

# Universities and RIS3 in Tuscany

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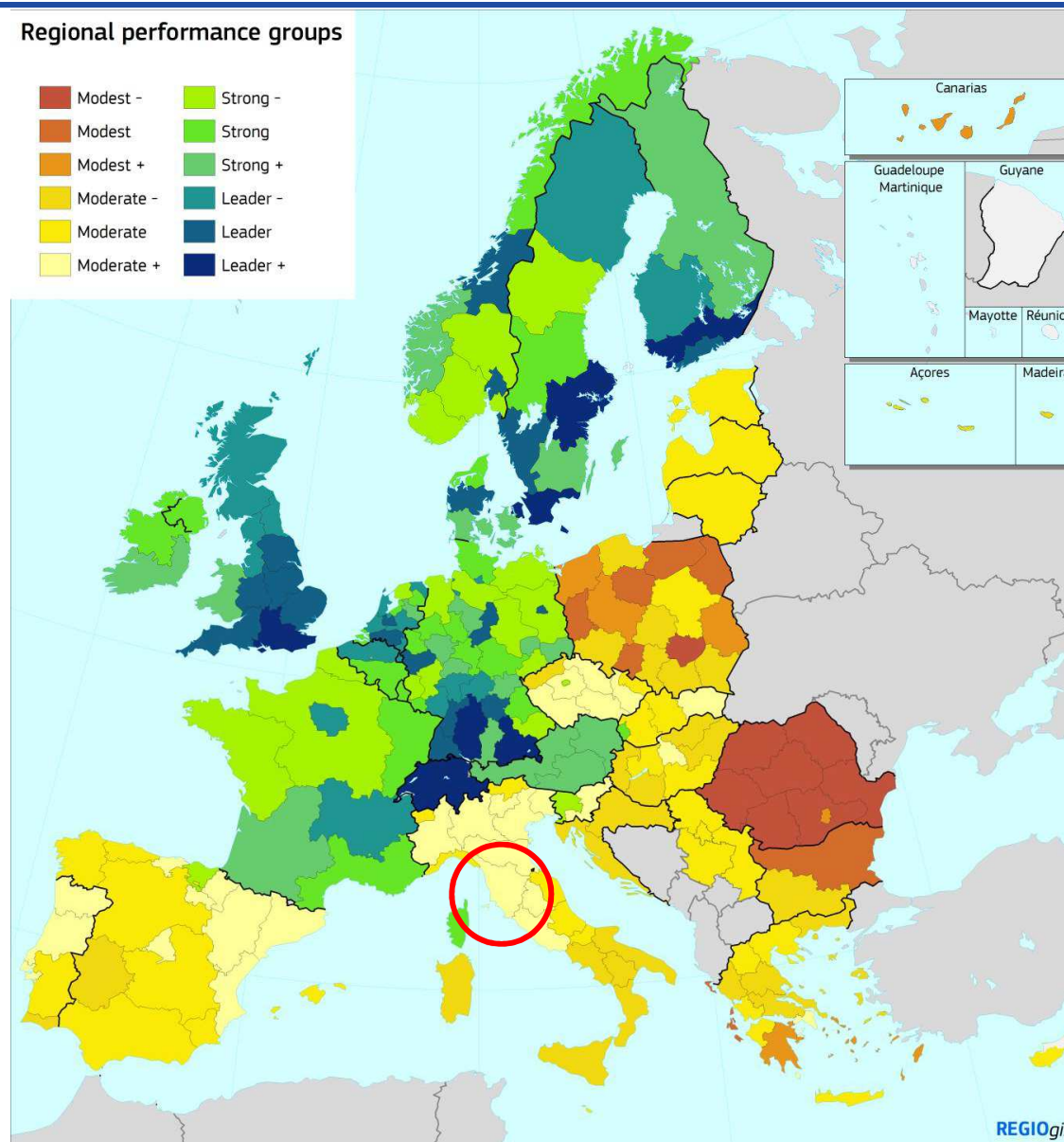
Graz, Austria  
13th November 2018

