



9 April 2019

Castilla y León

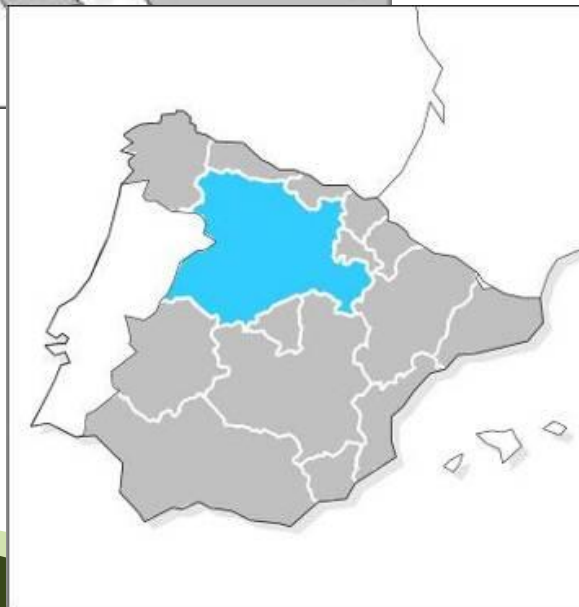
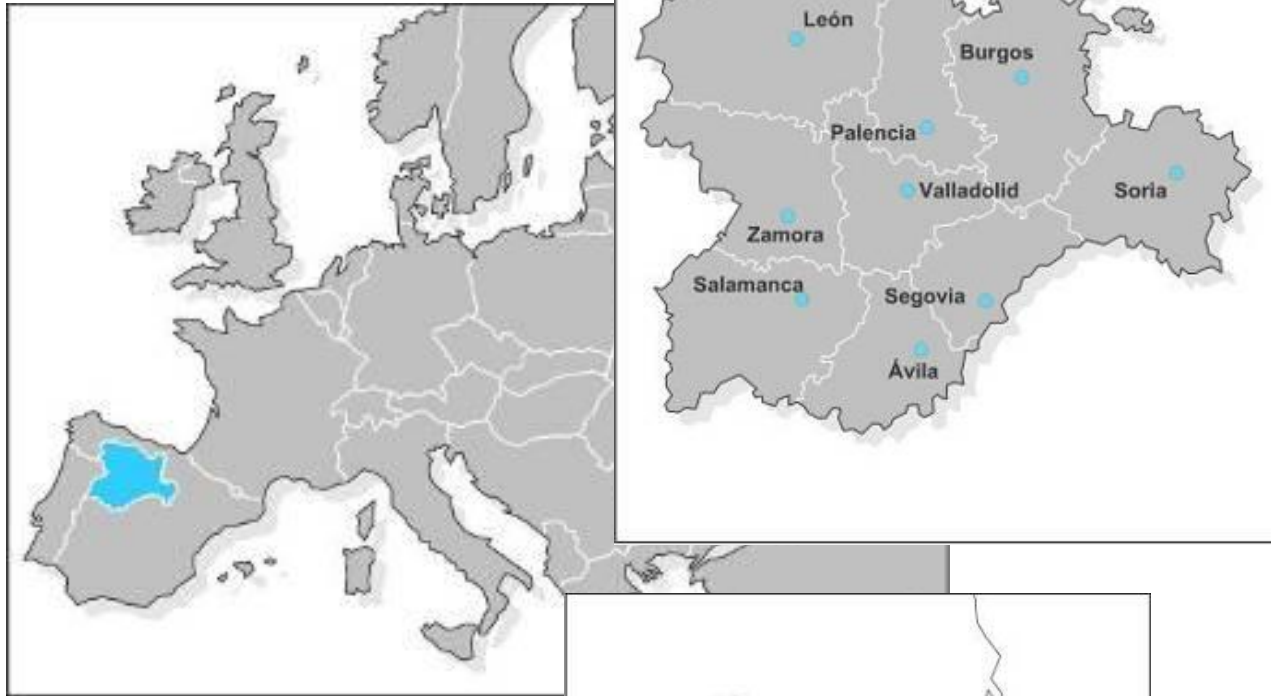
EU Cluster Matchmaking Event

