



The European Commission's science and knowledge service

Joint Research Centre

Working Group 'H2020 for RIS3'

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Brussels, 13th June 2018

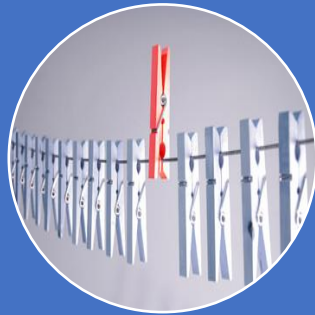
Contents

- **JU background**
- **Rationale for engagement**
- **Collaboration modes by regions**
- **Barriers and challenges**
- **Future actions and interest for piloting**

Joint Undertakings- Background



Industry-
driven



Autonomy
SRA to ease
collaborations



JUs research
agenda as
S3 reference

JUs governance structure

Joint Undertakings- S2E collaboration



Joint Undertakings- S2E collaboration



SMART SPECIALISATION PLATFORM

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← Developing synergies between Joint Undertakings and ESIF for optimising RIS3 implementation

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General Information

Joint Undertakings (JUs) were established for the efficient execution of EU research, technological development and demonstration programmes, as well as setting up, in particular, public-private partnership bodies to integrate industrial research in specific areas. JUs adopt their own research agendas and award funding mainly on the basis of open calls for proposals. The main actors and members of the JUs are typically industry, the European Commission and other bodies (e.g. regional governments). Most of the existing JUs were established under FP7, and will continue beyond 2020, as well as the new JUs set up under H2020, including Bio-based Industries (BI).

Many regions started collaboration with the JUs not only through participation in their FP7 or H2020 calls but also by signing **Memoranda of Understanding**. Most of the regions signing these kinds of agreements have also indicated the specific priority areas in their research and **innovation strategies for smart specialisation (RIS3)** which correspond with the areas of operation of the specific JU (e.g. aerospace, aviation's, fuel cells, energy, bio-economy etc.). In theory such collaborations should bring benefits for the JU and the region. These include:

For the Joint Undertakings:

- Contribution of national and regional programmes to the research agenda of the JUs
- Increasing the critical mass and investment in the topic of the JU
- Increasing the number of partners

For regions and their ESIF managing authorities:

- Access to a European-wide network of excellent partners
- Access to open calls
- Using ESIF in a complementary way to the research agenda of JUs and for building local capacity with the aim of increasing the participation of certain regions in competitive calls
- Focus local investments in areas that fit into international value chains

Venue

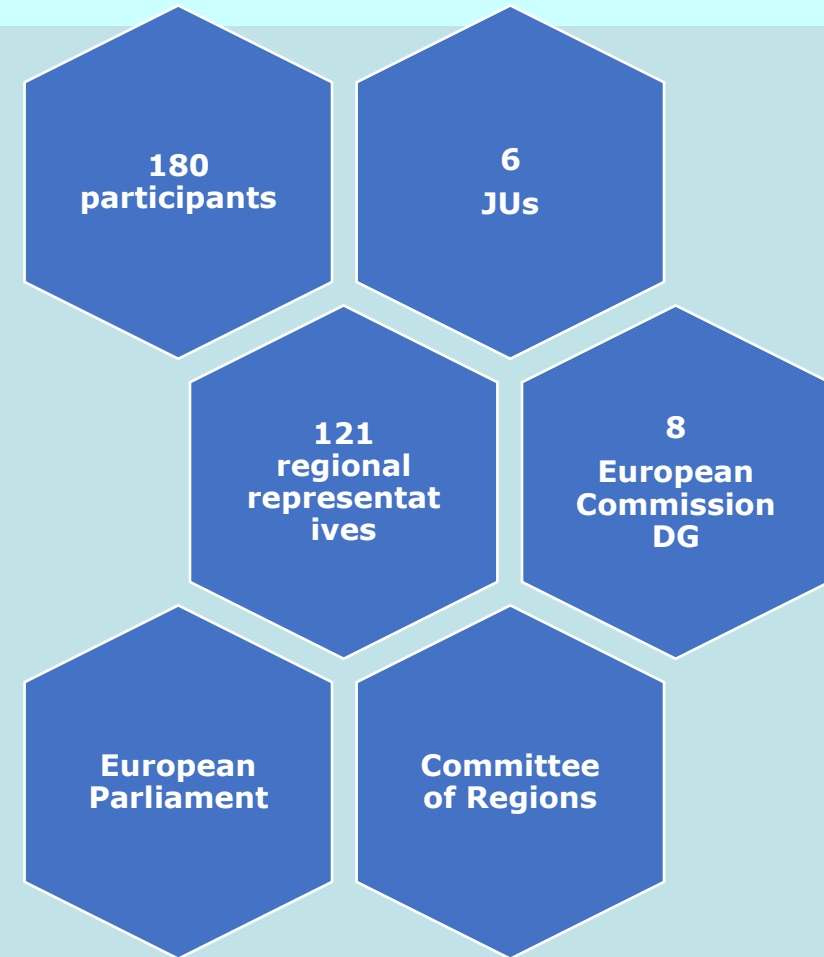
the European Committee of the Regions, Rue Belliard 99-101, Brussels (BE)

