



# INNO PROVEMENT

Interreg Europe

Translating Industry 4.0 to improved SME  
policy instruments targeting innovation





## ABOUT INNO PROVEMENT

INNO PROVEMENT aims at improving SME policy instruments targeting innovation activities and adapting them to requirements set by Industry 4.0.

Industry 4.0 affects innovation activities of companies throughout Europe to a dynamically increasing extent.

Failing to turn production or service provision adapted to I4.0 results in losing clients and markets. In INNO PROVEMENT project partners assist SMEs primarily so that they can better address the challenges this new paradigm imposes to increase their competitiveness.



## 7 REGIONS & 7 THEMATIC ISSUES TARGETED



**The Effectiveness of Public Money Used to Support Industrial Research and Development under the I4.0**  
Ministry of Industry and Trade, Czech Republic



**Introducing I4.0 to traditional industries**  
Regional Council of Kainuu, Finland



**Innovation in software development**  
Region of Thessaly, Greece



**Definition of I4.0 public policy initiatives**  
Management Authority COMPETE 2020, Portugal



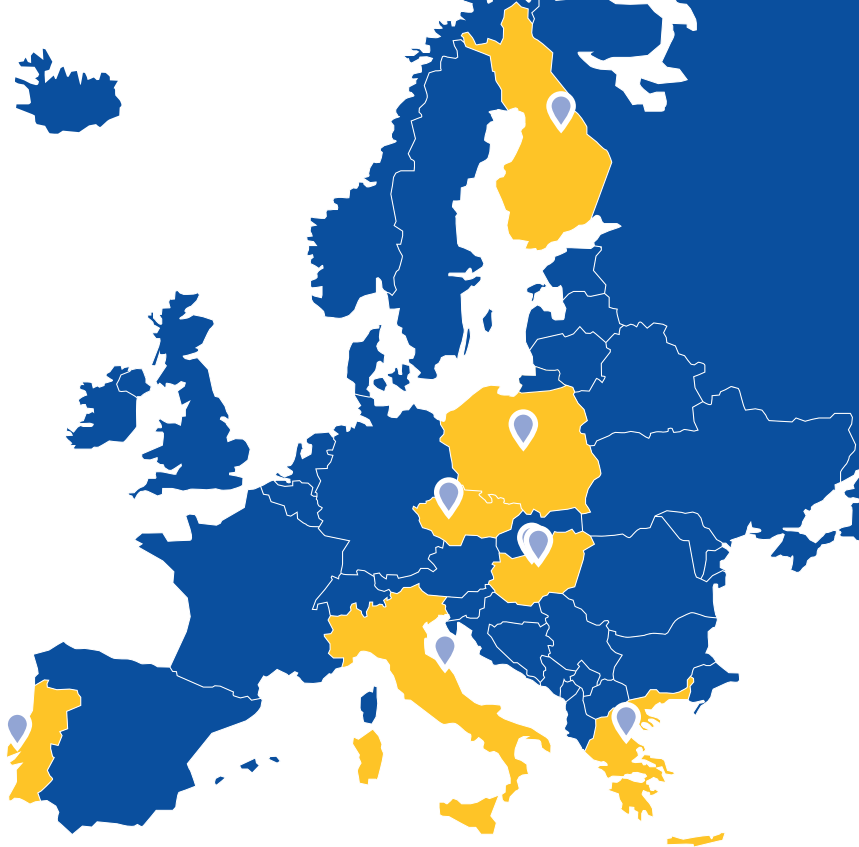
**Definition of an I4.0 maturity evaluation matrix**  
Lodzkie Region, Poland



**Market price assessment (call design, project selection, contracting, monitoring, financial settlement)**  
Ministry of Finance, Hungary



**Adjusting calls to Industry 4.0 requirements**  
Marche Region, Italy



## KNOWLEDGE EXCHANGE CATALOGUE

The Knowledge Exchange Catalogue summarises results of the joint work project partners have reached during the first phase of the project.

The Catalogue introduces the 7 thematic issues of INNO PROVEMENT, it includes key findings with regard to these thematic issues and it presents the good practices project partners have offered to each other for inspiration.

The Knowledge Exchange Catalogue is available in digital format in the Library section of the INNO PROVEMENT homepage.



