



LEEWAY

PP2 Emilia-Romagna Region KoM

A.Tiziana De Nittis – project manager

Emilia - Romagna Region

DG Knowledge, Research, Labour, Enterprises Sustainable innovation, Enterprises, Industrial chain Energy & Green Economy area

11th_ 12th May 2023 | Ferrara (Italy)

RER (PP2): 3W- WHERE... WHO ... WHAT

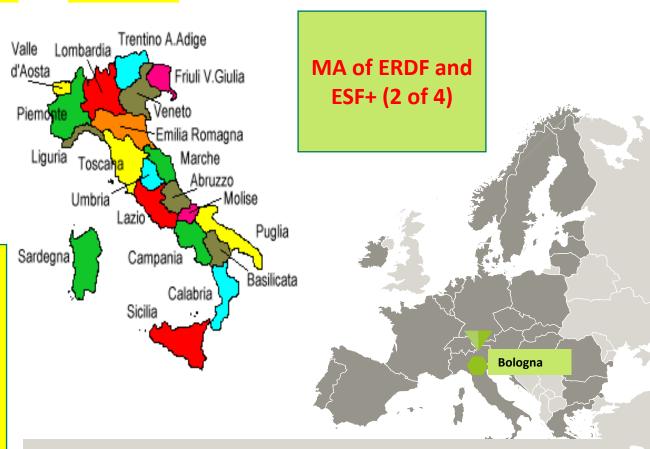
Located in the North of Italy –
Regional Authority (1 of the 22)
with 5 DGs,
9 Agencies, 4047 employees

RER ECOSYSTEM

- 7 National & International Research Centres
- 6 Universities with 166 students
- 91 Research Laboratories, Innovation Centres...
- 10 Technopoles 2 European Agencies (ECMWF, EFSA)
- 34 Incubators and Accelerators
- 9 Regional Clust-ER (s)

Coordinator of the Italian Regions in the

National Technology Cluster – «Blue Innovation Growth (BIG)»



1st Region in ITALY and Strong Region «Regional Innovation Scoreboard 2021» EU Commission

- 1° Region in export and in patent per capita
- 1° Region for foreign university students

RER (PP2): 3W- WHERE... WHO ... WHAT

MAIN TOPICS

Energy & Energy
Efficiency
Renewable sources –
Hydrogen exploitation



Green * Blue*
Circular & Space
Economy

Policy Instruments



Smart Specialisation
Strategy - 15 prioritiesin line with the
EUCohesion policy



The New RP ERDF (2021-2027)

Regional Energy Plan
3-Year Implementation Plan



<u>by 2050 –</u>
<u>100% renewable</u>
<u>energies by 2035</u>





At International level....







RER (PP2): WHAT (S3 & RP ERDF...)

S3 priorities

Agri-food

Building and

Construction

Health and Wellness Industries

Cultural and

Creative Industries

Tourism Industry

Energy and

Sustainable

Development

Innovation in

Services

Mechatronics and

Motor Engineering

stems

O

alizati

S

Industrial

A smarter Europe

A greener Europe

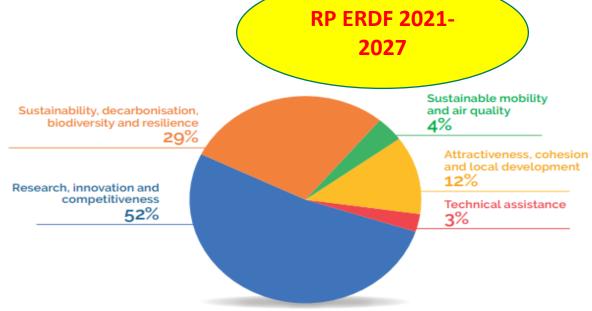
A more connected A Europe closer to citizens

Circular economy

- Climate and natural resources (air, water and land)
- Blue growth
- 5. Innovation in materials
- 6. Digitalisation, Artificial Intelligence, Big Data (firms and PA)
- Manufacturing 4.0 and future evolutions
- Connectivity of ground and space systems
- 9. Sustainable and innovative mobility and motor industry
- 10. Cities and communities of the future
- 11. Heritage and identity of the region: cultural assets and contents, creative activities, tourism and Made in E-R products
- 12. Wellbeing, nutrition e lifestyle
- 13. Health
- 14. Social innovation and social participation
- 15. Inclusion and social cohesion, education, jobs, territories



A more social



- 1. Research, innovation, competitiveness (52% 530M€)
- 2. Sustainability, decarbonisation, biodiversity, resilience (29%)
- 3. Sustainable mobility and air quality (4%) for T.343M€
- 4. Attractiveness, cohesion, local development (12% 120M€)

T. € 1,024,214,643

RER (PP2): 3W- WHERE... WHO ... WHAT



At International level....











Project co-financed by the European. Regional Development Fund















ADRIACLIM

re-MODULES REFEREE School Change RESOLVE Biomether

PrepAir **Build-Interest**

POTENT ABRACADABRA

RER (PP2): **WHAT**....

International level....







Vanguard Initiative

ERR leading the Pilots:

- Artificial intelligence & Human-Machine Interface (AI&HMI)
- New Nano-enabled Products (NANO since 2018)
- Advanced Manufacturing for Energy Related Application in Harsh Environments (ADMA since 2022)

and participating to:

- Pilot 3D-PRINTING
- Smart Health ESM Efficient And Sustainable Manufacturing
- Bioeconomy
- Hydrogen

Undersigning the *Under2MOU coalition*, leaded by the *Governor of California*

- more than **260 Governments globally**
- representing 1.75 billion people and 50% of the global economy

Clean
Hydrogen JU
(CHpartnership)

S3 Hydrogen Valleys partnership

Since 2019 E-RR part of it, involving more than 40 European Regions from 13 Countries to support the production of clean Hydrogen via renewable energy sources; energy transport and industry....

RER Team

Legal representative for ETC projects DG Morena Diazzi

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2gether with

