

LEARNING LAB



3-4 JULY 2019
Budapest, Hungary

Supporting the effective uptake of Cohesion Policy funds in energy

S3 as a tool to enhance innovation capabilities in EU13



#S3PEnergy

#SmartSpecialisation



European
Commission

Addressing Innovation Gap in Europe: Cohesion Policy, Smart Specialisation and Synergies

***Learning Lab: Supporting the Effective Uptake of Cohesion Policy
Funds in Energy***

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European Commission JRC.B3 Territorial Development

Stairway to Excellence (S2E)

<http://s3platform.jrc.ec.europa.eu/stairway-to-excellence>

Budapest, 3-4 July 2019

JRC.B3 Territorial Development: S3 activities

Thematic Platforms

Agri-Food

Energy

Industrial
Modernisation

About our
methodology

Guidance

Design

Implementation

Additional Guidelines

Targeted Support

RIS3 in lagging
regions

RIS3 in REMTh

Digital Growth

Stairway to Excellence

S3 Cooperation

EU Macro-Regional
Strategies

Other Initiatives

S3 Beyond EU

S3 Worldwide

Communities & A...

Peer Reviews

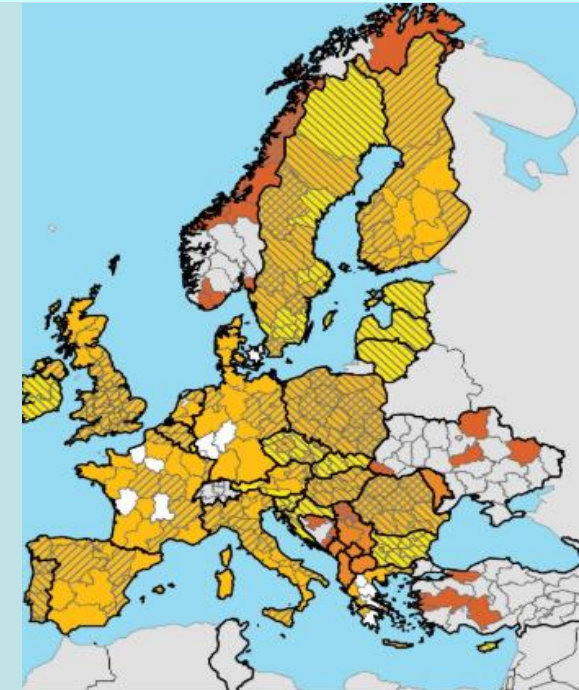
Higher Education
Institutions

Other Actors

Governance

Entrepreneurial
Discovery Process

Monitoring



- EU Countries registered in S3P: 19
- EU Regions registered in S3P: 180
- Non-EU Countries registered in S3P: 7
- Non-EU Regions registered in S3P: 18
- S3P Peer-reviewed Countries: 16
- S3P Peer-reviewed Regions: 75

