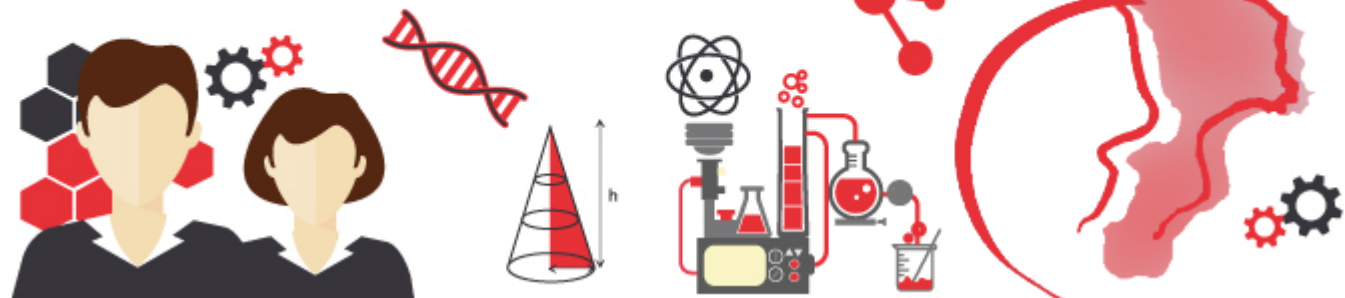




*"Una Calabria più smart"*



## Using European Structural and Investments Funds in ERA-NET Cofund project M-ERA.Net

Menotti Lucchetta,  
Public Manager of Research & Innovation Unit  
Presidency Department - Calabria Region, Italy



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# Agenda



- About us
- Overview on Calabria ERDF Programme and its main R&I objectives
- Synergies between ESIF and H2020: two cases of indirect support
- M-ERA.Net Project



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# About us



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



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# ROP Calabria 14/20



It is divided into 14 priority Axes  
or Thematic Objectives.



The first one is the “**Promoting of Research and Innovation**”

POR FESR FSE 14/20



The amount of funds reserved are:  
**8,83%** of Total FUNDS ROP Calabria  
2014/2020 (€ **210.213.417** of €  
2.378.956.842)



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## T01 - Promoting of Research and Innovation.

