

Synergies between EU structural and Investment Funds: best practices in Calabria Region





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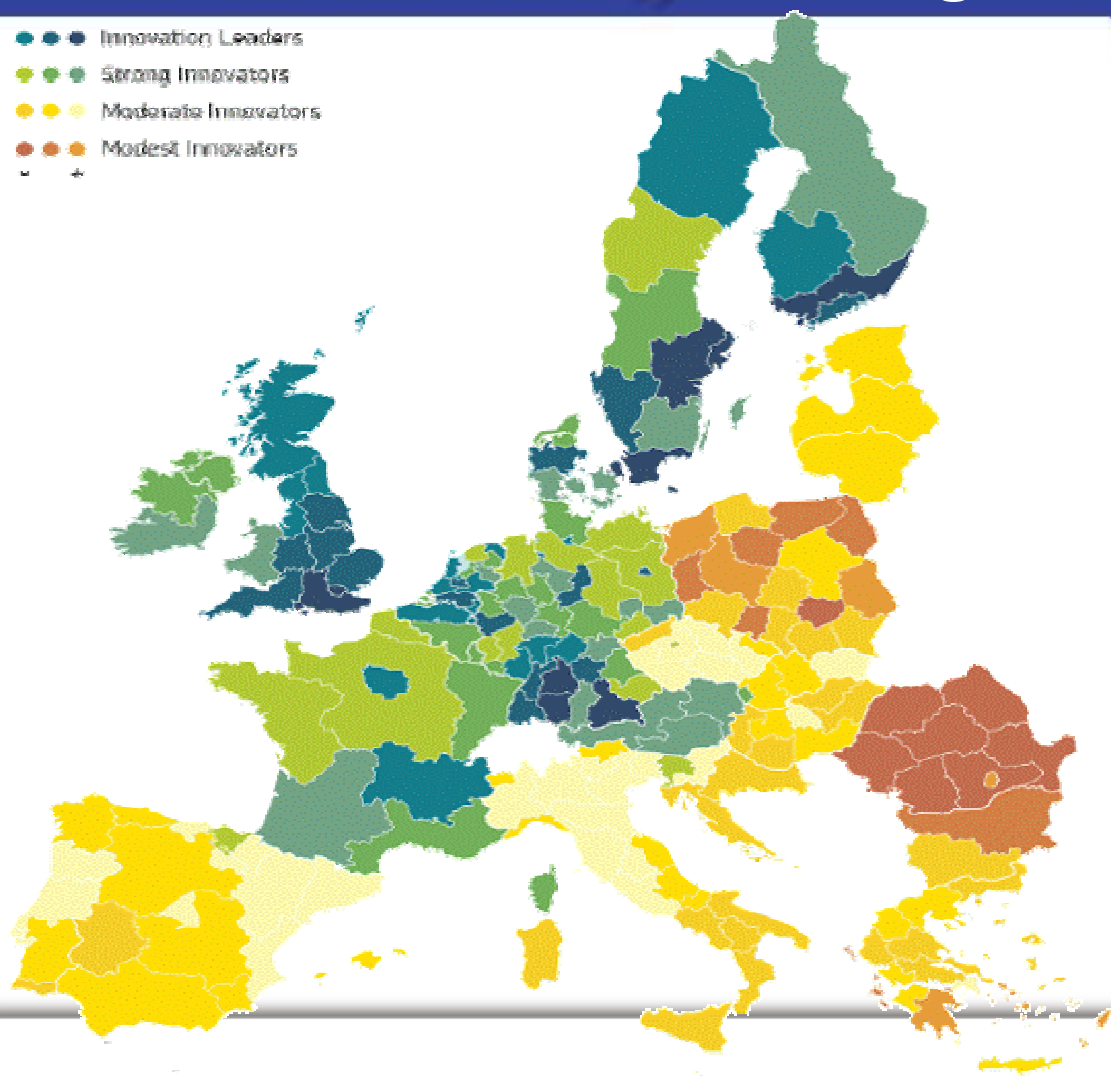
- About us
- Overview of Calabria ERDF Programme and its main R&I objectives
- Synergies between ESIF and H2020:
 - Indirect Experience
 - Direct Experience (M-ERA.Net Project, H2020 regional call)





Indicator	Value
Population	2 milion
Enterprises	184000
Universities	3
Innovation cluster	7
Local Research infrastructure	22
Innovative Start up	168

-  Innovation Leaders
-  Strong Innovators
-  Moderate Innovators
-  Modest Innovators



“Regional performance differences are high in Italy with the best performing region, Friuli-Venezia Giulia (ITH4), performing 70% higher than the lowest performing region, Sicilia (ITG1).

