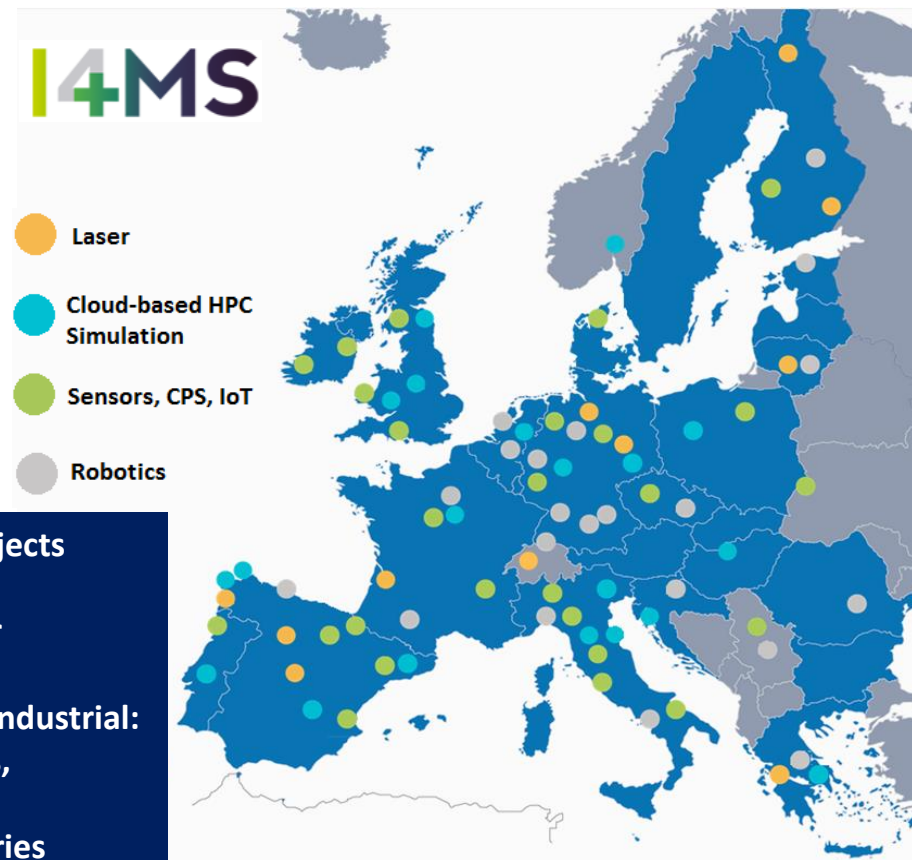
## **Member States & regions:**

Build-up/strengthening of national and regional structures of DIHs (national, regional, ESIF)

## **Commission H2020 (100M€/yr):**

- Networking and support activities
- Innovative Cross-border experiments

EU-supported DIH schemes  
– example:



- ❑ 140M€ of EU funding - 15 large projects
- ❑ 125 DIHs/competence centres
- ❑ 450 experiments: 80% cross-border dimension
- ❑ 560 contractors. Out of which 406 industrial: 84% SMEs and mid-caps, 50% users, 65% new in EU R&I Programmes
- ❑ 29 Member States and Ass. Countries

