



SSP ENERGY

A fresh approach for interregional cooperation through RIS3

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- 1. What opportunities for sustainable energy from Cohesion policy & why energy thematic platform?**
- 2. Implementation of RIS3 and investment in priority areas for European growth**
- 3. Thematic SSP for focussing and internationalisation of RIS3 through bottom-up interregional cooperation**

Thematic objectives (TOs)



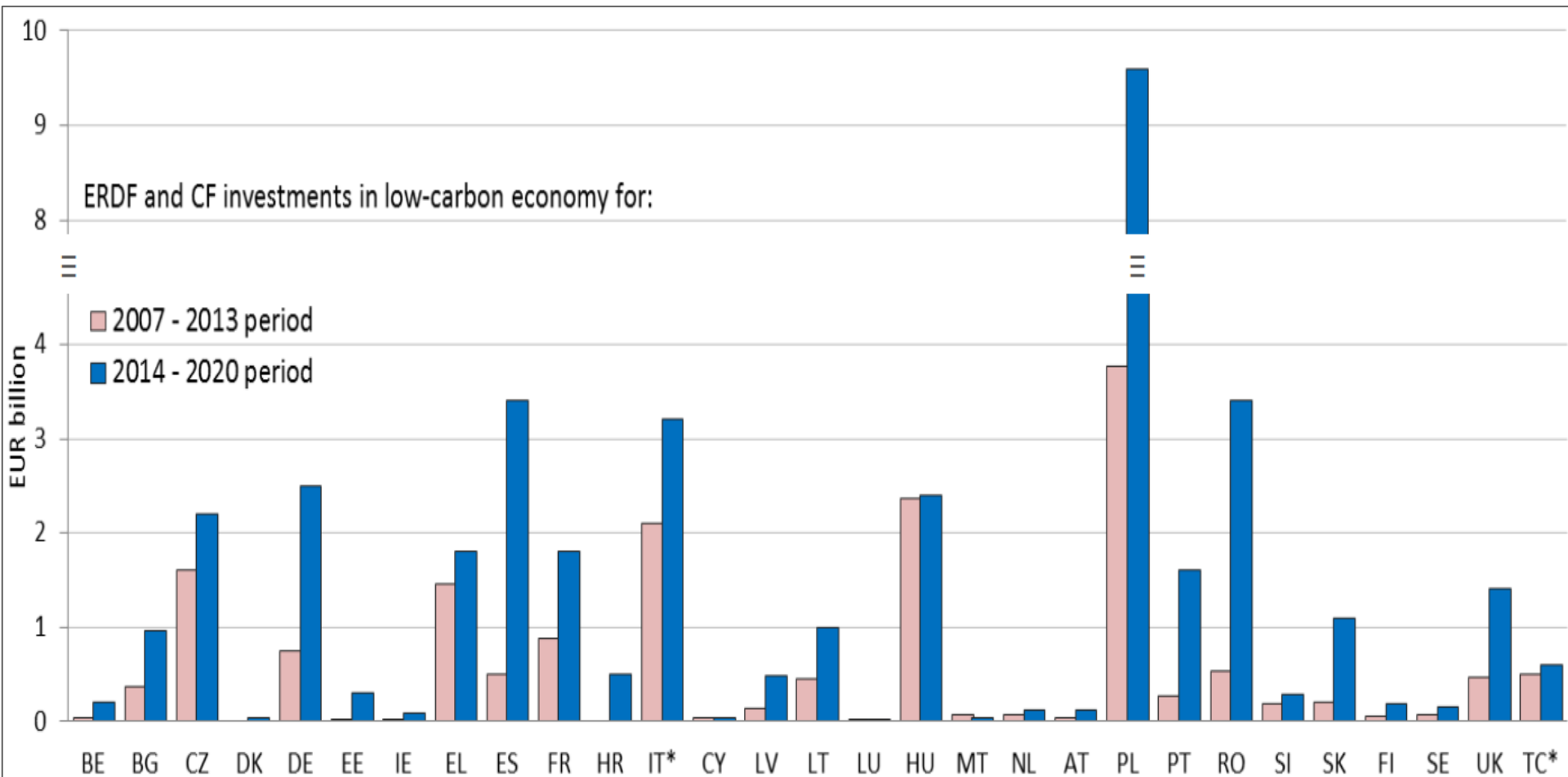
smart

sustainable

inclusive

- 1. Research and innovation**
2. Information and Communication Technologies
- 3. Competitiveness of Small and Medium-Sized Enterprises**
- 4. Shift to a low-carbon economy**
- 5. Climate change adaptation and risk management & prevention**
- 6. Environmental protection and resource efficiency**
- 7. Sustainable transport and removal of key bottlenecks**
8. Employment and support for labour mobility
9. Social inclusion and poverty reduction
10. Education, skills and lifelong learning
11. Increased institutional capacity and effectiveness of public administration

Doubling of low-carbon economy investments



* - not all OPs adopted; TC - territorial cooperation

What ERDF and CF supported measures?