Innovation performance is higher in more northern regions as compared to more southern regions.

All Italian regions are Moderate Innovators, nine are Moderate +, six are Moderate and six are Moderate-Innovators.

For 12 regions, performance has improved, in particular for Calabria (ITF6) (+7.7%) and Toscana (ITE1) (+6.6%)”

ROP Calabria (Regional Operational Programme) 2014/2020



RIS3 Calabria



CalabriaInnova Project (ROP 2007/2013 – ROP 2014/2020)





*The future is ...
a daily job*
*“Il futuro è un lavoro
quotidiano”*



Smart Specialization Strategy Calabria – RIS3 Calabria) is the strategic paper for research and innovation for the periodo ESIF 2014/2020

A long term vision is focused on schedule a regional economic change by enhancing local excellence:



- The strategy and investment support are focused on a **limited numbers of priorities** (strategic Areas of Innovation);
- Encourage strengths, **competitiveness and excellence** of each Region.

2015 - 2016

- Involvement of stakeholders

2017 ... 2020

- *Governance and participatory democracy*

≈1000 participants
150 speech
300 contributions

VALORIZE THE PRODUCTION BASE SUPPORTING INNOVATION AND PROJECTION EXTRA-REGIONAL

IMPROVING THE QUALITY OF LIVE

Agro food

Tourism and Culture

Sustainable building

Logistics

ICT and Tertiary Innovative

Smart Manufacturing

Environment

Life Sciences



food safety, quality products and processes, waste recovery, functional food, marketing, packaging

ICT for tourism, diagnosis and restoration. Design and creativity

intelligent building sites, sustainable building energy savings, materials, seismic safety

port logistics: green port services. Reverse logistics, agri-food logistics

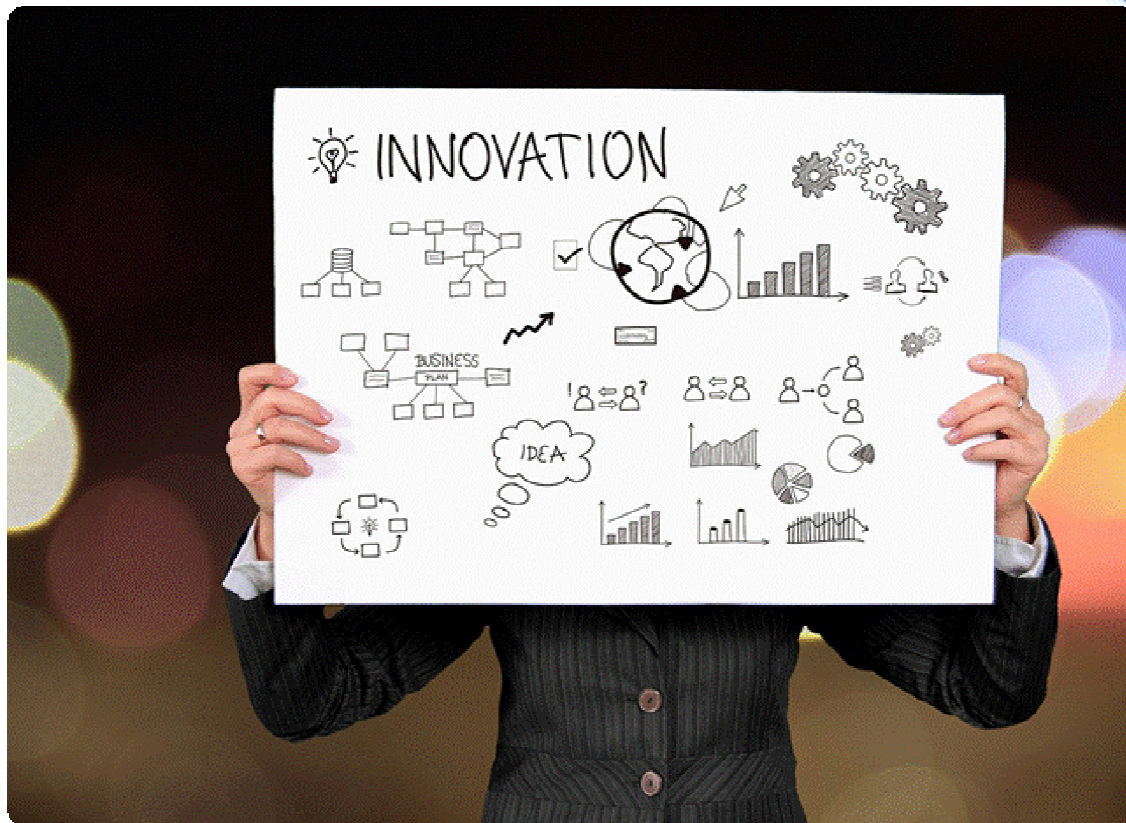
complex service systems, Pervasive Business Intelligence, Open Linked Data, cyber security. Internet of Things.

