

The European Commission's science and knowledge service

Joint Research Centre



OPTIMISING THE USE OF H2020 IN IMPLEMENTING RIS3

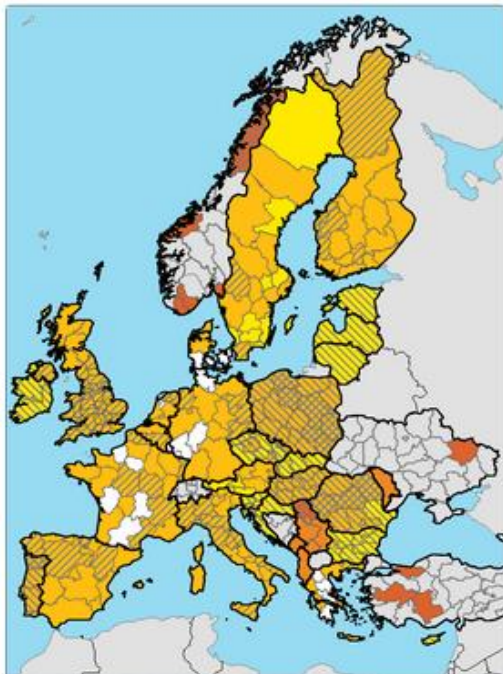
Context, aim, plan for the day

**Karel HAEGEMAN,
JRC.B3 Territorial Development**

Brussels, 15th of February 2018

JRC.B3 Territorial Development

S3 activities



- EU Countries registered in S3P: 18
- EU Regions registered in S3P: 172
- Non-EU Countries registered in S3P: 4
- Non-EU Regions registered in S3P: 10
- S3P Peer-reviewed Countries: 15
- S3P Peer-reviewed Regions: 60

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

Spreading excellence in a RIS3 context

Main issues hampering optimal capturing of H2020 funding

Quality of governance

- Need for more participatory (RIS3) governance
- Administrative, legal and technical issues
- Structural bottlenecks in the R&I ecosystem

Capacity building

- Lack of qualified human resources
- Lack of business sector innovation capabilities and weak innovative entrepreneurship
- Lack of openness, weak integration in EU networks

Innovation

- Weak links between academia/PROs and business
- Limited use of available funding and financing sources for R&I
- Limited use of research infrastructures

Projects in place to address these issues

Build regional capacity - *RIS3 support to Lagging Regions Project (EP funded)*

- Organise participatory governance and monitoring based on entrepreneurial discovery
- Develop Human resources/mobility plans
- Develop & implement long term (RIS3) strategies

Explore different entry points to H2020 - *Stairway to Excellence Project (EP funded)*

- Training Managing Authorities to build capacities for accessing H2020 open calls
- Collaboration between regions and EIT Innovation Communities (Regional Innovation Scheme)
- Collaboration between MSs/regions and Joint Undertakings through MoUs

