



Stairway to Excellence

Synergies under the new ESIF Framework

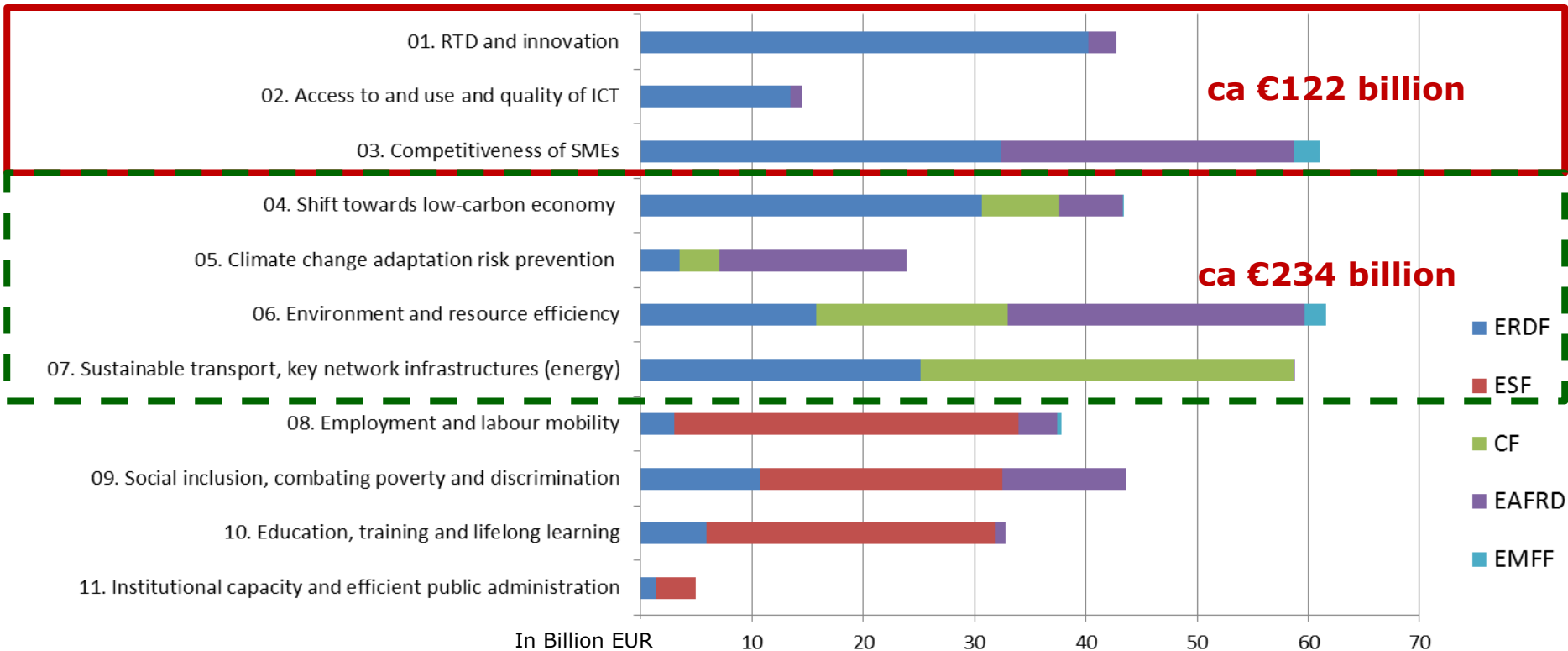
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Bucharest 22/06/2016