Santa Bárbara Foundation · León

# *INSTITUTE FOR BUSINESS COMPETITIVENESS OF CASTILLA Y LEÓN*

**Mrs. Beatriz Casado**

**Director of the “Innovation & Entrepreneurship” Department**



# CASTILLA Y LEÓN

## Surface:

- 95,000 km<sup>2</sup>
- one of the largest regions in Europe

## Local administration:

- 9 provinces
- 2249 municipalities

## Population:

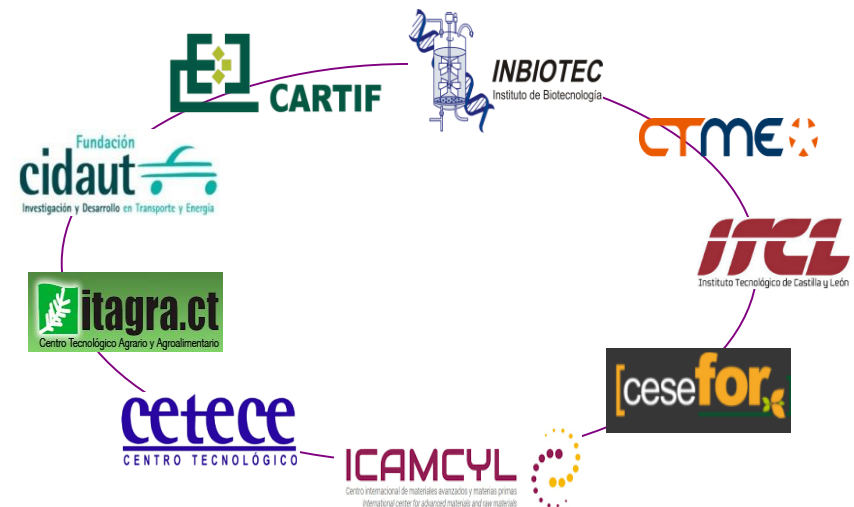
- 2.4 million inhabitants
- 25.58 inh/km<sup>2</sup> –Spain: 92.47 inh/km<sup>2</sup>

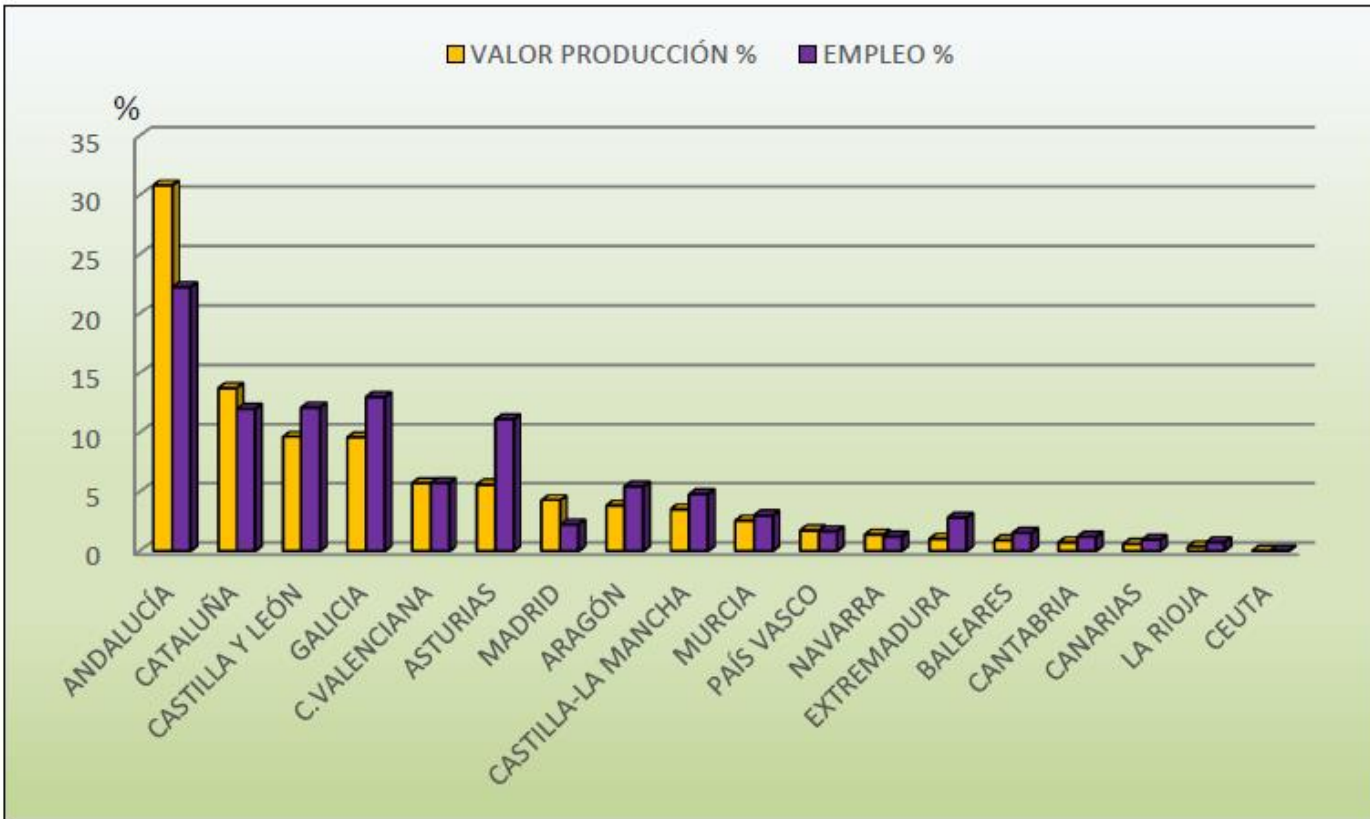
## GDP per capita:

