



# RIS3 and Soil Mission: Extremadura case

24<sup>th</sup> January, 2024

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**JUNTA DE EXTREMADURA**



# Extremadura region – Facts & Figures



## Territory and population

**41,635 km<sup>2</sup>**

8.2% of the total Spanish territory

More extensive than Belgium or The Netherlands

**1.05 million inhabitants**

Similar population as the city of Cologne (Germany)

**25.3 inhabitants/km<sup>2</sup>**

One of the least densely populated regions in Spain

Below one third of the EU average (30inh/km<sup>2</sup>)

**3 cities concentrate 28% of regional population**

## Natural Resources

Rich **natural and cultural** heritage, with an **outstanding biodiversity**

**>30%** of the territory under some sort of **environmental protection**

One of the largest **reservoirs of fresh water in Spain** (14,000 Hm<sup>3</sup>)

**3 World Heritage Site cities**

**Low level of pollution:** Rural and Urban

## Extremadura region – Facts & Figures

### Socio-economic context

**Low GDP Per capita:** 19,072€ (2021)  
Below the EU average (29,900€)

**High unemployment rate:** 17.62% (2022)

**99.53%** of regional enterprises are **SME**

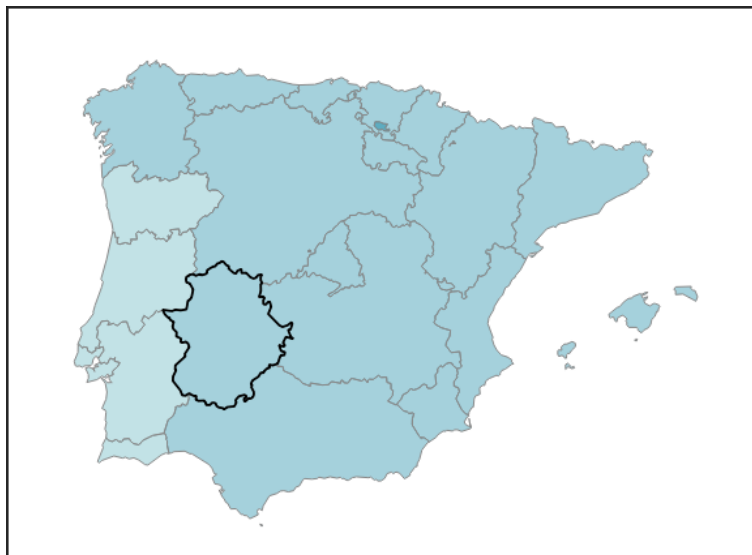
Regional economy strongly linked to the **tertiary sector**  
Non-market services account for 26.08% of GVA

Less developed **industry sector**, mainly related to energy, agro-industry, cork industry, textile industry and ornamental stone industry