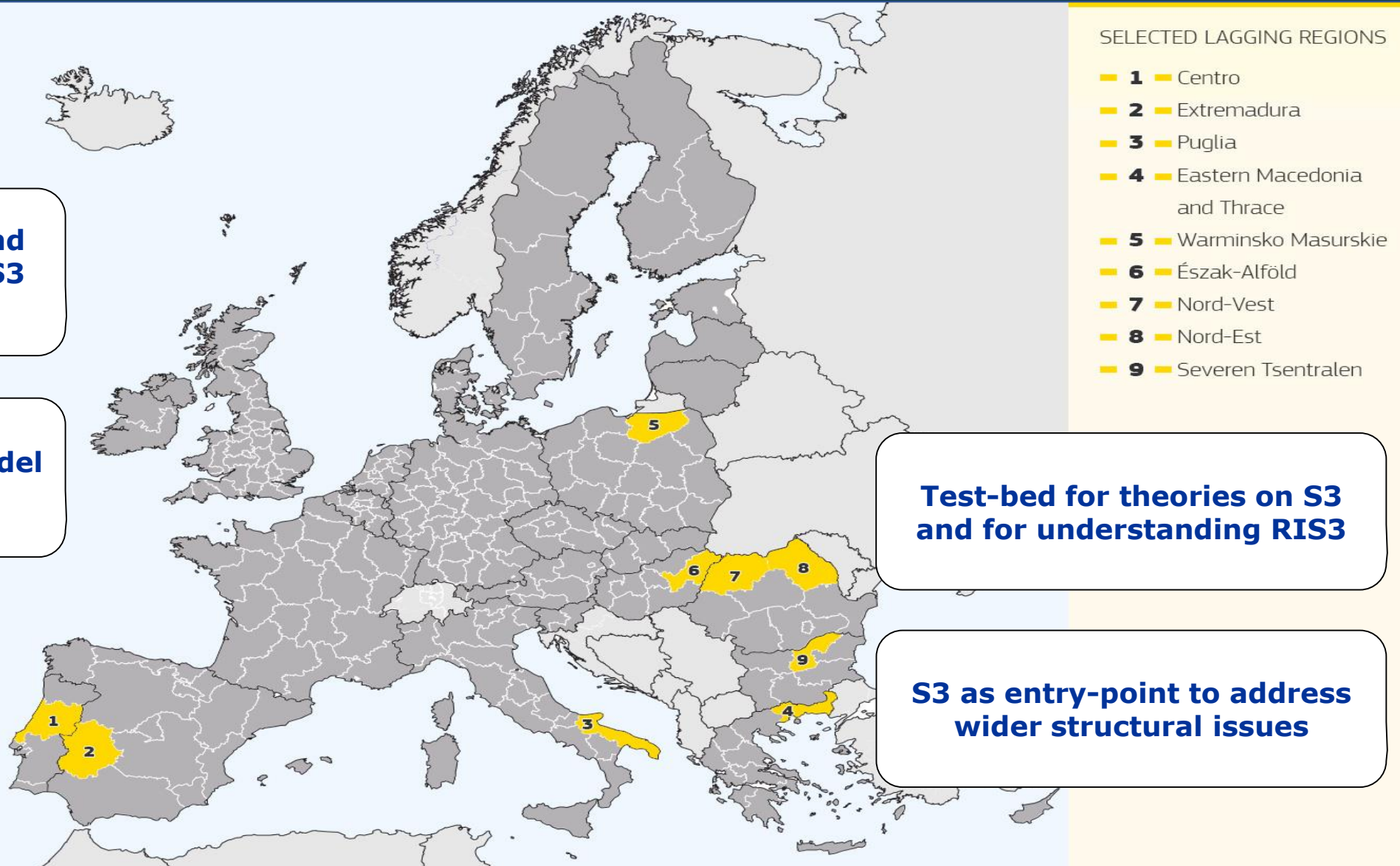
Support to universities - *Higher Education for Smart Specialisation Project*

- Align higher education with regional economy
- Strengthen role of education in RIS3 and regional innovation systems
- Inform EU and national policy-making

Lagging Regions: aims and coverage

Support the refinement and implementation of the RIS3 of selected EU regions

Generate lessons and a model for other regions



Test-bed for theories on S3 and for understanding RIS3

S3 as entry-point to address wider structural issues

Stairway to Excellence I & II (S2E): 2014-2017

Launched in 2014 to support EU13 MSs and regions to develop and exploit synergies between EU funding.

- **Policy Insights** - #1 on "*Lessons Learnt from S2E National Events*" & #2 on "*EU13 Participation in International Science*"
- **National Policy Events & Joint Statements** – main challenges and possible actions in each EU13 MS
- **National and Regional "Facts and Figures" & "Country Reports"** of all EU13 MSs - empirical facts and R&I ecosystems
- **25 Synergy Examples** - cases of combined funding
- **R&I Regional Viewer** - visualise main economic and R&I indicators



S2E III - Closing the innovation gap & helping achieve excellence in EU MS & regions (extended to EU28)

Capacity building for increased H2020 participation

Trainings for MAs and RIS3 teams

- Targetting less developed territories
- Aims to increase H2020 'participation'

International Project Development Labs

- Support international networking
- Explore variety of funding sources
- Thematic S3 platform

Governance of PROs

- Improving quality of PRO governance
- Aims to increase excellence and support innovation

Multi-level governance of synergies

- Transnational working group on multi-level governance
- Collaboration with LAGREG

Testing new scenarios for combining funding sources

Collaboration of MAs and JUs

- Case of cleansky JU
- Match-making with Cleansky JU, FCH JU, BBI JU
- Good practices

