



AI REGIO

<https://www.airegio-project.eu/>

Regions and DIHs alliance for AI - driven digital transformation of European Manufacturing SMEs

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The AI REGIO H2020 Innovation Action

AI REGIO - Regions and DIHs alliance for AI-driven digital transformation of European Manufacturing SMEs

GRANT AGREEMENT: 952003 (Innovation Action)

START DATE: 1 OCTOBER 2020

DURATION: 36 MONTHS

TOTAL FUNDING: 8 Millions EUR

CONSORTIUM: 36 FULL BENEFICIARIES

COORDINATOR: Politecnico di Milano (Sergio Gusmeroli)



The AI REGIO four KEYWORDS

REGIO DIH AI SME



8

REGIONAL Authorities



VANGUARD INITIATIVE

NEW GROWTH THROUGH SMART SPECIALISATION

13

VANGUARD Regions and



4+20



The AI Data Robotics Association



17+3+18

DIH and SAI



REDGIO 5.0



36

FULL BENEFICIARIES from 11 countries

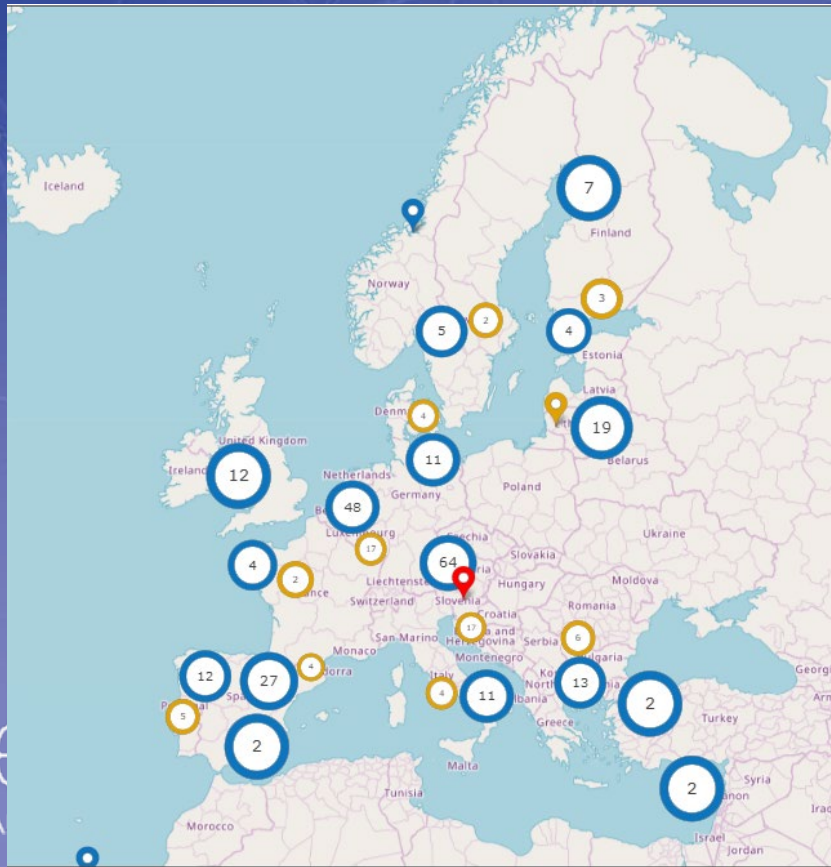
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WORK PACKAGES beyond State-of-the-art



AI for Manufacturing

DIHs (317, 116)



