

SMART SPECIALISATION PLATFORM



Castilla y León

NUTS 2:

ES

ES41

Facts & Figures

Capital: Valladolid

Size: 94,225.9 km²

Population: 2,479,326

Regional GDP: 54,891

% of the National

GDP: 5.23

Regional GERD (%):

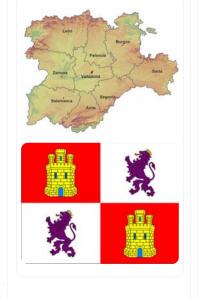
1.15

% of Unemployment:

16.7

S3 related Region's

Website



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S3

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S3 Priorities as Encoded in the "Eye@RIS3" Tool

Capabilities Description **Target Markets** Priorities 1. Manufacturing Agro-food & sustainable use of natural resources: Food security, & industry development of bio-industries. agriculture, livestock and 1. Agriculture, 2. Food, Sustainable continental aquaculture, food quality and food technology, forestry & fishing beverage & innovation bio-energy & forestry tobacco products Transport: Productive efficiency in the transport sectors, in 1. Manufacturing particular in automotive and aeronautics. applications of KETs & industry such as advanced materials (incl. nanocomposites and 1. Transporting & Sustainable 2. Motor vehicles graphene), ICT, biotechnology (bio-polymers, use of bio-fuels storage innovation & other transport and bio-catalysts) and advanced manufacturing and processing. equipments sustainability, security & mobility

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Health, social care, demographic change & well-being: Biomedical research & applications, innovative medicines, research and innovation in social care, ageing & ambient-assisted living. cancer research & new therapeutic and diagnostic solutions, biomedical research, attention to long-term patients, technologies for social inclusion. KETs: biotechnology (cellular therapy, molecular diagnostic, pharmacology, tissue engineering), ICT (e-Health), advanced materials (biopolymers, nanomaterials)

Cultural and natural heritage & Spanish language: Heritage and language as endogenous resources for economic development and social welfare. application of KETs to diagnostics, conservation, and management. environmental sustainability, climatic change and water. application of ICT and new productive processes in languages. advanced materials (new treatments for wood, stone, and other materials, advanced materials for the conservation of cultural heritage). language technologies & applications to cultural heritage. biotechnology (bio-damagers, bio-cleaning and bio-consolidation) & fossil DNA

ICT: Cybersecurity, applications and technologies of mobility, M2M communications, big data and cloud computing technologies & Internet of the future

Energy & sustainability: Technologies for energy management, energy efficiency, renewable energies, environmental sustainability of industry & human habitat (buildings, constructions etc.). smart cities, energy efficient buildings, factories of the future, sustainable processing industry through resource and energy efficiency. ICT applied to energy and sustainability (home automation, district heating and cooling, monitoring), advanced materials (biomaterials, recyclable and recycled materials, new treatments for wood and construction materials), advanced manufacturing & processing

1. Human health	 Human health 	
& social work	& social work	1. Public
activities	activities	health &
2. Human health	2. Human health	security
activities	activities	2. Ageing
(medical	(medical	societies
services)	services)	

- Creative,
 cultural arts &
 entertainment
 Creative, arts
 entertainment
 activities
- 1. Creative, cultural arts & entertainment
- 1. Cultural & creative industries

- 1. Information & communication technologies (ICT)
- Information & communication technologies
 (ICT)
- 1. Digital Agenda

- Energy production & distribution
- 1. Construction

Sustainable innovation

RIS3 Related Links

Region Related News

European Commission, Joint Research Centre

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