- 2017: 23.555 €

## Solid Science - Technology - Enterprises System

- 9 Universities, 14 campus
- 23 Research University Institutes
- 3 National Public Research Centers
- 2 Technology and 2 Scientific Parks
- 9 Technology Centers
- Companies, Clusters, financial organisms

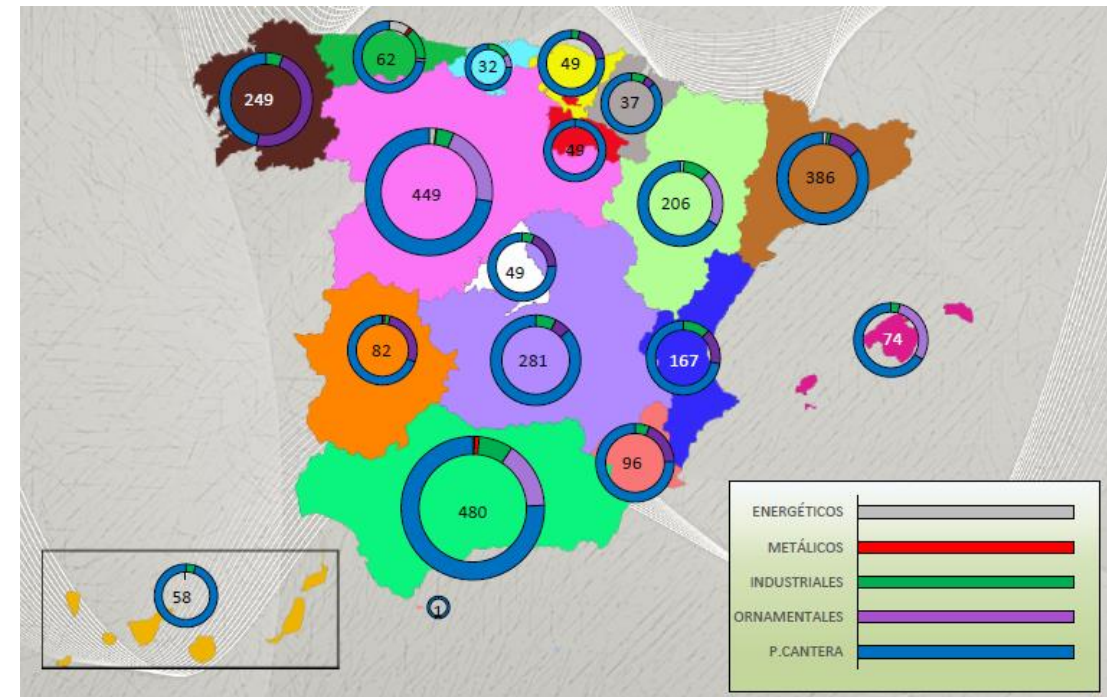




## 449 exploitations

- VALTREIXAL in Zamora (Wolfram and tin)
- BARRUECOPARDO in Salamanca (Wolframio)
- OTERO in Segovia (Copper, zinc, silver, tin and tungsten)
- RETORTILLO in Salamanca (Uranium)

Value Mineral production CyL 2016: 290,3 M€  
 Mining sector represents 10% Regional GDP  
 Third position at a national level  
 3.515 direct jobs