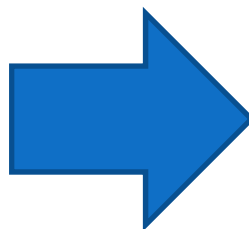


**Asse 1**  
Ricerca e  
innovazione

### 2 investment priorities

1 a – Support research infrastructure

1 b - Support SME



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



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# S3 Calabria

*The future is a daily job*

*“Il futuro è un lavoro  
quotidiano”*



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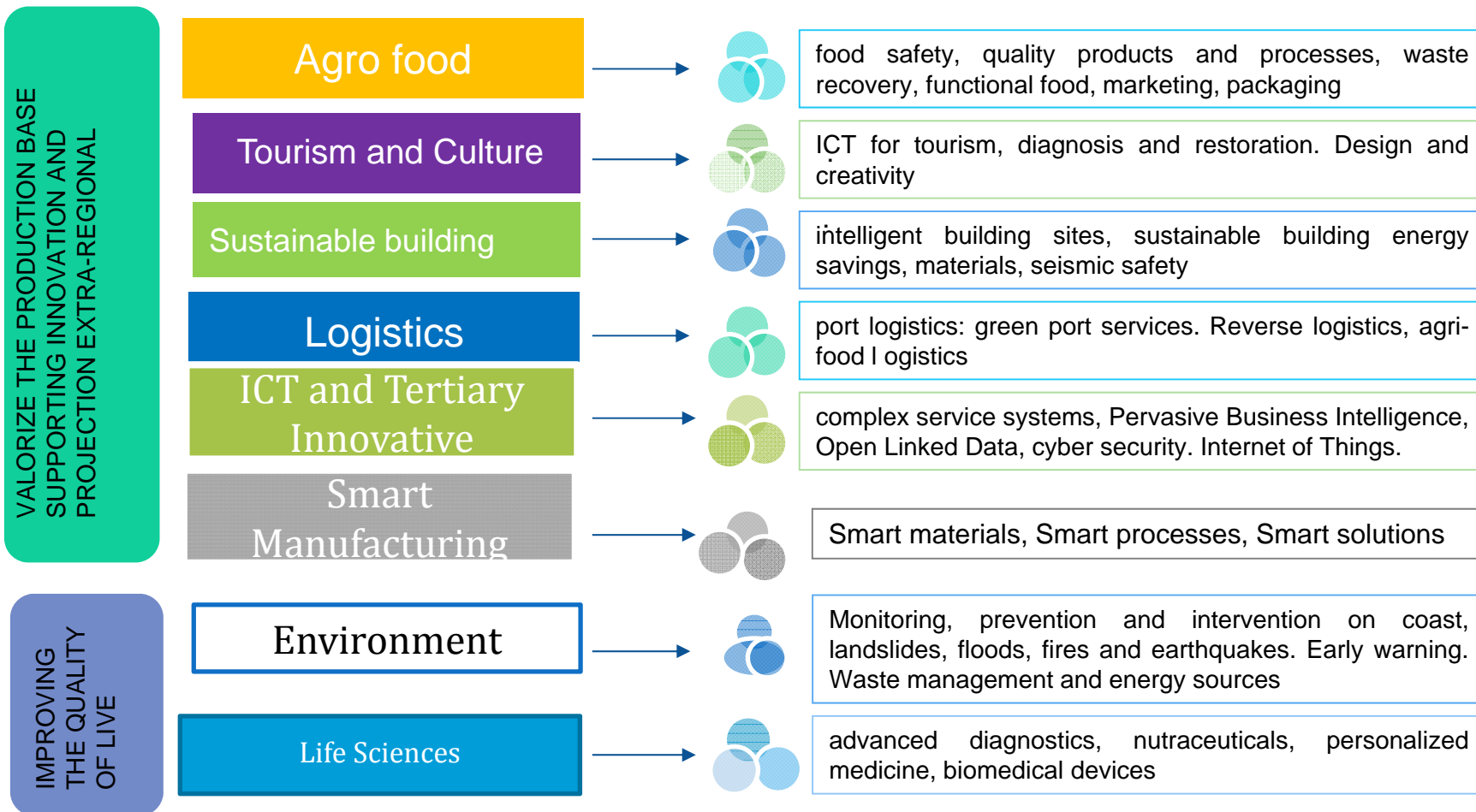


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# S3 Calabria 14-20 >> Innovation Areas



APPLICATION AREAS



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# Two cases of indirect support for synergies ESIF-H2020



## 1) Indirect Action: CalabrialInnova Project (POR FESR 2007-2013)



### Specific objectives:

- Exploitation of academic scientific results
- Improve competitiveness of SMEs
- Enhancing profitability and growth performance of SMEs by combining and transferring new and existing knowledge into innovative, disruptive and competitive solutions



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# ESI funds to support SMEs' participation in H2020



## **Indirect Action:** CalabrialInnova Project (POR FESR 2007-2013)

### Local Results:

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

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

### European Results :

- 3 Grant SME Instrument ph-1 (50,000 €)
- 4 Seal of Excellence in SME Instrument ph-1
- 1 Seal of Excellence in SME Instrument ph-2



# ESI funds to support SMEs' participation in H2020



## 2) **indirect Action:** Call Horizon 2020 (ROP 2014/2020)



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## Action 1.2.1 – Call HORIZON 2020



### Description:

Call provides for the granting of aid to the Calabrian companies involved to develop project proposals to be presented on the "call for proposals" under the Horizon 2020 Community Program.

Call provides collection of applications without a deadline but until exhausted amount of funds and evaluation report.

### Status of implementation:

open

**Budget amount:** 1.2 million Euros



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## Action 1.2.1 – Call HORIZON 2020



**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 eu partner research**

### **First results**

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



## Action 1.2.1 – Call HORIZON 2020



### 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 organisations, including 29 national and 12 regional organisations, from 28 European and non-European countries.

