



# Stairway to Excellence

## Synergies under the new ESIF Framework

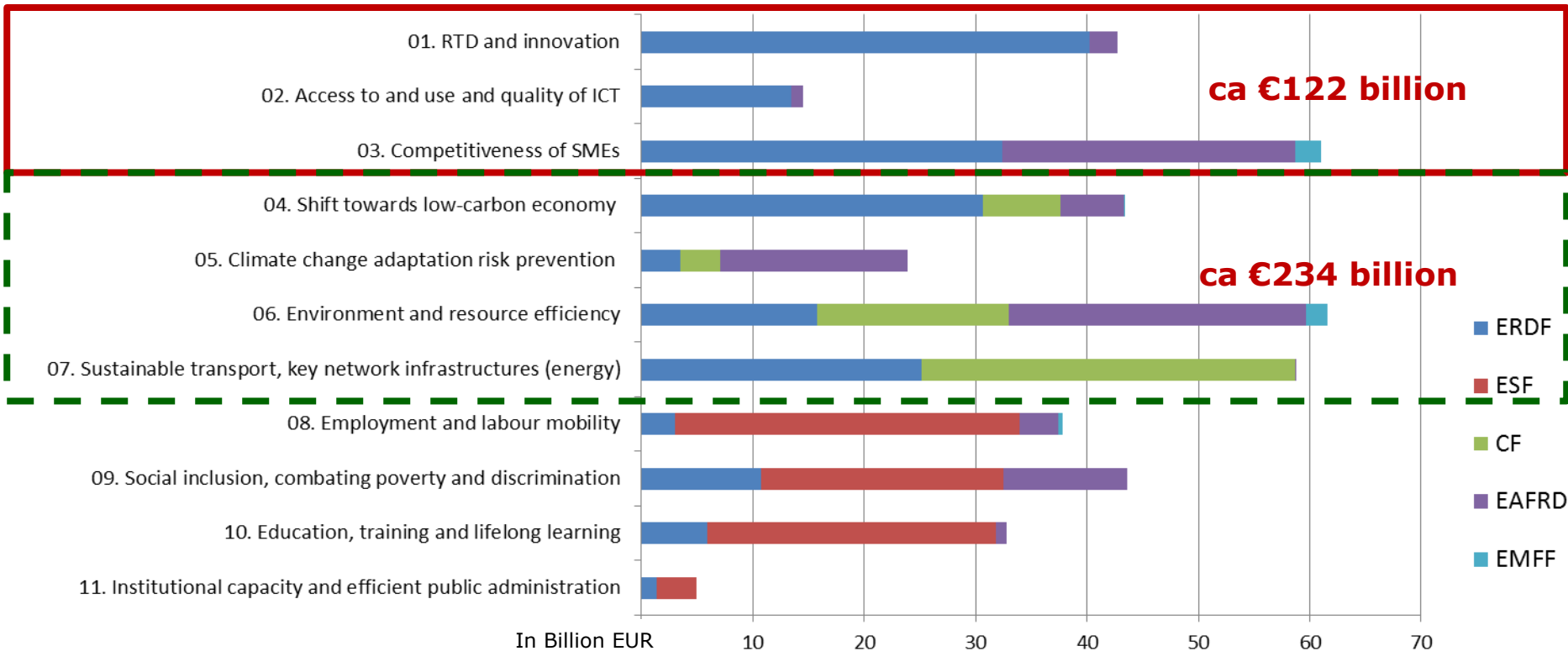
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Warsaw 27/04/2016