# Tuscany in Europe

**Moderate +  
Innovator  
Region**

## Regional performance groups

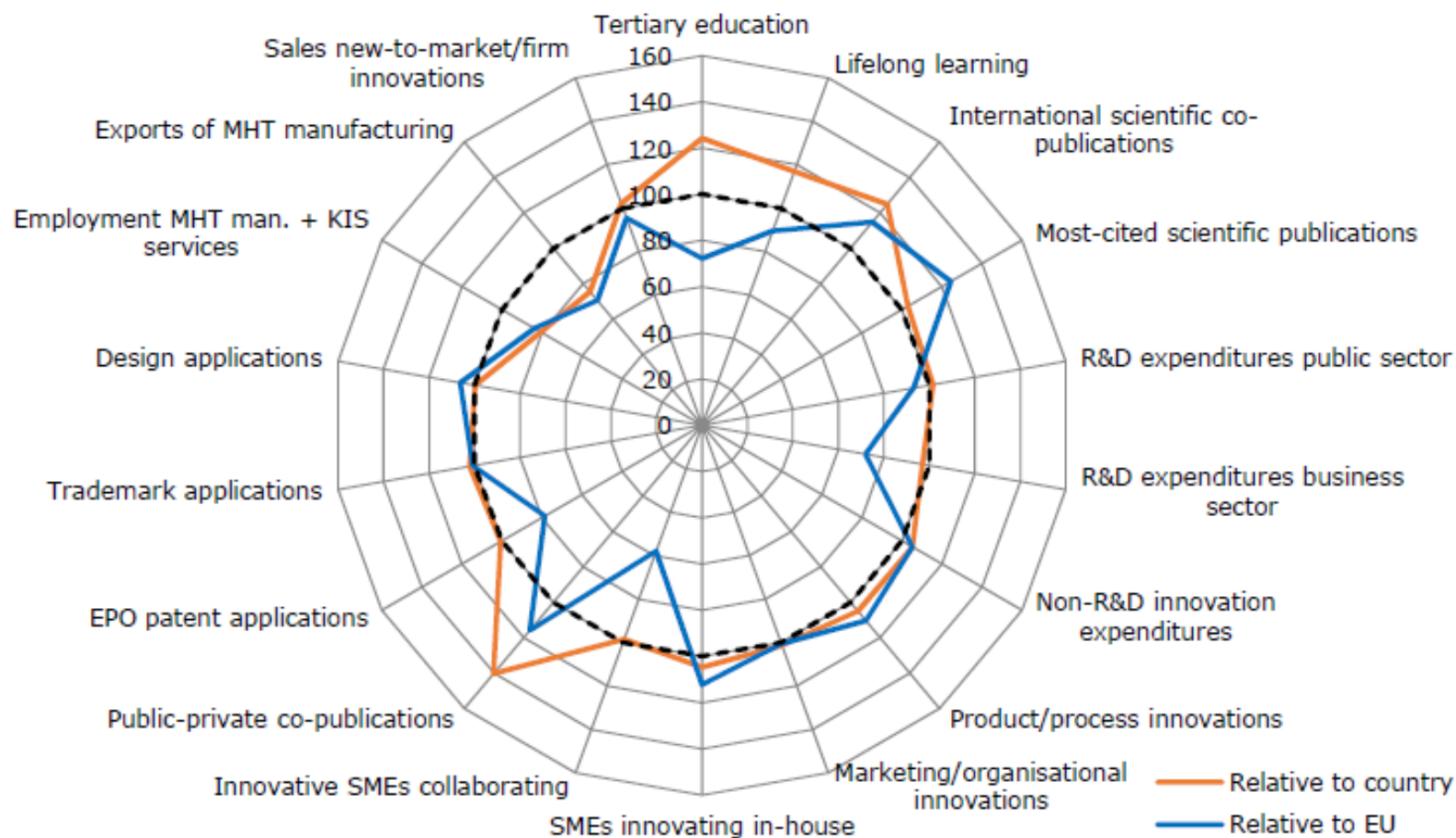
Modest -	Strong -
Modest	Strong
Modest +	Strong +
Moderate -	Leader -
Moderate	Leader
Moderate +	Leader +



