

Changing patterns of territorial policy: Smart specialisation and innovation in Europe

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Learning by monitoring. A practical approach based on the smart specialisation strategies

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Logic of the intervention

The policies based on smart specialisation are being implemented...

Now what?

Time to see if they work!

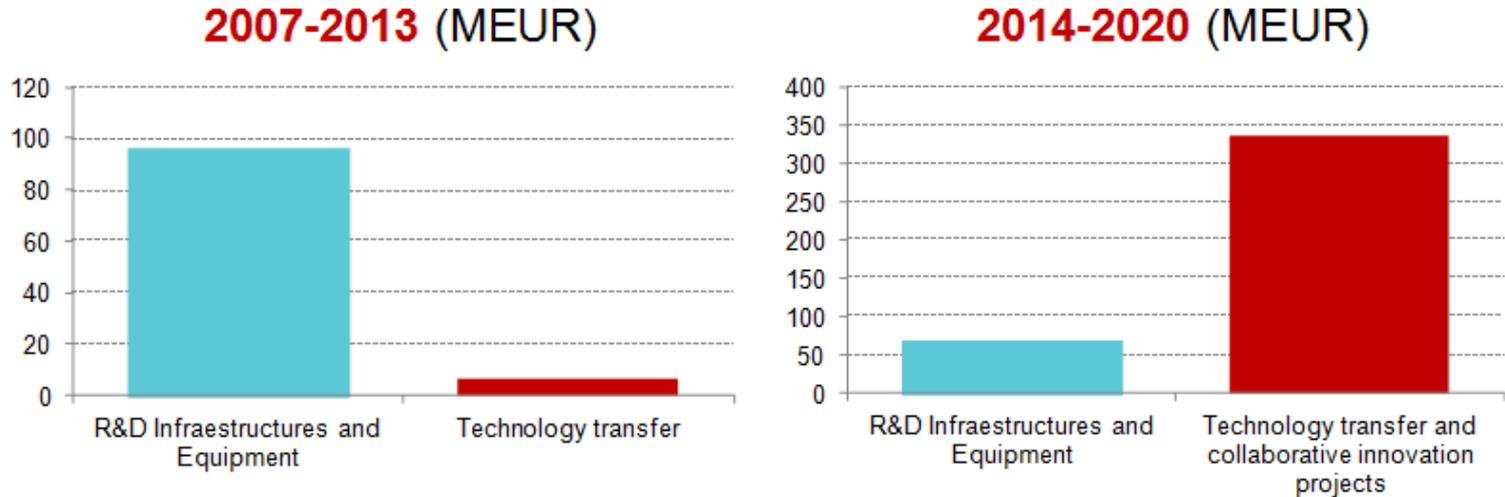


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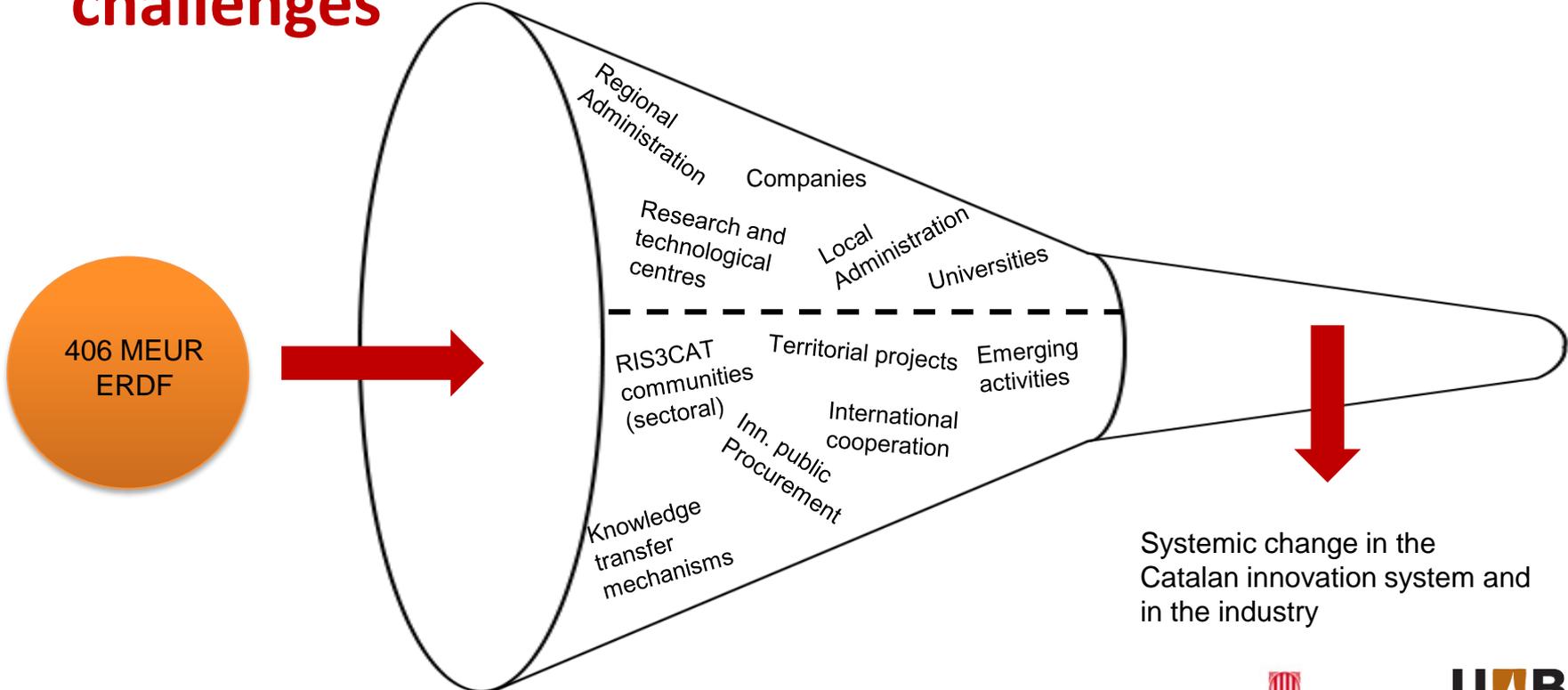
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RIS3: a radical change for R&I policies in Catalonia



ERDF is the most important source for regional R&I public policies

New governance and new instruments for new challenges



How to make compatible learning and accountability in monitoring?



- Focus on processes
- Focus on searching and learning
- Bottom-up and participatory process (with experts support)
- A flexible roadmap for the entrepreneurial discovery and the smart specialisation processes
- Focus on results, validation and accountability (ERDF requirements)

Learning versus accountability

	Cohesion Policy (result oriented approach)	RIS3 (monitoring for learning approach)
Goal	Accountability and steering	Learning how to contribute to smart specialisation
Paradigm	Reality can be defined objectively	A new reality has to be developed
Focus	Predefined objectives	Putting the prevailing values and institutional settings up for discussion

Adapted and extended from: Van Mierlo et al. (2010) *Reflexive monitoring in action. A guide for monitoring system innovation projects*

A good monitoring system is the basis for a good RIS3 governance

Public authorities responsible for RIS3 need a comprehensive monitoring system to develop their two main functions:

- Leading the design, the implementation, and the evaluation of the RIS3, guarantying an efficient use of public funds.
- Supporting the performance of the R&I system and the specialisation process

To develop these functions it is necessary to have a comprehensive system of information which includes the learning and the accountability dimensions.

Monitoring must help stakeholders to improve their outcomes and systems

Stakeholders of the quadruple helix as the key actors of the RIS3

entrepreneurial discovery process:

- They identify and promote areas of future specialisation
- They define the smart specialisation process, which will gradually take shape their strategic initiatives and investments

To make the most efficient strategic and investment decisions stakeholders need a comprehensive system of information....