Contact information

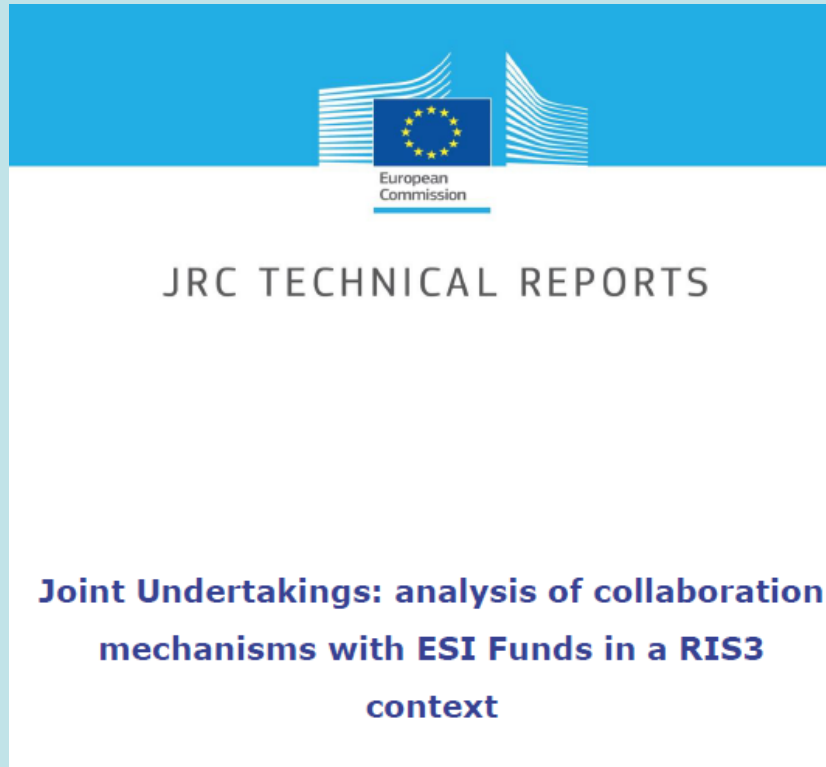
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Registration information

Registration is now closed. For further information please contact JRC-IPTS-S2E@ec.europa.eu