Smart materials, Smart processes, Smart solutions

Monitoring, prevention and intervention on coast, landslides, floods, fires and earthquakes. Early warning. Waste management and energy sources

advanced diagnostics, nutraceuticals, personalized medicine, biomedical devices

APPLICATION AREAS



▶ ROP Calabria
2014/2020



It is divided into 14 priority Axes or Thematic Objectives (TO)

POR FESR FSE 14/20



“Promoting of Research and Innovation” (TO1)

Amount of funds :

(8,83% of total FUNDS ROP Calabria 2014/2020)

€ 210.213.417 of € 2.378.956.842

TO1 - Promoting of Research and Innovation

Our vision: "SMARTER CALABRIA"

"Una Calabria più SMART"



Asse 1
Ricerca e
innovazione

2 Investment priorities:

1 a – Support research infrastructure

1 b - Support SMEs



- Voucher for innovation services
- Industrial Research and Experimental Development projects
- Cluster
- Precommercial Public Procurement
- Living Labs
- Start Up / Spin Off

1.2.2 – R&D to support SME competitiveness
Call for applicants “ **Progetti R&S**”
CLOSED 2017 - € 54 MK

1.1.2 – Innovation services (to improve competitiveness and to enhance SME technology)
Call for applicants “**Innovation Services**”
CLOSED 2017 - € 7 MK

1.4.1 – To create Innovative Start-up and Research Spin-off
Call for applicants “**START-UP E SPIN-OFF**”
WORK IN PROGRESS
FIRST STEP OF ASSESSMENT

1.1.4 –R &D activities (R&D project, intangible services, IPR, dissemination of results, support and mentoring)
Call for applicants “**Innovation Clusters**” - Work in progress
11/02/2018 – 13/03/2018
M-ERA.NET PROJECT

1.5.1 - Support of Research Infrastructures
Call for applicants “**Innovation Clusters**”
Work in progress
11/02/2018 – 13/03/2018