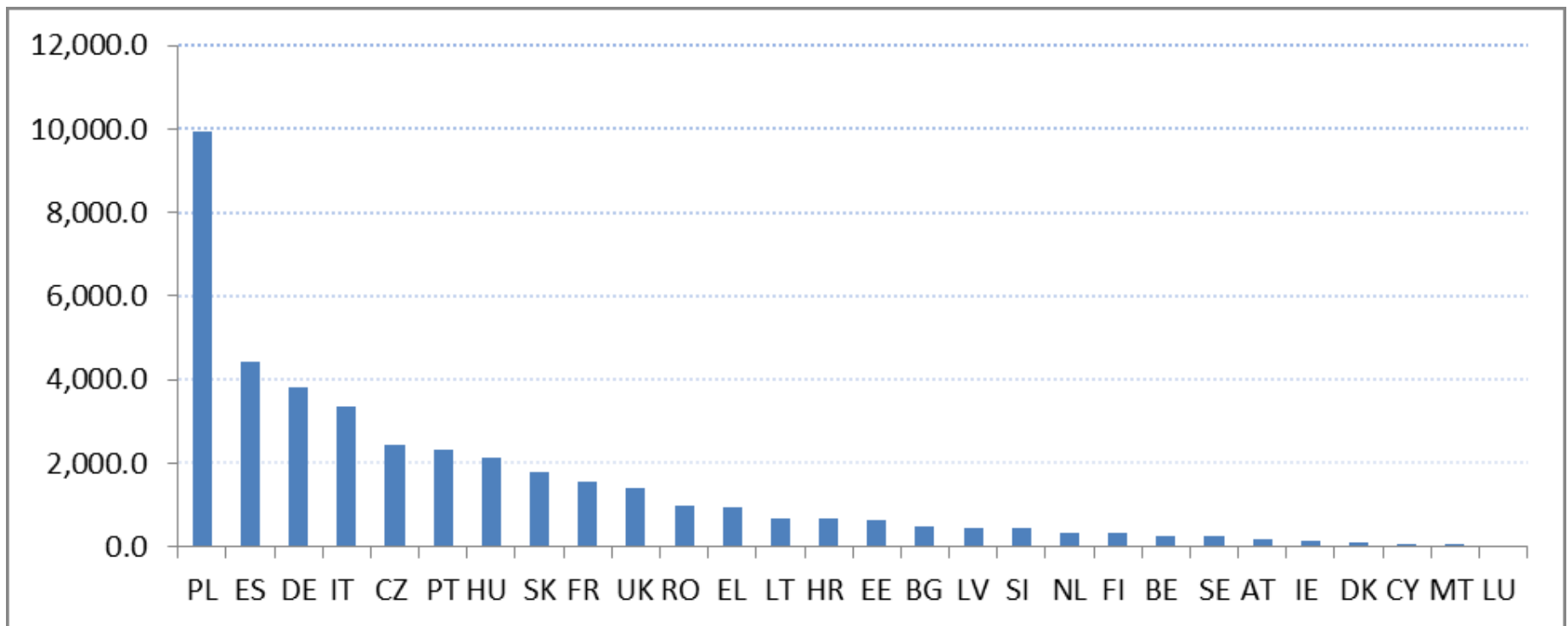
# ESIF programming 2014-20

- 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

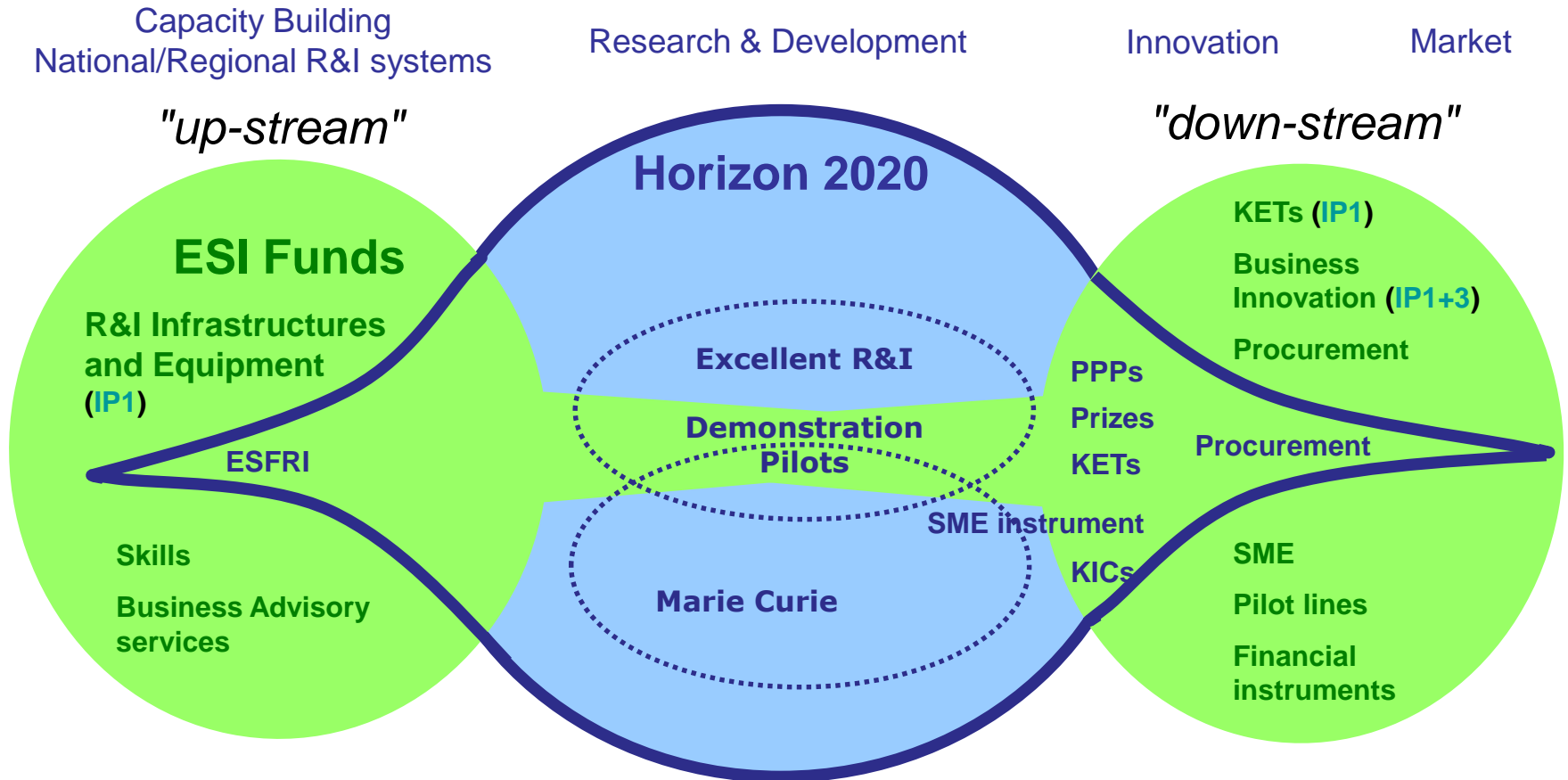
## What do we understand as synergies?

- **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" – issues 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" – issues 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 basic mutual 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)

- **Poland: EIT's Climate-KIC and its Regional Centre is working with public and private entities in the Lower Silesia region on the transition towards a low-carbon economy**

As part of the European Institute of Innovation & Technology's (EIT) activities to foster greater impact, increase outreach of the EIT's Knowledge and Innovation Communities (KICs), and fully use the innovation potential in Member States, Climate-KIC has established Regional Centres in six regions across Europe including one in the Lower Silesia region in Poland.

Most Lower Silesia partners in this KIC, and in particular the WROCLAW RESEARCH CENTRE EIT+, the University of Environmental and Life Sciences and the Wrocław University, have received since 2007 from ERDF over €210 million for projects. This enabled the Lower Silesia region to join the Climate-KIC.

<http://www.climate-kic.org/>

## 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](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
- ◆ **2<sup>nd</sup> 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-Greffe procedure** Sep-2017
- ◆ **ADOPTION** Oct-2017

##### Communication

- ◆ NCP meetings
- ◆ Central Info days

Oct 2016 – June 2017

July – October 2017

# Smart specialization areas in Poland

- **Sustainable energy**
- **Natural resources and waste management**
- **Healthy society**
- **Agri-food, forestry-timber and environmental bio-economy**
- **Innovative technologies and industrial processes**



# 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 : e.g. Agri-Food, Forestry-Timber and Environmental Bioeconomy**
- **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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**EU Programmes 2014-2020**  
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Calls  
H2020  
Research Fund for Coal & Steel  
3rd Health Programme  
Promotion of Agricultural Products  
Consumer Programme  
COSME  
Justice Programme

**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 RIS<sup>3</sup> 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 (official polish page)**

<http://www.funduszeuropejskie.gov.pl>

### **INTERREG Europe**

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