The European Commission's science and knowledge service

Joint Research Centre
'H2020 for RIS3' Working Group

JRC.B3 Territorial Development
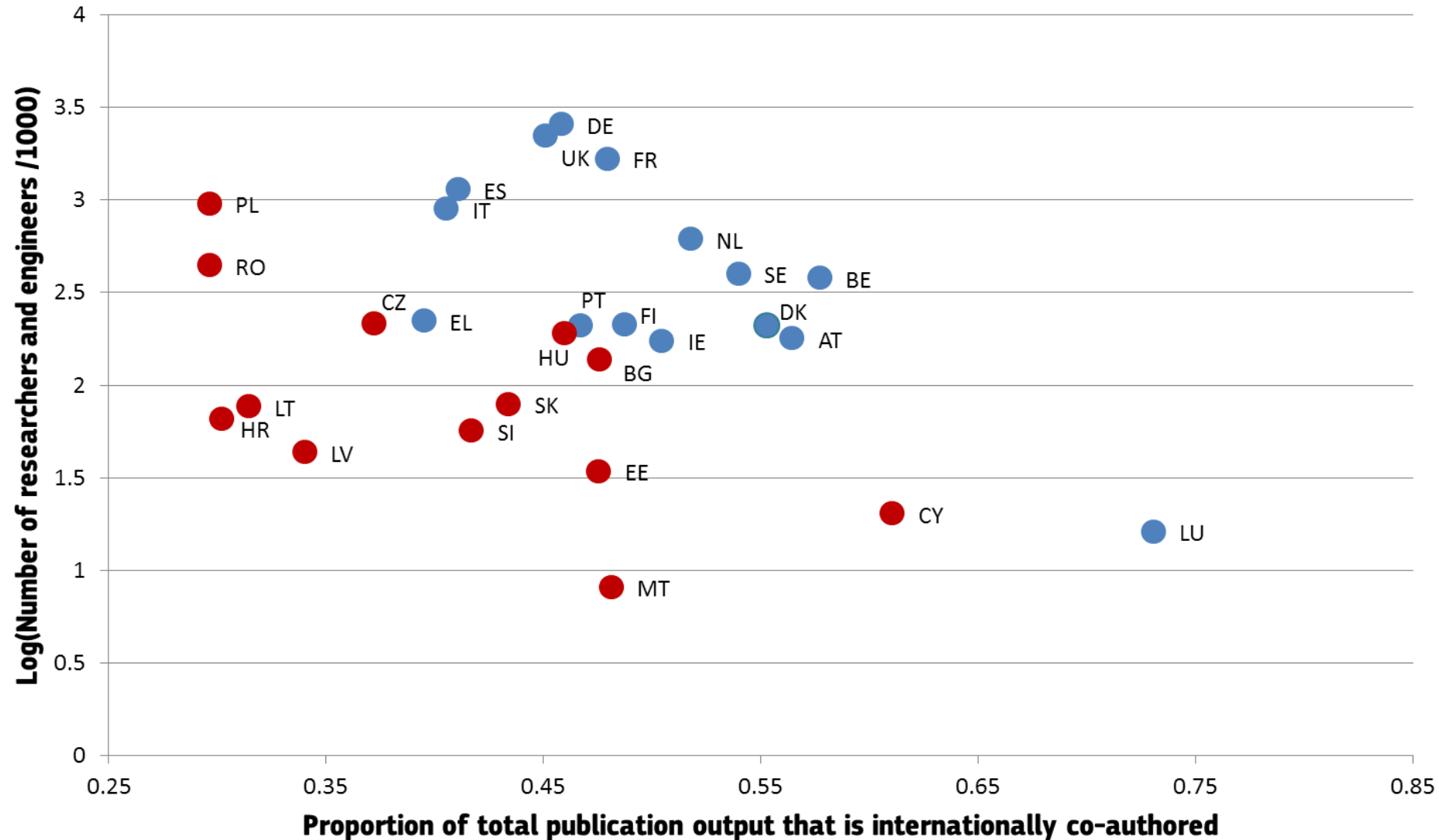Brussels, 13th June 2018