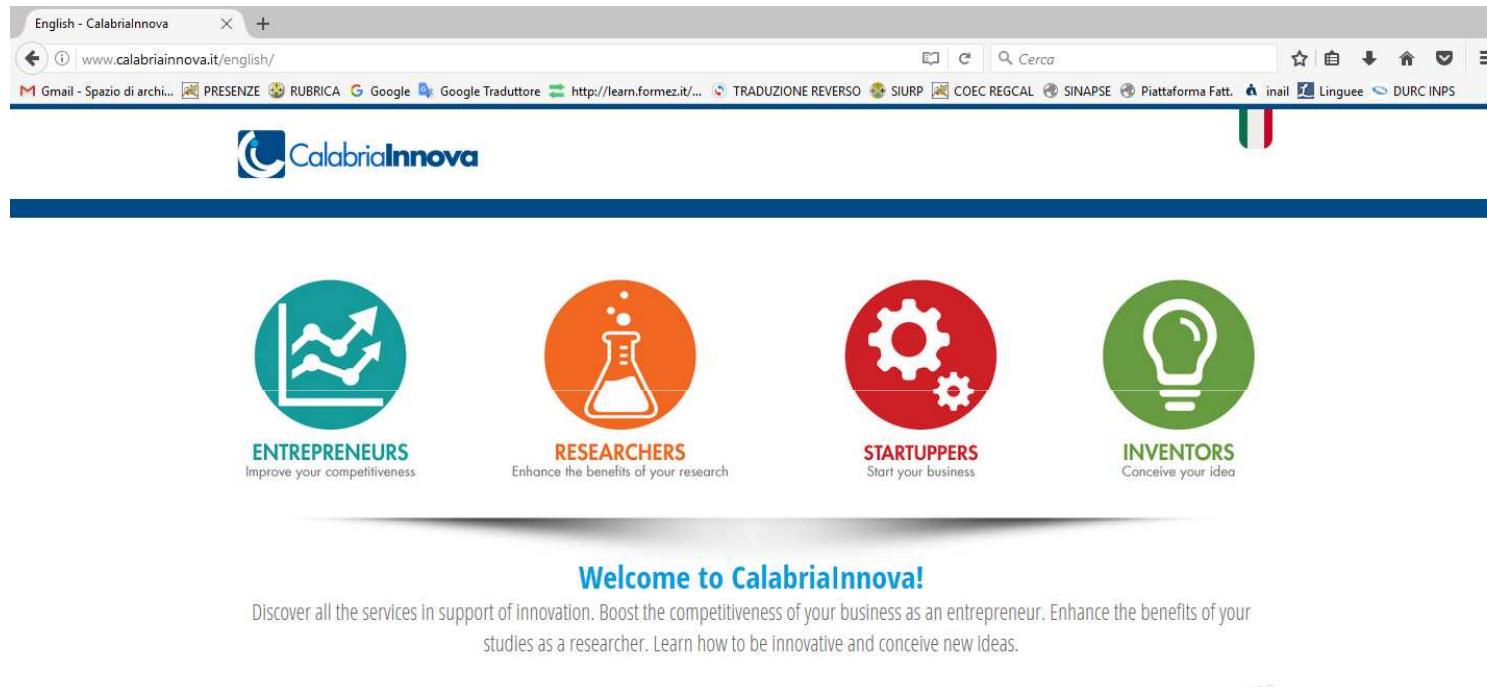
1.1.5 – Pilot measures of early validation of research results and industrial validation

1.3.3 – Knowledge-intensive and research-intensive with high added value

1.2.1 – Synergies between H2020 and ERDF: to increase the participation of SMEs at **Eu platform and network**
Call for applicants “**Horizon 2020**”
Work in progress
Opening call - € 1 MK

1.3.1 – Precommercial Public Procurement, Innovation Procurement

1.3.2 – Living Labs



CalabrialInnova Project (ROP ERDF 2007/2013 – ROP ERDF 2014/2020)



ENTREPRENEURS
Improve your competitiveness



RESEARCHERS
Enhance the benefits of your research



STARTUPPERS
Start your business



INVENTORS
Conceive your idea

Specific objectives:

- Exploitation of public research results
- Improve competitiveness of SMEs
- Enhance profitability and growth performance of SMEs by combining and transferring new and existing knowledge into innovative, disruptive and competitive solutions



Local Results:

- **12 spin-off**
- **36 startup** (31 innovation startup italian register)

- ✓ Good outcome
- ✓ Low performing
- ✓ Public Support

Several SMEs have asked support to start a international pathway. It submitted a proposal in SME Instrument phase 1 and phase 2

Calabria Performance in H2020 (european results) :

ITALY: n. 331 grant projects

CALABRIA REGION: n. 6 grant projects - 1.8% of italian projects

SME Instrument	Phase 1	Phase 2
Grant	5	1
Seal of Excellence (SoE)	5	4

Indirect Action and Synergies between Funds (H2020 and ERDF)

Call for applicants Horizon 2020 (ROP 2014/2020)

Bando Horizon 2020

Avviso pubblico per il sostegno nella partecipazione alle call del Programma Horizon 2020

Ultimo aggiornamento 24-01-2018

PUBBLICAZIONE



Description:

Technical support to improve the capacity of submitting proposals in **Horizon 2020 call for proposal**.