**Agriculture is a key economic sector:** 12.4% Share of employment in Agriculture & Mining (2021)



# Extremadura region – R&I context

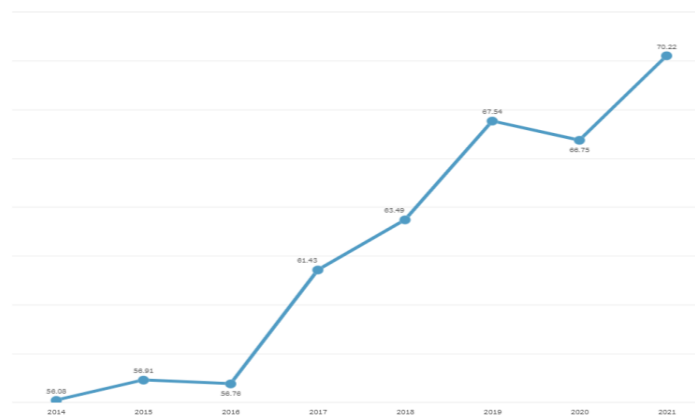


## Cohesion criteria

- 2014-2020: Less-developed region
- 2021-2027: Less-developed region

## Regional Innovation Scoreboard 2021

- Emerging Innovator +
- Score (2021): 70,2



## Regional Competitiveness Index 2022

- Rank: 194/234

## R&D performance (Eurostat, 2019):

- Total R&D expenditure: 139 Euro Million
- R&D expenditure (% GDP): 0.68%

## R&I funds (2014-2020) [1]

Cum. ESIF R&D per capita  
**269.52**

Cum. EU H2020 per capita  
**13.59**

TEDv comparison indicators for Extremadura ▼

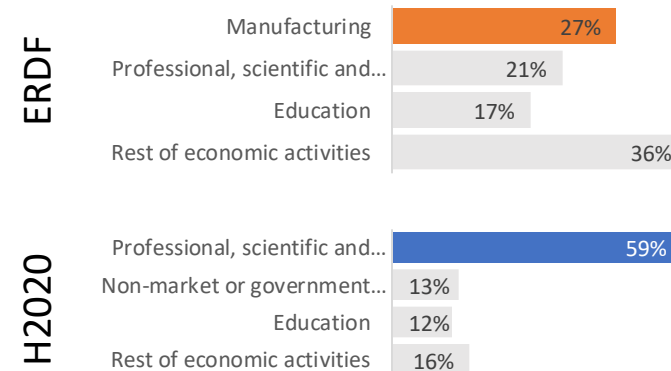
% total R&D expenditure  
**29.34%**

(Average contribution of ESIF-TO1 for total R&D)

% total R&D expenditure  
**1.48%**

(Average contribution of H2020 for total R&D)

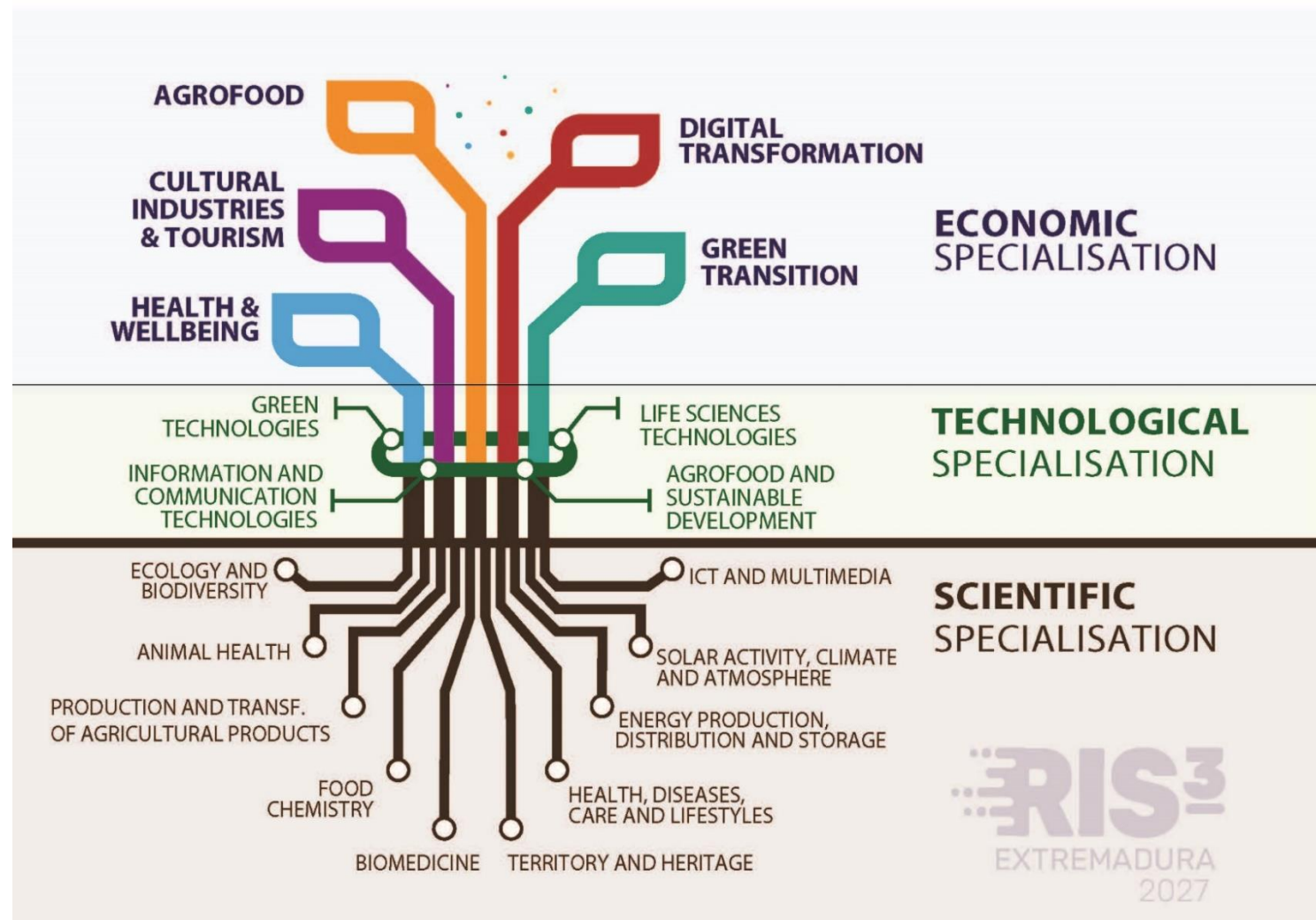
## R&I funds sectorial concentration 2014-2020 [1]