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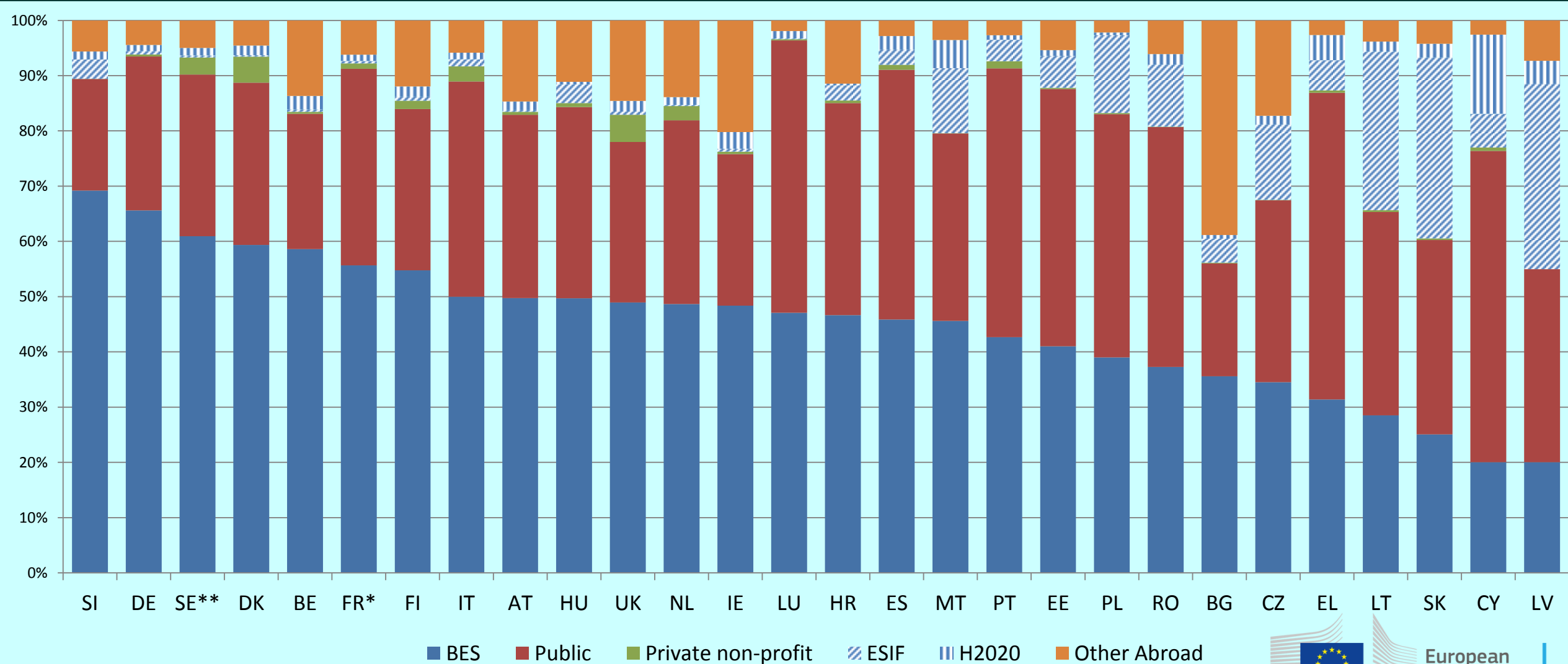- **Questions to consider and future work**

Mobilising ESIF and H2020

- Review of the determinants of participation in the FP and overview of rationales for synergies

- Using ESIF and H2020 data demonstrate extent of mobilisation across EU member states and compare to various research and innovation indicators

