

CHANGING PATTERNS OF TERRITORIAL POLICY: SMART SPECIALISATION AND INNOVATION IN EUROPE

Involvement of a Research Organisation in the development of the RIS3: the experience of CSIC in Spain.

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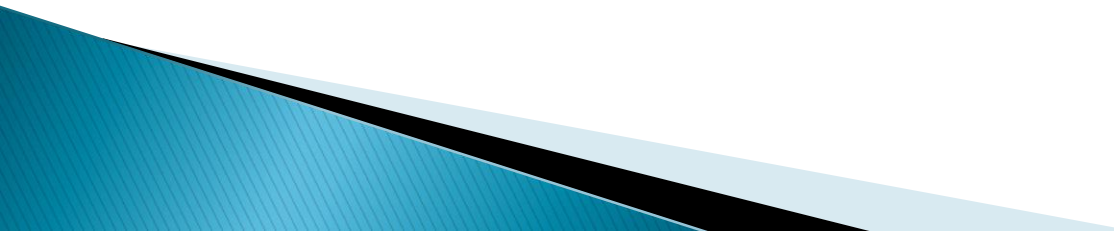
First SMARTER Conference on Smart Specialisation and Territorial Development taking place in Seville, Spain from 28th to 30th September 2016.

What are the Regional Smart Specialization Strategies (RIS3)?

- ▶ “The idea is that regional authorities can exploit the smart specialization logic by undertaking a rigorous self–assessment of a **region’s knowledge assets**, capabilities and competences and the **key players between whom knowledge is transferred**”

McCann and Ortega–Argilés (2011) Smart Specialisation, Regional Growth and Applications to EU Cohesion Policy. Economic Geography Working Paper 2011 : Faculty Of Spatial Sciences, University Of Groningen, p.3
[URL: http://ipts.jrc.ec.europa.eu/docs/s3_mccann_ortega.pdf].

The CSIC in a nut-shell

- ▶ CSIC is the main public research institution in Spain. It is formed by more than 122 centers and institutes spread across all the Autonomous Regions of Spain, with a staff of more than 10.000, of whom more than 3.500 are staff researchers and more than other 2.700 scientists have different kinds of contractual forms with the Institution.
 - ▶ CSIC has 6% of all the staff dedicated to Research and Development in Spain but generates approximately 20% of all scientific production in the country and is the main producers of national patents.
 - ▶ In the last 10 years, CSIC has signed more than 15.000 research contracts or other services with Spanish companies and created 85 spin-offs.
 - ▶ CSIC participated in 723 projects financed by FP7, and up to present CSIC is participating in more than 200 projects of H2020.
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The RIS3 as a challenge and an opportunity for the Research and Technology Organizations (RTO)

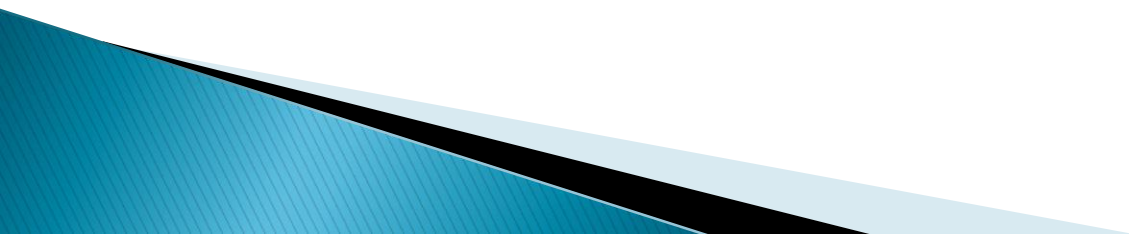
▶ Possible roles for the RTO:

- a) identify industry needs and opportunities; *
- b) use their international networks to facilitate access to global knowledge by the SMEs; *
- c) support the establishment and development of thematic clusters. *
- d) offer sophisticated infrastructures and equipment of the RTO to facilitate the access of the SMEs to the Key Enabling Technologies (KET)**
- e) the RTO as problem or challenge solving oriented interdisciplinary institutions

David Charles, and Katerina Ciampi Stancova** . Research and Technology Organisations and Smart Specialisation. *Lincoln Business School, University of Lincoln, UK. **European Commission, JRC-IPTS, Seville (Spain). S3 Policy Brief Series n° 15/2015 – October 2015. S3 Platform, JRC-IPTS .