# Smart Specialisation Strategy 2021-2027

- Economic Priorities
- Technological Priorities (KETs)
- Scientific Priorities
- Smart Specialisation Approach
  - Leverage scientific-technological capabilities
  - Interconnect sectors effectively
  - Guide investments, resources, and activities
- Market Opportunities
  - Capitalize on local, national, and international markets
  - Foster regional socio-economic development



## RIS3 Strategic Objectives



### **S01/ Strengthening the regional ecosystem**

Strengthen the regional science and technology offer and orient it towards the innovation needs of companies



### **S02/ Industrial transition**

Activate business investment in R&D&I and improve their capacities for smart specialisation



### **S03/ Equality, communication and internationalisation of the R&D&I ecosystem**

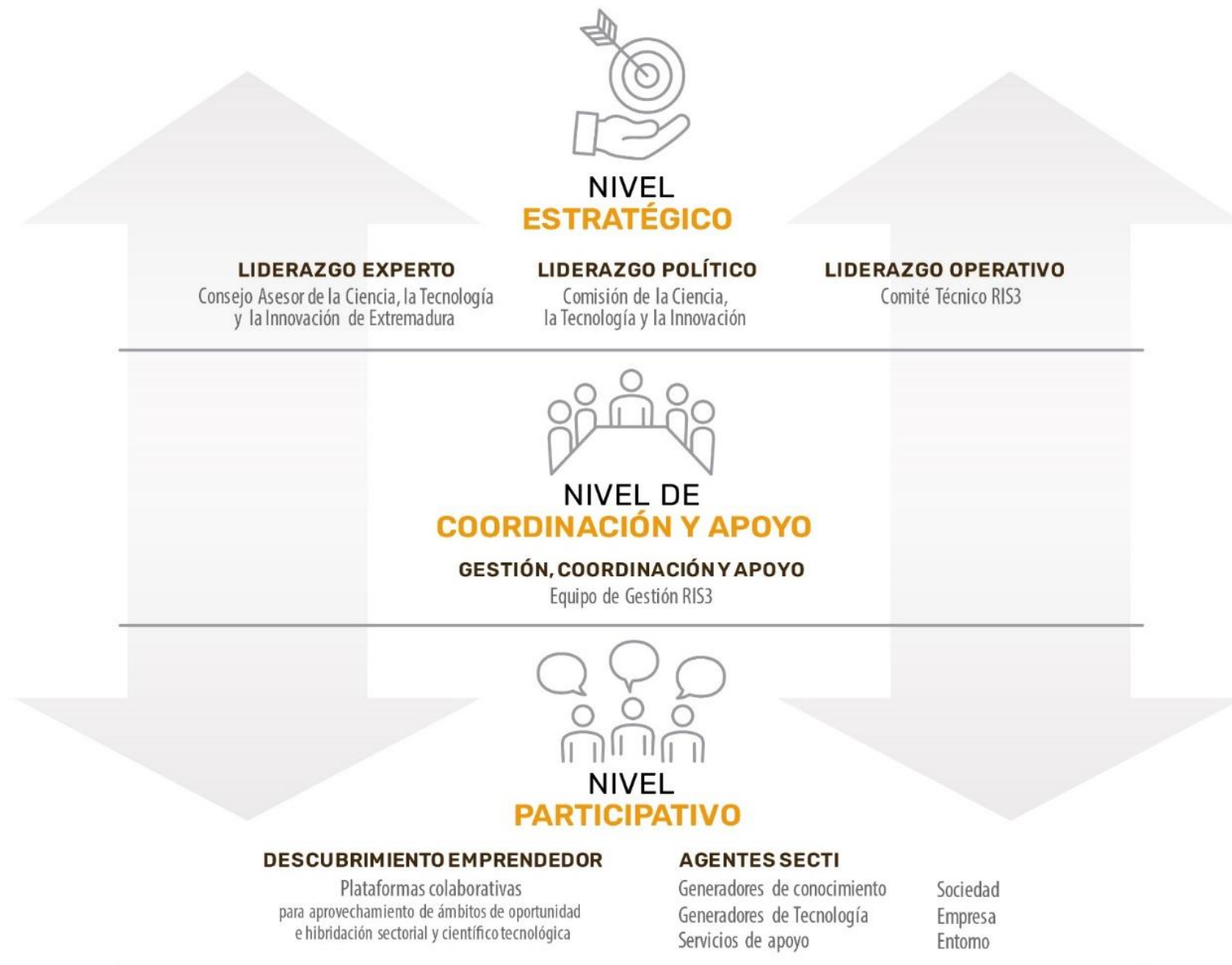
Promote gender equality, dissemination and diffusion of S&T and the openness of R&D&I ecosystem to foreign cooperation