## Collaboration between CNECT, REGIO, GROW, JRC

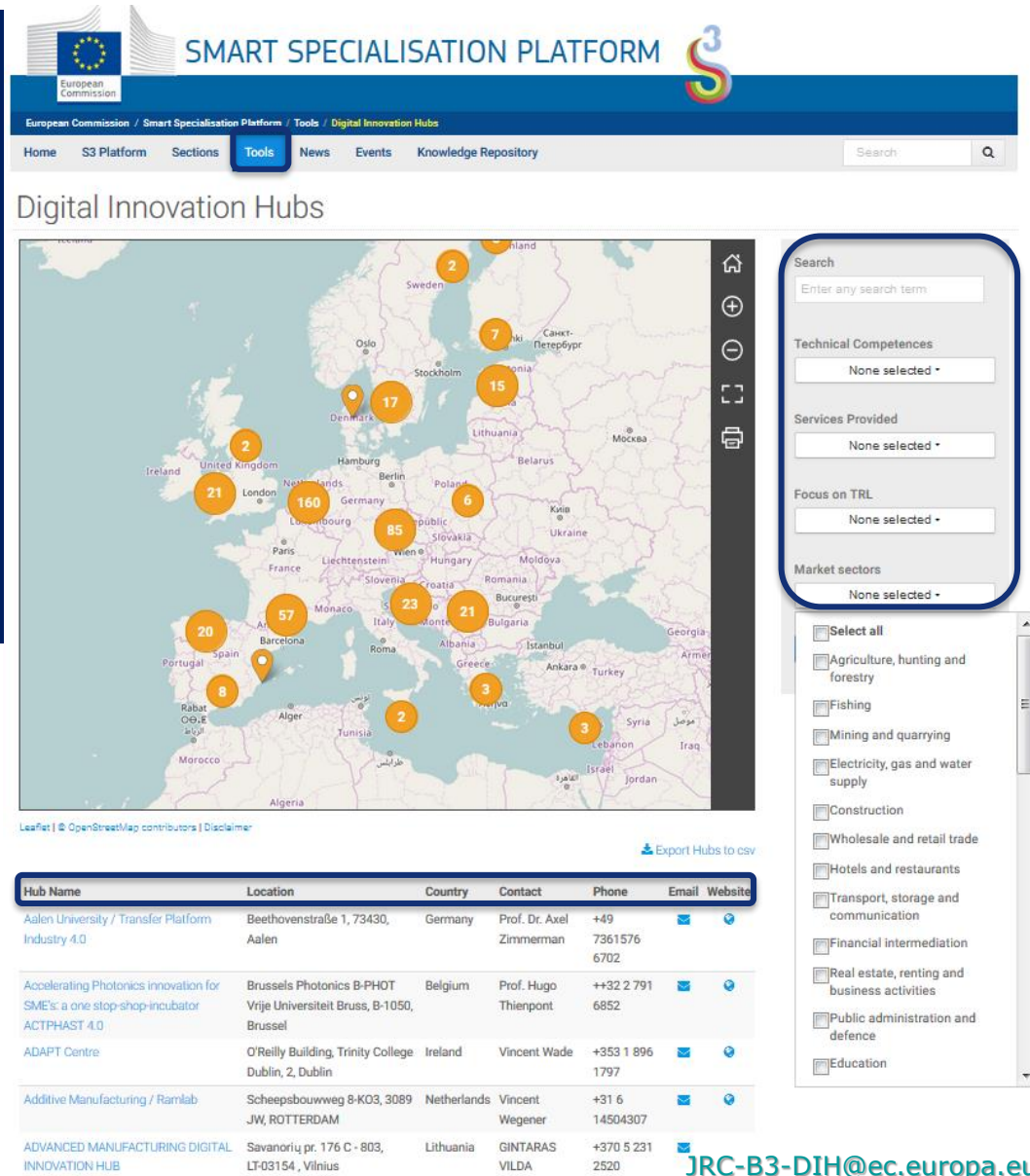
### First version available:

- Fact-sheets with profile, contact data, service examples for regional, national, and EU-supported DIHs
- Map-based search tool by technical competences, market sector, services

<http://s3platform.jrc.ec.europa.eu/digital-innovation-hubs-tool>

### Work in progress – next steps:

- **For policy makers:** Link with other S3 tools such as "Eye@Ris3" regional data on smart specialisation and EIP (ICT Poles of Excellence) data
- **For DIHs and SMEs/mid caps:** Analysis tools supporting collaboration of DIHs



European Commission / Smart Specialisation Platform / Tools / Digital Innovation Hubs

Home S3 Platform Sections Tools News Events Knowledge Repository

### Digital Innovation Hubs

Search: Enter any search term

Technical Competences: None selected

Services Provided: None selected

Focus on TRL: None selected

Market sectors: None selected

Select all

- ☐ Agriculture, hunting and forestry
- ☐ Fishing
- ☐ Mining and quarrying
- ☐ Electricity, gas and water supply
- ☐ Construction
- ☐ Wholesale and retail trade
- ☐ Hotels and restaurants
- ☐ Transport, storage and communication
- ☐ Financial intermediation
- ☐ Real estate, renting and business activities
- ☐ Public administration and defence
- ☐ Education

Hub Name	Location	Country	Contact	Phone	Email	Website
Aalen University / Transfer Platform Industry 4.0	Beethovenstraße 1, 73430, Aalen	Germany	Prof. Dr. Axel Zimmerman	+49 7361 576 6702	<a href="mailto:axel.zimmerman@aal.de">axel.zimmerman@aal.de</a>	<a href="http://www.aal.de">www.aal.de</a>
Accelerating Photonics innovation for SMEs: a one-stop-shop-incubator ACTPHAST 4.0	Brussels Photonics B-PHOT Vrije Universiteit Brussel, B-1050, Brussel	Belgium	Prof. Hugo Thienpont	+32 2 791 6852	<a href="mailto:hugo.thienpont@vub.be">hugo.thienpont@vub.be</a>	<a href="http://www.actphast.be">www.actphast.be</a>
ADAPT Centre	O'Reilly Building, Trinity College Dublin, 2, Dublin	Ireland	Vincent Wade	+353 1 896 1797	<a href="mailto:vincent.wade@tcd.ie">vincent.wade@tcd.ie</a>	<a href="http://www.adaptcentre.ie">www.adaptcentre.ie</a>
Additive Manufacturing / Ramlab	Scheepsbouwweg 8-K03, 3089 JW, ROTTERDAM	Netherlands	Vincent Wegener	+31 6 14504307	<a href="mailto:vincent.wegener@ramlab.nl">vincent.wegener@ramlab.nl</a>	<a href="http://www.ramlab.nl">www.ramlab.nl</a>
ADVANCED MANUFACTURING DIGITAL INNOVATION HUB	Savanorių pr. 176 C - 803, LT-03154, Vilnius	Lithuania	GINTARAS VILDA	+370 5 231 2520	<a href="mailto:gintas.vilda@vilniai.lt">gintas.vilda@vilniai.lt</a>	<a href="http://www.vilniai.lt">www.vilniai.lt</a>

