INSTITUTE FOR BUSINESS COMPETITIVENESS OF CASTILLA Y LEÓN

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CASTILLA Y LEÓN

Surface:
• 95,000 km²
• one of the largest regions in Europe

Local administration:
• 9 provinces
• 2249 municipalities

Population:
• 2.4 million inhabitants
• 25.58 inh/km² – Spain: 92.47 inh/km²

GDP per capita:
• 2017: 23.555 €
CASTILLA Y LEÓN

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
Value Mineral production CyL 2016: 290,3 M€
Mining sector represents 10% Regional GDP
Third position at a national level
3,515 direct jobs

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)
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:
  1. Demonstrating the wide mineral potential of the region
  2. Adopting administrative measures to create appropriate conditions to ensure the development of actions and projects that activate the latent mining potential
  3. 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.


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

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.

Castilla y León Strategy for Innovation, Entrepreneurship and Self-Employment -> Business Innovation Network
Integration of thematics, Synergies, Cross-Sector approach,…

European Projects (FP7, H2020, Interreg, Life…) & International Networking
Promoting the participation of Regional entities / municipalities / companies / stakeholders in European projects, platforms and initiatives.
Partners in International Networks
Strategic Objectives

I/ Reinforce a more competitive and sustainable economic model
II/ Advancing towards scientific and technological leadership in certain fields
III/ Improve internationalisation and outward vision
IV/ Promote multidisciplinary collaboration between agents
V/ Promote a culture of innovation and creativity
VI/ Getting ICT to become facilitator of change

Programs

P1. Business innovation and more competitive economy
P2. Excellent science and technological leadership
P3. Internacionalisation
P4. Collaboration
P5. Innovative society
P6. Digital agenda for Castilla y León

Thematic Priorities

- Agri-food and Natural Resources
- Sectors of Transport such as Automotive and Aeronautics
- Health and Social Care, Demographic Change and Wellbeing
- Natural Heritage, Cultural Heritage and Spanish Language
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
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
ENTREPRENEURSHIP, INNOVATION and SELF-EMPLOYMENT STRATEGY of CASTILLA y LEÓN
Entrepreneurship & Self Employment
- Innovator
- Inclusive
- Social
- Rural
- Consolidation of companies

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

Sectoral Specialisation
- Clusters
- Industry 4.0
- Bioeconomy

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.
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
FINANCIAL SHUTTLE - REGIONAL SUPPORT - GRANTS

➡️ INVESTMENTS
- Business creation
- Investment projects in SMEs
- Regional Incentives
- Business projects in Mining Areas

➡️ INTERNATIONALISATION
- International Expansion of SMEs

➡️ 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-ERAne, Manunet and ERAMIN)

【+Info】
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OTHER SERVICES / SUPPORT

- Training Programmes
- Technology Transfer Programmes
<table>
<thead>
<tr>
<th>SERVICE/Support</th>
<th>Description</th>
</tr>
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<tbody>
<tr>
<td>R&amp;i International Services</td>
<td>EEN – Enterprise Europe Network</td>
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<tr>
<td>Participation in Specialized Networks</td>
<td>PROMETIA, ECSO, ERANETs</td>
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<tr>
<td>Participation in European Networks</td>
<td>ERRIN, EURADA, ERIAFF</td>
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<tr>
<td>Participation in European Projects and Pilot Actions</td>
<td>REMIX, MSP, REFRAM, CYBER VALLEYS, CRECEER, IoTEC,…</td>
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<tr>
<td>Promotion of Regional Participation in European Projects</td>
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<td>ICE Office in Brussels</td>
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<tr>
<td>Specialized Networking, Participation in Project Development Workshops and Brokerages, Positioning, Trust Generation / Credibility in the Ecosystems</td>
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<tr>
<td>Awareness, Support to Companies with the Capacity and Interest to Participate, Support to the Empowerment / Positioning of Companies / Leading Agents</td>
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<tr>
<td>Specialized Services from Technological Centers</td>
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<td>Incubation, Aceleration, Scaling Up</td>
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<td>Support Services, Financial Services, Unified Business Support Office</td>
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<tr>
<td>CENTR@TEC – Expert Workshops and Training in new technologies</td>
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<td>CENTR@TEC – Diagnostics and Implementation Plans</td>
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<td>CENTR@TEC – Internationalization of R&amp;i</td>
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<td>CENTR@TEC – Innovative Projects Bank</td>
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<td>ACELERATION MODEL in ICE (Start Ups)</td>
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<td>Comprehensive Service for Entrepreneurs</td>
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Participation of Castilla y León, companies/stakeholders, in the Raw Materials EIP Commitments and EU Projects

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

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
13. EHI: Creation of a European Hydrometallurgical Institute
15. NATUREEUROSTONES: 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
CONNECTING TO EUROPE

✓ Participation in European Networks

✓ Participation in European Initiatives

DIHs

EIP Commitments
Thank you very much for your attention

Gracias!

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