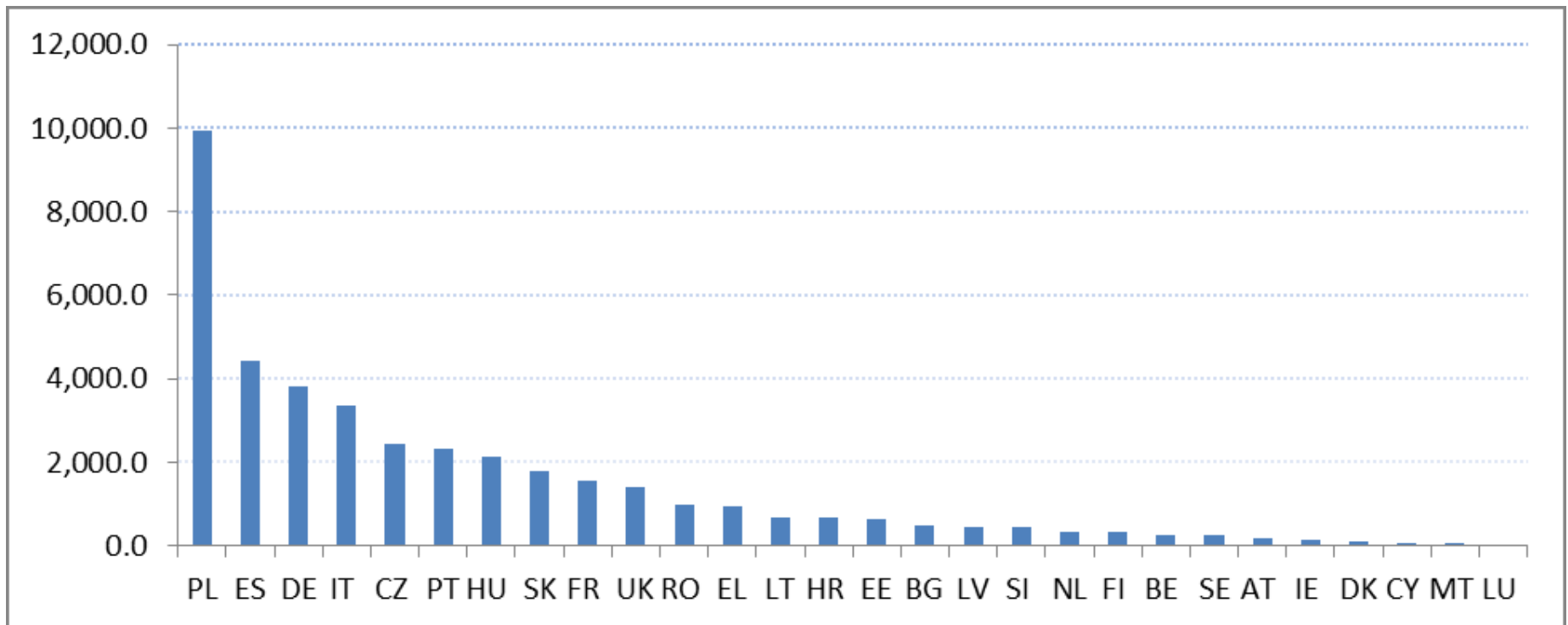
ESIF programming 2014-20

- EUR 454 billion of ESIF + EUR 183 billion of national co-financing
- 456 national/regional OPs and 79 INTERREG cooperation programmes
- Concentration on 11 thematic objectives



How much does it cost or how much do we invest?

- **Total EU budget for RIS3: EUR 43.7 billion of ESIF**
- **Plus national EUR 22 billion**
- **EUR 10 billion in financial instruments / the rest in grants**



Legal base for combination of H2020 (and other instruments) and ESIF (1/2)

- **Article 65(11)
CPR &
Art.37 RfP
Horizon2020**

Combination of funding from different EU funding instruments in different expenditure / cost items encouraged

- **Article 70(2)
CPR**

ERDF: 15% at the level of the priority axis may be spent outside OP territory (but in EU) for the benefit of the programme area

- **Art 96(3)d CPR**

OP describes arrangements for inter-reg. & trans-nat. actions with beneficiaries located in at least 1 other MS

Legal base for combination of H2020 (and other instruments) and ESIF (2/2)

- **Alignment of similar cost options**

Possible for easier combining of funds: lump sums, flat rates, standard scales of unit costs under ESIF may use the H2020 rules applicable for similar types of operations and beneficiaries (Art 67(5)b, 68 CPR & H2020 rules for participation)

- **Common Strategic Framework – annex 1 to CPR**

Synergies and complementarity of Horizon2020 and other centrally managed EU programmes in the areas of research and innovation