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Export Hubs to csv

JRC-B3-DIH@ec.europa.eu

# European Network of DIHs- filling the white spots

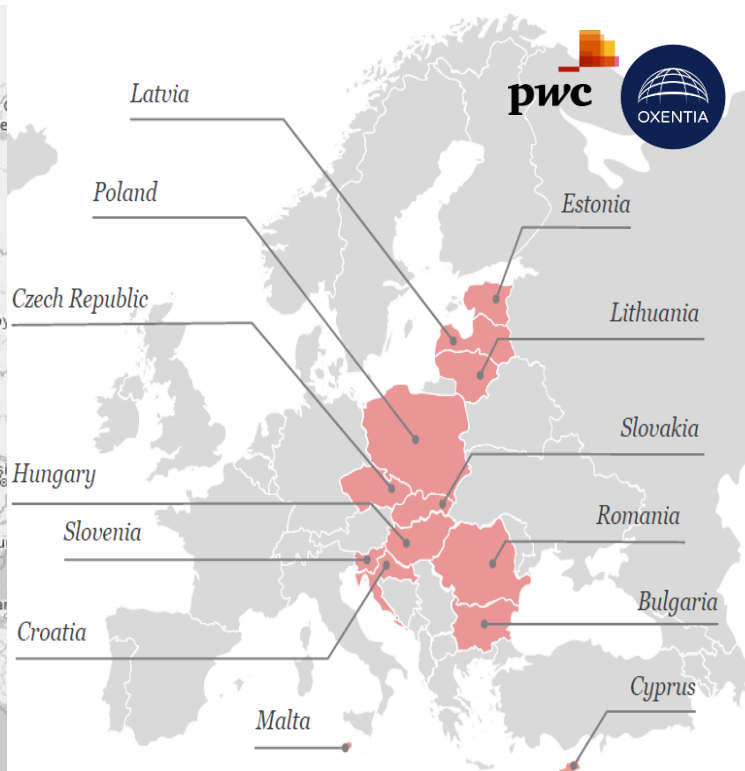
## Finished



- 29 DIHs coached so far – 14 EU countries
- 1.45M€ (up to 50k per participant) in I4MS for most promising regional competence centres for developing their case for becoming a DIH
- Coordination: I4MS Growth and XS2I4MS
- 18 coached hubs participated in the latest I4MS call, 8 successfully

<http://dih.i4ms.eu/>

## Ongoing



- Smart Factories in **Central and Eastern Europe (EU13)**
- **1.8M€** from the **European Parliament** to support the implementation of DIHs in the **selected countries and regions** where the divergence in uptake and adoption of digital technologies has been so far limited
- Call open **until 22 October** – <https://ec.europa.eu/eusurvey/runner/ApplicationForm>
- Final selection of **30 DIHs** by **early December**
- Coordination: **PwC** and **Oxford University Innovation**

<https://ec.europa.eu/futurium/en/implementing-digitising-european-industry-actions/digital-innovation-hubs-smart-factories-new-eu>

## Future actions



EN

DRAFT

Horizon 2020

Work Programme 2018 - 2020

5.i. Information and Communication Technologies

**± 8M€** for widening the SAE and I4MS networks towards industrial regions which are so far underrepresented (WP18-20)

Tentative  
opening call date:  
**16 Oct. 2018**  
deadline:  
**2 April 2019**

- The digital transformation is not finished in 2020 – investments need to be reinforced in the next MFF
- SMEs and mid-caps: simpler access to investments for their digital transformation
- Strategic and simpler pooling of investments
  - across regional, national and EU level
  - across structural, research and innovation, and investment funds
- Better address digital skills of the future work force
- Sustainability and EU-wide coverage of DIH infrastructure

Digitising European Industry Working Groups on Digital Innovation Hubs (1) and on Digital Industrial Platforms (2):

<https://ec.europa.eu/futurium/en/dei-implementation/library>

Catalogue of Digital Innovation Hubs

<http://s3platform.jrc.ec.europa.eu/digital-innovation-hubs-tool>

Mentoring project for Digital Innovation Hubs

<https://ec.europa.eu/digital-single-market/en/news/call-digital-innovation-hubs-eu13-member-states>: Open until 22 October

I4MS brochure of success stories

[I4ms.eu](http://I4ms.eu)