**Evangelista R., Meliciani V. and Vezzani A. (2015). The Specialisation of EU Regions in Fast Growing and Key Enabling Technologies. JRC Technical Report, EUR 27524 EN; doi:10.2791/844794.

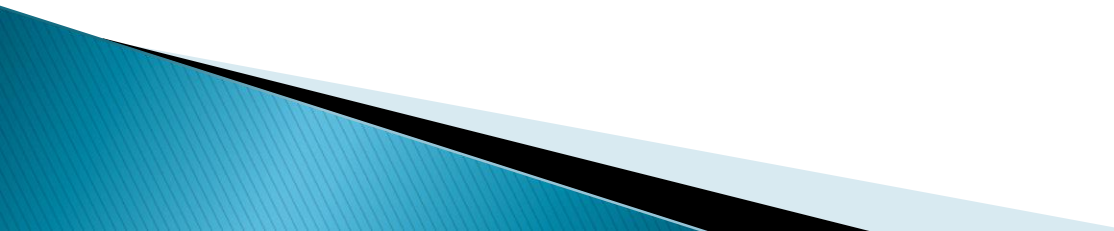
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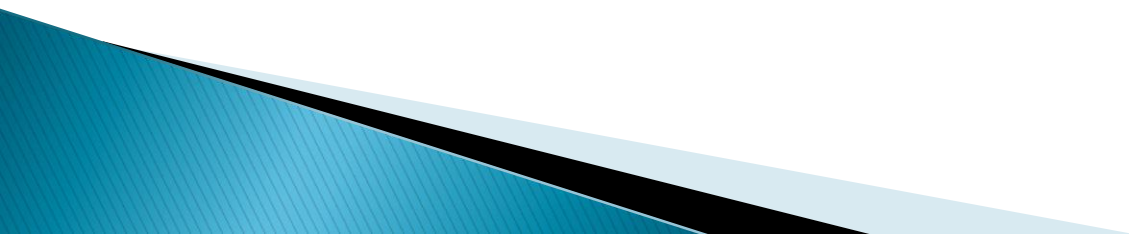
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- ▶ **The political changes** happened in Spain after the Regional Elections of May 2015, produced a revision of the RIS3 strategies of several Autonomous Communities (AC), which increases the delays in the implementation of the OP. **Consensus about RIS3 is a must for its success!**