Targeted support to S3 implementation

Five closely complementary JRC activities

STRIVE - Support to Transitions in Regional InnoVation Eco-systems

RIS3 Support
to Lagging
Regions

RIS3 Support
to Romania

Higher
Education +VET
in Smart
Specialisation

Coal and
industrial
transition
regions

Stairway to
Excellence

European
Parliament
DG REGIO

European
Parliament
DG REGIO

DG EAC
DG EMPL

DG ENER
DG REGIO

European
Parliament
DG REGIO

2016 - 2020

2016 - 2019

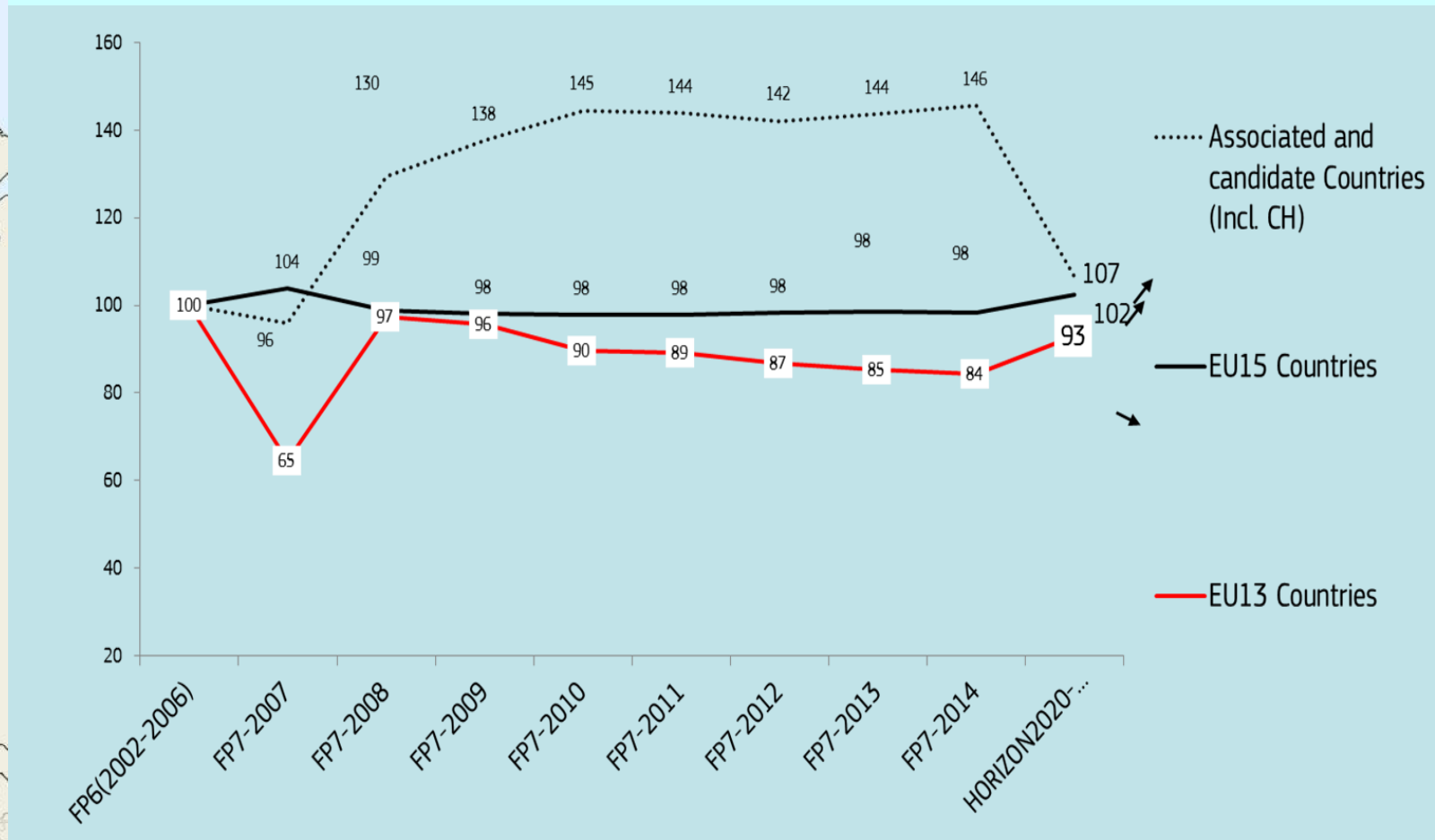
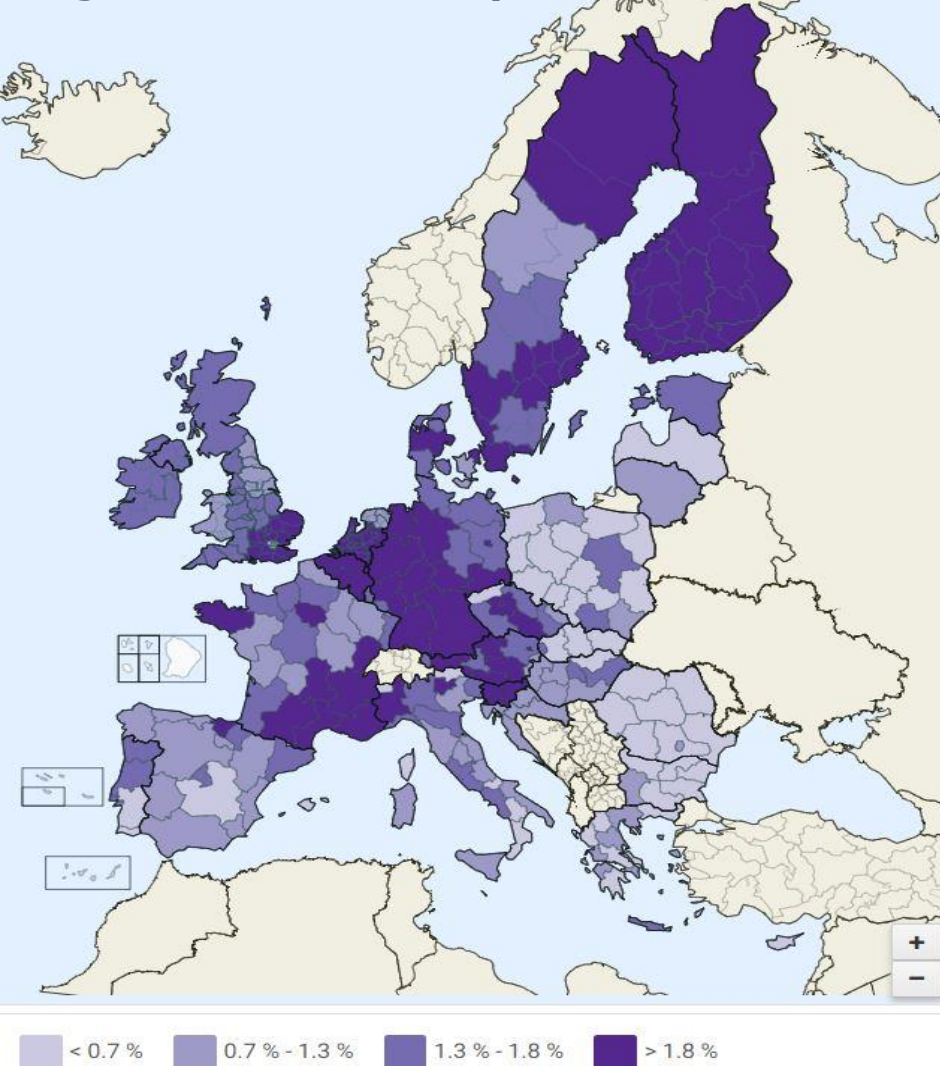
HESS3 - 2018-20

