University – Industry – Government collaboration in the context of Smart Specialisation

TRAINING WORKSHOP SERIES

2-3 December 2020

Joint Research Centre

WORKSHOP CALENDAR

Day 1
2nd December

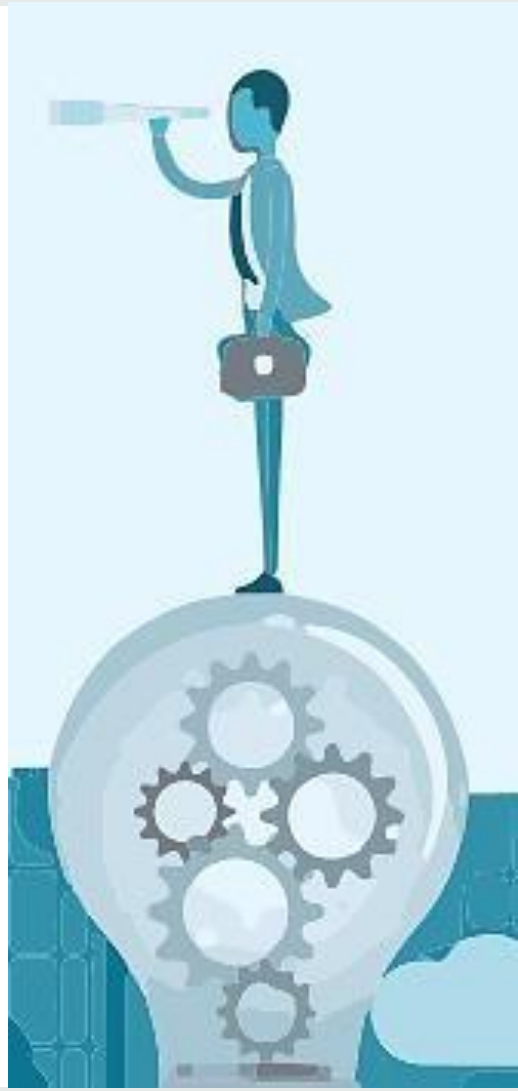
KICK-OFF SESSION
(9:00 – 11:30)

SESSION 1.
University- Industry- Government Cooperation process
(11:30 – 13:30)

