

# AI REDGIO 5.0

## Regions and (E)DIHs alliance for AI-at-the-Edge adoption by European Industry 5.0 Manufacturing SMEs

### THE PROJECT

AI REDGIO 5.0 aims at renovating and extending I4MS and AI REGIO Horizon 2020 project results' and their alliance between Vanguard EU regions and Digital Innovation Hubs (DIHs) for a **competitive AI-at-the-Edge** Digital Transformation of **Industry 5.0** Manufacturing SMEs.

With the aim of coordinating already existing significant outcomes and the evolution of manufacturing toward Industry 5.0, of cloud AI technologies to AI-at-the-Edge, of Horizon2020 to Horizon Europe, AI REDGIO 5.0 **maintains the momentum of AI technology adoption in Manufacturing SMEs**. The pillars on which the project is built, lie in the outcomes of:



### OBJECTIVE

The overall **objective of AI REDGIO 5.0** project is to **enable competitive AI-at-the-Edge digital transformation** of Industry 5.0 Manufacturing SMEs.

### EXPERIMENTS

In order to show and exploit the benefits of **applying Artificial Intelligence in Manufacturing**, three types of experiments will be conducted:

- **TEchnology and REgulatory SAndboxes (TERESA)** experiments in the **Didactic Factories of 14 Regions**;
- **SME-driven experiments** in selected **7 Regions** by project's partners;
- **20 additional SMEs-driven experiments** as **outcome of the two waves of Open Calls**.

All of them are supervised and coordinated by a common methodology and by a shared framework for defining and measuring Key Performance Indicators.

### CONSORTIUM