Regional **Innovation** Scoreboard 2017

REGIOgis

# Regional innovation performance



Regional **Innovation** Scoreboard 2017

# Regional innovation system: from industrial to technological districts



Fashion Technological District



Life Science Technological District



Stone Technological District



Technological District for energy efficiency,  
renewable energies and green economy



Technological Railway District, high-speed and  
rail network security



Technological District for Interior and Design



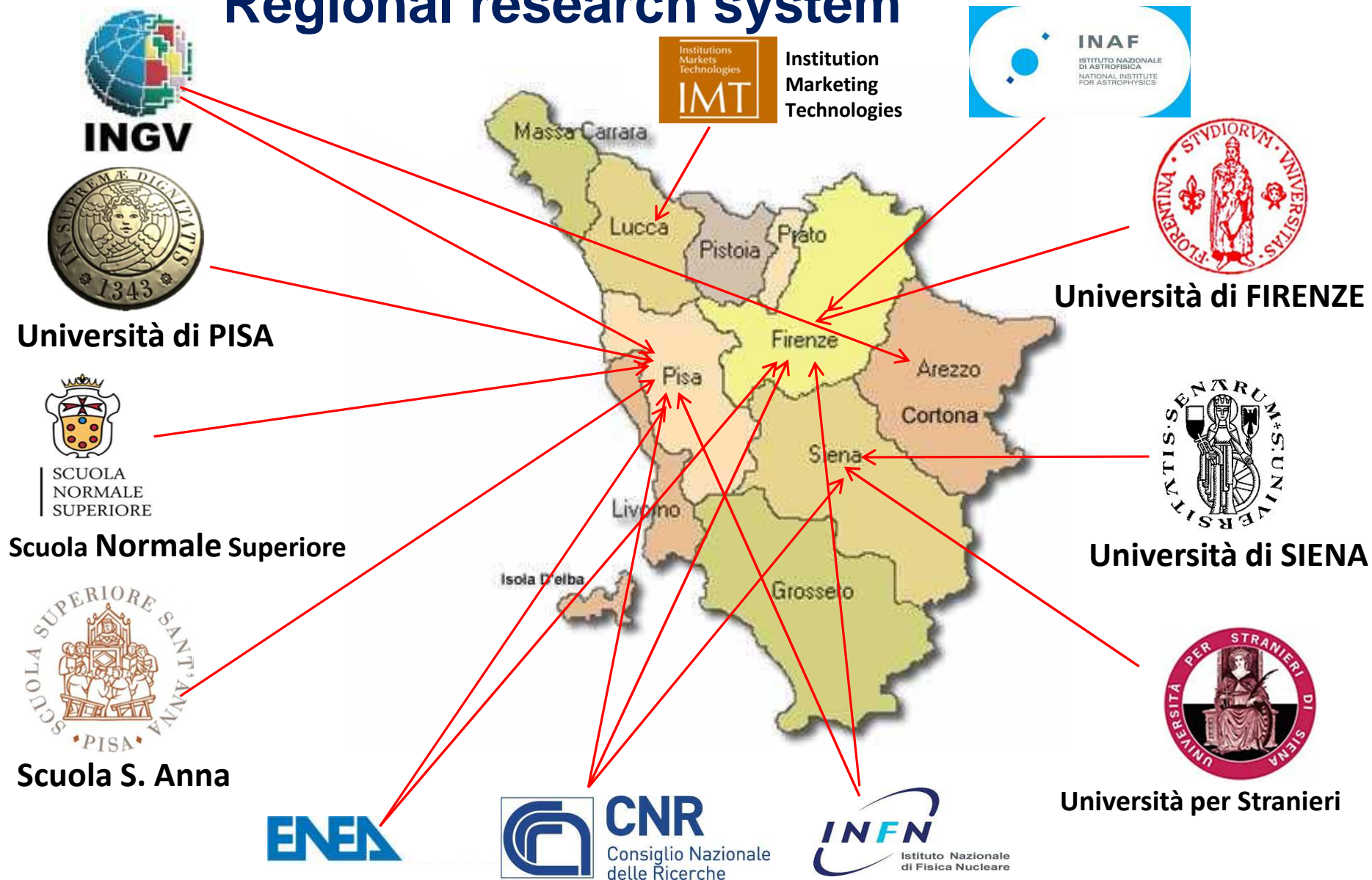
Technological District for Shipbuilding



Technological District for Advanced Materials

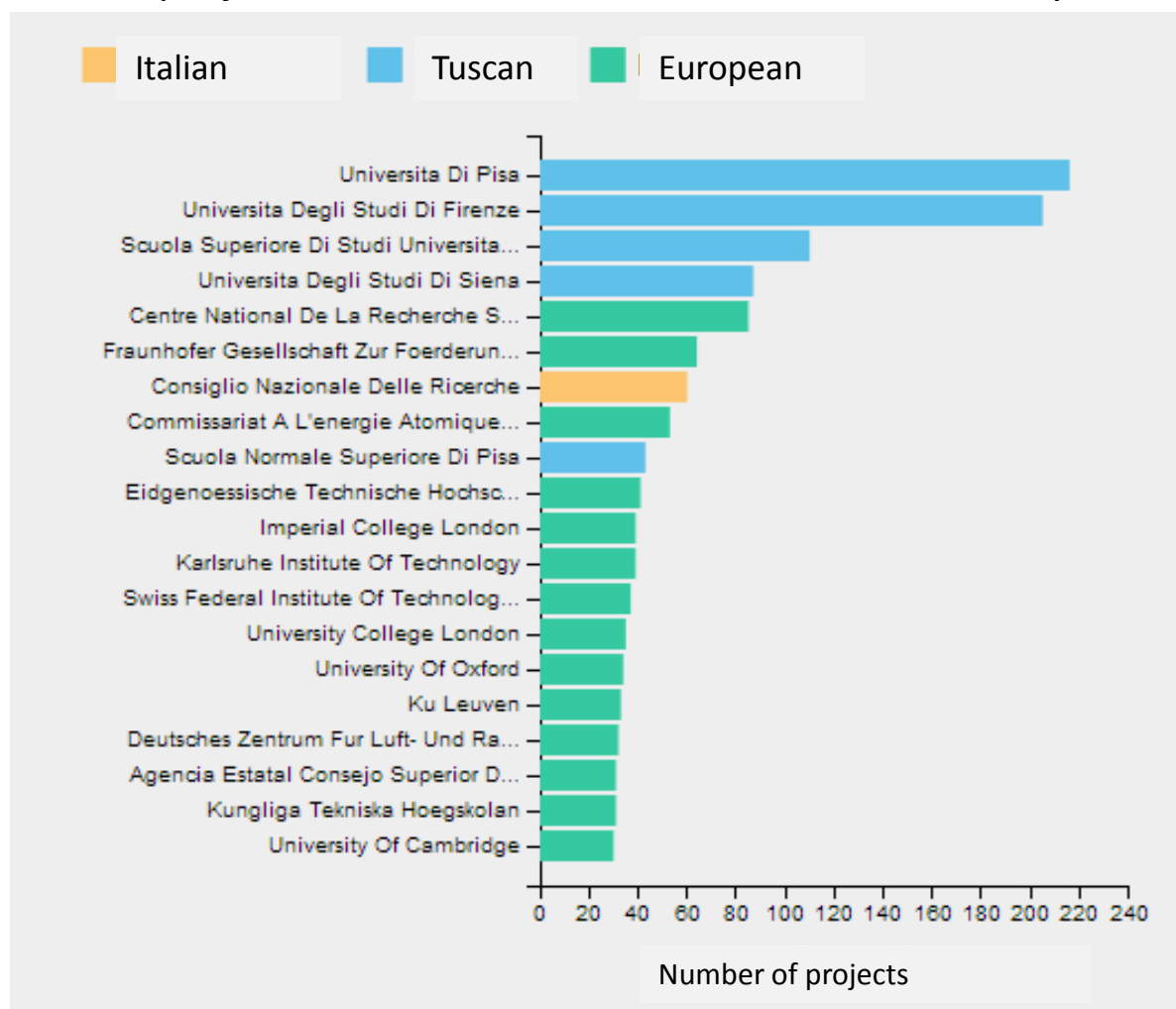


# Regional research system



# Knowledge transfer and innovation

Number of projects in which at least one Tuscan University is involved



(Own elaboration on CORDIS, 2018)