### **S04/ Deployment of the Entrepreneurial Discovery Process (EDP)**

Help in the identification and exploitation of new areas of opportunity through sectorial and technological cross-fertilisation

# RIS3 Extremadura Governance Model



## RIS3 Collaborative Platforms approach

What?

*Collaborative space for the effective development of the entrepreneurial discovery process.*

Approach

*Specific challenges of relevance to Extremadura and the agents of its R&D system.*

Beneficiaries

*Stakeholders from any sector (quadruple helix) with an interest in a shared challenge.*

Why?

*Collaboration for the identification and design of entrepreneurial discovery initiatives that contribute to the achievement of a challenge or mission.*

Expected results

*Designing strategic collaborative projects for the region.*



## Co-creation process

1

### DESIGN & FUNCTIONAL PROPOSAL

**Platform definition and design process.**

The identified stakeholders have defined the objectives, functionalities and challenges of the Platforms.

2

### IMPLEMENTATION

**Construction and implementation of the Platforms.**

Based on a model that ensures the involvement and participation of stakeholders virtually and in person.

3

### DYNAMISATION

**Dynamisation of the Platforms.**

RIS3 collaborative meetings, working groups and co-creation spaces will be held to enable the creation of a real community.

Face-to-face



Online





Co-creation process

## MISSION

The **mission** of the Collaborative Platforms is to **promote, create, consolidate and manage collaborative processes** that aim to **encourage and strengthen the entrepreneurial process** in the region.

## HOW?

Collaborative Platforms will **interconnect companies, technologies and knowledge** in order to **exchange ideas, identify possibilities for collaboration and create new opportunities**.