Collaboration of MAs and KICs under RIS

- Test phase with EIT Climate
- MoU between JRC and EIT

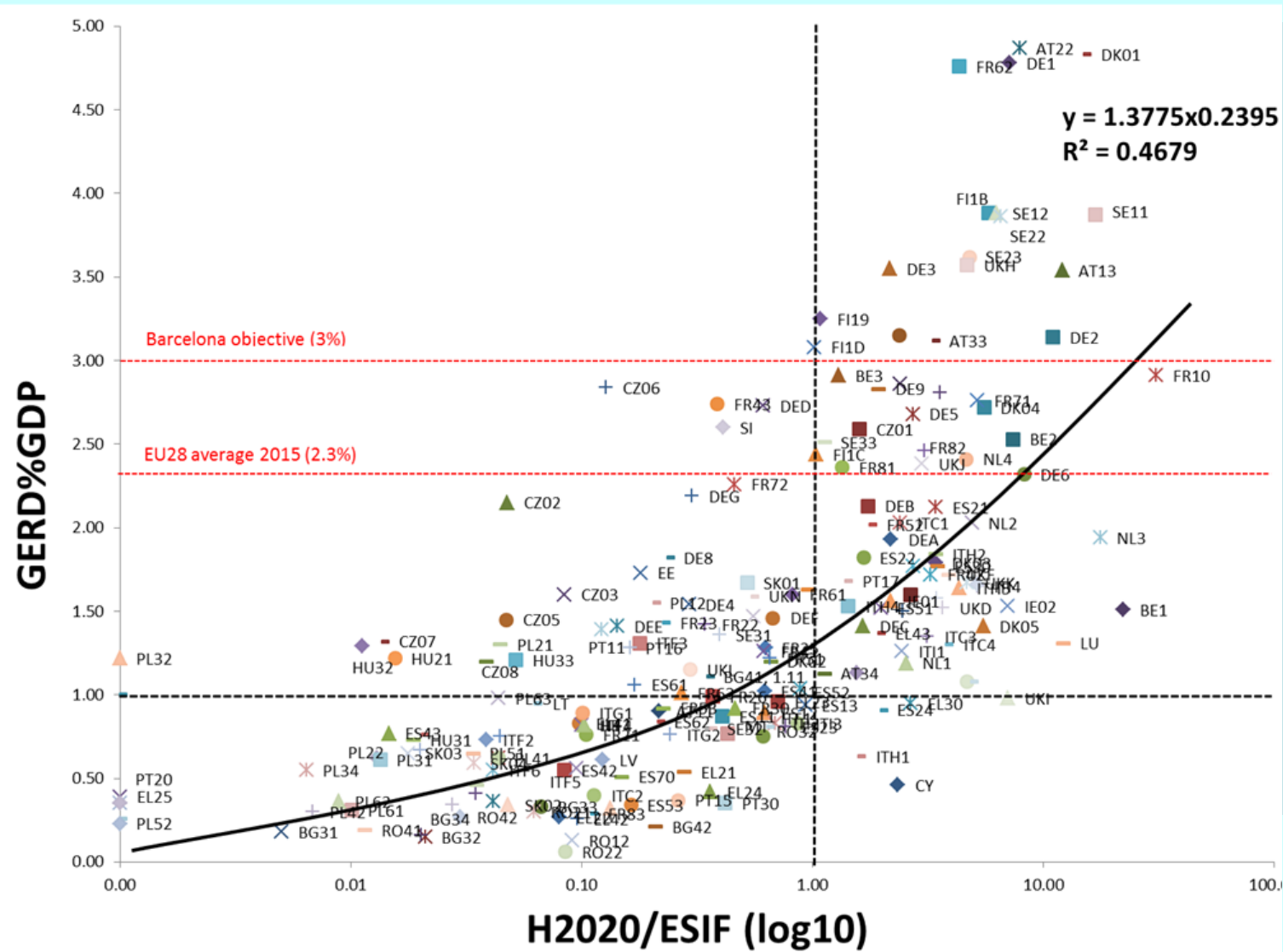
Funding guidance

- Mapping funding and financing in selected areas