2018+

S2E-4 2018-20

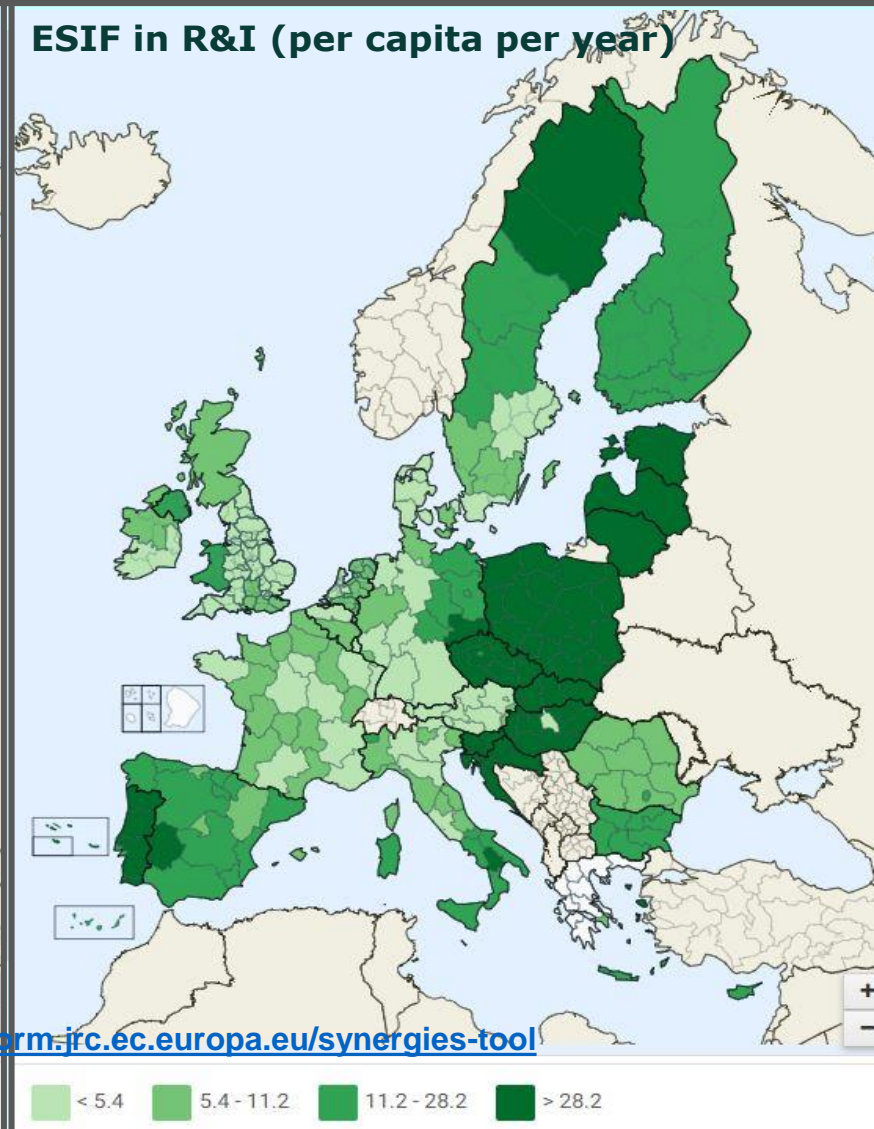
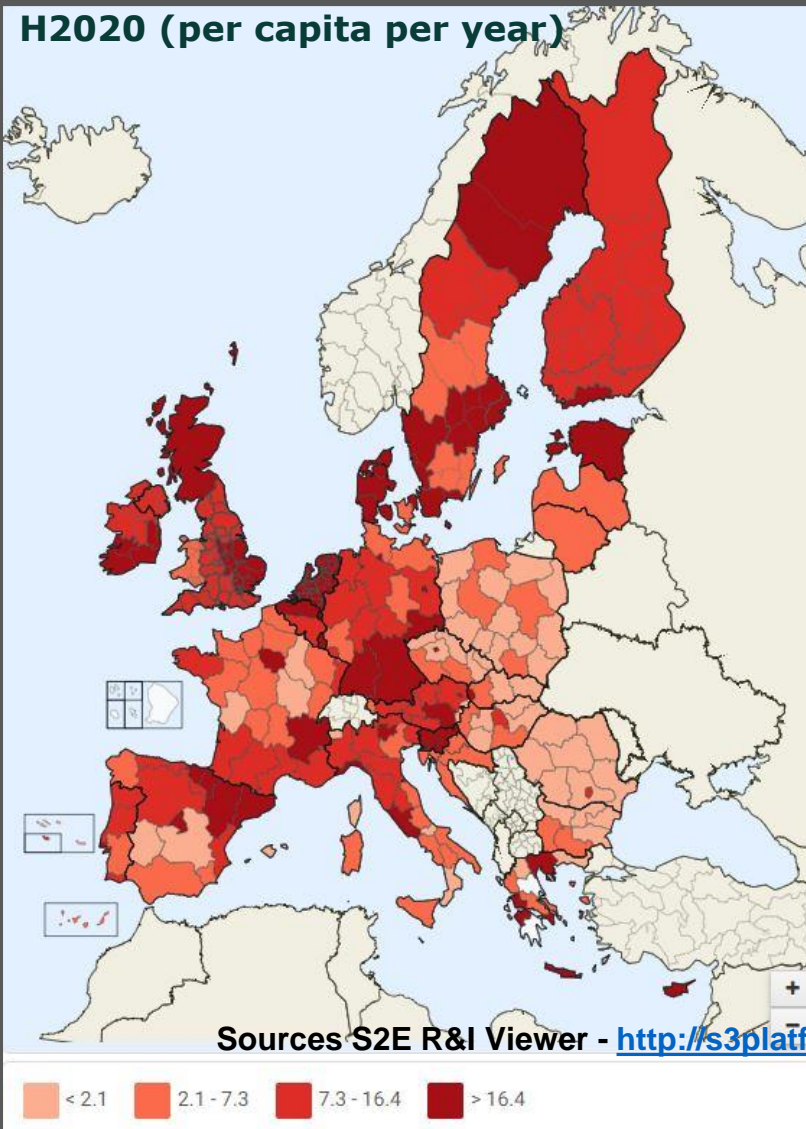
Rationale: Innovation gap in EU