## APPROACH

- **Commitments:**
  - Legislature investiture speech (29th July 2015) and Regional Parliament Commission for Economy and Finance (1st September 2015)
  - State of the Region debate, (29th June 2016), draft for public information in 2016
- **The strategy is integrated and coincides with two existing plans:**
  - The Director Plan for Industrial Promotion
  - The Plan to Increase Activity in Coal Mining Municipalities (frame period 2016-2020)
- **Approval by the Council of Government in 2017**
- **Its structure is based on:**
  - Demonstrating the wide mineral potential of the region**
  - Adopting administrative measures to create appropriate conditions to ensure the development of actions and projects that activate the latent mining potential**
  - Supporting the mining business sector and the mining municipalities, joining efforts in harmony with the society and focusing in its internationalization**



## OBJECTIVES

**OBJECTIVE 1: Administration:** Reconfiguring the administrative model to contribute to achieve improvements in the mining sector. It must be at the forefront to tackle those changes from an intergovernmental co-ordination which could imply an added value to the mining system.

**OBJECTIVE 2: Mining Sector:** Boosting the improvement of the mining activities competitiveness which will develop the mining potential in Castilla y León. It will strengthen specific aspects of mining sector capacities in order to be revitalized. On the other hand, it will increase the tools and human resources, as a turning point in its evolution and with new criteria for social and environmental sustainability.

**OBJECTIVE 3: Society:** An improved integration of mining activities in the whole society and its sustainable integration in the territory.

The key aspects are:

- (I) Obtaining a social license to operate, which means that only if there is a progress in their relation with the society, mining projects will be accepted, and therefore, developed.
- (II) Mechanisms for dialogue should be implemented, looking for socio-environmental consensus and generating shared values.

**Regional Innovation: Smart  
Specialization Strategy  
(RIS3)**

**Regional Operational  
Programme (OP), support  
to R&i projects,  
investments, financing and  
internationalisation**

**Castilla y León Strategy for  
Innovation,  
Entrepreneurship and Self-  
Employment -> Business  
Innovation Network**

**Integration of thematic,  
Synergies, Cross-Sector  
approach,...**

**European Innovation Partnerships (EIPs)**

**Technology PUSH -> Innovation Hubs**

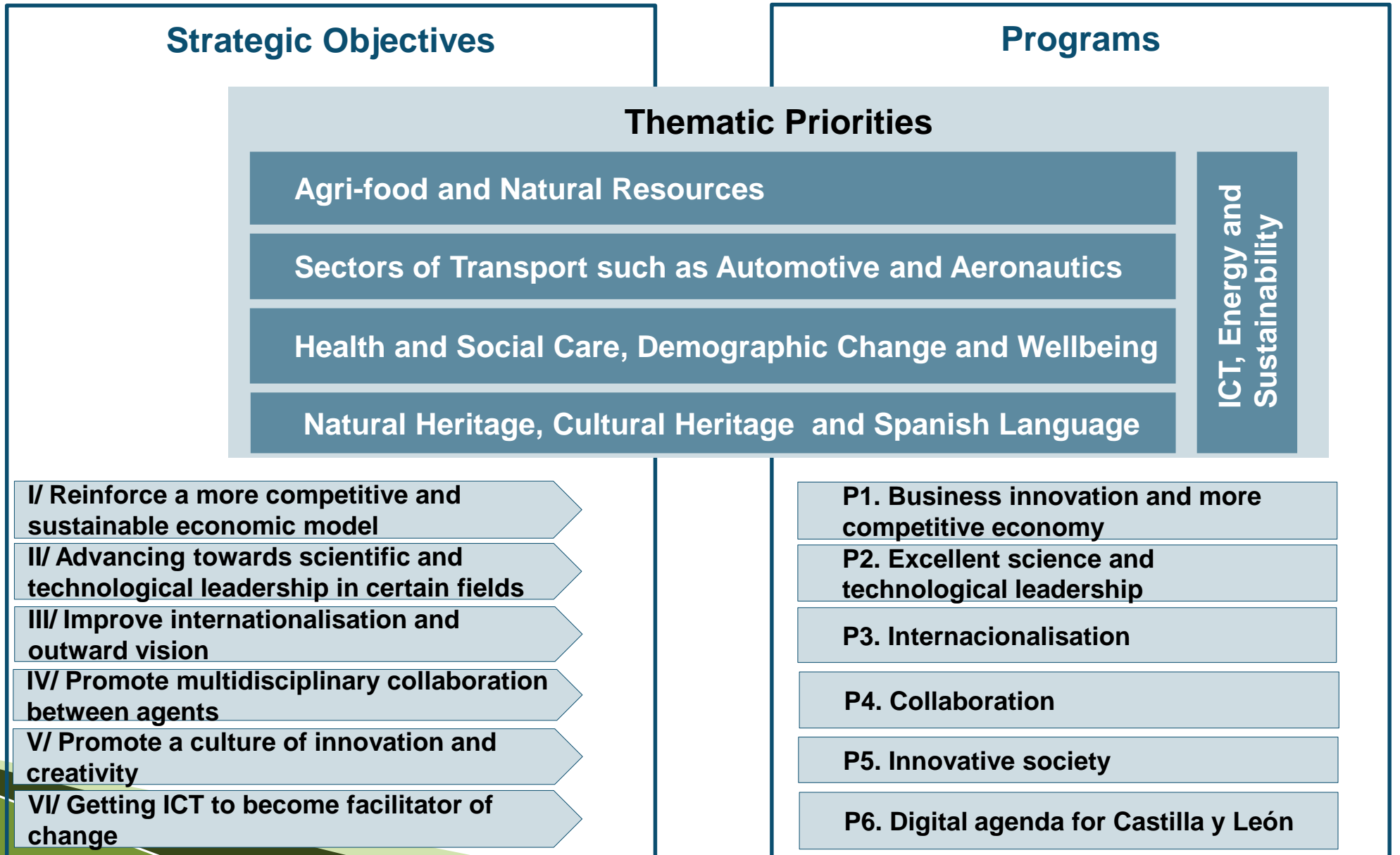
**Market PULL -> TSSP Thematic Smart  
Specialisation Platforms**