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**Calabria Region cofunds by using ESIF (0,5 million)**

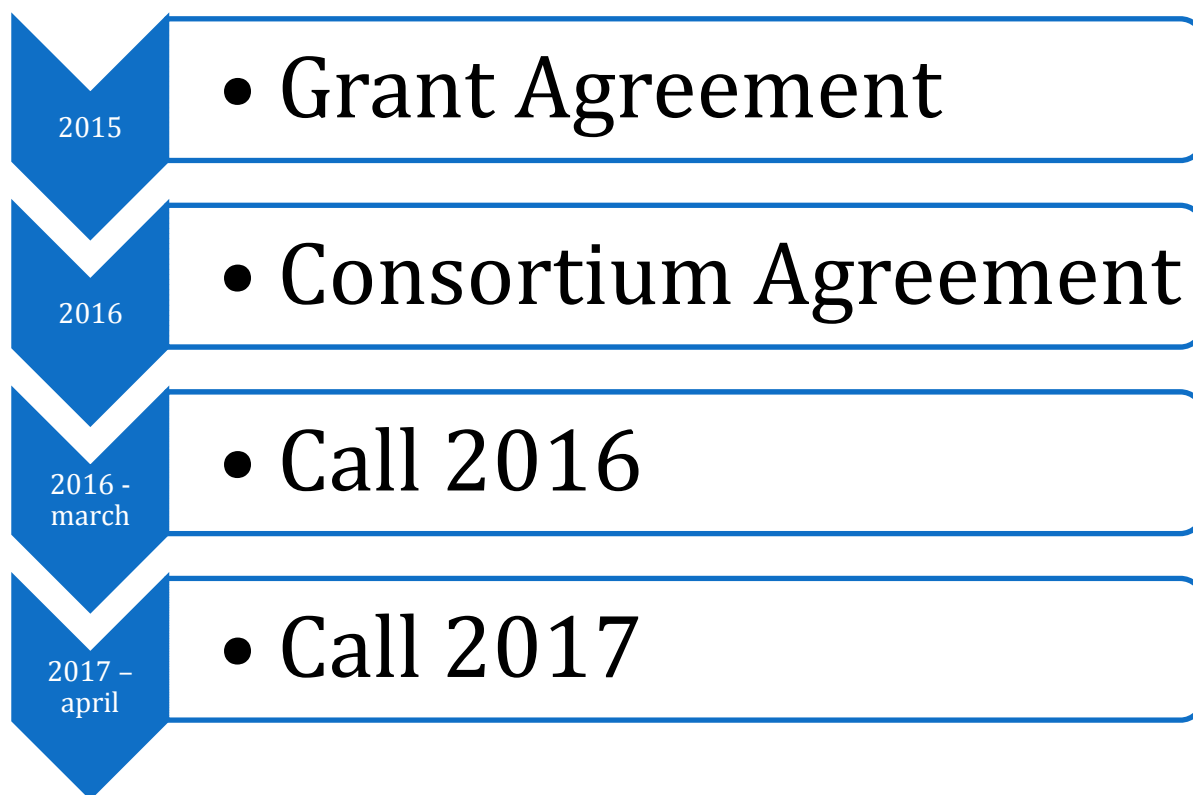




M-era.Net



## Phases of Calabria Region participation in M-Era.Net



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## Joint calls: operating in cycles



# Joint Call 2016



Launched on 15 March 2016;

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



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# Joint Call 2016



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

Partner	<ol style="list-style-type: none"> <li>1. MATELIOS District, Technological District on Advanced Materials for Renewable Energy - (SME – Calabria Region - IT)</li> <li>2. CRM Group, a collective research centre (RES - Walloon Region - BE)</li> <li>3. SCHOONBROODT HYDRAULICS (SME – Walloon Region - BE)</li> <li>4. UNIVERSITY OF LIMOGES (HE – Aquitaine Region - FR)</li> <li>5. TCPP (SME – Aquitaine Region - FR)</li> </ol>		
Total Project Costs (Euro)	1.359.182	Requested Funding (Euro)	923.495
Calabrian Budget	350.000		
Project description	<p>HEI-Coat Hard Chrome (HC) <b>coatings for anticorrosion and anti-wear applications cover a wide market share ranging from automotive to aerospace.</b> To date, HC electrolytic plating, used for more than seventy years for engineering applications, has dominated the wear coatings market, because of its simple and cheap coating method. Unfortunately, hexavalent Cr(VI) in the electrolytic baths is toxic and carcinogenic, and the overall deposition process itself is highly risky for both workers' health and environment. For that reason, 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. 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>		