Joint Undertakings- S2E collaboration



Forthcoming

National and regional authorities need to understand collaboration mechanisms

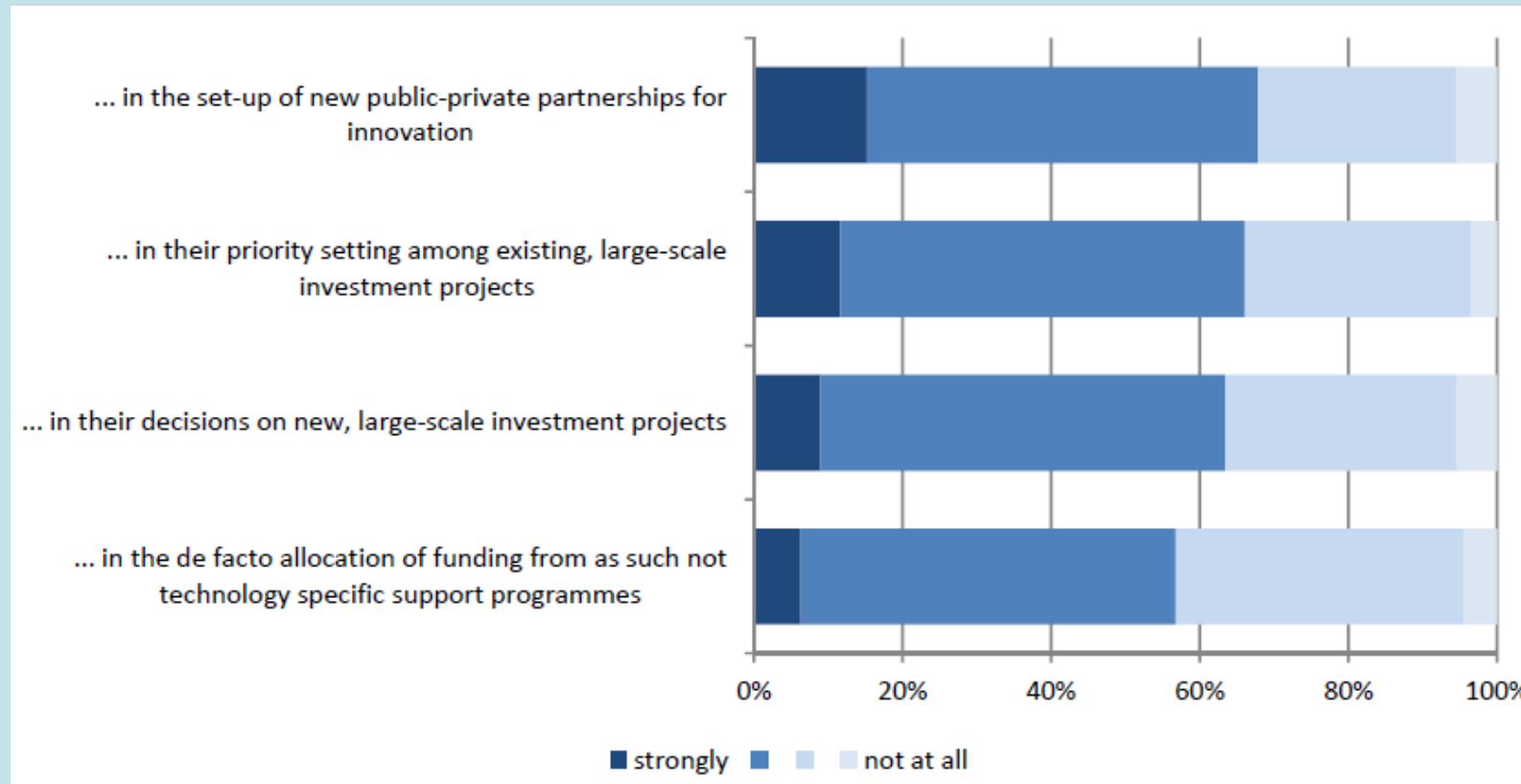
Modes of collaboration differ between JUs

