Thematic Smart Specialisation Platforms

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SSP-Industrial Modernisation
Info-Day
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Supporting the EC's top priority: the Investment Plan for Europe

- **European Fund Strategic Investments (EFSI)**
  - € 315 bn

- **European Structural Investment Funds (ESIF)**
  - € 450 bn (incl. around € 100 bn for innovation)

Increase effectiveness of investments!
Smart Specialisation Strategies designed

1,260+

The number of priorities encoded in the Eye@RIS3 database

Main RIS3 categories (2015)

- KETs (23%)
- Health (17%)
- Energy (15%)
- Creative (4%)
- Transport (3%)
- Agro-Food (23%)
- Digital Growth (12%)
- Social Innovation (2%)

Many RIS3 priorities are linked to several such categories
ESIF programming 2014-20: State of Play

- EUR 454 billion of ESIF + EUR 183 billion of national co-financing
- 456 national and regional and 79 INTERREG cooperation programmes
- Concentration on 11 Thematic Objectives

01. RTD and innovation
02. Access to and use and quality of ICT
03. Competitiveness of SMEs
04. Shift towards low-carbon economy
05. Climate change adaptation risk prevention
06. Environment and resource efficiency
07. Sustainable transport, key network infrastructures (energy)
08. Employment and labour mobility
09. Social inclusion, combating poverty and discrimination
10. Education, training and lifelong learning
11. Institutional capacity and efficient public administration

In billion EUR

Source: Final ESIF partnership agreements as of December 2015
Soon all open data available at: https://cohesiondata.ec.europa.eu/
How much do we invest in 2014-20?

- 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

Source: Final ESIF partnership agreements as of December 2015
Soon all open data available at: https://cohesiondata.ec.europa.eu/
**ESIF targets to have new firms, researchers and innovation infrastructure (only TO1)**

<table>
<thead>
<tr>
<th>Category</th>
<th>Target</th>
</tr>
</thead>
<tbody>
<tr>
<td>FIRMS</td>
<td>130,000</td>
</tr>
<tr>
<td>START-UPS</td>
<td>5,000</td>
</tr>
<tr>
<td>NEW DIRECT JOBS</td>
<td>45,000</td>
</tr>
<tr>
<td>NEW RESEARCHERS</td>
<td>30,000</td>
</tr>
<tr>
<td>RESEARCHERS WITH NEW INFRASTR.</td>
<td>72,000</td>
</tr>
<tr>
<td>NEW TO MARKET PRODUCT</td>
<td>15,000</td>
</tr>
<tr>
<td>NEW TO FIRM</td>
<td>30,000</td>
</tr>
<tr>
<td>PRIVATE MATCH INVESTMENT</td>
<td>€10 BLN</td>
</tr>
</tbody>
</table>

Source: TO 1 from all open data available at: [https://cohesiondata.ec.europa.eu/](https://cohesiondata.ec.europa.eu/)
RIS3 requires constant efforts to make it work for real economy

Ensuring continuity
- RIS3 is conceived as an on-going (and reiterative)
- Process with stakeholder involvement (Entrepreneurial Discovery Process),
- Monitoring as management tool
- Evaluation of RIS3

Implementation tools & capacities
- Selection criteria/selecion processes
- Appropriate support tools (participatory leadership methods)
- Administrative capacities to design such tools and manage them effectively and efficiently

International opening and cooperation
- Generate critical mass via combining forces
- Complementing capacities and linking related regions
- Synergies with Horizon 2020, COSME
- Art. 70 of CPR
Thematic Smart Specialisation Platforms: Rationale

- **Smart Specialisation**: FOCUS AREAS, SMART SPECIALISATION, EU VALUE CHAINS, SYNERGIES
- **Coordination**
- **Investment Pipeline**: Supply (KETs), Demand (Challenges)
- **Self-Discovery**

**EU Value Chains**

**European Investment Plan**
Five reasons why we need Smart Specialisation Platforms

1. To **complement efforts** in the implementation of national/ regional operational programmes and their respective smart specialisation strategies across EU.