THE EUROPEAN DATA STRATEGY

CONNECTED
FACTORIES



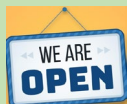
Smart
Autonomous
Factories



Product
Service
Factories



Hyper
Connected
Factories



Open Data
Repositories



Data & Model
Marketplaces



Trusted Data
Networks



AI REGIO



RE4DY
MANUFACTURING DATA NETWORKS

SM4RTENANCE



DIMOFAC



VIMMP
VIRTUAL MATERIALS
MARKETPLACE



Circular
TwAIIn



CIRPASS



AI REDGIO 5.0



CONNECT & PRODUCE



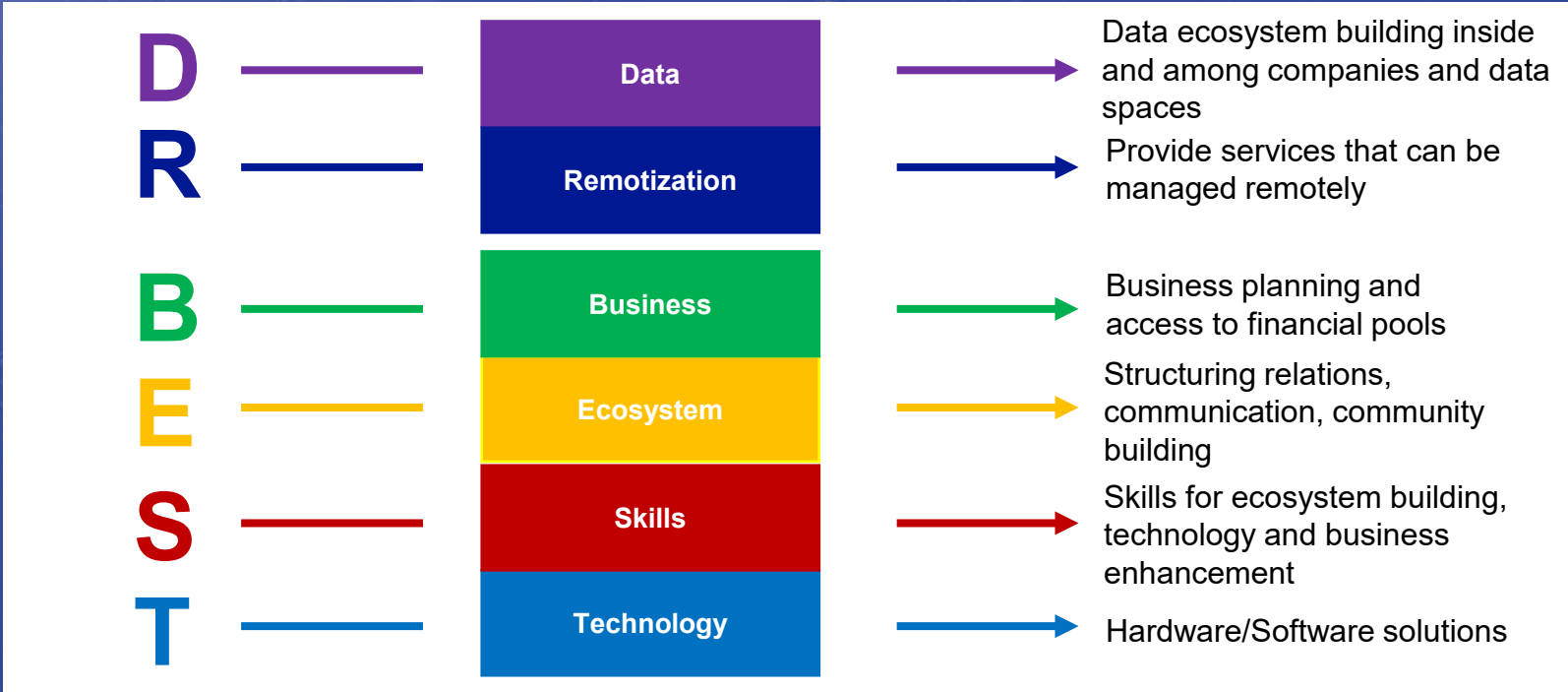
AI.SOV

Didactic Factory network - Overview

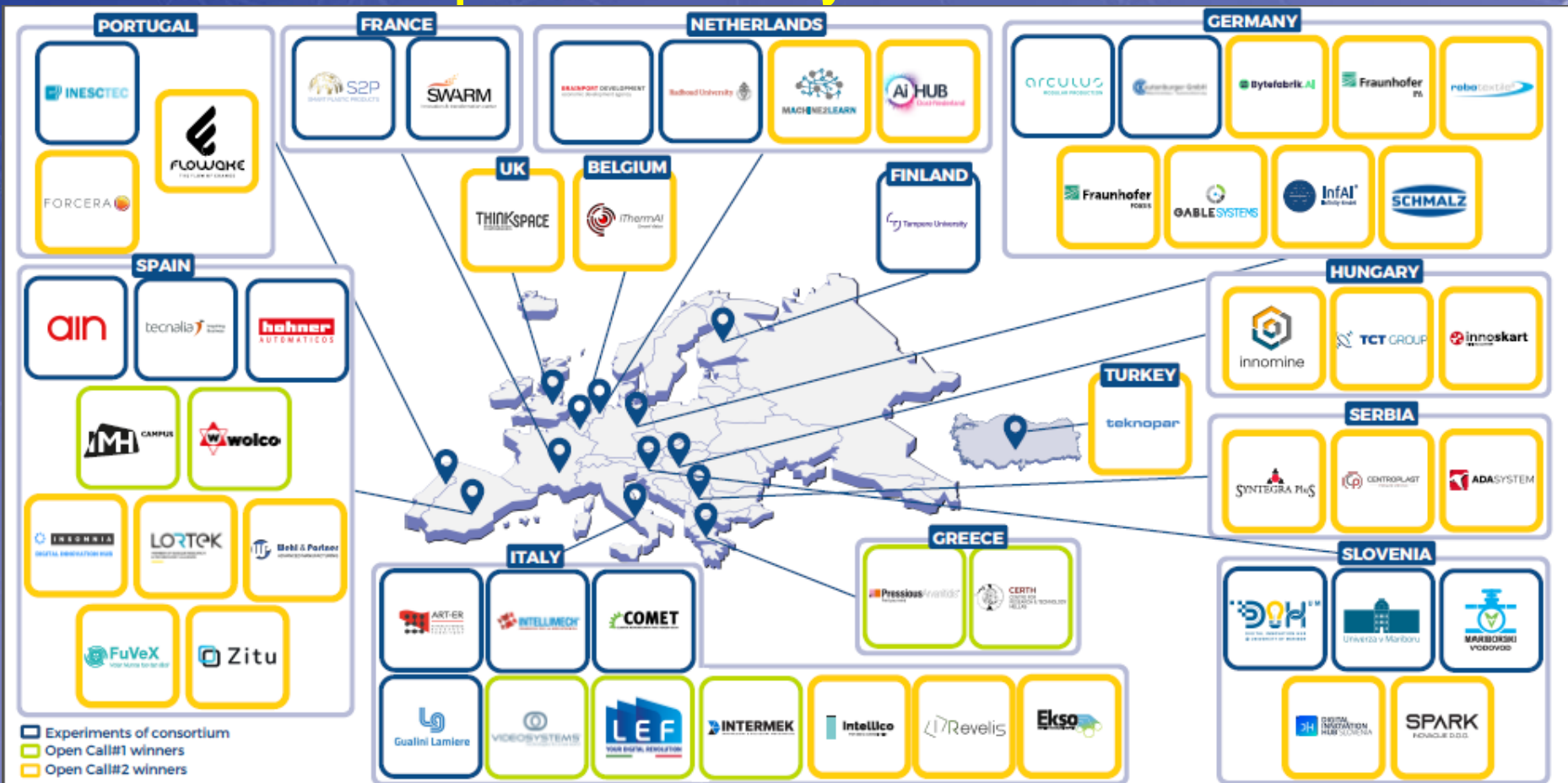


Didactic Factory Name	City	Country
Brainport Industries Campus	Eindhoven	The Netherlands
Cognitive Robotics Laboratory	Barcelona	Spain
Control2K	Bridgend	United Kingdom
DMIW	Bridgend	United Kingdom
Fraunhofer IOSB	Ettlingen	Germany
I4.0 LAB	Bilbao	Spain
Industry and Innovation Lab	Porto	Portugal
Lean Experience Factory	San Vito al Tagliamento	Italy
LIAM Lab	Bologna	Italy
MADE	Copenhagen	Denmark
MADE Competence Centre	Milan	Italy
MUSP Lab	Piacenza	Italy
PBN	Szombathely	Hungary
POLIMILab	Milan	Italy
Radboud Industrial Sustainability	Nijmegen	The Netherlands
Smart Lab	Bergamo	Italy
SMILE	Bergamo	Italy
SUPSI	Manno	Switzerland
Swiss Smart Factory	Biel/Bienne	Switzerland
Tampere Robotics Didactic Factory	Tampere	Finland