Regional R&D Intensity as a % of GDP






Evolution of the Share of EU FP Contribution Received

Addressing the innovation gap



RIS3 approach

-  **SMART**
Identify the region's own strengths and comparative assets
-  **SPECIALISED**
Prioritise research and innovation investment in competitive area
-  **STRATEGIC**
Define a shared vision for regional innovation

ANALYSIS: discovery of the socio-economic and R&I engines of regional growth

PROCESS: governance, stakeholder involvement, institutional setting.

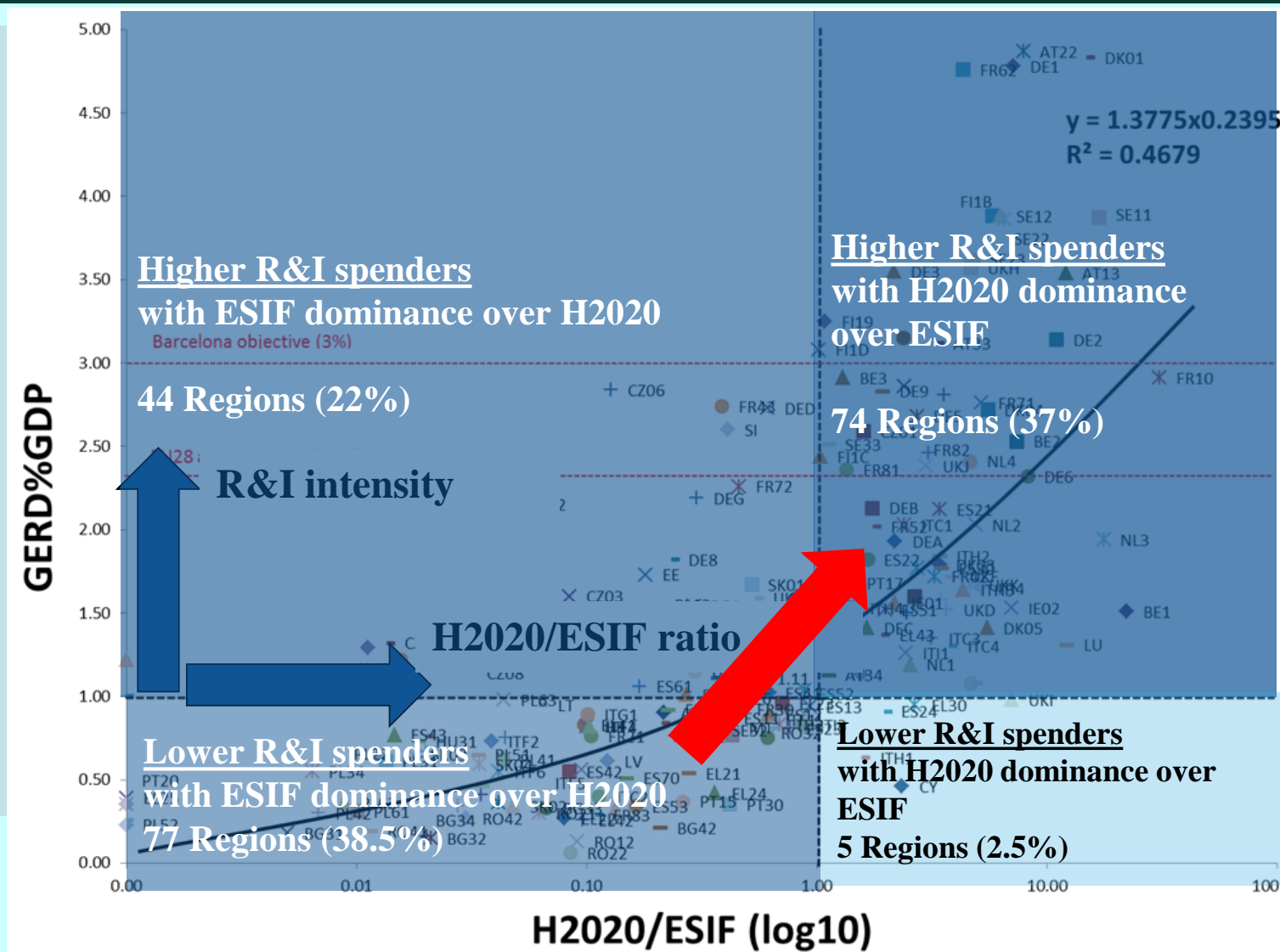
VISION/OBJECTIVES: common shared goals.