- Show within country variation and extent of mobilisation of ESIF and H2020 across EU regions
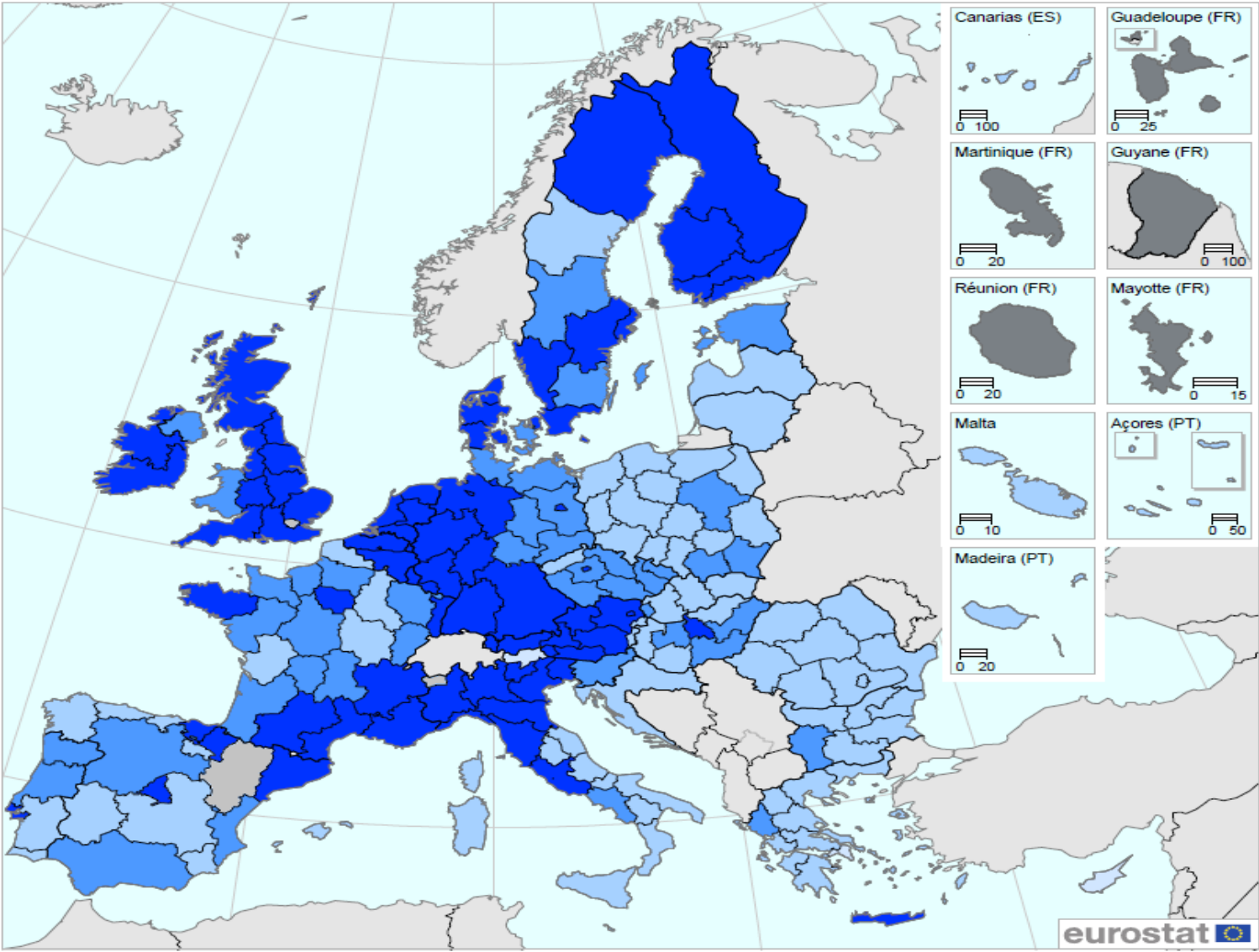
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Mobilising ESIF and H2020 - Level of international engagement

Mobilising ESIF and H2020 - Importance of business in innovation systems

Legend: BES | Public | Private non-profit | ESIF | H2020 | Other Abroad

Countries (x-axis): SI, DE, SE**, DK, BE, FR*, FI, IT, AT, HU, UK, NL, IE, LU, HR, ES, MT, PT, EE, PL, RO, BG, CZ, EL, LT, SK, CY, LV

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Mobilising ESIF and H2020 - Where are regions located

Mobilising ESIF and H2020

Importance of business and international links in innovation system

Large within country variations in uptake of H2020 and ESIF

Target ESIF support to increase international and business – BUT also regional specificities

Funding map - methodological approach identify funding combinations

- Frequent problem identified is the difficulty navigating the funding landscape

- Methodology developed to assist MA to support actors in their region using the Technology Readiness Levels (TRL)