- **Energy efficiency** in public buildings and in housing ~ € 13.3 billion
- **Energy efficiency** in enterprises, with focus on SMEs ~ € 3.4 billion
- **Renewable energy** ~ € 4.9 billion
- **Co-generation and district heating** ~ € 1.7 billion
- **Smart energy infrastructure** ~ € 3.4 billion
- **Research and innovation** at least €2.6 billion but possibly more based on RIS3
- Additional ESF investments in **training and capacity** (~€1 bn)

(Note: data based on categories of intervention related to TO4 but included also under other TOs)

Expected results



875 000 households will live in buildings that have been renovated to reduce energy use.



Public buildings will use **5.2 TWh/year less energy** than they do now.



Energy efficiency will be supported in over **57 000 companies**, mainly SMEs.



748 km of new or improved **tram and metro lines**, **7 515 km** of new or upgraded **railway lines** and **977 km** of new or improved **inland waterways**.



Around **7 670 MW** of additional capacity of renewable energy production.



3.3 million additional energy users connected to smart grids.



Investments will protect **13.3 million people** from floods and 11.8 million from forest fires.

- Energy R&I both in thematic objective 1 and 4
- Energy is the **most popular** priority in S3
- **2/3** of all regions have chosen an energy priority
 - 12 countries
 - 100 EU regions
 - some both at the national and regional level

 EU Countries with Encoded S3 Priorities

 EU Regions with Encoded S3 Priorities



Map: EU-28 energy priorities in online Eye@RIS3 tool



- Optimal use of the Cohesion Policy funds for sustainable energy
- Support energy innovation at all levels and their alignment with EU priorities

Thematic Smart Specialisation Platforms

Background

- European Investment Plan to close the investment gap
- Implementation of RIS3 in ESIF TO 1 'Research and Innovation' for economic transformation (44 bio euro)
- Contribution to the priority areas Energy Union, DSM, Circular Ec.

New initiative of DG Regio in cooperation with thematic DGs

- Help to better focus RIS3 implementation in OPs in regions
- Help to align RIS3 investments across regions and with European strategies (such as SET Plan)
- Accelerate innovation and business investment through 'joint demonstration' across regions

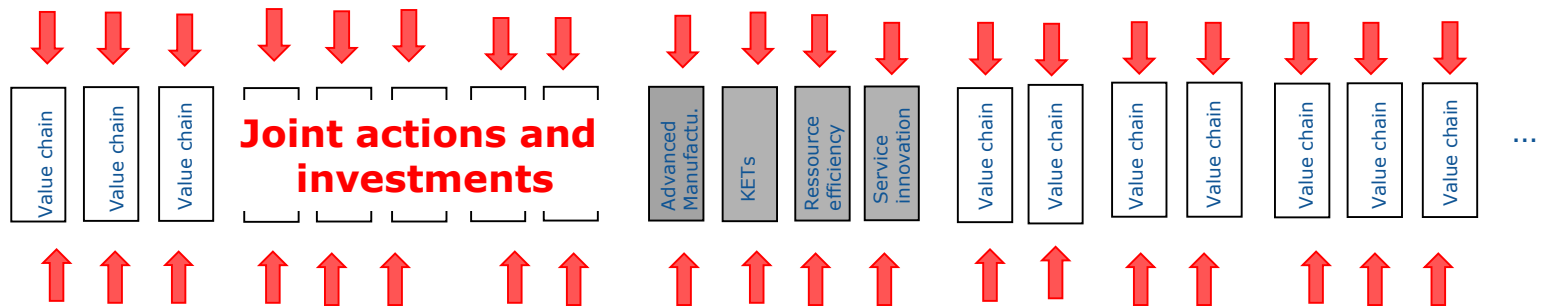
Launch at High-Level Event of 1-2 June

Thematic Smart Specialisation Platforms

Energy Agro-Food Digital Growth **Industrial Modernisation** (Health) (Circular Economy)