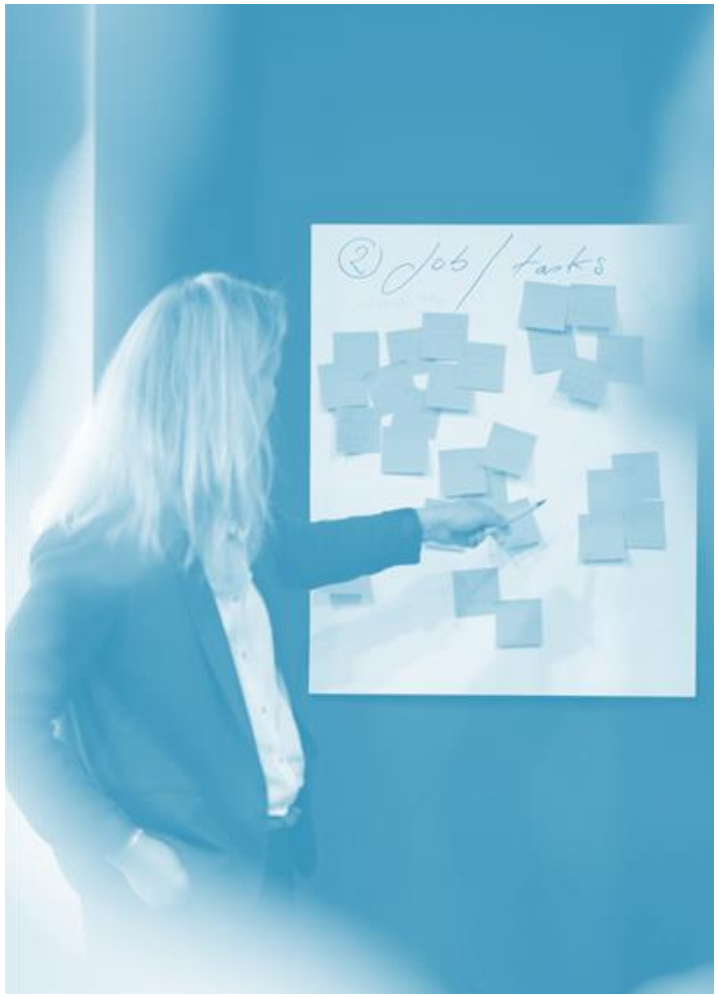
Day 2
3rd December

SESSION 2.
University- Industry- Government Supporting mechanisms
(9:00- 12:30)

SESSION 3.
Looking Ahead: The future roles of University –Industry- Government
(12:30 – 13:30)



WORKSHOP APPROACH



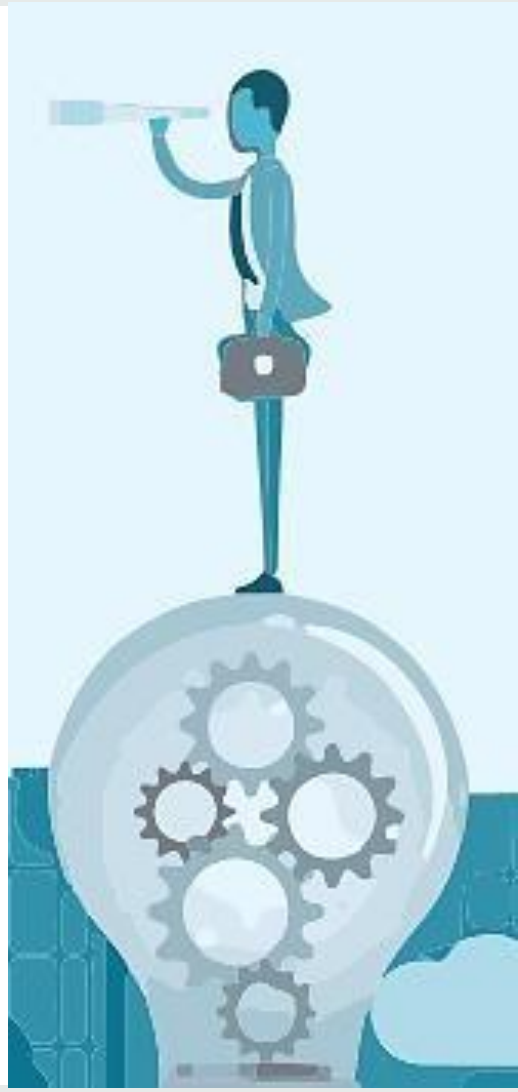
Presentations of:

- international good practices
- European status quo
- advice for each stakeholder
- *food for thought*

We will hear from the audience through:

- questions
- polls
- debates
- group work

Get ready for some serious play!