2. To **avoid duplication of investments**

3. To **boost innovation and investment** projects through inter-regional cooperation of innovation actors working beyond borders

4. To **enable development of project investment pipelines** using economy of scale and scope possible only at EU level

5. To **build synergies** with other regional, national and European initiatives (Horizon 2020, COSME, EFSI etc)
Cohesion Policy And Innovation Gap

• Based on **EU Treaty** and aiming at 'economic, social and territorial cohesion' and 'reducing disparities'

• 5 funds for Cohesion Policy:
  • **European Regional Development Fund (ERDF)** incl. INTERREG
  • Cohesion Fund (CF)
  • European Social Fund (ESF)
  • European Agricultural Fund for Rural Development (EAFRD)
  • European Maritime and Fisheries Fund (EMFF)

• concentrated in less developed regions

• **Shared Management**
Strategic framework for Thematic SSPs

EU LEVEL STRATEGIES
EU 2020 / EU Flagships / Juncker Commission priorities
EIT-KICs / EIPs / SET Plan / JTIs & PPPs /...

H2020

SSP Energy

SSP Agro-Food

SSP Digital Growth

SSP Industrial Modern.

SSP Blue Growth

SSP Circ Economy

SSP Health

SSP

Interregional Cooperation
RIS3 & OPs

BOTTOM-UP REGIONAL STRATEGIES for SMART SPECIALISATION
Pilot actions for joint demonstration:
- Advanced Manufacturing for energy applications
- Efficient and sustainable manufacturing
- *High Performance Production with 3D Printing*
- Bio-economy (non-food biomass)
- Nano-enabled products

learn:
- developing a scoping paper
- mapping questionnaire
- identify lead regions and actors

connect:
- matching events for complementary partners
- developing demonstration cases

demonstrate:
- networked demonstration
- pilot lines and first-of-a-kind factories (TRL 6-8)
- Generation ‘n’, ‘n+1’ and ‘n+2’

commercialise:
- launch of new ventures and start-ups
- new value chains (TRL 9)
A multiplier mechanism for investments in new value chains

Thematic Smart Specialisation Platforms and Strategic European Cluster Partnerships will support a project pipeline of investment projects for new business opportunities in growth domains.

The Vanguard Initiative has been piloting this approach for the Pilot 'Advanced Manufacturing': at this moment 28 project cases are under development.
Creating Thematic SSP dynamics:

The SSP promotes **Joint Roadmaps** for joint demonstration and co-investments

- Lead-regions defining joint **objectives** (MoU, cfr Vanguard Initiative)
- Lead-business/research organisations defining joint **challenges** in well-defined value chain (eg. European Cluster Partnerships)
- Lead-consortia defining joint **solutions** (Business Plans)
Fueling an investment projects pipeline

**INVESTMENT PROJECT PIPE-LINE:**
- SUPPORT SERVICES (Roadmaps, value chain mapping, brokerage, ...)
- SYNERGIES IN FUNDING MECHANISMS

- Thematic SSP / European Strategic Cluster Partnerships
- **Learn! Connect! Demonstrate! Commercialise!**
- EFSI Thematic Investment Platforms

Methodology for co-creating new value chains (joint roadmap – joint demonstration – joint investment)

**SCALING-UP REGIONAL S3**
1 June 2016, WEDNESDAY

Sessions 1-2: Smart specialisation - From Design to Implementation
- Continuous Entrepreneurial Discovery
- Governance settings
- Selection criteria and selection process
- Transnational cooperation and value chains
- Monitoring and evaluation
- Smart Specialisation Strategy experience outside EU

Session 3: Thematic Smart Specialisation Platforms
- Industrial Modernisation
- Agro-Food
- Energy
- Others

Session 4: Investment challenges

2 June 2016, THURSDAY

Report and conclusions from day 1

Session 5: Align objectives for economic transformation (Stakeholders)
Session 6: Implementation of RIS3 – Synergies in policy support for economic transformation (Commissioners)

Continuous exhibition and networking
Thank you for your attention!

For more information:

on Cohesion Policy:
http://ec.europa.eu/regional_policy/index_en.cfm
http://cohesiondata.ec.europa.eu

on Smart Specialisation Strategies
http://s3platform.jrc.ec.europa.eu