PRIORITIES: activities/projects/actions to focus on.

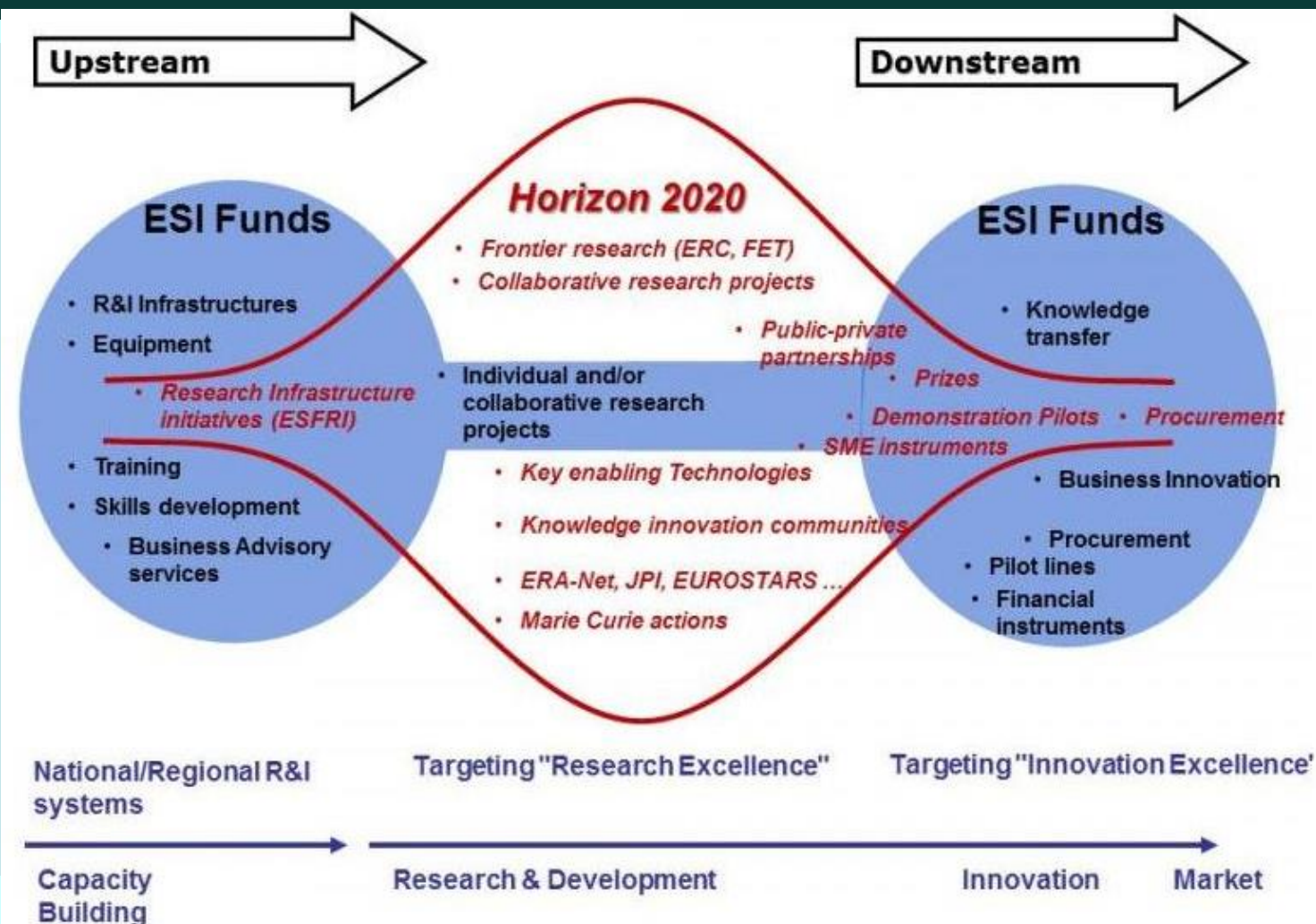
POLICY MIX: policy instruments and interactions.