  1. Choose an area to target in order to be as specific as possible

  2. Create an exhaustive list of potential funding sources

  3. Define the internal characteristics of the funding including the cost items covered

  4. Position the funding on a map based on the assignment of TRL
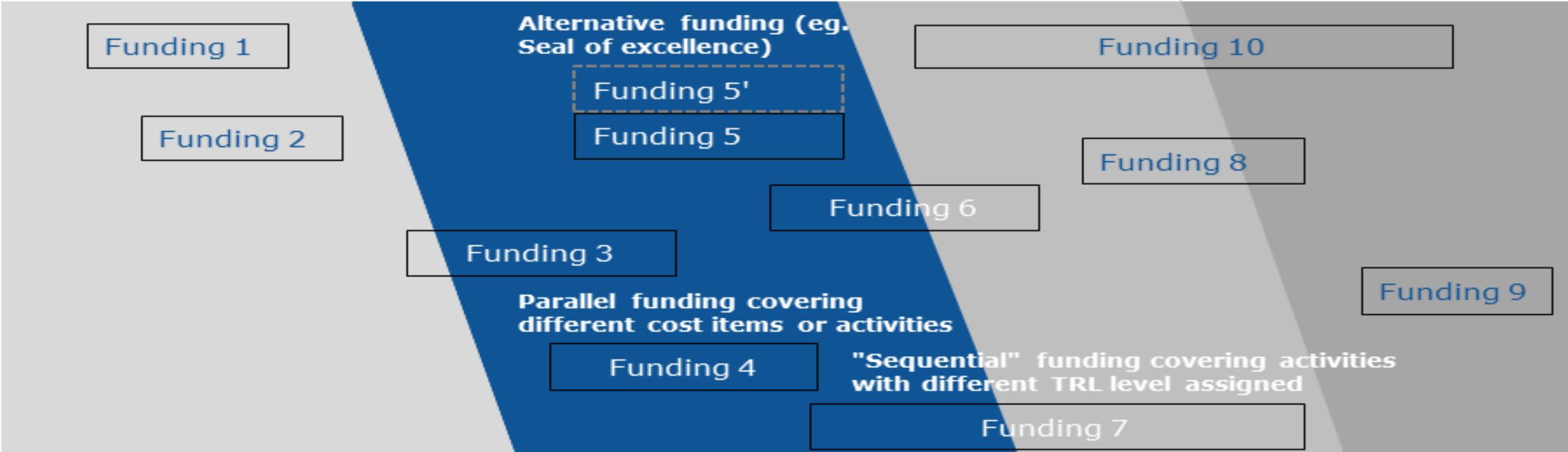
  5. Build funding scenarios
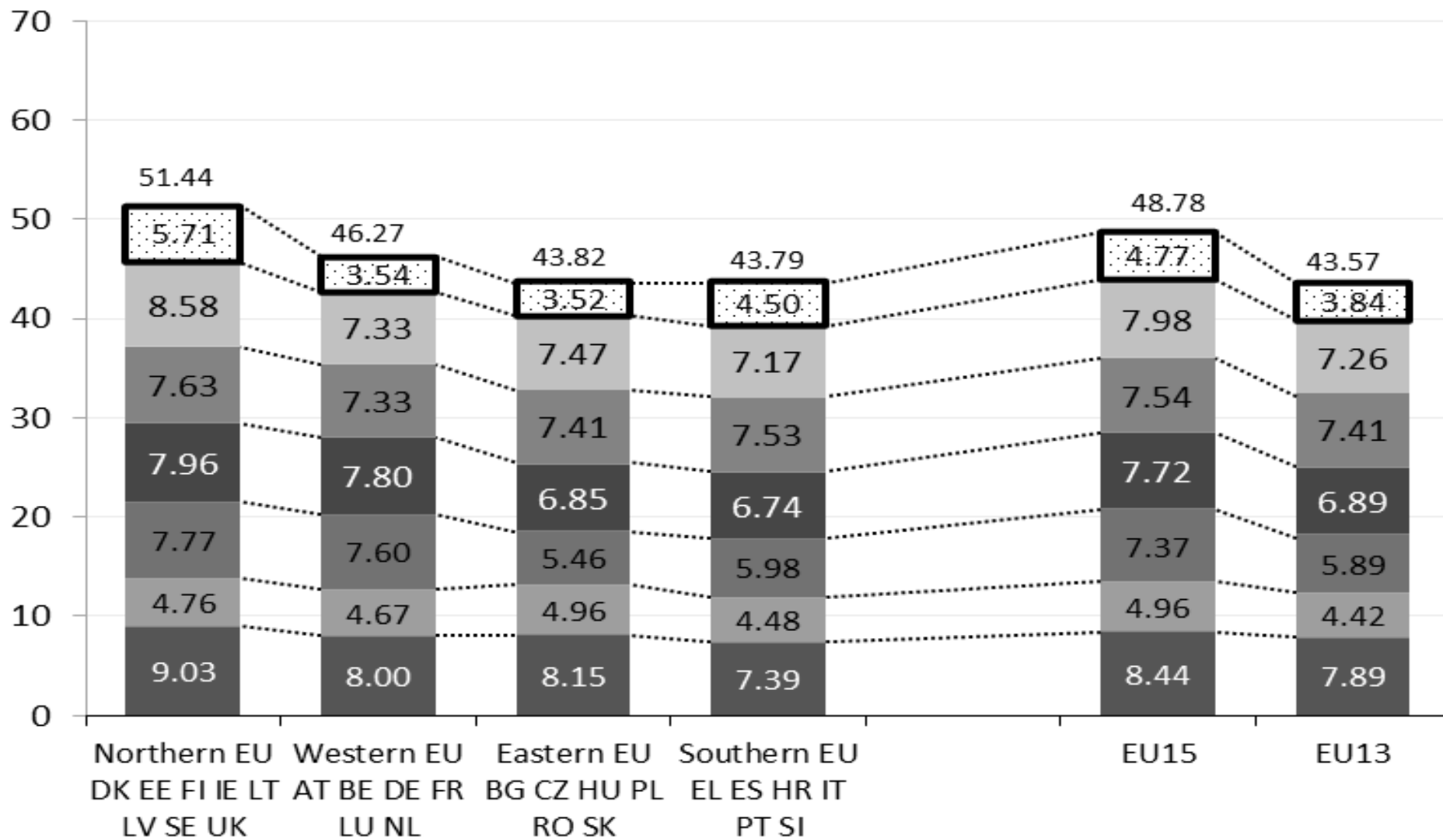
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Funding map - position the funding