Beneficiary: SMEs

Deadline Open call
(until exhausted financial funds)

Status of implementation:

Open

Budget amount: 1.2 million Euros

Bando Horizon 2020

Avviso pubblico per il sostegno nella partecipazione alle call del Programma Horizon 2020

Ultimo aggiornamento 24-01-2018

PUBBLICAZIONE



Contribution: For each SMEs Calabria Region shall make a contribution of up to EUR 15.000 (max 75% of the eligible costs)

Eligible Costs

- **Employees** (staff);
- Expert **consultants**;
- **Analysis / Studies** and Research Expenditure;
- Expenditure incurred in initiatives of **mentoring and coaching** support for H2020;
- Travel expenses for **partner search**

First results

- 100 registered enterprises
 - 20 applicants
 - 13 funded
 - 130k

Bando Horizon 2020

Avviso pubblico per il sostegno nella partecipazione alle call del Programma Horizon 2020

Ultimo aggiornamento 24-01-2018



Evaluation procedure:

Capital contribution, with a maximum aid intensity of 75% of eligible costs and with a maximum amount for each proposal of:

- Euro **7.000 €** for each **partner** (not co-ordinator) of the proposal to Horizon 2020;
- Euro **15.000 €** for each (individual proposal or **co-ordinator**) project of the proposal to Horizon 2020.

Following reporting evaluation assessment:

75%nge of eligible expenditure incurred in case of an **overall score greater than 10/15** for each Evaluation summary report;

60%nge of eligible expenditure incurred in case of an **overall score equal to 9/15 or 10/15**;

40%nge of eligible expenditure incurred in case of an **overall score less than 9/15**.

Calabria Region is one of
41 funding organization
involved in M-Era.Net:

**ERA-NET for materials
research and innovation**



M-ERA.NET started in 2012 under the FP7 scheme and continues from 2016 to 2021 under the Horizon 2020 scheme as a network of 41 public funding organizations, including 29 national and 12 regional organizations, from 28 European and non-European countries.

**Calabria Region co-funds
by using ESIF (0,5 million)**



Phases of Calabria Region participation in M-Era.Net



Other joint activities:

M-ERA.NET 2 cooperates systematically with the European RTD community in materials research and innovation including materials for energy.

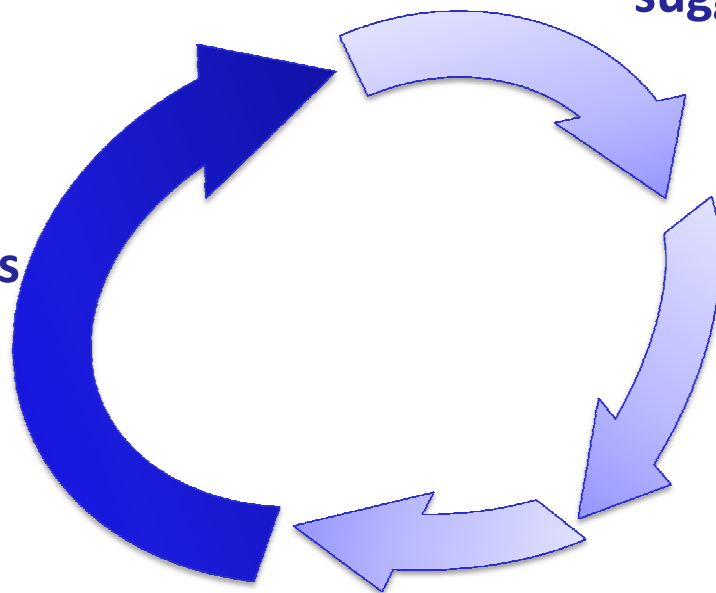
Visibility of research activities at national and regional levels as well as networking across borders will be enhanced.

