

# **Industry 4.0 Workshop**

- Factories of the Future -



### inno*mine*

Innovation consultancy

Digital transformation Industry 4.0 consultancy

Innovation funding

Corporate innovation management

We are transatlantic innovation advisors. From Silicon Valley to Europe - we got you covered.

Track record of over a decade to \*OpenA> work with EU funds (focusing on structural funds: 50+ innovation and industrial innovation projects) and experienced with H2020 / Brussels funds; extensive partner network especially in CEE region (e.g. ICT Associations & Clusters, Chambers)





Based in Hungary and Silicon Valley, working in Brussels and many EU countries, main clients: multinationals. industrial players, startup / scale-ups, DIGITALEUROPE research centres, NGOs, etc.



### **Specific related topics / domains:**

- Industrial Automation Industry 4.0
  - Internet of Things (IoT)
    - Cybersecurity
      - Big Data



## H2020 – Industry 4.0 projects

**Previous** 

I4MS initiative (ICT Innovation for Manufacturing SMEs) Phase 1 (July 2013) & Phase 2 (autumn 2015) to support SMEs and mid-caps in the manufacturing sector

**Ongoing** 

Horizon 2020 FOF-12-2017: ICT Innovation for Manufacturing SMEs (Phase 3 of I4MS) – CloudiFacturing (consortia leader: Fraunhofer)

**Forthcoming** 

H2020 – 2018-2020 Work Programme calls – Digitising and transforming European industry and services (e.g. Phase 4 of I4MS, Robotics, Digital Manufacturing Platforms for Connected Smart Factories, etc.)

# CloudiFacturing - Mission

### The mission of **Cloudi***Facturing* is to optimize

- · production processes and
- productibility

#### using

- Cloud/HPC-based modelling and
- simulation

### leveraging

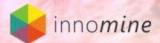
- online factory data and
- advanced data analytics

### thus contributing to the

- competitiveness and
- resource efficiency

#### of manufacturing SMEs, ultimately fostering the vision of

- Factories 4.0 and
- the circular economy.



# CloudiFacturing - Ambition

4 layers of ambition

Cross-border application experiments involving manufacturing SMEs and mid-caps

Digital Innovation Hubs

Digital Marketplace Business modelling and creation Advanced business support

Advanced security solutions

Data and visual analytics

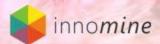
Real-time support

Manufacturing engineering

Advanced technology support

cloudSME CloudFlow

Integrated Cloud/HPC platform



### inno**mine** as a Digital Innovation Hub



Having strong network in CEE



Rooted in / linked to national 'digitization of industry' initiatives



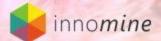
Fostering, driving and coordinating Industry 4.0 Application Experiments



Maintain, expand and create the (regional) ecosystem on ICT Innovation for Manfucturing SMEs (I4MS) relatead activities, including networking, matchmaking, brokerage and dissemination activities



Offering innovation services to activate, support and stimulate the valorisation of I4MS technologies (e.g. awareness creation, dissemination of information, network development) by SMEs



### Potential partnerships

#### Partners for next wave Industry 4.0 Application Experiments

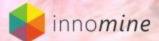
- ISVs
- Cloud / Technology providers
- HPC Centres
- Manufacturing SMEs

### **Competence Centres**

Drivers of regional / national industry-related, innovation initatives

#### Partners for H2020 and other projects

- Industry experts
- Research centres
- Startups, innovative SMEs



### Contact

### Thank you for your attention!



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