Governance of universities and R&I policies (S3)

- Governance of institutions has been highlighted as an important area

- Developed a framework with dimensions of governance

- Framework tested by a survey

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Governance of universities – Dimensions and results

Governance of universities – findings

- Commitment to S3 governance mechanisms is low and not linked to reputation

- Northern and Western European universities demonstrate a better fit to the dimensions of good governance than Southern and Eastern European universities

- Two particularly important dimensions contributing to negative performance are human resources and financial distribution

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Addressing the innovation gap – lessons from S2E

- Based on S2E initial phase from June 2014 to January 2017

- Country Reports on optimal use of R&I funds produced by independent national experts

- National events that brought together relevant stakeholders to discuss issues around combining funds and synergies through the prism of smart specialisation

- Three main dimensions

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Lessons from S2E - dimensions

Governance

- Long-term strategic plan
- Improve coordination and communication
- Collaboration between academia and business
- Simplify procedures

Capacity building

- Infrastructure
- International networking
- Human capital – mobility, brain drain
- Targeted support for FP participation

Innovation and commercialisation

- Continuous and sustainable financing
- Public-private collaboration
- Alignment – calls, state aid procedures

Questions to consider

- In which areas do you think that support is most important?
  - Governance - Multi-level coordination, regulatory issues, policy instruments…
  - Capacity building - infrastructure, human capacity…
  - Networking - international and public/private & learning platforms/tools…
  - Public-private engagement – links between industry and academics…
  - Call design & implementation
- What type of support would you like to receive to address these issues?

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Future work packages with examples of activities (1)

Support reform of national and/or regional R&I system

- Update analysis of bottlenecks
- Monitoring and evaluation tools to measure performance of strategies
- Effective EDP
- Actions needed to improve innovation systems
- Actions to manage industrial transition
- Measure for international collaboration

Capacity building

- Improve skills for managing R&I projects
- Bring together administrations from more and less advanced territories
- Training to design and define programmes/calls with ESIF
- Coordination platforms
- Promote facilitators of synergies
- *Mutual learning on the use of H2020 for RIS3*

Future work packages with examples of activities (2)

Funding synergies and international networks – EU wide networks

- Country focus – Romania and Greece could offer scope – JU collaborations could be appropriate
- Thematic focus – extending the work undertaken on JUs and EIT

Synergies and new scenarios

- Optimal use of RIs
- Targeted studies on role of KETs

Underpinned by analytical support

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