SERVICE PORTFOLIO for (E)DIH in Man



The AI REGIO Experiments ecosystem



The 6Ps DT model at a glance



TECHNICAL
PILLARS

PRODUCTS



Digital Smart Products and
Services

PROCESS



Digital Factories and
Production Processes

PLATFORM



Digital Manufacturing
Platforms



SOCIO-BUSINESS
PILLARS

PEOPLE



Digital Skills and
Professions

PARTNERSHIP



Digital Ecosystems and
Innovation Hubs

PERFORMANCE



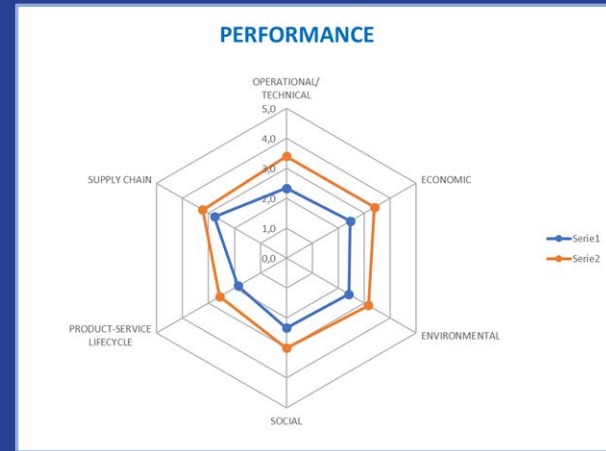
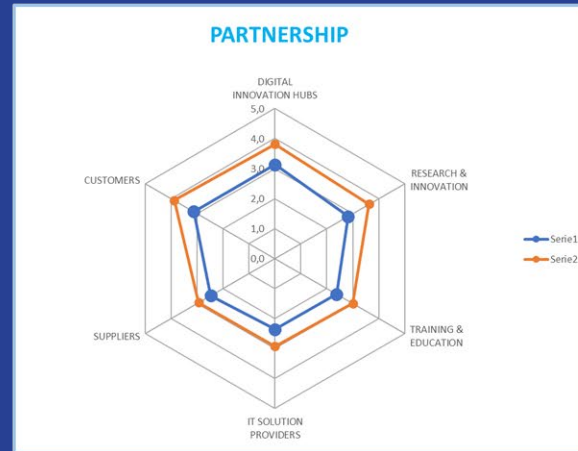
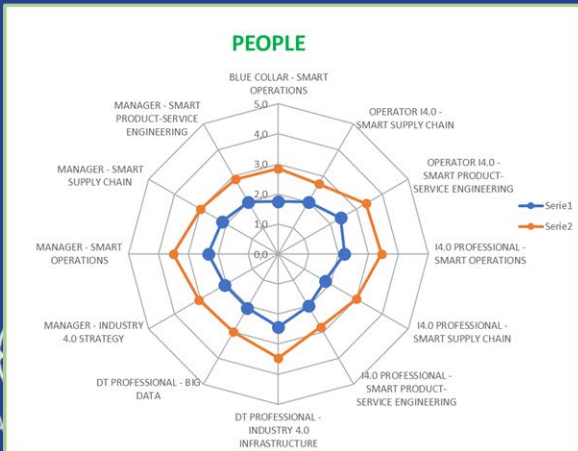
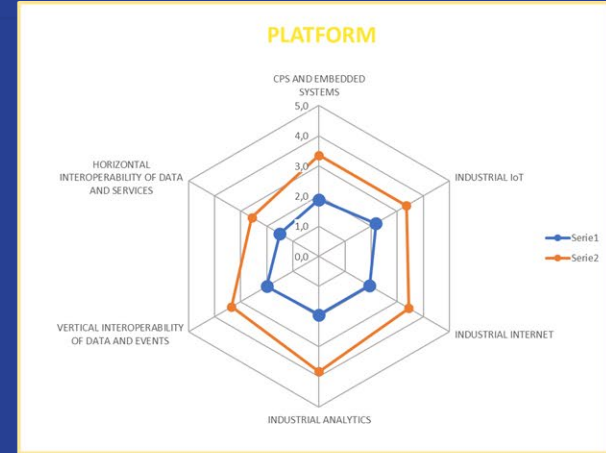
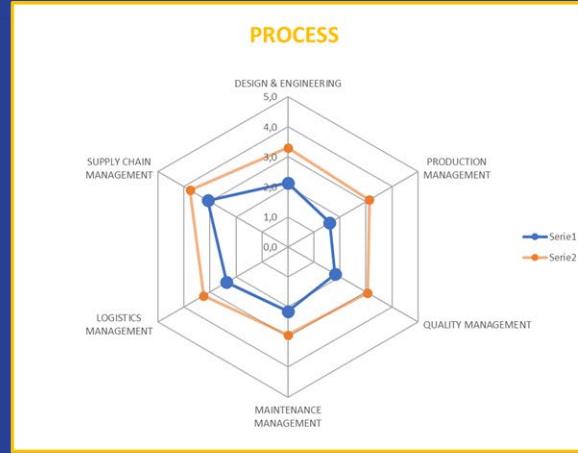
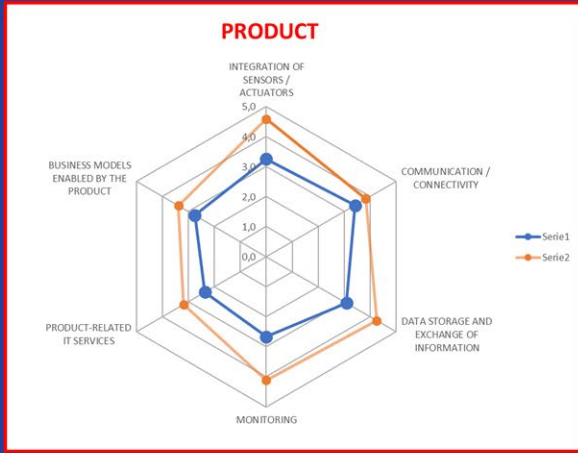
Digital Business
Models

Each Pillar is made of 6 dimensions of analysis
with 5 levels of maturity (from 1-INITIAL to 5-EXPLOITED)



AI REGIO

AGGREGATE RESULTS (17 PILOTS)



THANKS

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