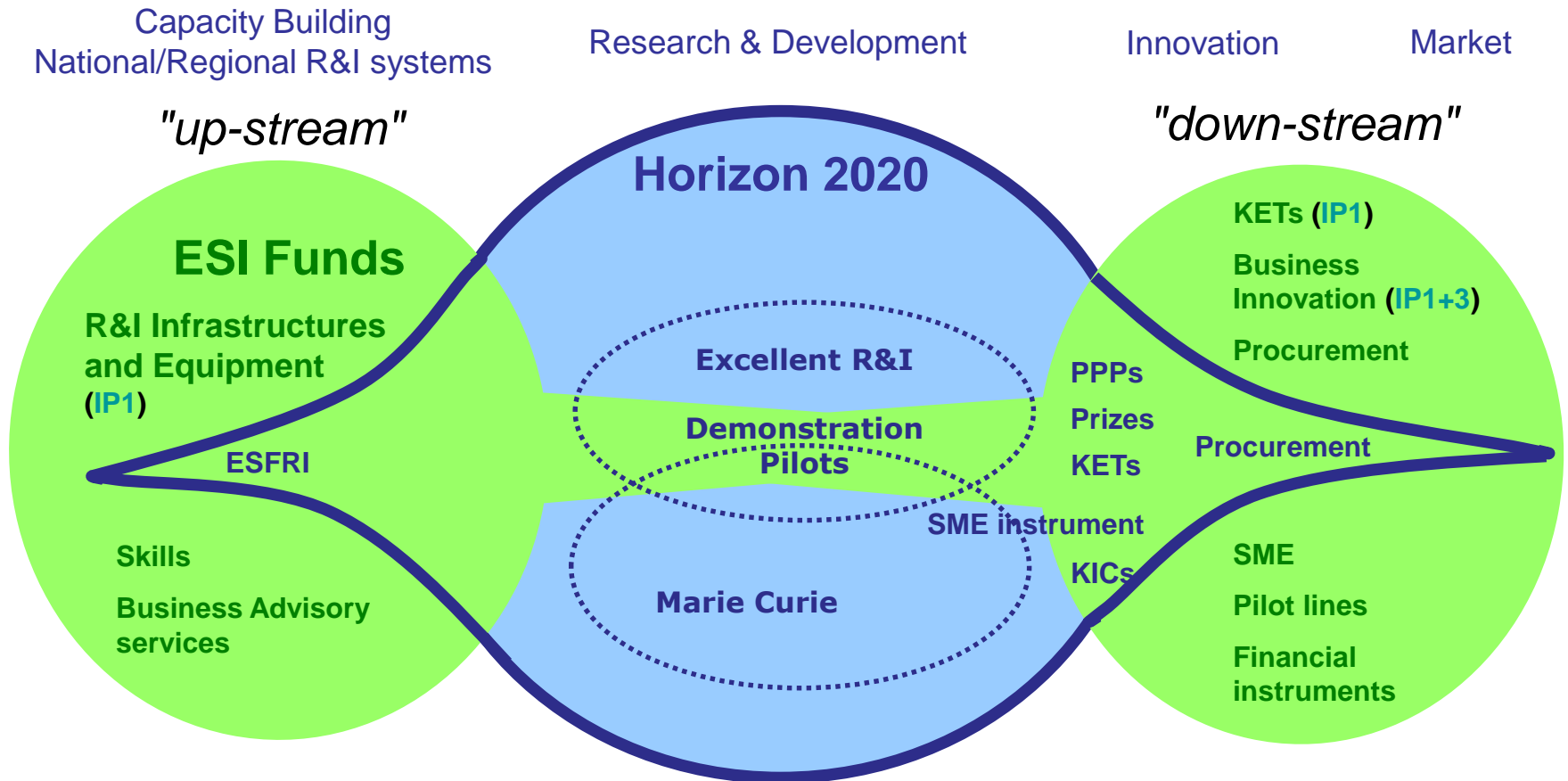
What do we understand as synergies?

- **Obtaining more impact on competitiveness, jobs and growth by combining ESIF and Horizon2020 ...**
e.g. use of ERDF research infrastructures in Horizon 2020 innovation projects
- **Amplifying projects / initiatives under the other instruments,** e.g. oversubscription on SME instrument to ESIF
- **Carrying further the projects of the other instrument towards market,** e.g. SME instrument "Seal of Excellence"

... and what NOT

- **NO substituting of national or regional or private co-funding** to projects or programmes by money from the other instruments
- **NO diversion of funding away from the purpose** of the respective instrument / operational programme (e.g. smart specialisation strategy)
- **NO simple "run for the money"**: maximising the acquisition of additional funding from H2020 for MS or region is not a good objective, as the impact is short-lived

How to achieve synergies – "Stairway to Excellence"



National events "Stairway to Excellence" – synergy obstacles identified (1/2)

- **Lack of collaborative governance / cooperation between ministries**
- **Lack of continuity in secured funding / long term planning / national commitment**
- **Lack of public private collaboration affecting the creation of economic value**
- **Lack of coordination between H2020, ESIF, and national/regional authorities / rules**
- **Lack of information circulation between stakeholders /academia, enterprises, public authorities**

National events "Stairway to Excellence" – synergy obstacles identified (2/2)

- **Lack of flexibility (adapting to new challenges, themes, topics)**
- **The career system does not motivate researchers from public organizations to participate in Horizon 2020**
- **Huge administrative burden and complicated bureaucracy to get ESIF funding**
- **Low rate of participation in international research collaboration**
- **Lack of mutual basic understanding of rules ERDF - H2020**

What is necessary to reinforce synergies?