Gap between EU15 and EU13

Mutual Learning Opportunities between JUs

Joint Undertakings- S3 implementation

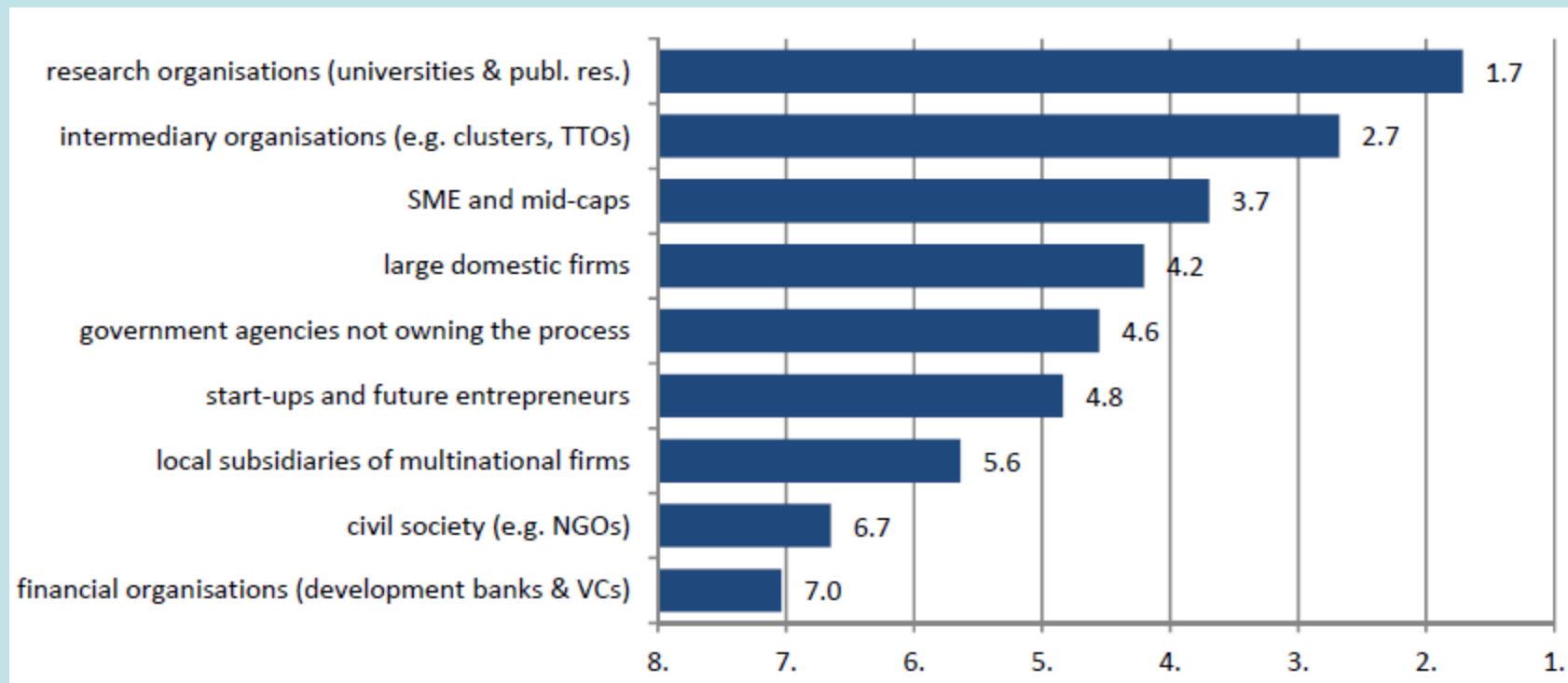
Consideration of RIS3 / EDP Outcome by Policy Makers