Higher Education for Smart Specialisation

HESS Training Webinar

Higher Education- Business- Government collaborations in Smart Specialisation

Eskarne Arregui-Pabollet

JRC B3 Unit Scientific Officer

Incentives and funding programmes

European Commission

S3 funding instruments for HEIs

Understanding differences in HEIs objectives instruments

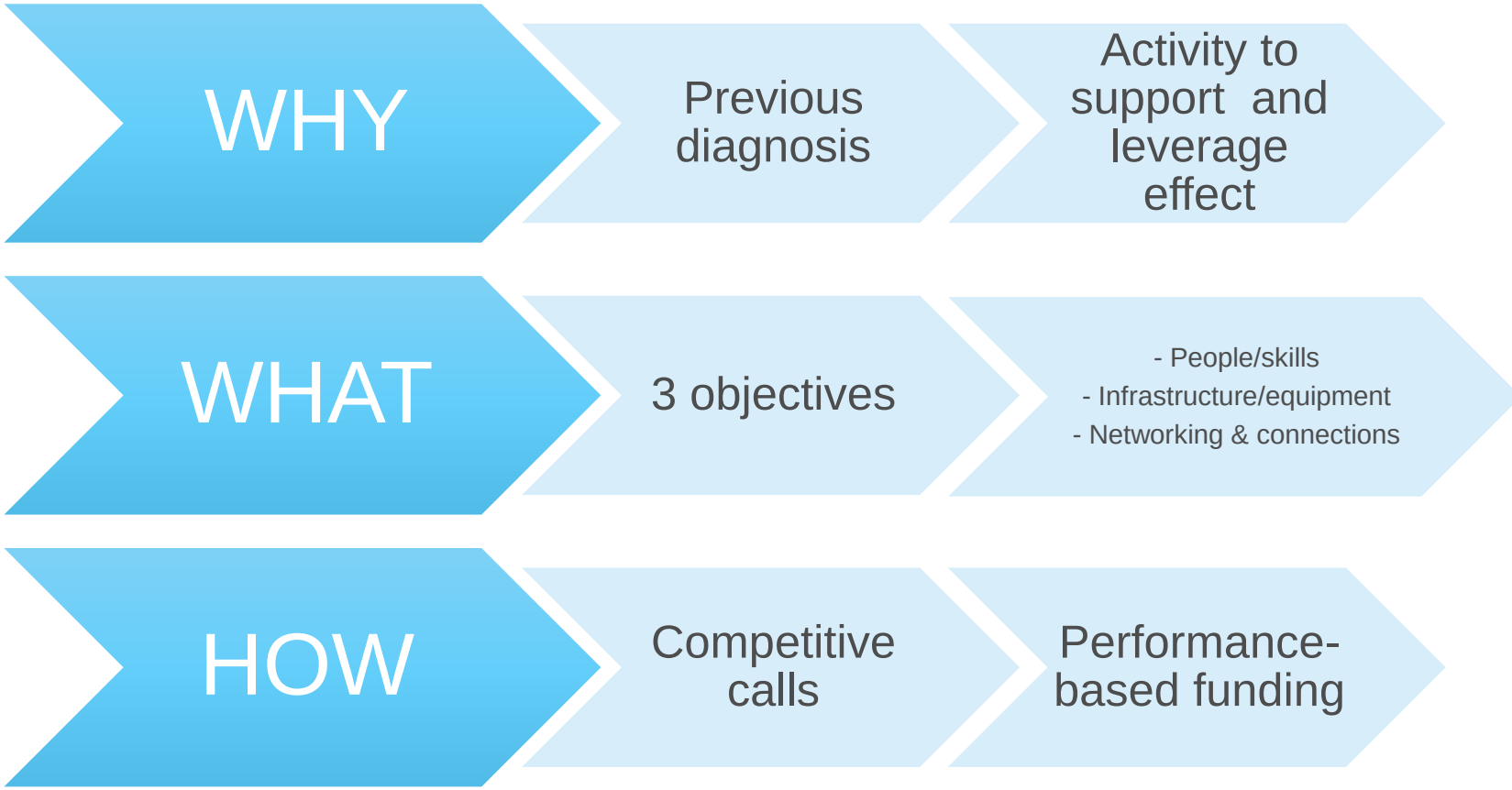
- Research intensive
- R&D oriented
- Regional outlook
- VET and professional schools

Understanding existing funding landscape

Chavel, S, Fuster, E, Arregui-Pabollet, E. (2018). Chapter 5. Funding incentives. In Edwards, J and Marinelli, E (eds) (2018) Higher Education for Smart Specialisation: A Handbook (Version 1.0) Seville: European Commission.