A database of national and regional RTD clusters and competence centers is updated continuously.

- 1. Clusters and competence centers**
- 2. Research facilities in M-ERA.NET territories**

Joint calls: operating in cycles

Call implementation
(programme managers
e.g. funding agencies)



Programme owners (e.g. ministries):
suggest **thematic priorities**

External expertise from Strategic
Expert Group (representing
industry and academia)

Programme owners:
-endorse work programme
- **individual nat/reg commitments:**
**topics, budget, type of research, target
group**

- 15 March 2016, launched
- 14 June 2016, 12:00 Deadline for submission of pre-proposals :
 - Pre-proposals
 - National/Regional Funding Applications
- September 2016 - Feedback to applicants about first valuation
- 10 November 2016, Deadline for submission of full proposals
- First Quarter 2017 –Feedback to applicants and feedback between Nat/Reg.
- Funding Applications and start of funded projects

STEP	Consortium	Calabria Region
Pre proposals submitted	233	16
Recommended consortia	91	14
Full proposals submitted	89	14
Funded projects	46	1

Hard Eco Innovative Coatings Project - Acronym: HEI-Coat, main points

Partner	<ol style="list-style-type: none"> 1. MATELIOS District, Technological District on Advanced Materials for Renewable Energy - (SME – Calabria Region - IT) 2. CRM Group, a collective research centre (RES - Walloon Region - BE) 3. SCHOONBROODT HYDRAULICS (SME – Walloon Region - BE) 4. UNIVERSITY OF LIMOGES (HE – Aquitaine Region - FR) 5. TCPP (SME – Aquitaine Region - FR) 		
Total Project Costs (Euro)	1.359.182	Requested Funding (Euro)	923.495
Calabrian Budget	350.000		
Project description	<p>HEI-Coat Hard Chrome (HC) coatings for anticorrosion and anti-wear applications cover a wide market share ranging from automotive to aerospace.</p> <p>According to the Regulation (EC) No 1907/2006, by 2017 the production of HC with Cr(VI) baths will be banned. It is then mandatory to find alternative materials and/or methodologies of deposition.</p> <p>The HEI-Coat project aims at developing innovative coatings deposited by the environmental friendly Cold Gas Spray technique or by the more conventional Electroplating Technology, with functional properties similar or better to the ones presented by HC.</p>		