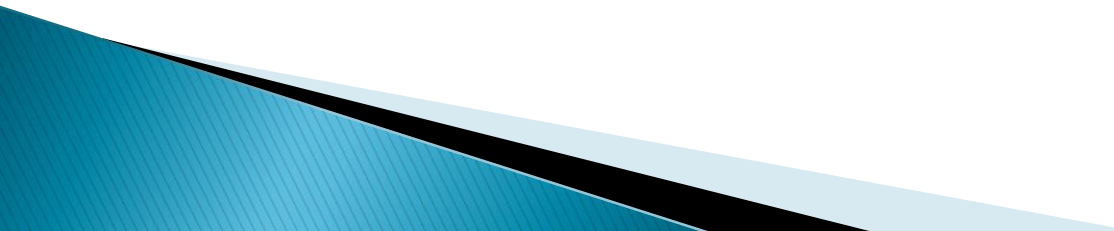
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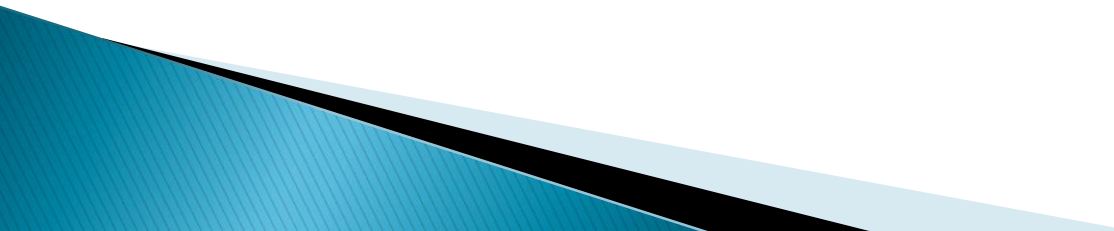
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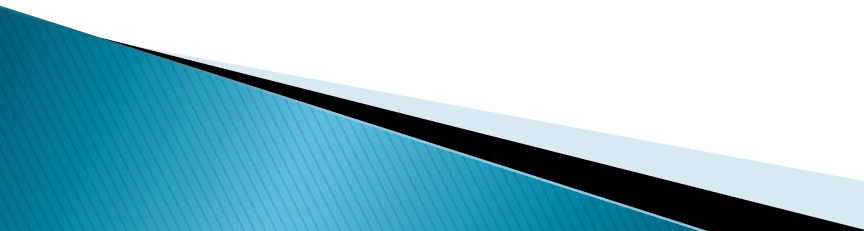
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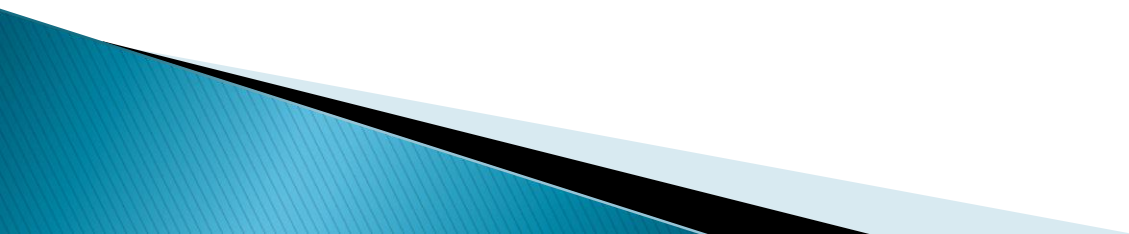
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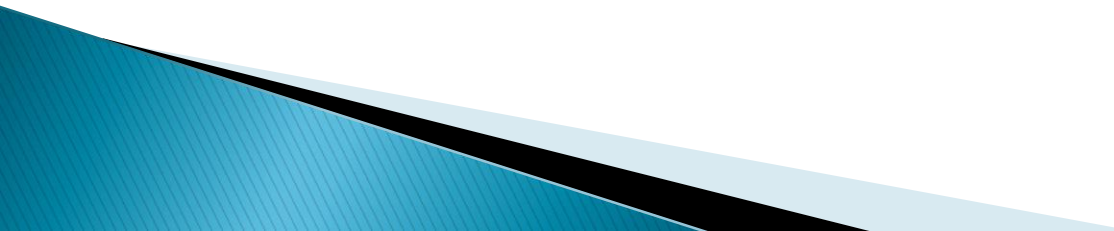
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 - ▶ **CSIC launched an awareness campaign** of the issues and opportunities at stake with the RIS3 and OP implementation directed to its Institutes, and also analyzed the **nature of previous contracts** with companies as a lever to promote cooperations in those fields also covered by the RIS3 priorities.
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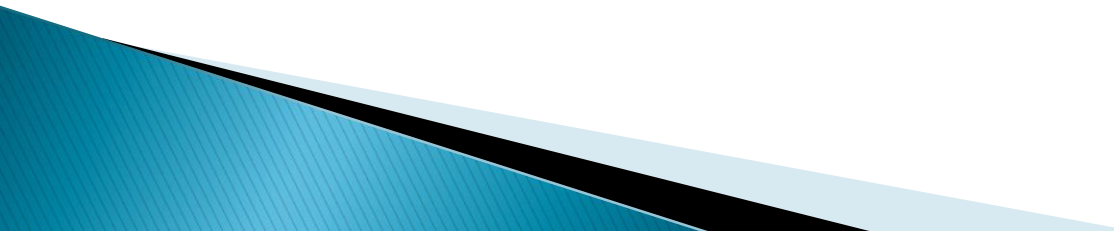
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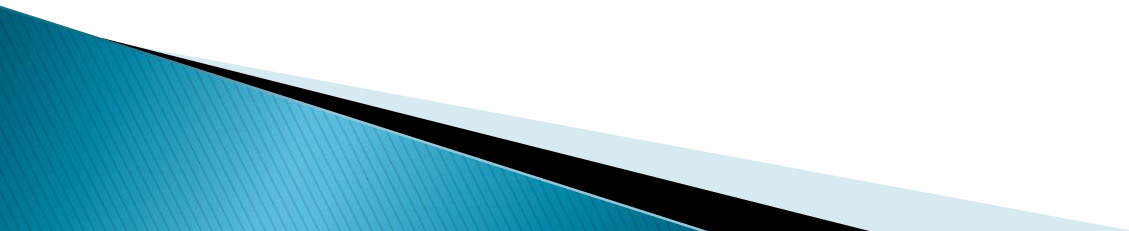
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- These drawbacks also affects the efforts to promote **interregional cooperation or the internationalization** of the innovation products and services promoted by the RIS3, where the RTO could be clear actors through its networks.