Regional authorities

Business



Cluster organisations

European Strategic Cluster Partnerships for Smart Specialisation Investment

Thematic Smart Specialisation Platforms

Approach: Using smart specialisation strategies to look for complementarities across regions, and upscaling at European level of new economic opportunities

- ✓ Starting from **RIS3 analysis** (S3 Platform; surveys) to identify lead-regions
- ✓ foster opportunities for regions/MS to team up around **value-chains** (COSME and INTERREG Europe could support networking costs)
- ✓ **driven by motivated regions** (political commitment) not by Commission, but selected in perspective of European-level synergies
- ✓ = **entrepreneurial discovery at European level**: inspired by Vanguard Initiative methodology (Learn-Connect-Demonstrate-Commercialise)
- ✓ involving relevant **clusters**, intermediaries and aligning with thematically related EU level initiatives (EIT-KICs, Joint Undertakings, ETPs, EIPs, etc.)
- ✓ Use 'European **Strategic Cluster Partnerships** for Smart Specialisation' (Call DG Grow)
- ✓ support the development of **project investment pipe-lines** and facilitate **access to "real money"** for resulting projects (incl. EFSI, cooperation with EIAH, private investors, coordinating ESIF investments, Horizon2020 ...)

Thematic Smart Specialisation Platforms

Approach: *Use existing networks and upscaling*

What should be new compared to other networks and platforms?

Composition: not only immediate competitors, but potential cooperation partners along **value chains**

Governance: joint initiative of leading DGs and regions that lead-by-example, open to all that **commit**

Objective: not only developing a specific technology / solution or mutual learning or joint strategy development, but a **project pipeline** leading to concrete, coordinated & joint **investments**

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- ✓ *Grow)*
- ✓ *support the development of **project investment pipe-lines** and facilitate **access to "real money"** for resulting projects (incl. EFSI, cooperation with EIAH, private investors, coordinating ESIF investments, Horizon2020 ...)*

VANGUARD INITIATIVE

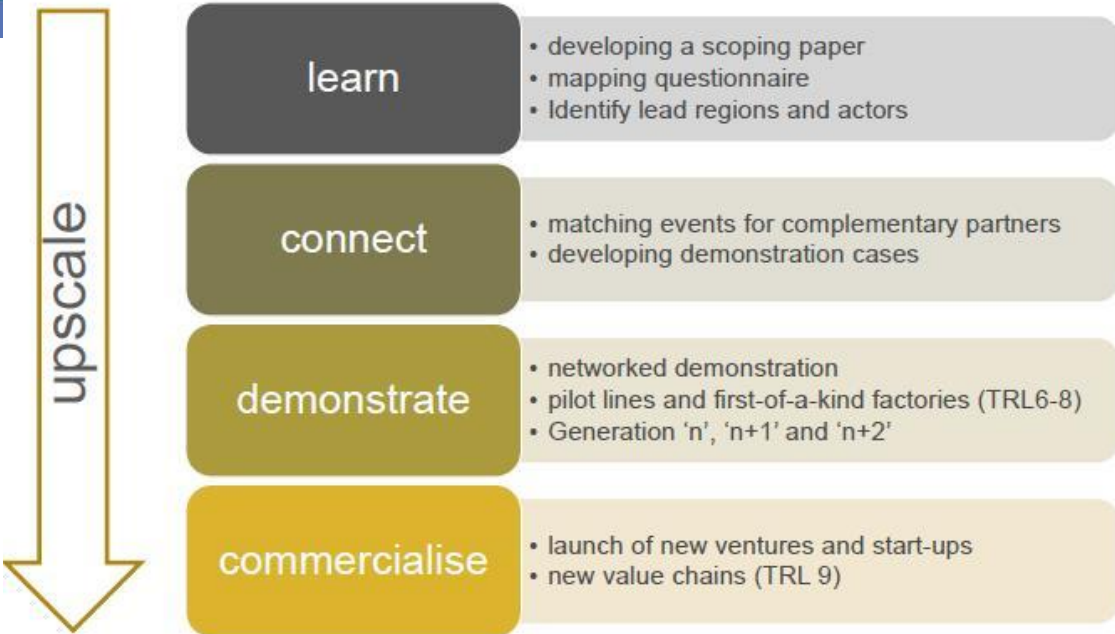
NEW GROWTH THROUGH SMART SPECIALISATION

A successful Matchmaking Event on 25 February!

- Ambitions
- Partners
- Pilot Initiatives
- Activities
- Contacts



VI focus is on catalysing joint investments in product-driven demonstration pilots (specific applications, products or processes)





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 Value Chains
- Energy Transition
- ...

