

Developing a **strategic system** for monitoring **R&D&I policies** in the framework of **RIS3 Extremadura**

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Technical Office**



FUNDECYT PCTEX
un espacio para innovar

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1 Monitoring and Evaluation

Key features

CONTEXT INDICATORS
(8 indicators)

RESULT INDICATORS
(12 indicators + 10
indicators of
specialisation)

OUTPUT INDICATORS
(26 indicators)

**THEMATIC
WORKING GROUPS**



**SOCIOECONOMIC
ANALYSIS**

Monitoring & Evaluation



NOT SO EASY!!!

Availability of data

Difficulties in measuring regional specialisation:

- ➔ Absence of granular data on R&D&I activities and results, with sufficient detail and updating frequency.
- ➔ Difficulty in classifying R&D&I activities and results in the areas of specialisation of the RIS3.
- ➔ Partial and segmented vision, due to the lack of integrated data from the set of instruments supporting R&D&I at regional, national and European levels.

We need to know...

- ➡ What R&D&I activities and results are produced? How do they evolve?
- ➡ In what fields and subjects? What trends?
- ➡ Where is excellence? With whom and how do we collaborate?
- ➡ How are the actors and regions of reference moving?
- ➡ What effects does public funding have on the ecosystem?

2 Proposed solution

Objectives

Design and development of the **Strategic Information System for the monitoring of R&D&I policies** within the framework of RIS3 Extremadura, which will **integrate external and internal data** on R&D&I policies, activities and results in real time.

1. Co-design and development of:
 - a. Monitoring indicators
 - b. Quantitative and semantic analyses
 - c. Interactive visualisations
2. Integration of internal and external data sources
3. Reporting in response to strategic and monitoring demands
4. Participatory strategic reflection, based on evidence and analysis carried out

Project phases

[Phase 1] Initial system design and development, integration of first data sources

- Integration of **publications, European projects, patents** (Extremadura)
- Integration of **regional R&D&i projects** funded by Extremadura's government

[Phase 2] Inclusion of benchmarks and contextual data

- Publications, European projects, patents (regions / benchmark agents)
- *Official statistics (economy, innovation)*

[Phase 3] Integration of additional sources and extension of analyses and visualisations

- Projects financed by other units and agencies of the Regional Government
- Projects financed by the National Government

Sources to include

Phase 1		Phase 2		Phase 3	
Data type	Name	Data type	Name	Data type	Name
Projects	H2020	Publications, projects and patents	Regional and sectoral benchmarks of interest	Projects	Financed by other units and agencies of the Regional Government
	Creative Europe				
	Eureka	Statistical data	Indicators of context and result of the RIS3 of Extremadura		Financed by the National Government
	R&D&i projects (regional)				
Publications	Scopus + UEx				
Patents	PATSTAT (EPO)				

3 The Tool

Home

JUNTA DE EXTREMADURA

Sistema de monitorización de la estrategia RIS3 Extremadura

Filtra por criterios:

Actividades de la I+D+i ▾

Áreas de excelencia ▾

Tipo de org. ▼

Filtrar por años:

2014 2019

Criterio de agrupación de entidades

Selecciona entre

Búsqueda

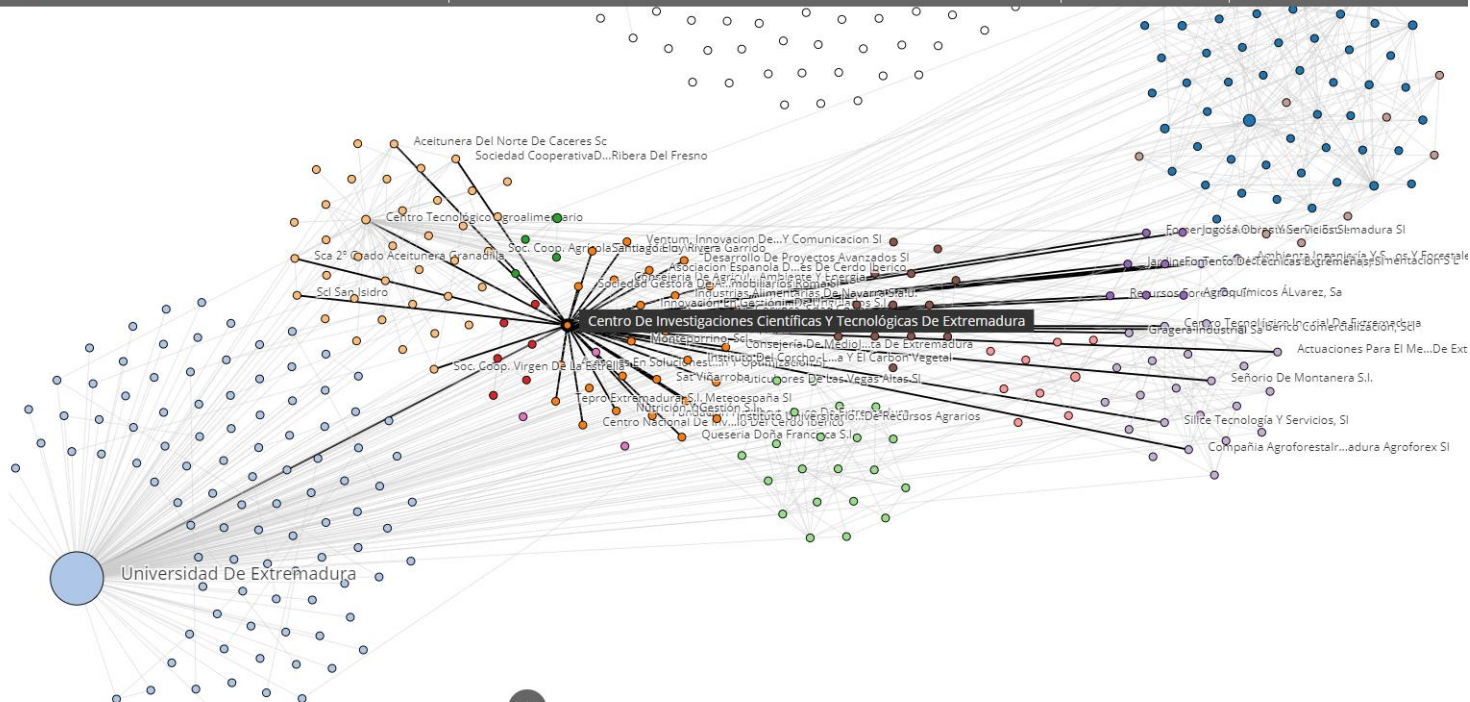
Selecciona una palabra clave

Selecciona una entidad

Leyenda

Colaboración entre entidades

- Entidad (el color se establece según el criterio de agrupación)



6123 publicaciones

234 patentes

549 proyectos

171.270.925€

554 organizaciones

Búsqueda

Selecciona una palabra clave

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Especialización

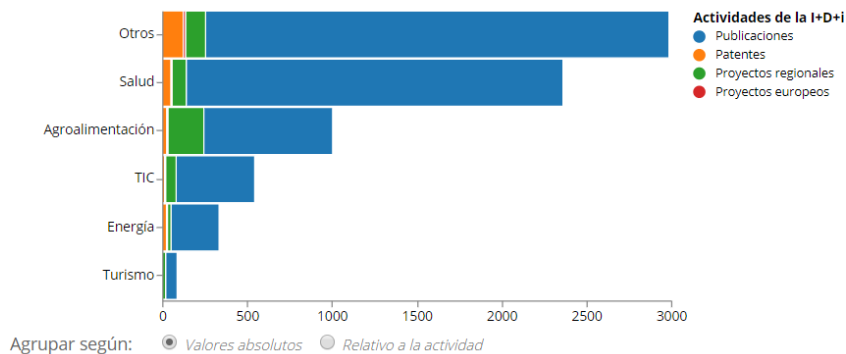
Evolución temporal

Organizaciones

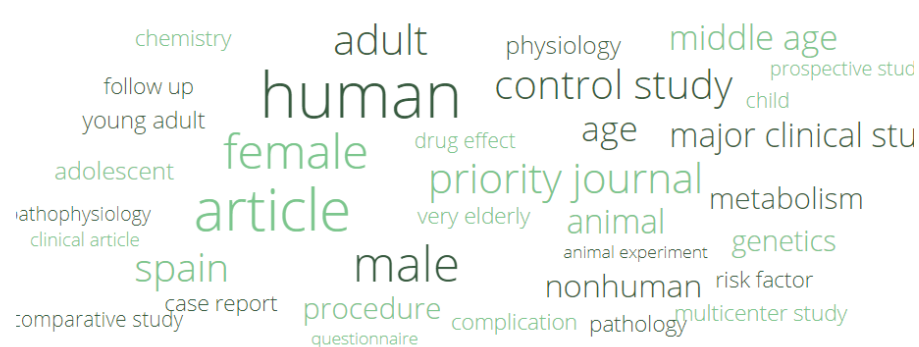
Socios externos

Lista de proyectos

Número de actividades de la I+D+i por área de excelencia



Palabras clave más relevantes presentes en los resultados I+D+i



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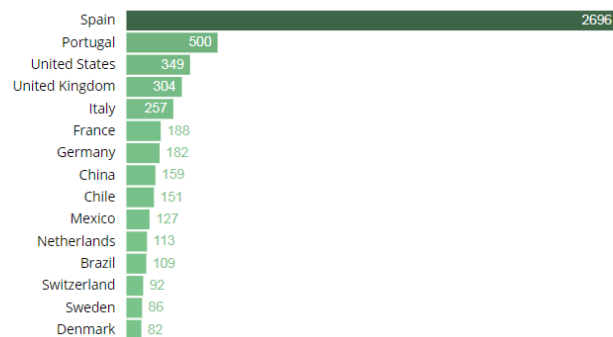
Socios externos

Lista de proyectos

Publicaciones

Proyectos europeos

Ranking de países de procedencia de los socios según número de publicaciones



Ranking de socios según número de publicaciones



estrategia
RIS3
Extremadura

Extremadura's
Research
and Innovation
Strategy for
Smart Specialisation
2014-2020

www.ris3extremadura.es

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