Kroll, H. (2016). Policy Brief on Smart Specialisation. Fraunhofer ISI

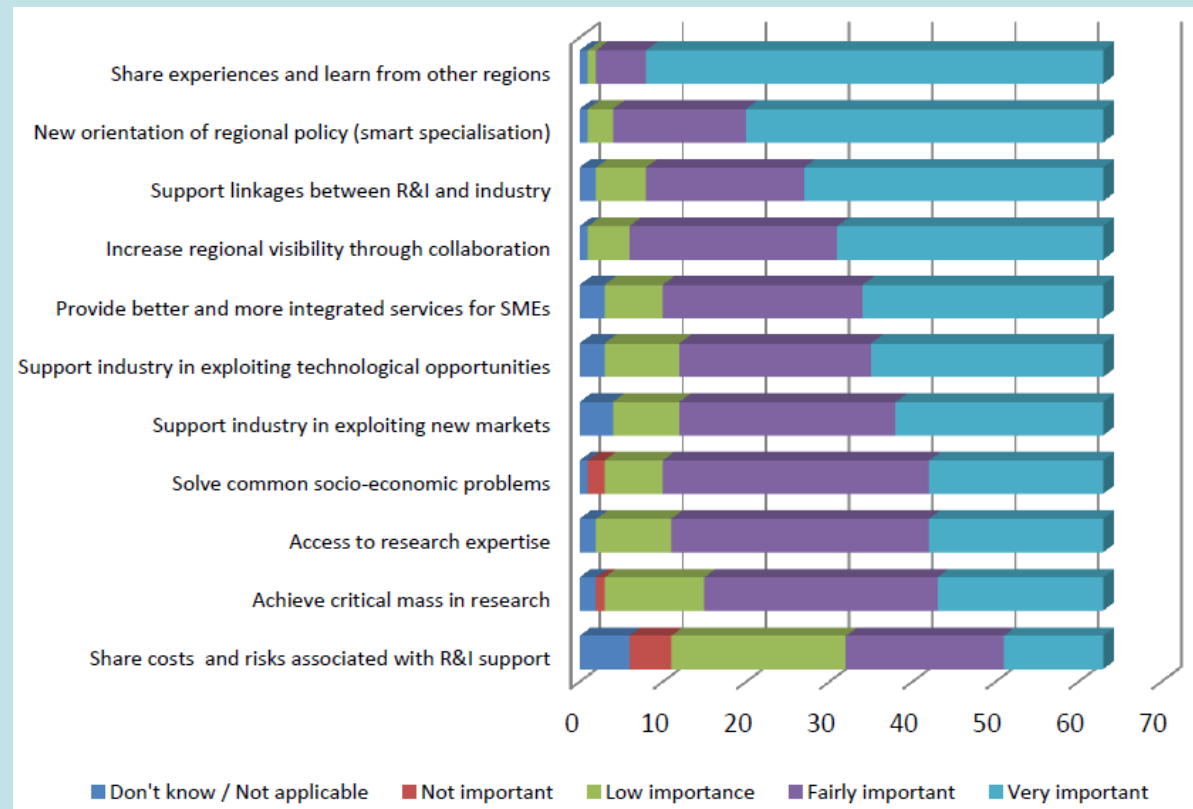
Joint Undertakings- S3 implementation

Stakeholders engaging in EDP by average rank of importance



Joint Undertakings- S3 implementation

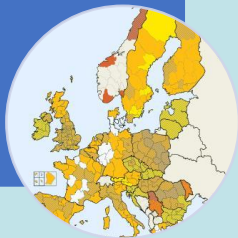
What have been the main factors driving your region to engage in inter-regional R&I policy collaboration?’



Joint Undertakings- Rationale for engagement

- S3 priority setting and increased impact
- Engagement of business sector
- Excellence driven projects

Regional/National Authorities



- Impact of JU funded projects
- Complementary with ESIF
- Connecting with local activities/projects.