- Case of R&I in energy

Explore other synergies

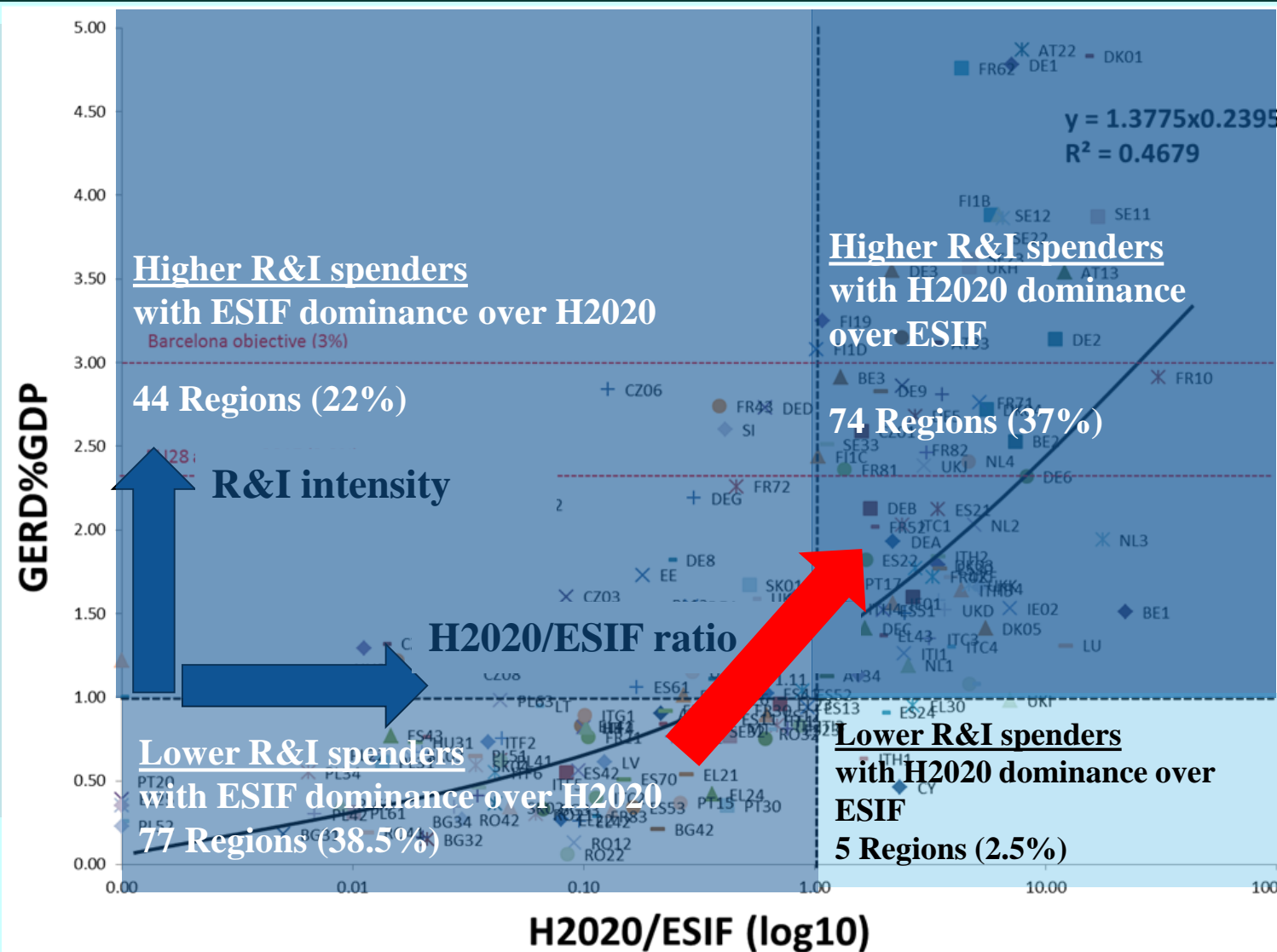
- Synergies among structural funds (EAFRD, ERDF, ESF,...)
- EIB

Funding context: Mapping EU Regions (1)



