

Joint Research Centre

Joint Workshop JRC & EARTO

RTOs AND SMART SPECIALISATION

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Serving society
Stimulating innovation
Supporting legislation



Activities of the S3 Platform



**Synergies ESIF-H2020
"Stairway to
excellence"**

**Guidance and analysis:
RIS3 Guide;
Digital Agenda
Toolbox;
S3 policy briefs**

**Support to
lagging regions**

**Interactive web
tools, S3 Newsletter
and Website**

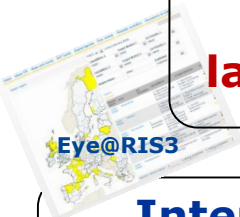
**Trans-national
learning and Peer
Review**

**Value chains and
alignment of
innovation
roadmaps**

**Thematic focus
on actors,
process, common
features and
priorities**

**RIS3
assessment
and support to
REGIO desks**

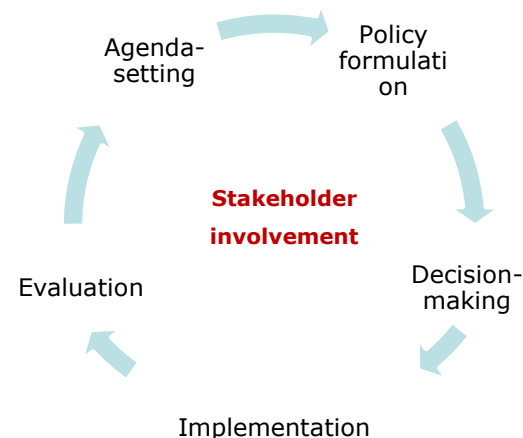
**Focused approach on
digital growth (CONNECT)
and energy (ENER)**



Thematic focus on actors

- Stakeholder involvement in S3 builds on the idea of quadruple helix, which refers to government institutions, universities and research organisations, industry and civil society as key actors in innovation ecosystems.
- RTOs have been identified as key agents in regional innovation systems.

New actors in the Policy cycle



Specific activities focused on actors

RTOs

- "RTOs and Smart Specialisation" workshop in Sevilla in May 2015.
- Policy Brief "Research and Technology Organisations and Smart Specialisation", D. Charles and K. Ciampi Stancova, Oct. 2015.

Science Parks

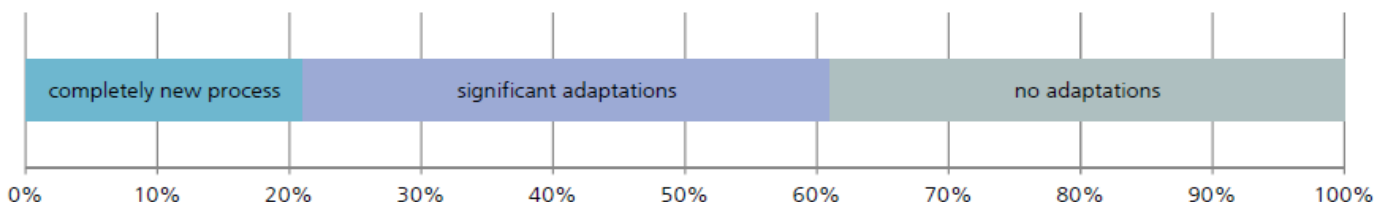
- "The Role of Science Parks in Smart Specialisation" workshop in Malaga in February 2014.
- Policy Brief "The Role of Science Parks in Smart Specialisation", C. Nauwelaers, A. Kleibrink and K. Stancova, July 2014.

Higher Education Institutions

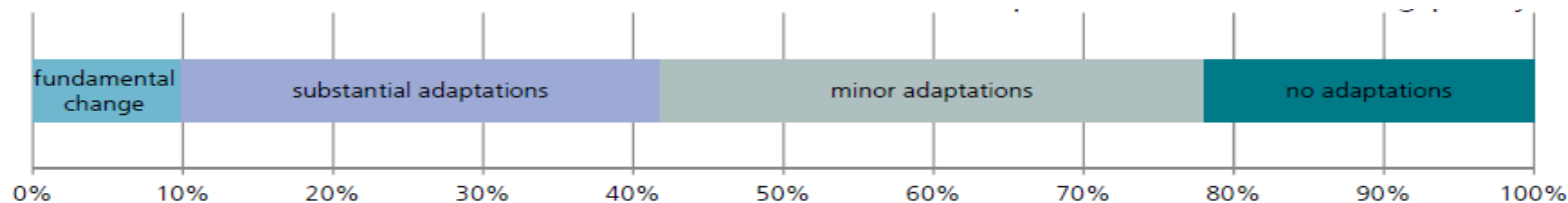
- "Territorial Competitiveness and Universities: The role of universities in regional smart specialisation strategies in Europe" seminar in Barcelona, June 2015.
- "Mobilising Universities for Smart Specialisation" conference in Brussels, June 2014.
- Policy Brief "Universities and Smart Specialisation", L. Kempton, J. Goddard, J. Edwards, F. B. Hegyi and S. Elena-Pérez.

Policy achievements

60% of regional policy makers state that smart specialisation introduced significant adaptations in the stakeholder involvement process (and 20% spoke about a “completely new process”)



More than 40% state that there have been substantial adaptations to the existing policy mix.



More than 40% of respondents stated that smart specialisation had a high potential to trigger economic transformation in their regions, with a further 38% highlighting an at least moderate potential.

More than two thirds of the respondents state that smart specialisation has triggered the introduction of “new elements of governance” and more than 90% specify that these novelties will be maintained.

Multiple role of RTOs in smart specialisation

- **Contribute to entrepreneurial discovery process:** stay close to the businesses and are engaged in informing firms about technological and market opportunities, thus they have a crucial role to play in ensuring that regions recognise real business opportunities at the centre of their smart specialisation.
- **Play an important role in connecting actors:** vehicles for internationalising regional strategies through supporting inter-regional collaboration.
- **Build research and technology capacities and contribute to technology transfer:** provide technology and innovation support to companies. They are resources for industry cluster, key delivery elements of a smart specialisation strategy aimed at upgrading the technological capabilities of such a cluster.

Sevilla Workshop: GROUP MIND MAPPING questions

RTOs:

- Given your governance structure and mission, how do you see your role in the implementation of regional smart specialisation strategy?
- What challenges can you face?

Regional representatives:

- What will be the role of RTOs in the implementation of smart specialisation strategies?
- What are the barriers and bottlenecks (administrative, institutional, human, etc.)

Sevilla Workshop: topics for discussions

- dilemma of internationalisation: internationalisation is both an opportunity and challenge,
- insufficient and short-term financial support,
- unsupportive policy instruments and differences in timescales.

Thank you!



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