MONITORING: for selection & assessment processes.

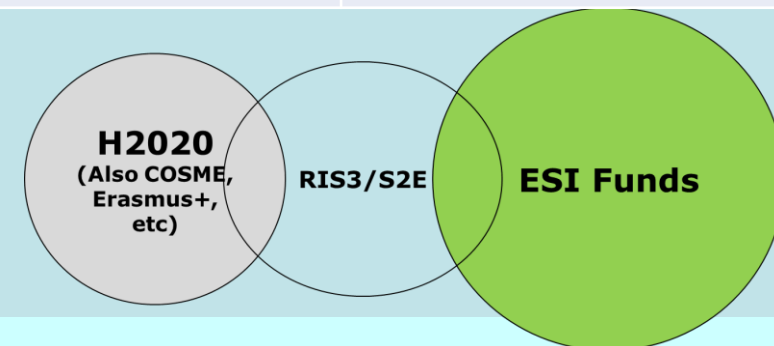
Mapping EU regions in terms of H2020 & ESIF (1)



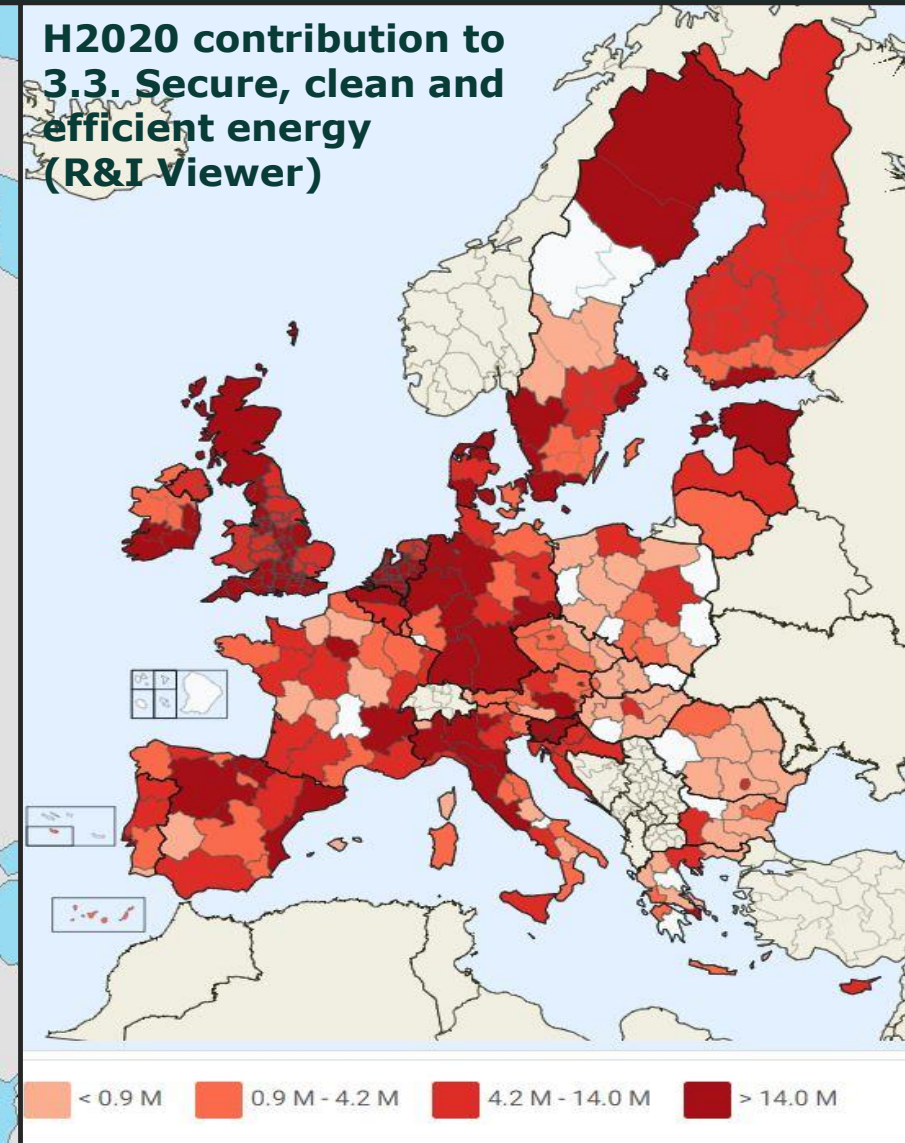
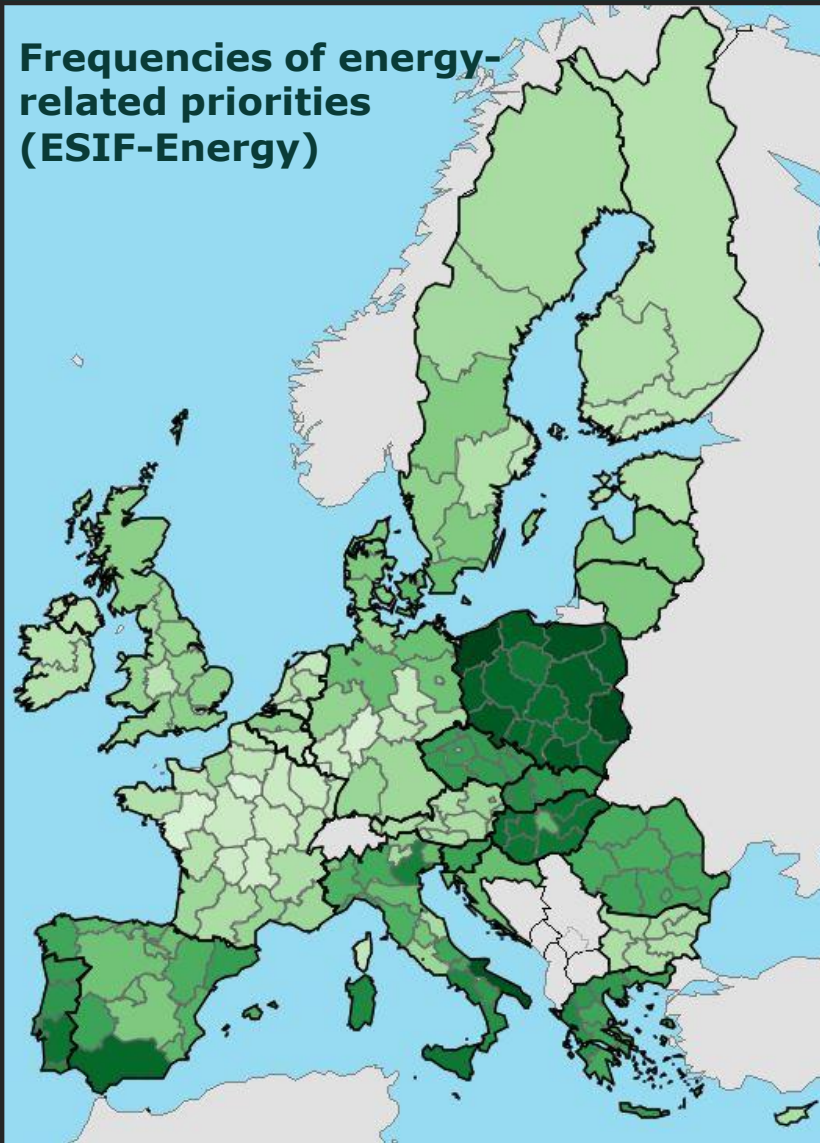
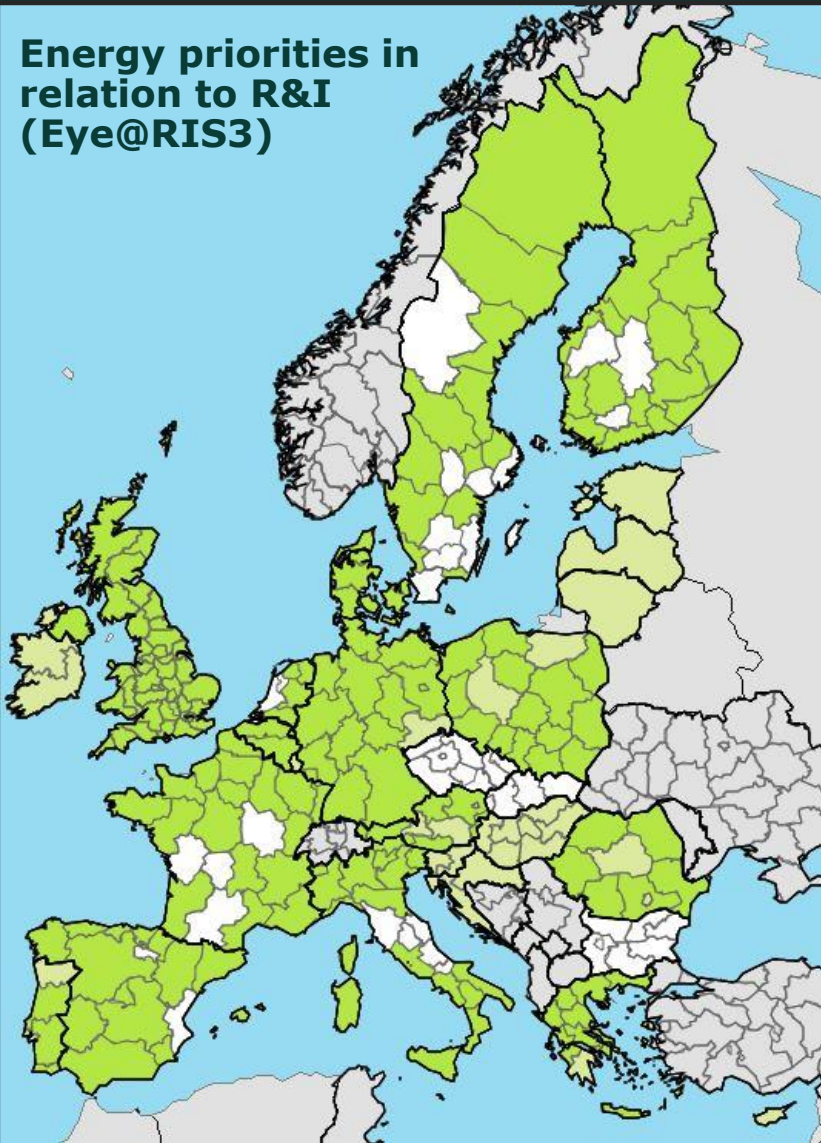
Synergies: Rationale & Concepts