# Tuscany RIS3: **priorities & budget**

1) Investing on excellences

2) Mitigating imbalances

**ICT Photonics**

**Smart Factory**

**Chem&Nanotech**

## Direct Support (ERDF – EARDF)

R&D	108M€
Innovation	305M€
Enabling initiatives	445M€
<b>Total</b>	<b>858M€</b>



## Undirect Support

Digital Agenda  
ESF ROP  
Regional Development Programme

**778M€**



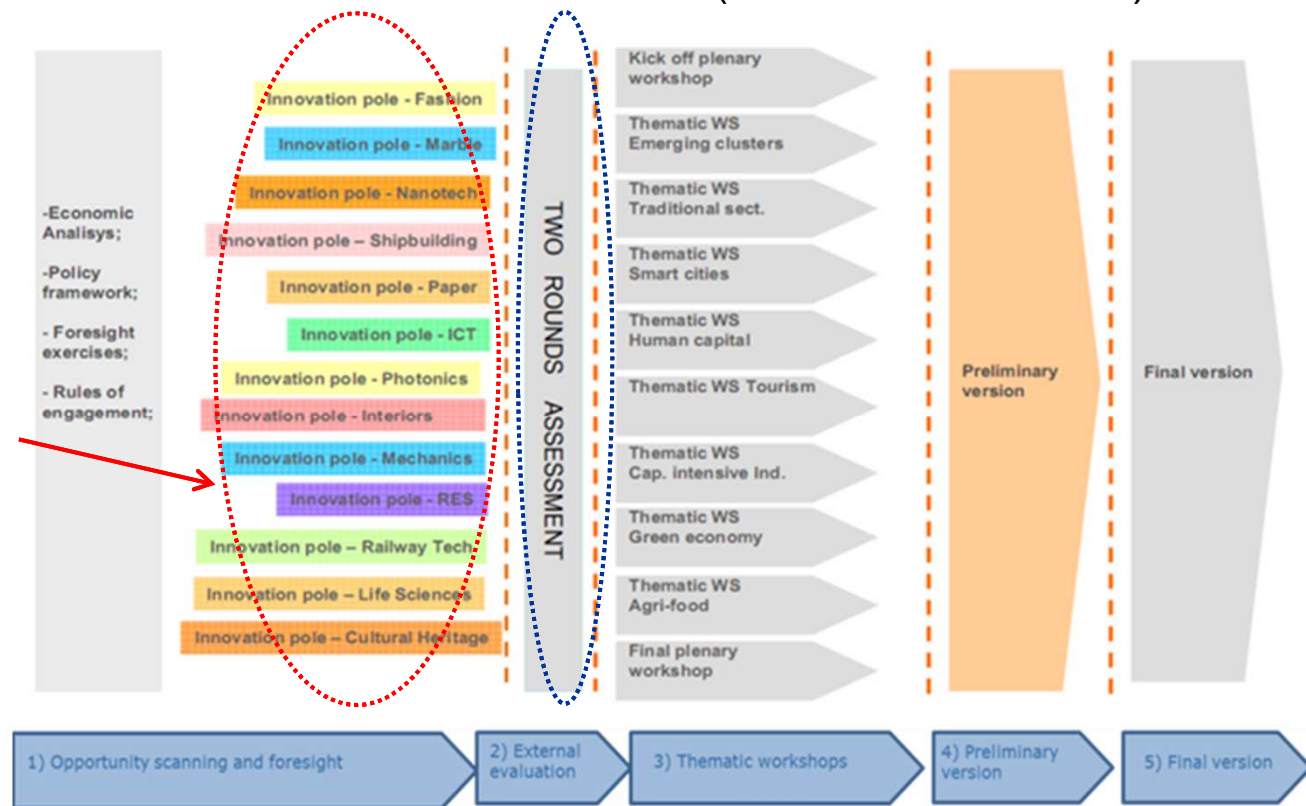
# Universities and Entrepreneurial Discovery Process - EDP (2013)