European Commission

S3 funding instruments for HEIs



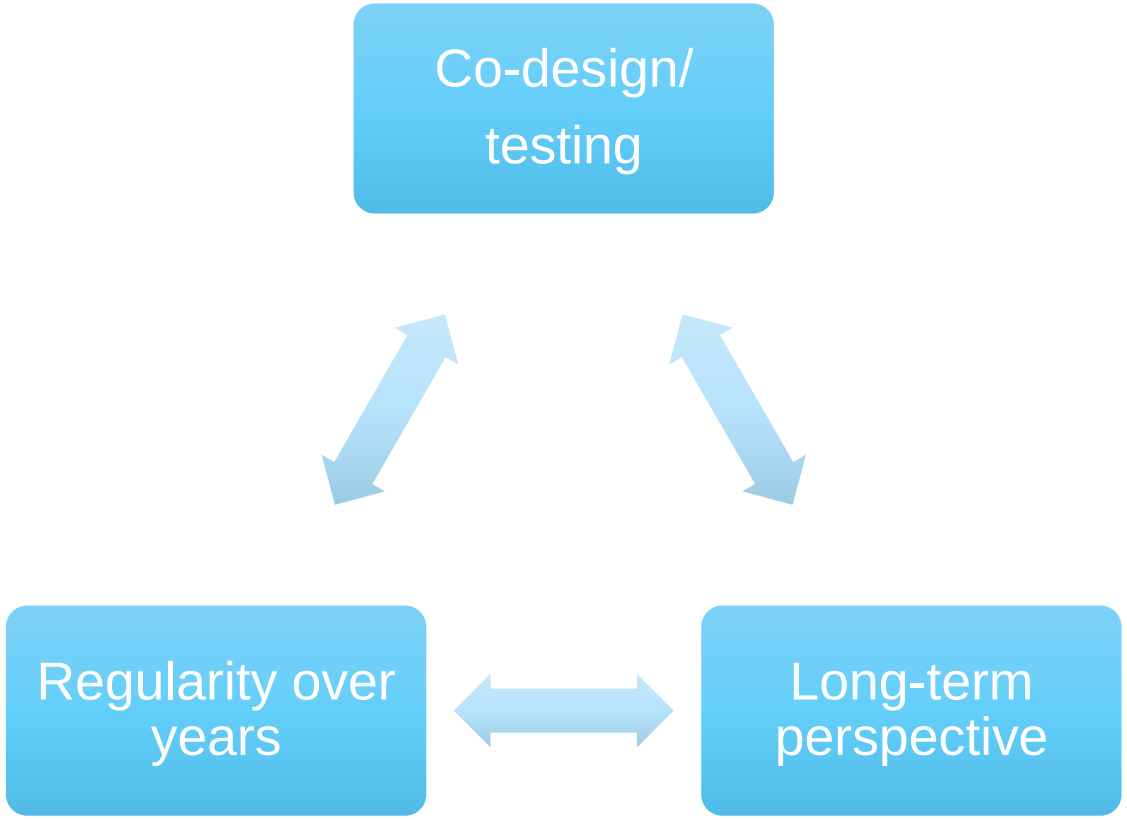
ONE SIZE
does not
FIT ALL

MATCH
Regional objectives
- Actors needs

Chavel, S, Fuster, E, Arregui-Pabollet, E. (2018). Chapter 5. Funding incentives. In Edwards, J and Marinelli, E (eds) (2018) Higher Education for Smart Specialisation: A Handbook (Version 1.0) Seville: European Commission.