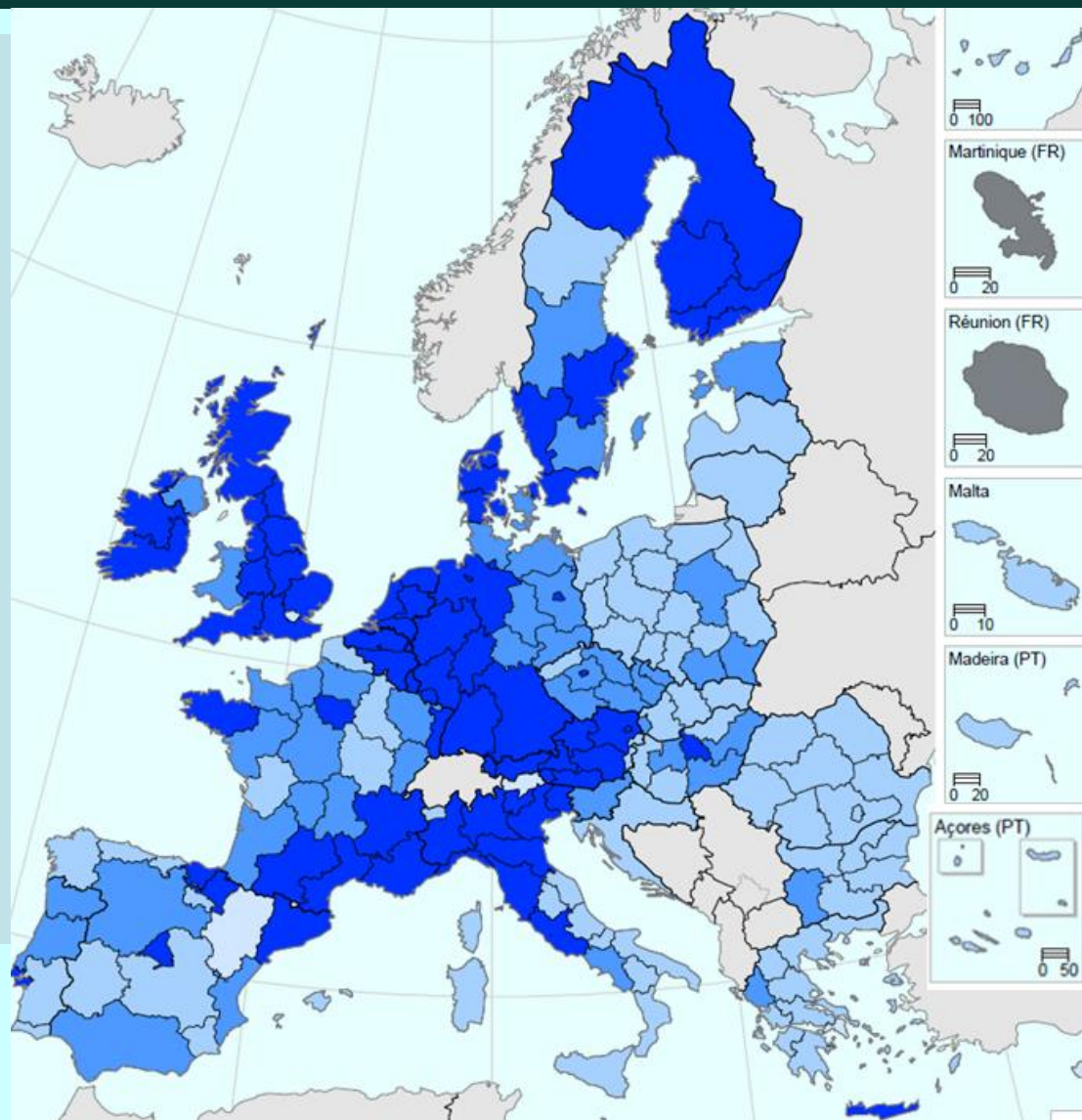
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Funding context: Mapping EU Regions (1)



Funding context: Mapping EU Regions (2)

- Higher R&I intensity and H2020 dominance over ESIF
- Higher R&I intensity and ESIF dominance over H2020
- Lower R&I intensity and ESIF dominance over H2020
- Lower R&I intensity and H2020 dominance over ESIF



Aims to the pilot

- **Target audience of the pilot** – *Regions with low engagement in H2020*
- **Objective of the pilot** – *Explore potential interest and need of ESIF Managing Authorities and RIS3 managing agencies of those regions on a future training targeted to them, aiming to optimise the use of H2020 in implementing RIS3*
- **What can be understood by optimising the use of H2020 in implementing RIS3?** – *Examples: Acquiring a better knowledge about ways for beneficiaries to become a part of the international networks, complementary use of ESIF and H2020 in RIS3 implementation, the uptake of H2020 and FP7 project results to create investments, the use of European R&I agendas to position ERDF support within European value chains, increase regional participation in H2020,...*
- **Pilot 1 (today)** – *Focus on questions related to how to increase the uptake of FP7 and H2020 project results, as well as on improving access to international networks aiming for interregional collaboration projects.*
- **Pilot 2** – *Focus on topics such as synergetic shaping of ESIF calls and H2020, and the design of specific programmes for developing capacities and skills for preparing project proposals*

Expected outcomes

- **For participants**

- *An increased understanding of different ways in which H2020 can be used to support RIS3 implementation and generate investments*
- *Collect practical examples and cases on synergies between ESIF/RIS3 and H2020*
- *Become part of a learning community on optimising the use of H2020*

- **For the organisers**

- *A collection of training needs and a better understanding of the usability of each training topic*
- *Refinement of potential training modules proposed*
- *Collection of additional practical examples under each training topic*
- *Bottlenecks in implementation*
- *Additional ideas,...*