

### **Digitising European Industry**

# Strengthening competitiveness in digital technologies value chains and platforms



**European Commission DG RTD and DG CONNECT** 





## Workshop May 4 Agenda

- 09:30 10:00 Registration, coffee
- 10:00 10:15 Welcome Plenary: objectives, setting
- 10:15 11:00 Survey results; WP2018-20; example IDS; discussion
- 11:00 11:15 Split into parallel sessions
- 11:15 12:30 Parallel sessions:
  - Connected Smart Factory
  - Digital transformation of health and care
  - Smart agriculture
  - Industrial Data Platforms
  - Internet of Things
- 12:30 13:30 Lunch break
- 13:30 14:30 Parallel sessions (continuation)
- 14:30 15:00 Coffee break
- 15:00 16:00 Closing plenary: reporting from groups, discussion, next steps, and closure



## **WG2**Overall objectives

- Key objectives
  - Future global standards & platforms driven by interests of EU actors
  - EU actors join forces along common interests

EU investments of 300 M€ in 2018-20



### WG2 Topics pan-European platform-building and piloting



#### **DIGITAL MANUFACTURING PLATFORMS**

- Agile Value **Networks: Lot-size** One
- Zero-defect **Processes and Products**
- Machines & Human **Competences**
- Sustainable Value **Networks**

**PLUG & PRODUCE EQUIPMENT PLATFORM** 



#### **AGRICULTURAL DIGITAL INTEGRATION PLATFORMS**

- Optimize farm operations
- High-precision farming

**DIGITAL SERVICE PLATFORMS FOR RURAL ECONOMIES** 



#### SMART HOSPITAL OF THE FUTURE

SMART AND **HEALTHY LIVING** AT HOME

- Healthy & independent living
- Early risk detection and intervention

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**INTERNET OF** THINGS FOR **ENERGY: INTEROPERABLE AND SMART HOMES** AND GRIDS

**BIG DATA SOLUTIONS FOR ENERGY** 



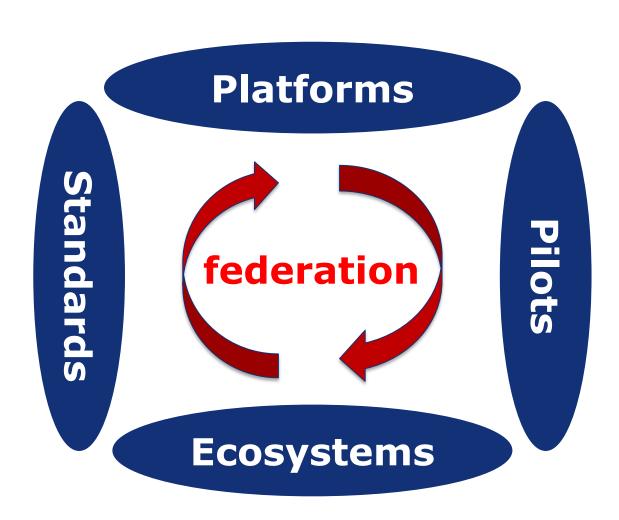
**5G FOR CONNECTED AND AUTOMATED DRIVING** 

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Cross-cutting platforms, IoT, Big Data, Security...



# **WG2**Type of actions





# WG2 Pooling EU, national, regional, and industrial investments

### Regional Investments

Best practice Experimentation in zzz lab Close-to-reality experimentation in xxx model factory

Member States Investments

Large scale experimentation in yyy lab

Development and integration of platforms, interoperability frameworks, ...

Investments
FoF/SPIRE/
ECSEL / ...

SME testing facility at zyx digital innovation hub

Best practice Experimentation in xyz lab

Industrial Investments

Real production
OEM x with
supply chain



## **Workshop May 4**Objectives

- To define recommendations for the Roundtable
  - National authorities, national initiatives, PPPs
- Concluding work WG2