European Commission

S3 funding instruments for HEIs



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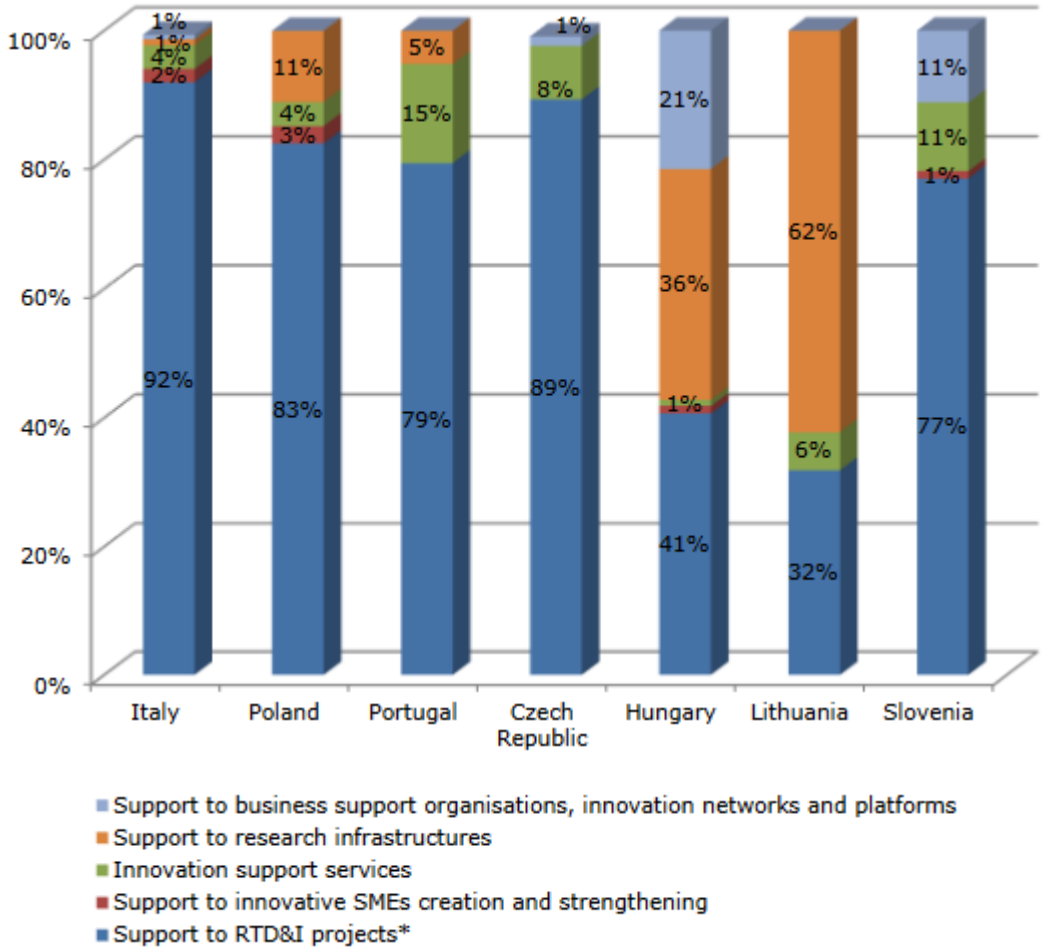
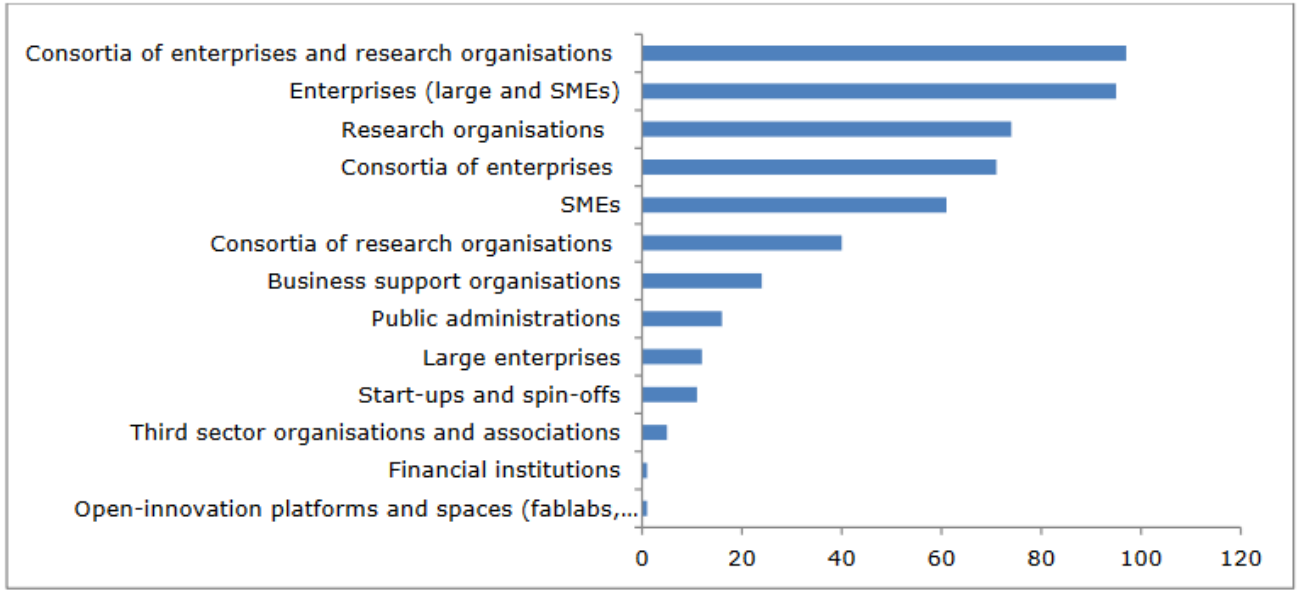
European Commission

