



Slovenian  
Presidency  
20-21

# 6<sup>th</sup> Forum

of the EU Strategy for the Adriatic and Ionian Region  
**Along the coasts of the shared sea**  
Izola, 11-12 May 2021



## The new Smart Specialisation Strategy for research and Innovation 2021-2027



**PATTO  
PER IL  
LAVORO  
E PER IL  
CLIMA**



# The Emilia-Romagna system for research and innovation



## National and International Research Institutes

**CINECA**; **CNR** - National Research Council ; **INFN** The National Institute for Nuclear Physics; **INAF** – National Institute for Astrophysics; **ENEA** – National Agency for New Technologies, Energy and Sustainable Economic Development; **CMCC** - Euro-Mediterranean Centre for Climate Change, **INGV** – National Institute for Geophysics and Vulcanology

## International Agencies

**EFSA** - European Food Safety Authority; **ECMWF** - European Centre for Medium-Range Weather Forecasts

## Research Infrastructures (47)

on ESFRI priorities:

- E-Infrastructures
- Energy
- Environmental sciences
- Health and food
- Material and analytical facilities
- Physical Sciences and engineering
- Social science and humanities

## Regional University system

- 400 Degree courses (Bachelor and Master Degrees)
- 153 master
- 126 postgraduate schools
- 160 k students

## Regional system on advanced postgraduate degree

- Bologna Business School (Master/MBA)
- PhD and International Data Science Phd
- Institute of advanced studies in Food Safety
- MUNER (Motor vehicle in E-R)
- 7 ITS Foundations comprising 27 degree courses
- Business Academies

## Industry 4.0

- Big Data and Artificial Intelligence Foundation
- BI-REX
- Digital Innovation Hub
- PID (Chamber of Commerce)

# S3 domains in Emilia-Romagna

S3 2014-2020 has identified outstanding industry sectors and services given three main goals:

A. Strengthening the innovation capacities of top regional production systems:

- **Agri-food**
- **Mechatronics and Motors**
- **Building and Construction**

B. Strengthening industrial systems with high growth potential and drivers for social innovation:

- **Health and wellness industries**
- **Cultural and creative industries**

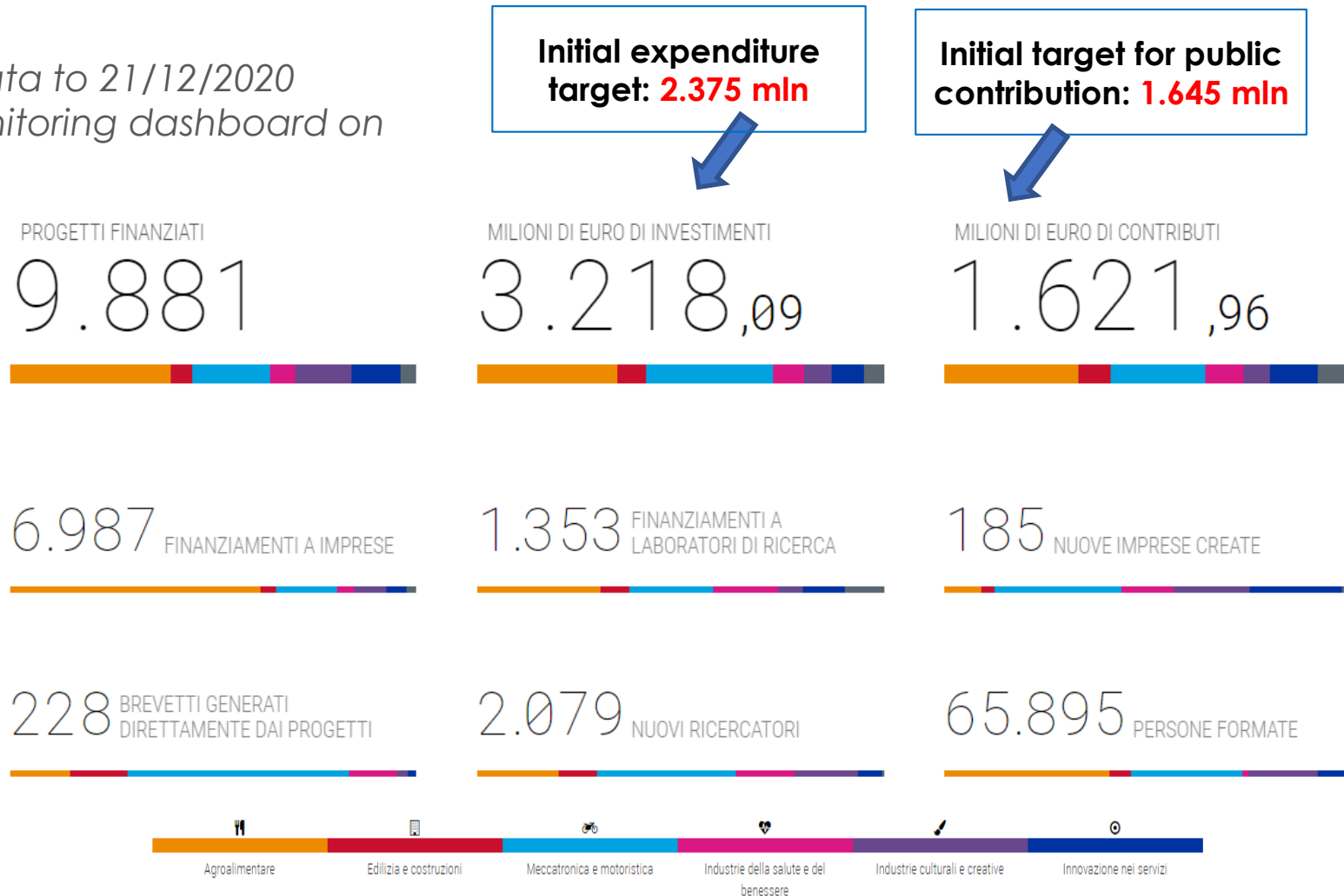
C. Strengthening industrial value chains and cross-cutting services as drivers for innovation:

- **Energy and Sustainable Development**
- **Innovation in Services**

# S3 2014-2020: Results achieved

## Main indicators

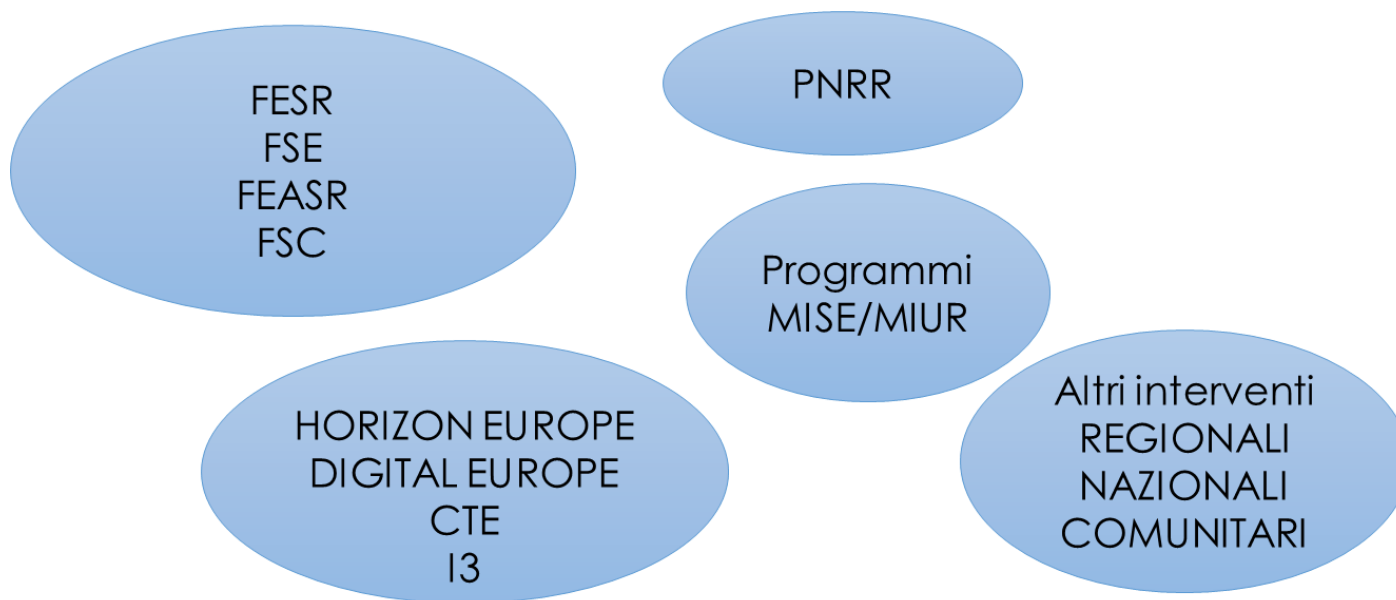
Updated data to 21/12/2020  
Source: Monitoring dashboard on S3



# S3 2021-2027: Building the priorities by crossing productive specialisation and innovation challenges

		SMARTER EUROPE	GREENER EUROPE	CONNECTED EUROPE	SOCIAL EUROPE	EUROPE CLOSER TO CITIZENS
SYSTEMS OF INDUSTRIAL SPECIALIZATION	<ul style="list-style-type: none"><li>• Agri-food</li><li>• Buildings and constructions</li><li>• Mechatronics and Motors</li><li>• Health and wellness industries</li><li>• Cultural and creative industries</li><li>• Tourism sector</li><li>• Energy and sustainable development</li><li>• Innovation in Services</li></ul>	<b>15 CROSS-CUTTING AREAS:</b> RENEWABLE ENERGY CIRCULAR ECONOMY NATURAL RESOURCES BLUE GROWTH INNOVATION ON NEW MATERIALS DIGITISATION, ARTIFICIAL INTELLIGENCE, BIG DATA MANUFACTURING 4.0 AND ADVANCED PROCESSES CONNECTIVITY, LAND AND SPATIAL E-MOBILITY FUTURE CITIES AND COMMUNITIES CULTURAL HERITAGE AND REGIONAL IDENTITY: CULTURAL PATRIMONY AND REGIONAL CREATIVE INDUSTRIES AND TOURISM WELLNESS, FOOD AND LIFESTYLES HEALTH SOCIAL INNOVATION AND ACTIVE CITIZENSHIP SOCIAL INCLUSION: EDUCATION, LABOUR AND TERRITORY			<b>INDUSTRIAL PRODUCTIVE SYSTEMS WITH HIGH GROWTH POTENTIAL</b> <ul style="list-style-type: none"><li>• Aerospace</li><li>• Design and implementation of critical infrastructures</li></ul>	

# Forecast on innovation investments for the implementation of S3 2021-2027



Cofinanziamento pubblico	2.700 mln €
Cofinanziamento privato	2.300 mln €
<b>Totale risorse</b>	<b>5.000 mln €</b>



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