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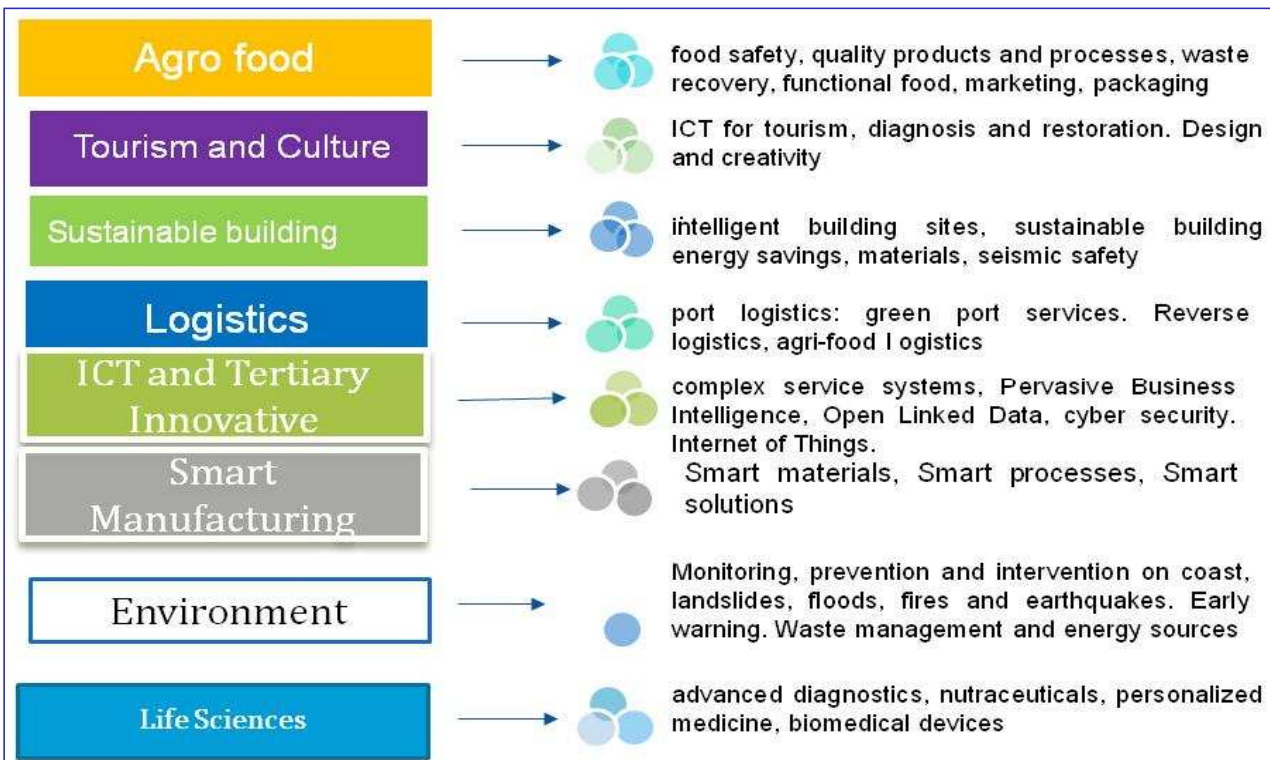
	Consortium	Calabria Region
Pre proposals submitted	91	12
Recommended consortia	90	10
Full proposals submitted	90	10
Funded projects	20	1

Weakness

- Topics vs RIS3
- Different national/regional rules
- Different selection criteria
- No Eu top up



S3 Innovation Areas



Topics Call 2017

- Integrated computational materials engineering (ICME)
- Innovative surfaces, coatings and interfaces
- High performance synthetic and biobased composites
- Functional materials
- Interfaces between materials and biological hosts for health applications
- Materials for additive manufacturing

RULE	CALABRIA REGION	M-ERA.NET
Type of research eligible for funding: eligible TRL range	From TRL 3 – Experimental proof of concept To TRL 7 – System prototype demonstration in operational environment	No limits
Funding rates (approx.)	<ul style="list-style-type: none"> ✓ For Industrial Research Activities up to 60% in case of medium enterprises and up to 70% in case of small enterprises ✓ For Experimental Development Activities up to 35% in case of medium enterprises and up to 45% in case of small enterprises ✓ Universities and public research institutions, research organizations (public) ✓ For Industrial Research Activities 70% ✓ For Experimental Development Activities 45% 	No limits
Major eligibility restrictions (e.g. types of organizations, thematic restriction)	<p>Types of organizations: SMEs and partnership between SMEs, Universities and research institutions</p> <p>Thematic restriction: in accordance with the Smart Specialization Strategy of Calabria Region, the projects to be funded must focus exclusively on Calabria S3 innovation areas</p>	Only projects consistent with S3
Geographical coverage (national/regional)	Region CALABRIA (ITF6)	UE

Evaluation Criteria Action 1.1.4 of the ROP Calabria
14/20

- a) Contribution of the project/operation to the action/pillar objectives
- b) Efficiency in implementation
- c) Quality of the project and integration with other objectives



M-ERA.NET Full-Proposal Evaluation Criteria
– Call 2016/2017

1. Excellence
2. Impact
3. Quality and efficiency of the implementation

Selection criteria are admitted to funding (under Priority Axis 1 – Promotion of Research & Innovation) the excellent projects assessed under Horizon 2020 elements (i.e. **Seal of Excellence**)

Selection Criteria are approved by the Monitoring Committee (05 February 2016)

**Thank you
for your
attention!**

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