JUs

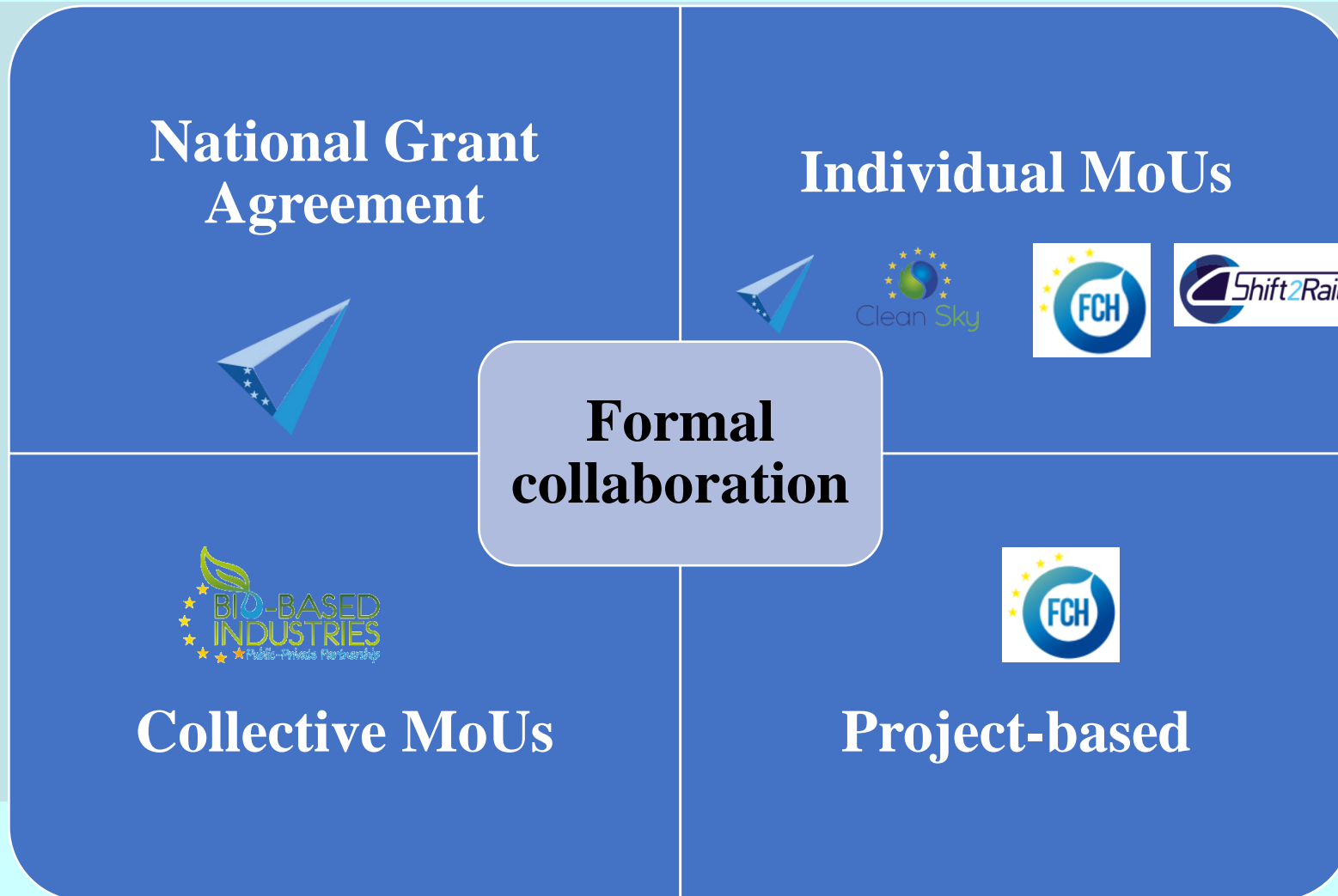


- Concrete example of synergies ESIF and H2020
- Supporting S3 implementation
- Reinforcing R&I systems

