



S3 Platform Peer Review for National RIS3

Cooperation of national and regional administrations in Spain

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24th june 2013

Summary



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- 1. General Information**
- 2. Strategic Framework**
- 3. Spanish RDI Network**
- 4. Spanish Strategy for Science, and Technology and Innovation –EECTI- and RIS3 Coordination**

General Information



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- Kingdom of Spain
- Parliamentary Monarchy
- Bi-continental country, Europe and Africa
- Central Government: two cameras
- 17 Autonomous Regions
 - 17 Autonomus Parlaments
- 2 Autonomous cities
- 47.190.493 inhabitants
- *Spain is the 4th european country on size*

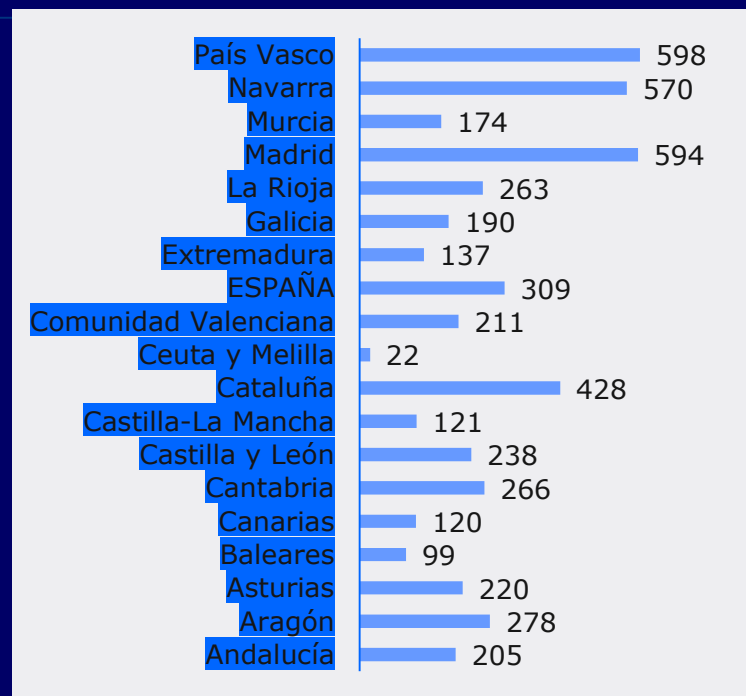
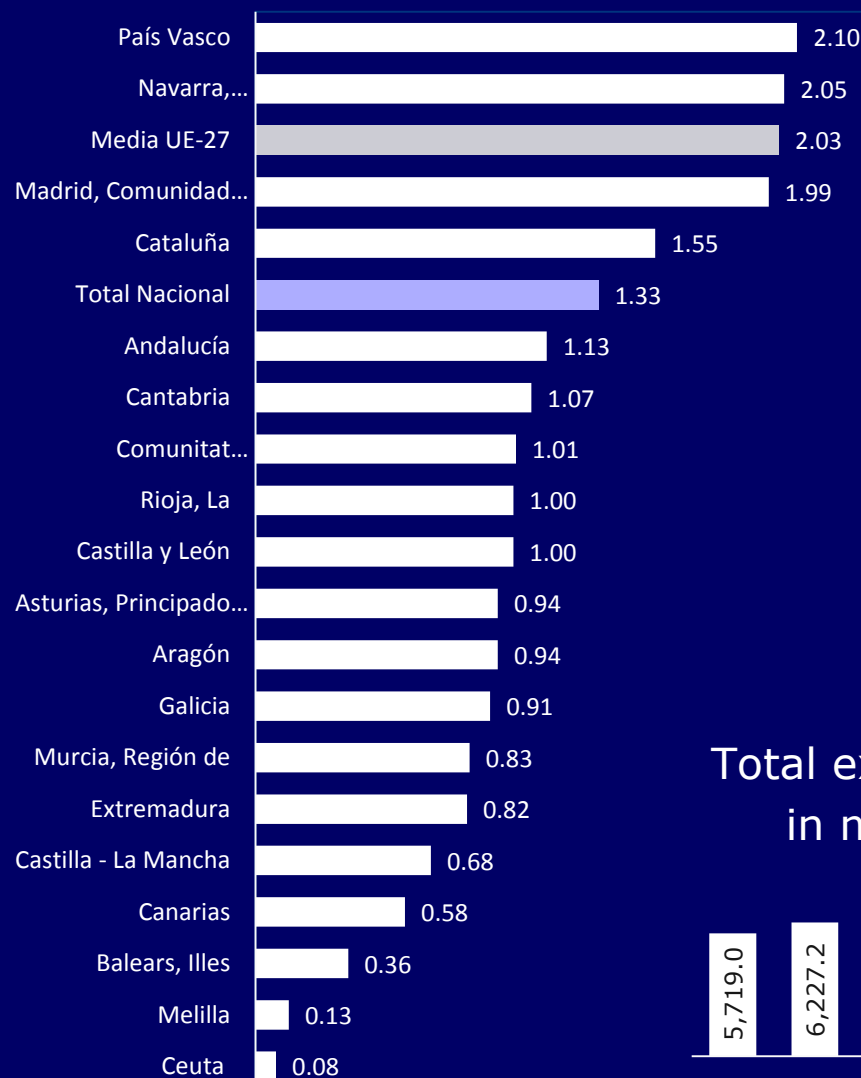