**Leadership and participation in the  
Commitments, Action Clusters, Pilot  
Actions and Platforms.**

**European Projects (FP7, H2020,  
Interreg, Life,...) & International  
Networking**

**Promotioning the participation of  
Regional entities / municipalities  
/ companies / stakeholders in  
European projects, platforms  
and initiatives.**

**Partners in International Networks**





# Recommendations from the mid-term assessment - guidelines for the 2018-2020 update



- clear **commitments** in key areas, for concentrate **resources** and **instruments**
- simplify the Strategy's **structure**, redesigning the **programmes** and **goals**
- review the goals for adapting the **objectives**
- review the **thematic priorities** for better aligning with the national and EU challenges



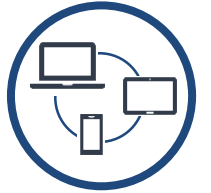
## Flagship Initiatives

Seven emblematic initiatives have been proposed for Castilla y León  
2018-2020

RIS3

Circular  
BioeconomySocial-Health  
Innovation

Industry 4.0

Connected  
SchoolsKnowledge and  
Competitiveness

Cybersecurity

Staircase of  
Excellence

- Selected based on installed capacities or with high growth potential in the region, which also respond to European challenges.
- The objective is the concentration of resources and instruments around initiatives with high visibility.
- With the participation of several Regional Ministries and managing bodies



Education

Health



Tourism

Economy and Industry



Estrategia de  
**Emprendimiento  
Innovación y  
Autónomos**  
de Castilla y León

**ENTREPRENEURSHIP,  
INNOVATION and SELF-  
EMPLOYMENT  
STRATEGY of CASTILLA y LEÓN**



EMPRESARIOS  
Y AUTÓNOMOS

## Entrepreneurship & Self Employment

- ❖ Innovator
- ❖ Inclusive
- ❖ Social
- ❖ Rural
- ❖ Consolidation of companies



COMPETITIVIDAD  
DESARROLLO RURAL

## Rural Competitiveness and Development

- ❖ Action Plan in Rural Areas
- ❖ Rural innovation and competitiveness
- ❖ Growth and Diversification of Rural Businesses
- ❖ Consolidation of Companies and Self-Employed