During EDP (2013) Innovation Poles (groupings of Universities, Research Centers and enterprises) have been engaged for foresight and roadmapping activities



Supporting in  
**opportunity  
scanning**

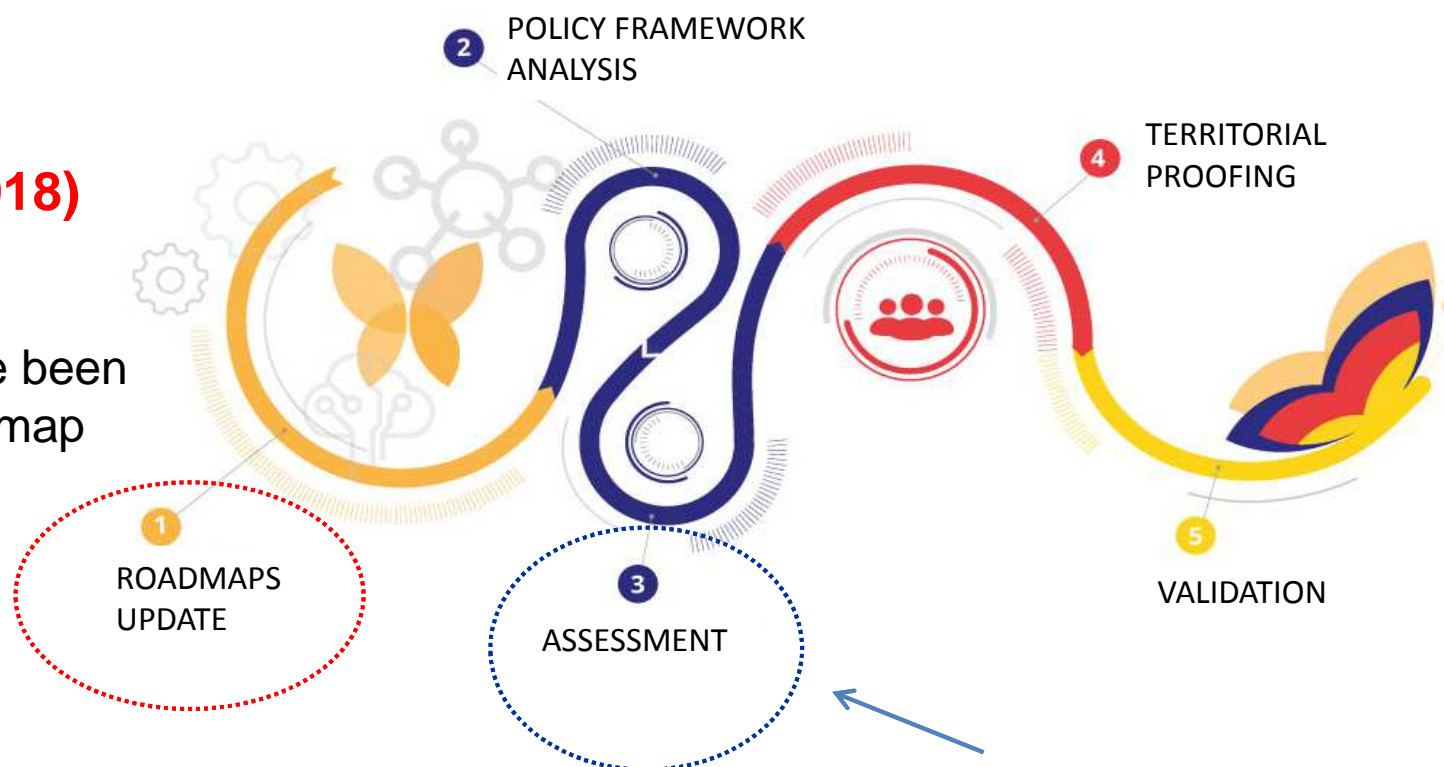
External Academics involved in **roadmaps assessment** (technical validation)