# RIS3 Collaborative Platforms

## Face-to-face spaces



**RIS3 COLLABORATIVE  
MEETINGS**



**CO-CREATION WORKSHOPS**



**COLLABORATIVE WORKING  
GROUPS**

## On-line spaces



**STRATEGIC INITIATIVES**

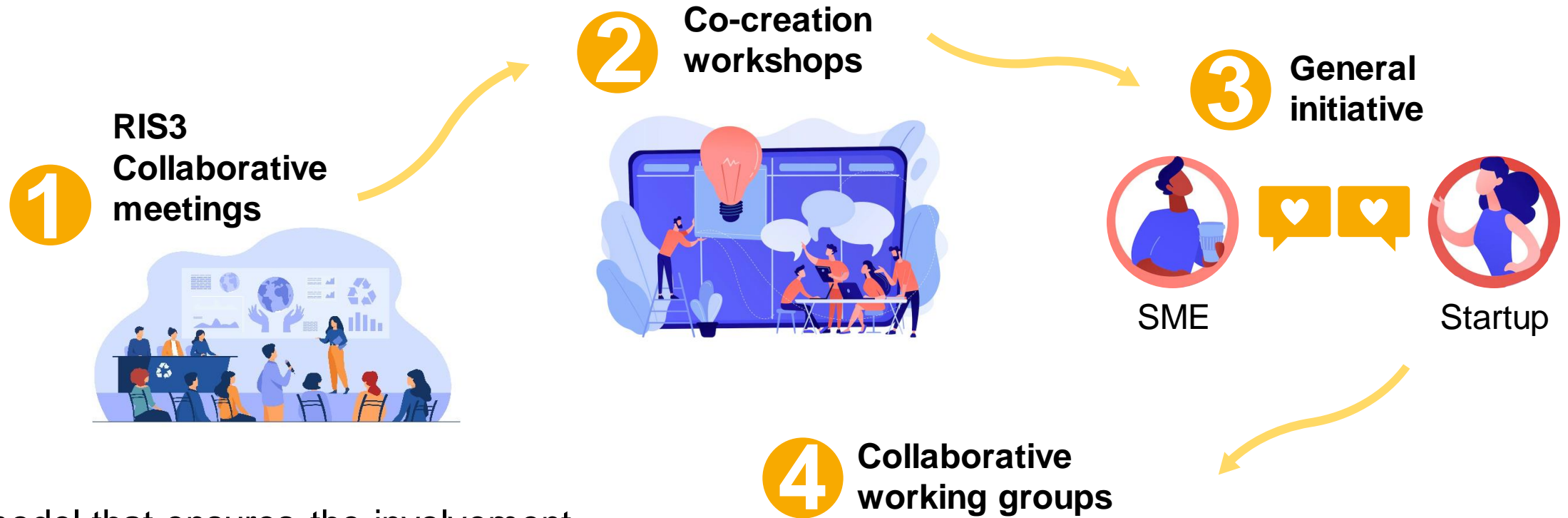


**OPEN INITIATIVES**



**GENERAL INITIATIVES**

# RIS3 Collaborative Platforms



A model that ensures the involvement and participation of stakeholders in a present and virtual way.

# HUMUS EXTREMADURA

Comunidad Regional para la Salud del Suelo



**HuMUS**  
**Extremadura**  
**Comunidad Regional**  
**para la Salud del Suelo**



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# Fostering the Soil Mission through EDP

## Descripción

**HuMUS Extremadura** es un grupo creado en el marco del Proyecto europeo "HuMUS" cuyo objetivo principal es involucrar y movilizar a municipios y regiones para proteger y restaurar la salud del suelo.

El enfoque participativo del Proyecto HuMUS incluye una amplia gama de stakeholders regionales: ciudadanos, agricultores, propietarios y gestores de tierras, consumidores, organizaciones de la sociedad civil, instituciones de investigación, empresas y autoridades públicas a nivel regional y nacional.

El objetivo de este grupo "**HuMUS EXTREMADURA**", ubicado en el entorno de las Plataformas Colaborativas RIS3 Extremadura 2027, será crear un espacio para debatir, para compartir desafíos, soluciones y sugerencias y, sobre todo, para crear conciencia de Comunidad en torno a la salud del suelo en la región.

**Site of the Project:** <https://humus-project.eu/>

**HuMUS Project in LinkedIn:** <https://lnkd.in/em3mQd8U>



## Datos de la iniciativa

### Ámbito:

Agroalimentación, Transición Ecológica

### Palabras clave (tags):

Suelo, Salud Suelo, Misión Suelo, Proyecto HuMUS, Municipios, Regiones

### Plazo predefinido:

Permanente

### Tipo de colaborador buscado:

Colaboradores

### Cantidad de solicitudes:

8

### Cantidad de conexiones:

8

**RIS<sup>3</sup>**  
EXTREMADURA  
2027

**Thank you!**

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