ESPECIALIZACIÓN  
SECTORIAL

## Sectoral Specialisation

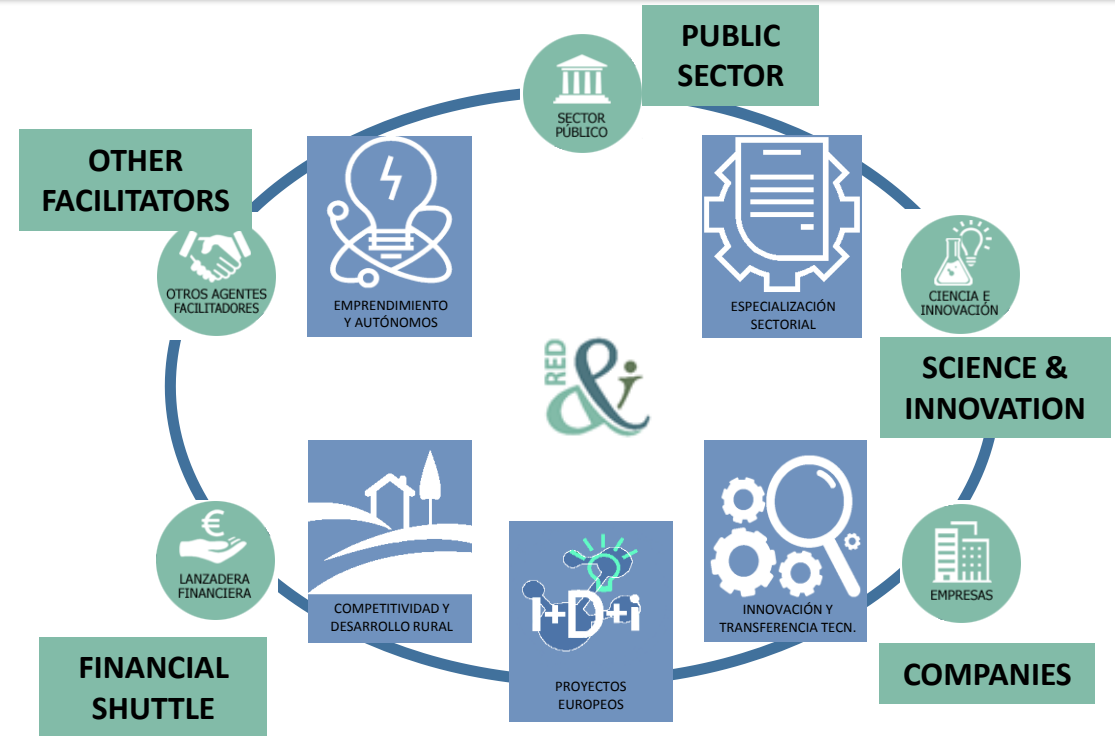
- ❖ Clusters
- ❖ Industry 4.0
- ❖ Bioeconomy



INNOVACIÓN Y  
TRANSFERENCIA TECN.

## Innovation & Technology Transfer

- ❖ Business Innovation
- ❖ Technology Leaders
- ❖ Technology Transfer
- ❖ Places for Innovation



- The Network seeks to generate a community open to entrepreneurship, talent and innovation through public-private partnerships, the strengthening of inter-sectoral relations, the interconnection of its partners to generate new value projects and the inclusion of innovation as a driver for any kind of entrepreneurship.
- More than 100 members.



**ENTREPRENEURSHIP AND INNOVATION NETWORK**



## ENTREPRENEURSHIP, INNOVATION AND AUTONOMOUS STRATEGY

### **Retain and Attract Talent**

**Promote new creative companies**

**Boost innovative business based on the  
emergence technologies**

**Accelerate the transformation and  
technological adaptation of our  
companies.**

**Promote all the entrepreneurs comes  
closely linked to innovation**

## → INTERNATIONALISATION

### → INVESTMENTS



- Business creation
- Investment projects in SMEs
- Regional Incentives
- Business projects im Mining Areas

### → R&D&i



- Promotion of Innovation in SMEs, Innovation-Services Vouchers
- R+D projects
- Transfer of knowledge to SMEs
- Integration of ICT solutions in SMEs
- R&D Projects in ICT sector
- Strategic R&D Plans
- Basic & Applied R&D projects done by Technology Centers
- European R&D ERANET projects (Susfood, M-ERAnet, Manunet and ERAMIN)

- International Expansion of SMEs



Strategy / Innovation  
Network / EIPs / DIHs  
/ TSSPs

**+Info**

<http://www.empresas.jcyl.es/>

[info.ice@jcyl.es](mailto:info.ice@jcyl.es)

## ■ Training Programmes

programa  
**gestidi**®



## ■ Technology Transfer Programmes





R&i International Services

EEN – Enterprise Europe Network

Participation in Specialized Networks:  
PROMETIA, ECSO, ERANETs

Participation in European Networks:  
ERRIN, EURADA, ERIAFF

Participation in European Projects  
and Pilot Actions: REMIX, MSP  
REFRAM, CYBER VALLEYS, CRECEER,  
IoTEC,...