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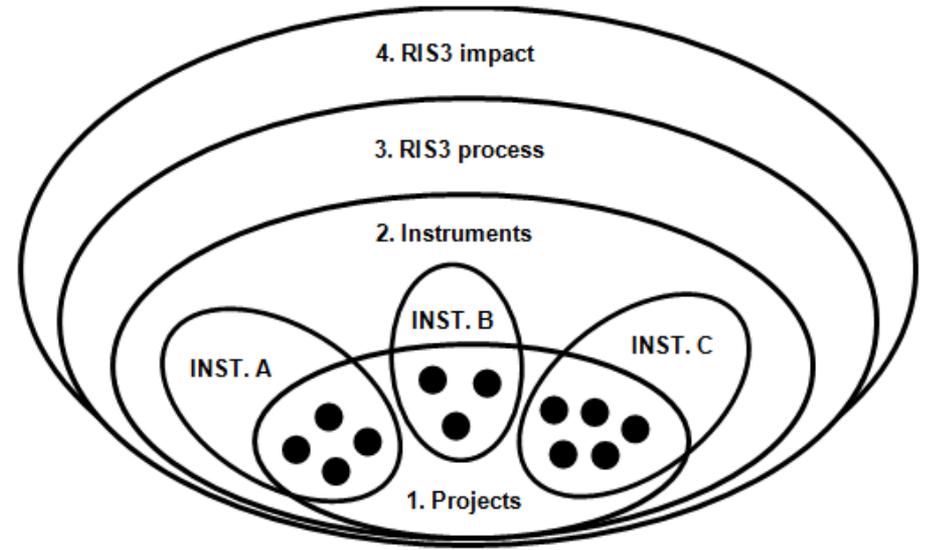


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The focus of monitoring

A four layers model

- 1. Monitoring of projects:** Information from output indicators and objectives and qualitative indicators.
- 2. Monitoring of instruments:** Information from projects monitoring aggregated at instrument level.
- 3. Monitoring of the smart specialisation process:** Information from projects' and instruments' monitoring aggregated at sectoral and technological level.
- 4. Evaluation of RIS3 impact:** Information from the 3 first layers of monitoring + analysis in relation with RIS3 objectives, R&I system, technological and sectoral indicators, and other environmental factors.



From project to RIS3 governance

Governance implications

Projects

Assessment of the 'innovation' changes undertaken by stakeholders + impact of the concrete outcomes of the projects

Instruments

Cost-benefit analysis related to the pre-established objectives understood under the aggregation of projects' outcomes.

Strategy at a tactical level

Aggregation at a sector (priorities) and stakeholders (beneficiaries) to assess the outcomes and re-adjust the strategy at a tactical level when required.

Strategy at a system level

Logic of the intervention on the table, where the implications at a tactical level are transformed into an assessment of the results of the monitoring in relation to the objectives of the entire strategy.

NextHealth RIS3CAT community



RIS3CAT Community Leader

	PROJECT LEADER	PROJECT	NUMB. OF PARTICIPANTS
	UNIVERSITAT DE BARCELONA	<i>Advancecat</i> : Accelerator for the development of advanced therapies in Catalonia	17
	INSTITUT UNIVERSITARI DE CIÈNCIA I TECNOLOGIA SA	Accelerator for rare diseases in Catalonia (AMMNIC).	9
	HOSPITAL SANT JOAN DE DÉU	HI3.0: system for full and personalised medical assistency for children	5
	EURECAT CENTRE TECNOLÒGIC DE CATALUNYA	Personalised attention to chronic patients in the digital health context (nextcare)	10

Total budget

€ 7,564,224.44 (50 % ERDF)

4 Projects for the Community

41 Participant stakeholders / Beneficiaries



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Next step: a practical guide to implement the monitoring approach to Catalonia's RIS3

For each layer, definition of:

- Monitoring objectives
- Stakeholders' implication / tasks
- Indicators
- Recommendations

Definition of the indicators and sources:

- Output indicators and objectives (projects and instruments)
- R&I system indicators and objectives (strategy)
- Sectorial and technological indicators (smart specialisation process)
- Benchmarking indicators (smart specialisation process)

Thank you for your attention!

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