# REGIONAL ACTION PLAN - HUNGARY

## Actions to implement:

- Monitoring methodology for Industry 4.0 progress of SMEs
- Finetuning the I4.0 evaluation criteria used in SME calls
- Upgrade of Night of Industry 4.0 (through pilot action)

## Inspiration from project partners' good practices:

- SEV Digital Maturity Index – Region of Thessaly
- Shift to 4.0 – diagnostic tool – COMPETE 2020
- ApuaDigiin webservice – Regional Council of Kainuu
- A self-assessment tool for measuring the digital maturity of a company – Lodzkie Region
- Support Programme Technology 4.0 – Ministry of Industry and Trade
- Manufacturing and Work 4.0 call – Marche Region
- I4.0 Referentials – COMPETE 2020

**SZÉCHENYI** 2020



MINISTRY OF FINANCE



# REGIONAL ACTION PLAN - CZECH REPUBLIC

## Actions to implement:

- Digital transformation of SMEs (based on maturity assessment methodology)
- Testbeds and Digital Innovation Hubs

## Inspiration from project partners' good practices:

- Industry 4.0 initiatives – Ministry of Finance
- The Hungarian maturity assessment matrix – Ministry of Finance
- National Industry 4.0 policy – COMPETE 2020, Lodzkie Region and Region of Thessaly
- 'Innovation in SME' sub-measure – Lodzkie Region
- Manufacturing and Work 4.0 call – Marche Region
- RIS3 Thessaly management unit – Region of Thessaly
- Startup Spark 2.0 S5 – Lodzkie Region



MINISTRY OF INDUSTRY AND TRADE  
OF THE CZECH REPUBLIC



# REGIONAL ACTION PLAN - GREECE

## Actions to implement:

- Region of Thessaly Innovation Centre
- Innovation vouchers for SMEs of the Region of Thessaly

## Inspiration from project partners' good practices:

- Impresa 4.0 Observatory – Marche Region
- Fostering the promotion and development of Digital Innovation Hubs in the regional territory – Marche Region
- Support programme Innovation vouchers (Operational Program of Entrepreneurship and Innovation) – Ministry of Industry and Trade



## REGIONAL ACTION PLAN - ITALY

### Actions to implement:

- Marche Open Days Industry 4.0 – 1<sup>st</sup> edition
- Upgrade of Night of Industry 4.0 (through pilot action)

### Inspiration from project partners' good practices:

- Night of Industry 4.0 model factories – Ministry of Finance, Hungary and ICT Association Hungary

# REGIONAL ACTION PLAN - PORTUGAL

## Actions to implement:

- Industry 4.0 Referential and final innovation calls of COMPETE 2020
- Industry 4.0 Training – Multi-SME Shared Pilot Projects
- Night of Industry 4.0 (through pilot action)

## Inspiration from project partners' good practices:

- Night of Industry 4.0 – Ministry of Finance, Hungary and ICT Association Hungary
- Enterprise and Work 4.0 and Manufacturing and Work 4.0 call – Marche Region
- Technical School of Automation and Robotics in Łódź – Lodzkie Region
- The Istituti Tecnici Superiori (ITS) - Higher Technical Institutes – Marche Region



# REGIONAL ACTION PLAN - POLAND

## Actions to implement:

- Including Industry 4.0 in the main area of support at the level of 'Łódzkie Region Development Strategy 2030'
- Introduction of references to Industry 4.0 to the 'European Funds for Lodzkie 2021-2027'
- Night of Industry 4.0 (through pilot action)

## Inspiration from project partners' good practices:

- Law of the Marche Region No. 25/2018, 'Enterprise 4.0: Innovation, Research and Training' – Marche Region
- Digital Transformation of Greek Industry - Industry 4.0 – Region of Thessaly
- References to Industry 4.0 – COMPETE 2020
- Night of Industry 4.0 model factories – Ministry of Finance, Hungary and ICT Association Hungary



region  
lodzkie

# REGIONAL ACTION PLAN - FINLAND

## Actions to implement:

- Integration of Industry 4.0 for traditional SMEs into the Kainuu RIS3
  - » Activity 1: Integration of Industry 4.0 into the Kainuu RIS3 2021 – 2027
  - » Activity 2: Industry 4.0 path, uptake by SMEs
  - » Activity 3: Integration of the tailored approach (SME Industry 4.0 path) into policy instrument calls

## Inspiration from project partners' good practices:

- Industry 4.0 initiatives Hungary – Ministry of Finance
- Complex SME development path for the uptake of Industry 4.0 solutions – Ministry of Finance
- National Industry 4.0 policy Portugal – COMPETE 2020



**Regional Council of Kainuu**

## PILOT ACTION

The pilot action is dedicated to testing the specific measure 'Night of Industry 4.0 model factories' from Hungary in 4 partner regions including joint promotion, evaluation and follow-up activities for the generalisation of the pilot in project partners' addressed policy instruments.

### Partners:

- Ministry of Finance, Hungary
- Marche Region, Italy
- COMPETE 2020, Portugal
- Lodzkie Region, Poland

### Budget:

- € 107 690.5





## FOLLOW US



[www.interregeurope.eu/innoprovement](http://www.interregeurope.eu/innoprovement)



@Inno Provemnt



@inno\_provement



European Union  
European Regional  
Development Fund