Promotion of Regional Participation in  
European Projects

ICE Office in Brussels

Specialized Networking, Participation in  
Project Development Workshops and  
Brokerages, Positioning, Trust Generation  
/ Credibility in the Ecosystems

Awareness, Support to Companies with  
the Capacity and Interest to Participate,  
Support to the Empowerment /  
Positioning of Companies / Leading  
Agents

Specialized Services from Technological  
Centers

Incubation, Acceleration, Scaling Up

Support Services, Financial Services,  
Unified Business Support Office

CENTR@TEC – Expert Workshops  
and Training in new technologies

CENTR@TEC – Diagnostics and  
Implementation Plans

CENTR@TEC – Internationalization  
of R&i

CENTR@TEC – Innovative Projects  
Bank

ACCELERATION MODEL in ICE (Start  
Ups)

Comprehensive Service for  
Entrepreneurs

EU projects in raw materials  
sector with participation of  
CyL stakeholders:



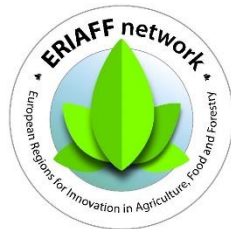
Participation in commitments EIP Raw Materials:

1. INCOMES: Magnesium / Magnesite
2. PPS: Legislation
3. Stand4Mines: Sustainability in the mining activity
4. PolymetOre: Low grade ores
5. SUMAN 2000: Non-energy mineral extraction – Red Natura
6. Taurus: Thermodynamic assessment
7. C&D-WRAM: CDR
8. CARBOCYCLE: Recycling Process for CFRP (Carbon Fibres Reinforced Plastic)
9. RESET: Raw elements substitution in electronic and optoelectronic technologies
10. SUBST-EXTREME: Sustainable substitution in extreme conditions
11. METGROW: Metal recovery from low grade ores & wastes
12. BioAlMinore: Bio-mining and bio-mineralization techniques
13. EHI: Creation of a European Hydrometallurgical Institute
14. InTrain4RM: International Training Center For Raw Materials
15. NATUREUROSTONES: European database on natural stones
16. RAW-NANOVALUE: CRM. Nanotechnology as a vehicle for substitution
17. CYCLEFIBER: ReCycle of Fiber-based Materials → 3D Manufacturing
18. MIREU: EU network of mining and metallurgy regions

## ✓ Participation in European Networks



**ERRIN** European Regions Research and Innovation Network

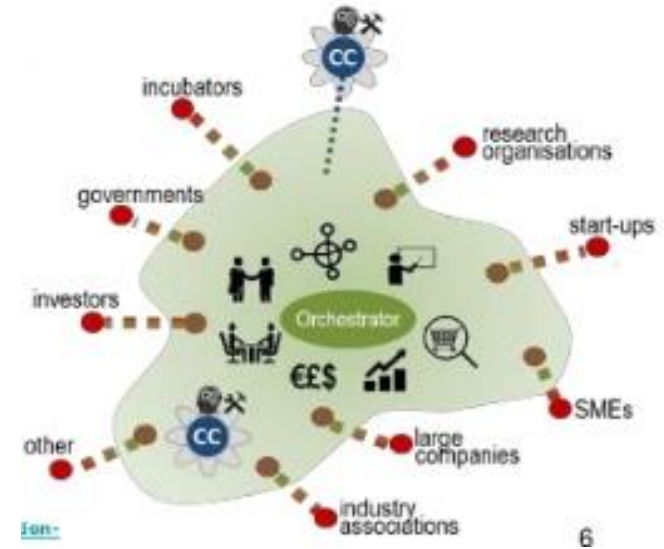


## ERA-NETs



## ✓ Participation in European Initiatives

### DIHs



### EIP Commitments

Thank you very much for your attention

Gracias!

INSTITUTE FOR BUSINESS  
COMPETITIVENESS OF CASTILLA AND LEÓN



[www.empresas.jcyl.es](http://www.empresas.jcyl.es)