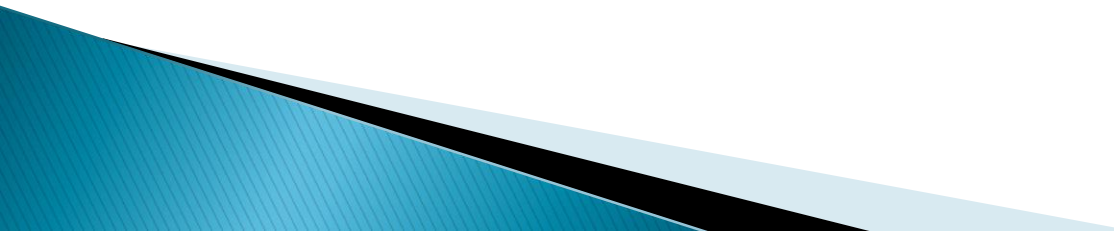
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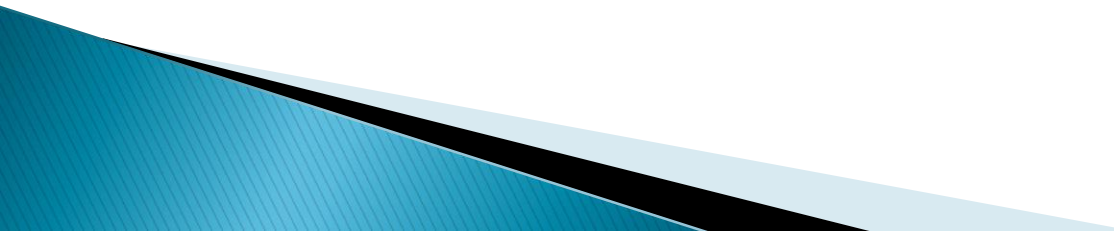
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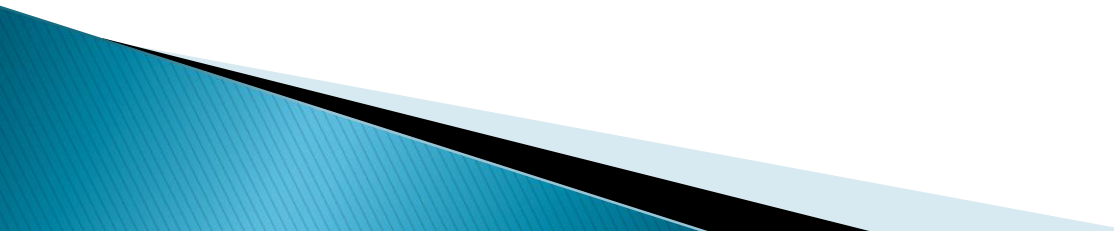
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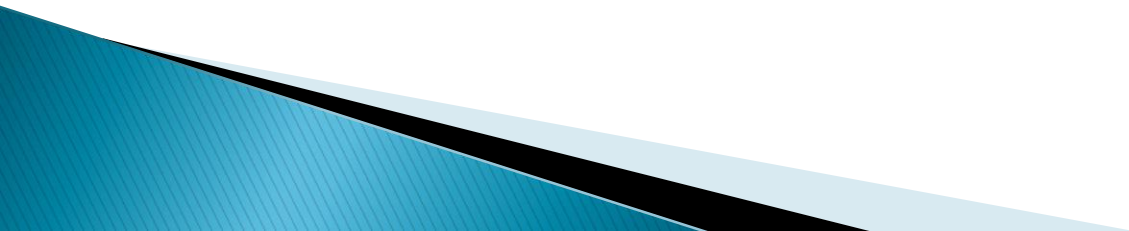
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 - ▶ Propose the use of its own networks to **facilitate the internationalization of regional SMEs** and other innovation actors.