TO1 Calls Analysis





Gianelle,C., Guzzo, F.and Mieszkowski,K. (2017) Smart Specialisation at work: Analysis of the calls launched under ERDF Operational Programmes,JRC Technical Reports JRC106974.

European Commission

Industrial PhDs

- Many interesting examples of Industrial PhD across Europe
- Puglia, Lithuania, Navarre, …
- Good alignment with S3 priorities
- Challenges: from ‘traditional’ to ‘active’ learning’ & from ‘hard’ to ‘hard+soft’ skills
- Cultural differences
- Joint UBG definition of the instrument and characteristics to ensure relevance and sustainability

European Commission

Estonia: Innovative funding schemes

Measure	Budget (EU + national co- financing)	Share of smart specialisation (%)
Institutional package measure for R&D and HE institutions (ASTRA)	135,9 MEUR	39%
Support for internationalisation, mobility and future generations in RD and HE (DORA+, Mobilitas+)	57,3 MEUR	49%
Supporting Centres of Excellence to improve the International competitiveness and excellence of research	28,1 MEUR	68%
Support for research infrastructure of national importance on the basis of a Roadmap	38,7 MEUR	77%
Popularisation of research among young people and in society as a whole (TEAME+, TEEME+)	5,3 MEUR	64%
Supporting of applied research in the growth fields of smart specialisation	29,4 MEUR	100%
Specialised scholarships in HE in the smart specialisation fields	25 MEUR	100%
Addressing societal socio-economic challenges through RD (RITA)	37,2 MEUR	40%

(Kristi Raudmäe, Republic of Estonia Ministry of Education and Research)

European Commission

IT Academy Estonia

- Scholarships in HEin the fields of smart specialization (Graduates/PhD)
- Collaboration programme between the universities, information and communications technology companies and the state.
- Raise the quality of ICT education so that they are highly qualified by Estonian ICT labour market and abroad.
- Funding for scholarships, study programmes, regional development support

European Commission

Centre-Val de Loire: Sustainable UB partnerships

- Ambition Recherche Developpement programme (ARD 2020) sustainable partnerships between industry and researchers focused on regional S3 priorities.
- Support and promote the emergence of regional R&D centers that generate jobs and dynamism in the territory.
- Le Studium regional agency reinforce the international partnerships of ARD2020
- DEV'UP agency creation (research and innovation and economic development)

European Commission

Lithuania: Talent attraction for S3

- Brain drain challenge
- Low attraction/retention of researchers to Lithuanian R&I system
- Rigid and bureaucratic system for managing the grants
- Diverse landscape of institutions
- Lack Engineering/STEM graduates

Attraction and reintegration of brains SMART

Talent for Lithuania programme- Global Lithuanian Leaders

European Commission

How much progress on the discussions on new S3 and Operational Programmes for 2021-2027?

1. Low progress
2. Good progress
3. Very progressed
4. Almost closed

www.menti.com
Code: 3576023

Have ‘Human capital and Skills for S3’ objectives been considered in the new S3? How?

1. Very little
2. To some extent
3. To large extent
4. Fully

www.menti.com
Code: 3576023

Which instruments/tools would be needed in your region to achieve objectives under ‘Human capital and Skills for S3’?

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Are EU projects helping you build regional ecosystem capabilities for S3? How?

www.menti.com
Code: 3576023

Contact

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European Commission

JRC Directorate B - Growth and Innovation

Unit B3. Territorial Development

European Commission

Thank you!

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