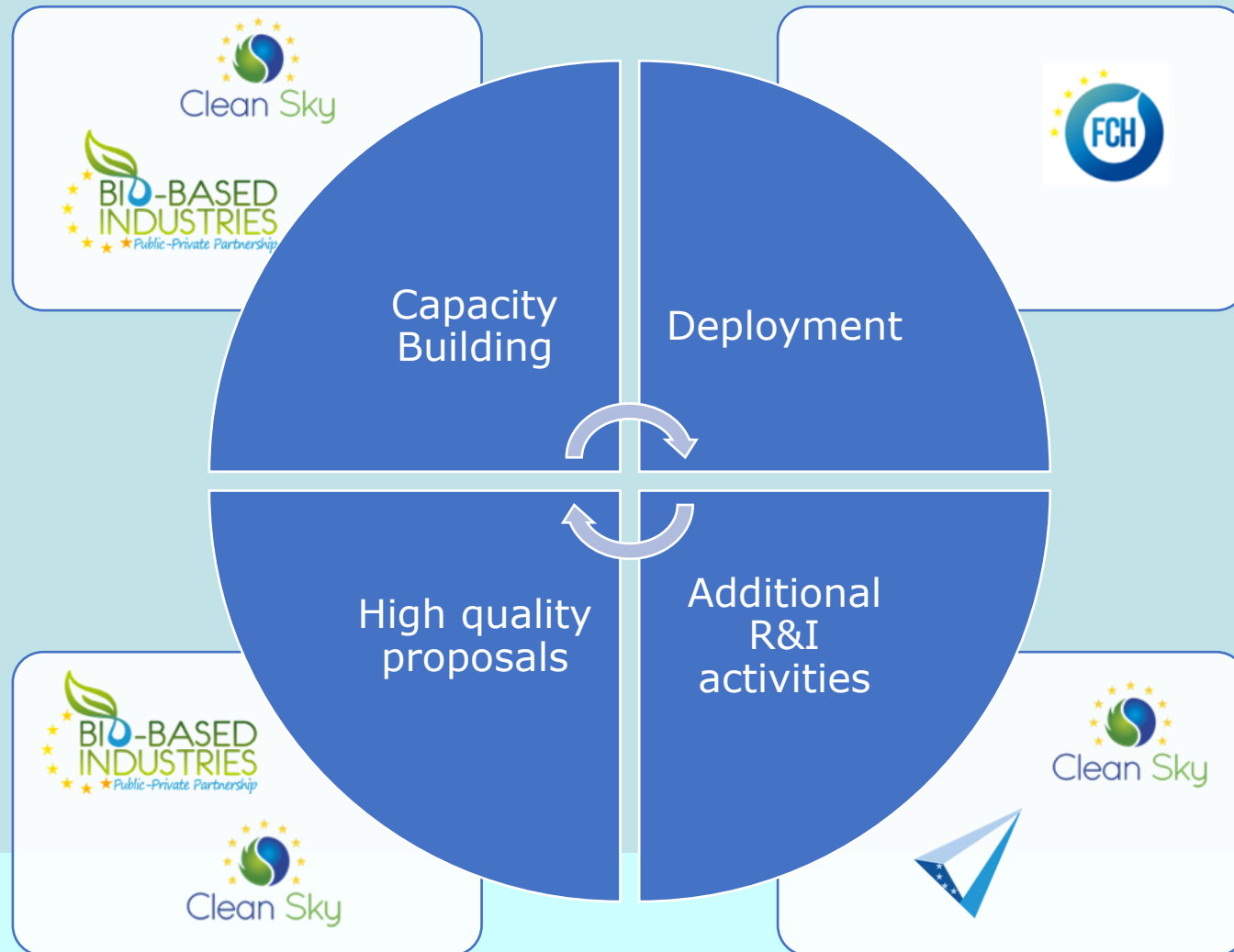
European Commission



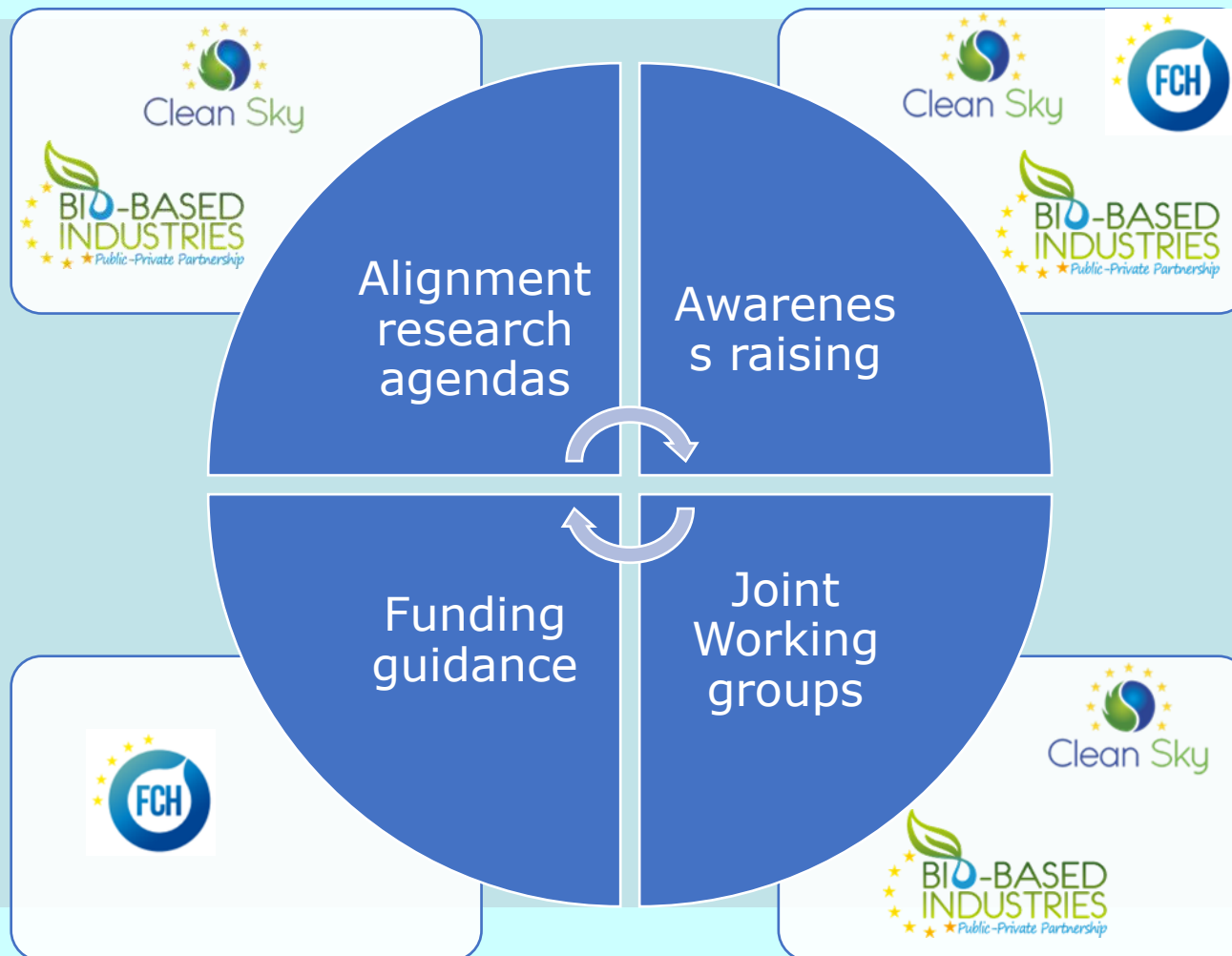
Joint Undertakings- Collaboration modes with regions



Joint Undertakings- Financial collaboration modes



Joint Undertakings- Non-financial collaboration modes



Joint Undertakings- Barriers and challenges



JUs
structure
&
objectives



Rules
&
regulations



Info
&
knowledge
sharing



Diversity
of
instruments



Regional
specificities



Joint Undertakings- Future opportunities



Discussion topics

1

2

3

4

5



Benefits of collaboration
MA- JUs

Main barriers

Critical success factors

Benefit S3 implementation

Testing/ piloting interest