- **Flexibility in policies**
 - **But with reliable framework allowing planning security**
- **Better communication between national ministries**
- **Mutual knowledge about rules**
- **Compact, clear, basic guidance**
- **Capacity building in human resources (research and administration)**
- **Simplification of rules (national procedures and rules are even more restrictive than EU)**
- **Public administration should better know the stakeholder's concerns**
- **Central coordination point to disseminate the knowledge about funding possibilities**
- **Selecting best projects for European funding**

Examples of good practices for synergies (1/2)

- **International Cooperation: Research Infrastructure projects *ELI (the Czech Republic, Hungary and Romania)* and *ESS (Sweden and Denmark)* of the *ESFRI Roadmap* are supported by both *Horizon 2020* and *ESIF***
- The Extreme Light Infrastructure (ELI) project is a new Research Infrastructure of pan-European interest and part of the European ESFRI Roadmap. The facility is currently based on three sites (the Czech Republic, Hungary and Romania), with an investment exceeding €850 million. ERDF contributed more than €375 million to the construction from the 2007–2013 Operational Programmes and additional funding will be allocated from the Operational Programmes of the current programming period. FP7 contributed to the preparatory phase. Currently, the establishment of ELI as an ERIC (European Research Infrastructure Consortium) is prepared and negotiated with the help of funds from Horizon 2020.
- More information: <http://www.eli-laser.eu>
- Brochure on synergy cases: <https://ec.europa.eu/research/pdf/publications/ki-01-16-339-en-n.pdf>

Examples of good practices for synergies (2/2)

- **The Bio-Based Industries Joint Undertaking (BBI JU) is a new €3.7 billion Public-Private Partnership between the EU (Horizon 2020) and the Bio-based Industries Consortium (BIC)**

Bio-Based Industries Joint Undertaking opens up avenues for synergies between Horizon 2020 and ESIF.

The BBI JU is driven by the Vision and Strategic Innovation and Research Agenda developed by the industry, mobilising €975 million EU funds and €2.7 billion private investments (an effort with a great potential for leveraging additional private and public funds including ESIF)

The aim is to develop new bio-refining technologies to sustainably transform renewable natural resources into bio-based products, materials and fuels through new value chains. This nascent sector is expected to grow rapidly and create new markets and jobs in Europe.

http://www.bbi-europe.eu/sites/default/files/documents/Guidelines_BBI_H2020.pdf

WP 2018-2019 (20) Strategic Programming

- **Gathering strategic information**
- **Analysing it**
- **Developing the next Work Programme**



An interactive and participatory process involving the European Commission and the Programme Committee

H2020 – Work Programme 2018 -19 (20)

H2020 - Work Programme 2018-19 (20) planning

WORK PROGRAMME (2016 – 2017)

DRAFTING WORK PROGRAMME (from Oct 2016...)

Start drafting Work Programme

- ◆ **START DRAFTING WP** Oct-2016
- ◆ Meetings with AG/PC/SCAR
- ◆ Horizon Group
- ◆ PC Meeting
- ◆ Meeting with DG & CAB on topics orientations
- ◆ **1st DRAFT WP (Roadmap, indicative topics & timing of actions)** Jan-2017
- ◆ Input draft Interim evaluation H2020
- ◆ **2nd DRAFT** Apr-2017
- ◆ **FINAL DRAFT** Jun-2017

ADOPTION and COMMUNICATION (from June 2017...)