Session 4: Investment challenges

2 June 2016, THURSDAY

Report and conclusions from day 1

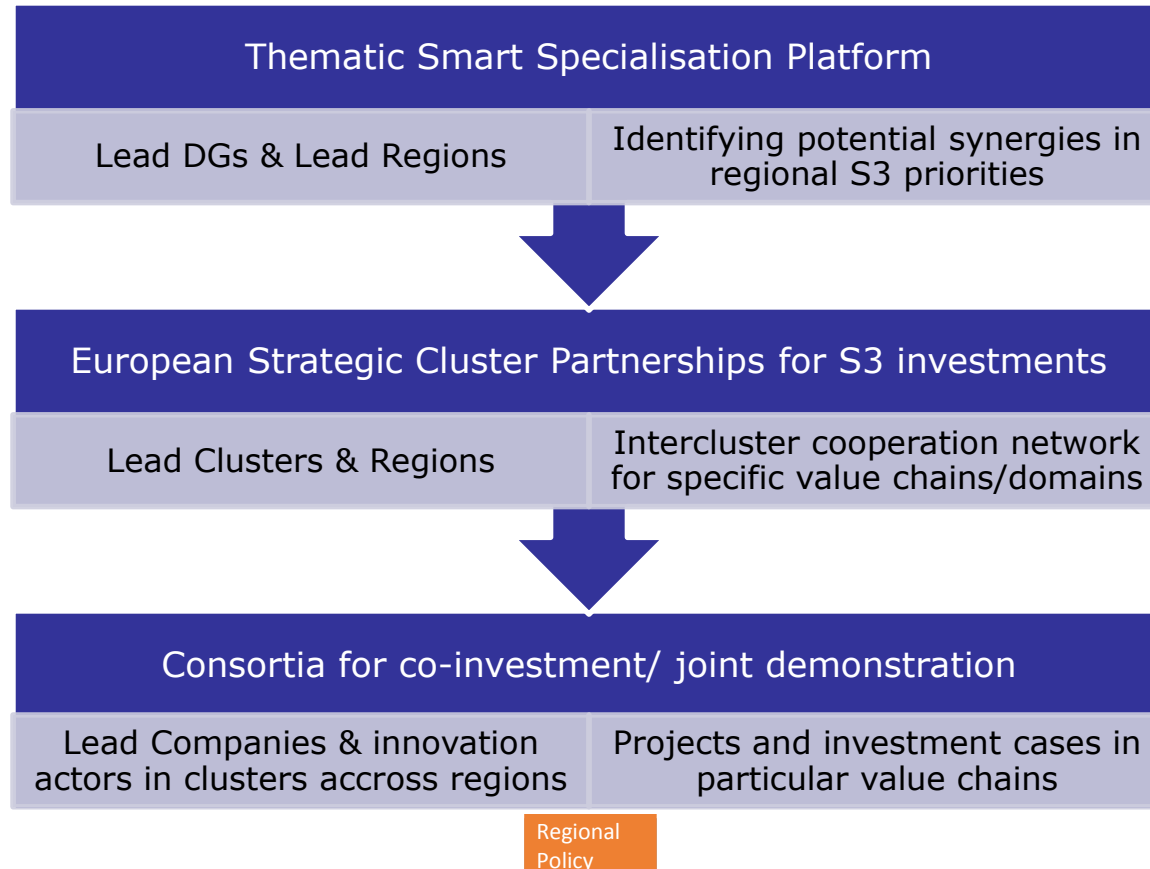
Session 5: Align objectives for economic transformation (Stakeholders)

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

Continuous exhibition and networking



Three steps in the EU-level 'entrepreneurial discovery process'



Next Steps for interregional cooperation



European
Commission

- Successful workshop 9 March
- Identification of sub-themes and committed regions
 - Joint Demonstration**
 - Upscaling**
- Call 'European Strategic Cluster Partnerships for smart specialisation'
 - Value Chains**
- High-Level Event: Lead-regions stepping forward to drive smart demo
 - S3= use complementarities**
 - Investment pipeline**
- Scaling-up methodology to co-create new leading European value chains – co-investments
- Action Plans to develop and support portfolio of quality projects

Conclusions



- Clear political commitment to the realisation of the Energy Union on the ground with the support of Cohesion policy
- Energy – also key area of interest in the national/regional smart specialisation strategies
- Development and implementation of high-quality sustainable energy projects - crucial for success
- Thematic smart specialisation platform crucial for mobilising and up-scaling the activities at regional level for EU-wide benefits

Thank you for your attention!