H2020	ESIF
International consortia (non-territorial)	Single beneficiaries (place-based)
Competition for funds	Pre-allocated
Centralised management	Co-managed with MSs
Annually adjusted WPs	7-year-OP
Research excellence (with individual R&I projects)	Socio-economic development (focusing on R&I capacities)
Not counted for EU State Aid purposes	Counted for EU State Aid purposes



Snapshot for energy: RIS3, ESIF-Energy & H2020



Issues, barriers and policy recommendations for synergies

Quality of Governance

- Instability of governance system
- A long-term strategic plan with a shared vision
- Coordination and communication between main actors
- Accessing the necessary information on a timely manner
- Administrative burden and complicated procedures

Capacity Building

- Lack of capacity (infrastructure, HRs, etc.) for excellent research
- Human capital, incl. researchers and administrative support
- Networking capacities
- Active interaction between academia and business
- Brain drain & Salary differences for researchers

Research & Innovation

- Continuous and sustainable financing
- Different natures/legal framework of funding sources, as well as state-aid and public procurement procedures
- Lack of competences and experience in international collaboration
- Orientation of HEIs and PROs, as well as business-academy collaboration
- Considering ESIF as a guaranteed resource for short-term projects

Proposed policy actions

Quality of Governance

- Better coordinate the current info channels between key stakeholders
- Exploit opportunities provided by EDP
- Independent coordination body
- Learn from good practices & Train key staff

Capacity Building

- Map existing research facilities
- Facilitate accessing to public infrastructure
- Track brain-drain and develop motivational mechanisms for researchers
- Measures to mitigate the researchers remuneration gap

Research & Innovation

- Impact-base evaluation & long-term monitoring for sustainable ecosystem
- Effective public funds and incentives for researchers and SMEs
- Efficient state-aid & Public procurement
- Priority to market-oriented R&I activities
- Align RIS3 and research in where comparative advantages exist



Need for a coordinated approach beyond 2020

Cohesion policy maintains/enhances:

Smarter/Greener/Connected/Social/Closer to Citizens

- *Reinforced smart specialisation*
- *More tailored approach to regions*
- *Locally-driven development*
- *More support for innovative companies and market-creating innovations*
- *More support to interdisciplinary and cross-sectors investments*

Need for structured collaboration

- *Knowledge transfer between key stakeholders*
- *Common working culture (participation in EDP)*
- *RIS3 as a coordination tool*
- *Synergies (not only funding but in a broader scope)*

Facilitating mechanisms

- *Single rule-book & Simplification*
- *Extended widening/excellence*
- *Engaged EU instruments/bodies*
- *Budget flexibility (5% reallocation)*

Post 2020: Mission-oriented R&I and Place-based approach

Horizon Europe: Why we need mission-oriented R&I?

- Addressing societal challenges
- Innovation-led growth for sustainability
- Cross-sectoral solutions
- Investments for common future
- Clearer directions and strategic intelligence
- Broader involvement of stakeholders
- *No "one size fits all"*

Smart Specialisation 2.0: Why we need place-based approach?

- Addressing innovation gap
- Exploiting local potentials
- Cooperation in innovation across territories
- Involvement of local stakeholders in investment policies
- Tailor support to localities
- Europe-wide coherent policy-making
- *No "one size fits all"*

Strategic Intelligence: Thematic Focus, Multi-Level Governance, Interregional Collaboration & Cohesion for All Territories

iTHANK YOU!

Stairway to Excellence (S2E):

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