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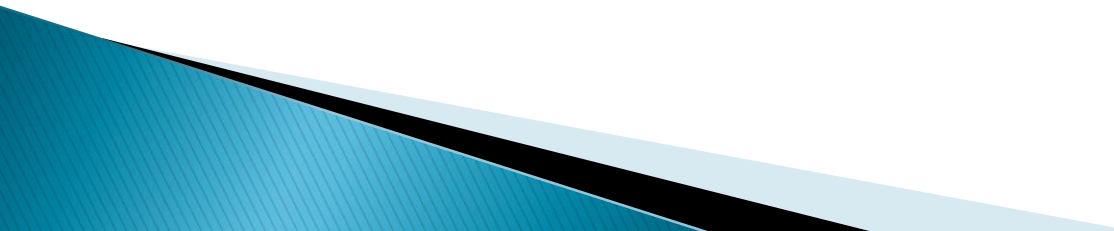
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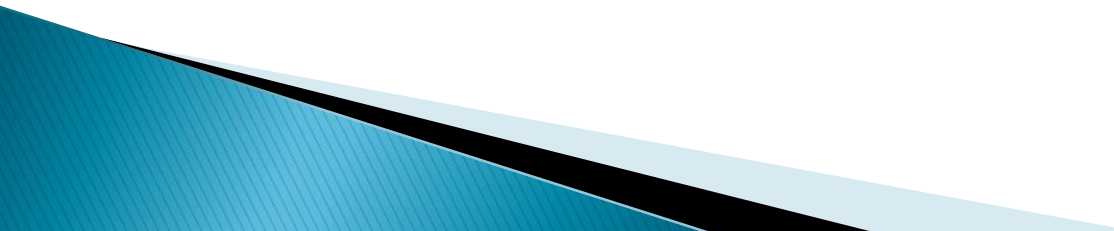
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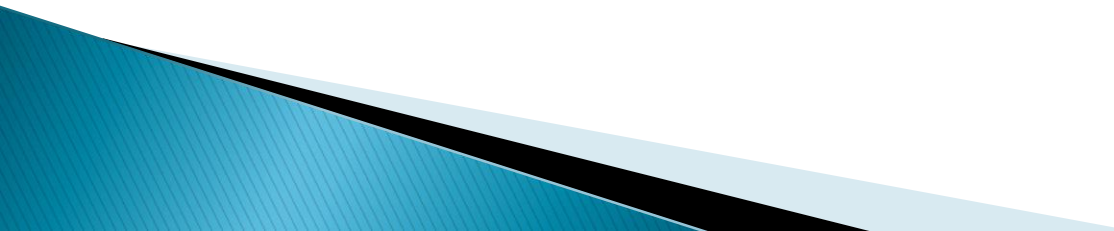
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- ▶ **The political entities hosting RTO should better coordinate with the Regions** to support their effort in implementing the RIS3.

▶ Thank you for your attention!

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