# Universities and Mid-Term Review - MTR (2018)

During **MTR (2018)**  
Tech Districts  
(participated by  
Universities) have been  
engaged for roadmap  
updates



External experts involved in  
**new roadmaps assessment**  
(technical validation)

# RIS3 Observatory

*What is it all about?*

- The RIS3 Observatory is one of the pillar of RIS3 governance in Tuscany. Composed by Technological Districts, it acts as a mirror group for the Strategy implementation, monitoring and evaluation.
- Activities of the RIS3 Observatory are based on monitoring and evaluation reports on the implementation of the Strategy

Strong focus on:

- Strategy sound financial management and implementation;
- Complementarity and synergies with National Smart Specialisation Strategy and other national R&D support instruments;
- Enhancing regional assets in S3 Thematic platform and other EU instruments along interregional cooperation logics.

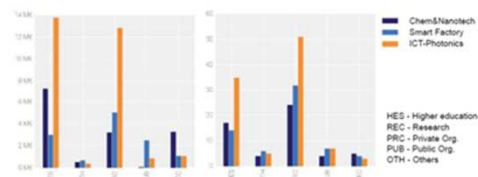
**OBJECTIVES**



# RIS3 Monitoring and Evaluation: Analisis , studies and activities

## Regional calls for proposals

Strategy implementation: main priorities  
in UE (H2020)



(Source: own elaboration on Cordis database)

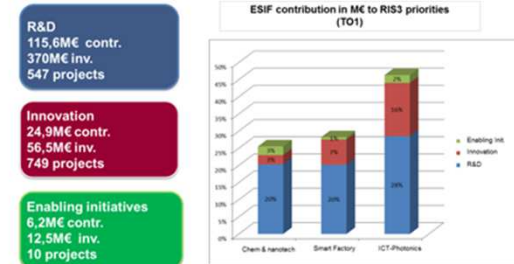
## Regional proposals on H2020 calls

## Benchmarking specialisation indexes



## Social Network Analyses

## Semantic Analyses



## Benchmarking specialisation indices



(Source: own elaboration on Cordis database)

## RIS3 implementation: semantic analysis



# TOUR4EU Tuscan Organisation of Universities for Europe

*What is it all about?*

Non profit Association, based in Brussels, created by Tuscany Region, the University of Florence, the University of Pisa, the University of Siena, the University for Foreigners of Siena, the IMT High Studies of Lucca, the Scuola Normale Superiore of Pisa and the Scuola Superiore Sant'Anna of Pisa, to promote the Regional research initiatives in Europe.

Tour4Eu aims to:

- encourage synergies between any regional actors and the European research;
- provide information to universities on EU funding opportunities;
- encourage collaboration between researchers and other possible partners;
- facilitate closer relations between the universities, the European institutions and other interlocutors.

**OBJECTIVES**





# Industry 4.0 Regional Platform

Regional coordination of public system of competences on Industry 4.0 with strong focus on:

- research, innovation and technological transfer;
- higher education;
- employment.

Universities and research centers are part of the platform, sharing information and initiatives

*What is it all about?*

## OBJECTIVES



- The Platform enhance coordination and stakeholder engagement according to shared perspective;
- More effective and integrated policies are easier to be designed.

# Universities and RIS3 in Tuscany



## Universities and RIS3 Strategic Scoping

- EDP
- MTR

## Universities and RIS3 Monitoring and Evaluation

- Studies and activities

## Universities and RIS3 Governance

- S3 Observatory

## Universities and RIS3 Connecting

- TOUR4EU

## Universities and RIS3 Implementation

- Industry 4.0 Regional Platform

# Thank you for listening!

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<http://www.regione.toscana.it/smart-specialisation-strategy>

#RIS3Toscana

#RIS3ToscanaMTR