Adoption procedure

- ◆ **Inter-service consultation** Jun-2017
- ◆ **PC vote** Jul-2017
- ◆ **e-Grefte procedure** Sep-2017
- ◆ **ADOPTION** Oct-2017

Communication

- ◆ NCP meetings
- ◆ Central Info days

Oct 2016 – June 2017

July – October 2017

Smart specialization areas in Romania

- **Bio-economy**
- **IT&C, space and security**
- **Energy, environment and climate change**
- **Eco-nano-technologies and advanced materials**
- *Research in health (as a national priority)*

Horizon2020 topics - go to the page "R&I Calls for Proposals H2020"

- Excellent Science
- European Research Council (ERC)
- Future and Emerging Technologies (FET)
- Marie-Skłodowska-Curie Actions
- Research Infrastructures
- Industrial Leadership
- Leadership in enabling and industrial technologies (LEIT)
- Information and Communication Technologies
- Nanotechnologies
- Advanced materials
- **Biotechnology**
- Advanced manufacturing and processing
- Space
- Access to risk finance
- Innovation in SMEs
- Societal Challenges
- Health, demographic change and wellbeing
- Food security, sustainable agriculture and forestry, marine and maritime and inland water research and the bio-economy
- Secure, clean and efficient energy
- Smart, green and integrated transport
- Climate action, **environment**, resource efficiency and raw materials
- Europe in a changing world – inclusive, innovative and reflective societies
- Secure societies - protecting freedom and security of Europe and its citizens
- Spreading excellence and widening participation
- Science with and for Society
- The European Institute of Innovation and Technology (EIT)
- EURATOM Research and Training Programme 2014-2018

Identify common topics

- **RIS3 area : Bio-economy / Energy, environment and climate change**
- **Call: BIO BASED INDUSTRIES PPP**
- **TOPIC : Valorisation of the organic content of wastewater as feedstock, contributing to the renewable circular economy (launched at 19th April)**
- **Information on:**
 - Specific challenge
 - Scope & Budget
 - Expected impact, etc.
 - Technical aspects (online guidance on submission)
 - Submission window

... and SUBMIT YOUR APPLICATION!



European Commission

Horizon 2020 support for thematic smart specialisation networks

RESEARCH & INNOVATION
Participant Portal

European Commission > Research & Innovation > Participant Portal > Opportunities

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COSME
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EU Programmes 2007-2013

TOPIC : Cluster facilitated projects for new industrial value chains
[Call budget overview](#)

Topic identifier: INNOSUP-01-2016-2017
Publication date: 14 October 2015

Types of action: IA Innovation action
DeadlineModel: two-stage
Opening date: 10 November 2015

Deadline: 06 April 2016 17:00:00
2nd stage Deadline: 08 September 2016 17:00:00
Time Zone : (Brussels time)

Horizon 2020
Pillar: Industrial Leadership
Work Programme Year: H2020-2016-2017
Work Programme Part: Innovation in SMEs
Call : H2020-INNOSUP-2016-2017
[H2020 website](#)

Topic Description [+ More](#)
Specific Challenge:
To develop new cross-sectoral industrial value chains across the EU, by building upon the 19

INNOSUP-01-2016-2017

call

Cluster facilitated projects for new industrial value chains

INTERREG Europe support

Many of the just started new INTERREG Europe projects aim to cooperate and learn around related RIS³ priority themes:

BRIDGES:

Improve the RIS3 implementation, governance and delivery, enhance **industry-led bio-economy** centres of competence as RIS3 implementation units.
Lead partner: **Kainuun Etu ltd (FI)**

Smart Chemistry

Specialisation Strategy: improve implementation of RIS3 with focus on **chemical related topics** via learning between authorities from seven regions.
Lead partner: **Ministry of Sciences and Economic Affairs Saxony-Anhalt (DE)**

NICHE

Building innovative food value chains in regions where **food is a high-potential sector** for smart growth. Translate adoption of R&I solutions by food sector companies into new products and services. Lead partner: **Reg. Dev. Agency of the West Region (RO)**

RESET - REsearch centers of

Excellence in the Textile sector: Change ESIF implementation for RTD&I to foster the **sustainability of the textile and clothing** sector of the partner regions.
Lead partner: **Municipality of Prato (IT)**

HoCare

Delivery of innovative solutions for **Home Care** by strengthening cooperation in regional innovation chains using a quadruple-helix approach.
Lead partner: **RERA a.s. - Regional Development Agency of South Bohemia (CZ)**

NMP-REG: improve regional policies for delivering **Nano-technologies & new materials** research results to the regional manufacturing sector.

Lead partner: **Agency for the development of the Empolese Valdelsa (IT)**

More information

Horizon 2020 Participant Portal

<http://ec.europa.eu/research/participants/portal/desktop/en/opportunities/index.html>

European Funds Portal in Romania

<http://www.fonduri-ue.ro/>

INTERREG Europe

<http://www.interregeurope.eu/news-and-events/news/39/first-call-projects-approved/>