# Joint Call 2017



Launched on 15 March 2017;

	Consortium	Calabria Region
Pre proposals submitted	91	12
Recommended consortia		
Full proposals submitted		
Funded projects		



## P2P: Themes of reflection



### Weakness

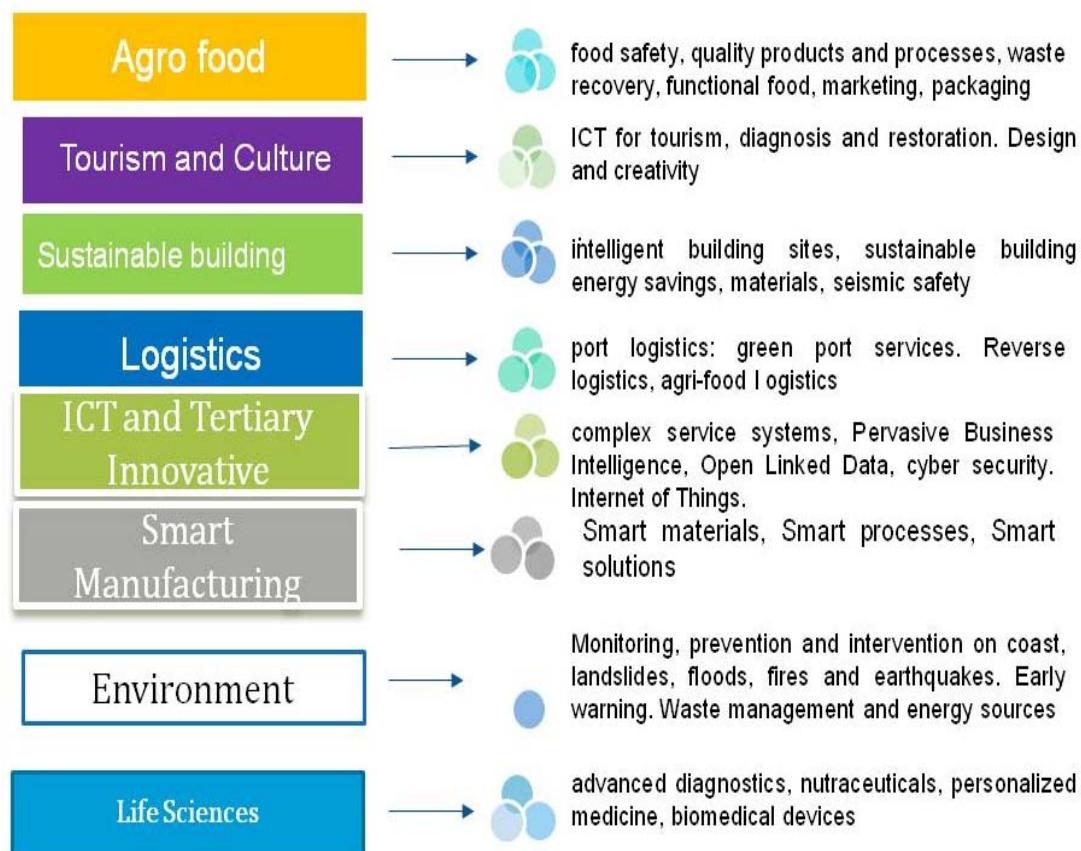


- Topics vs S3
- Different national/regional rules
- Different selection criteria
- No Eu top up





# S3 Innovation Areas and 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



# Different Rules



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"> <li>✓ For Industrial Research Activities up to 60% in case of medium enterprises and up to 70% in case of small enterprises</li> <li>✓ For Experimental Development Activities up to 35% in case of medium enterprises and up to 45% in case of small enterprises</li> <li>✓ Universities and public research institutions, research organizations (public)</li> <li>✓ For Industrial Research Activities 70%</li> <li>✓ For Experimental Development Activities 45%</li> </ul>	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 according 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

# Different selection Criteria



Evaluation Criteria Action 1.1.4 of the ROP Calabria 14/20



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

- 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

- 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)





**Thanks  
for your  
attention!**

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