General Information

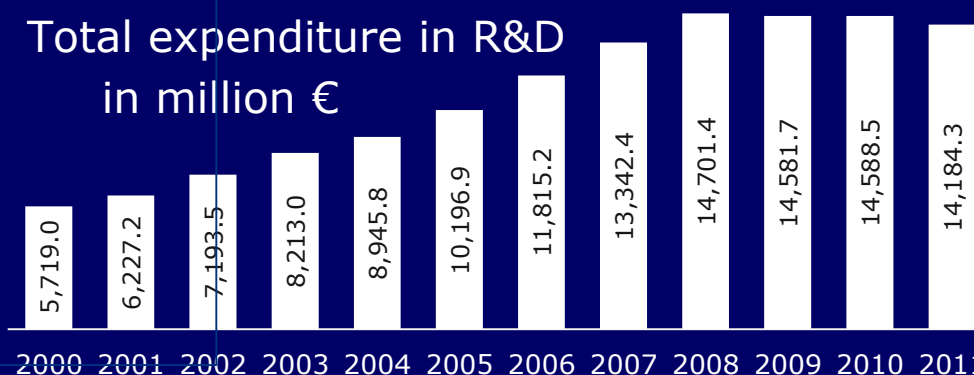


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Regional expenditure. % of GDP



Total expenditure in R&D in million €



Fuente: INE. Elaborado por FECYT

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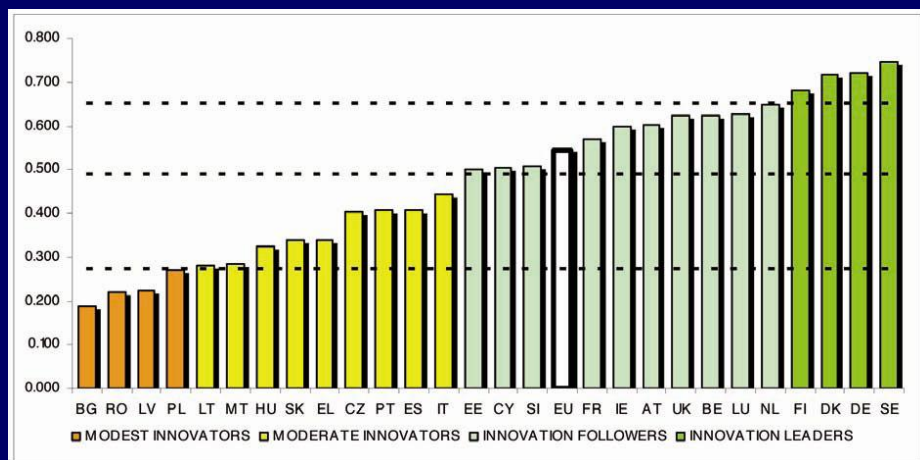
General Information



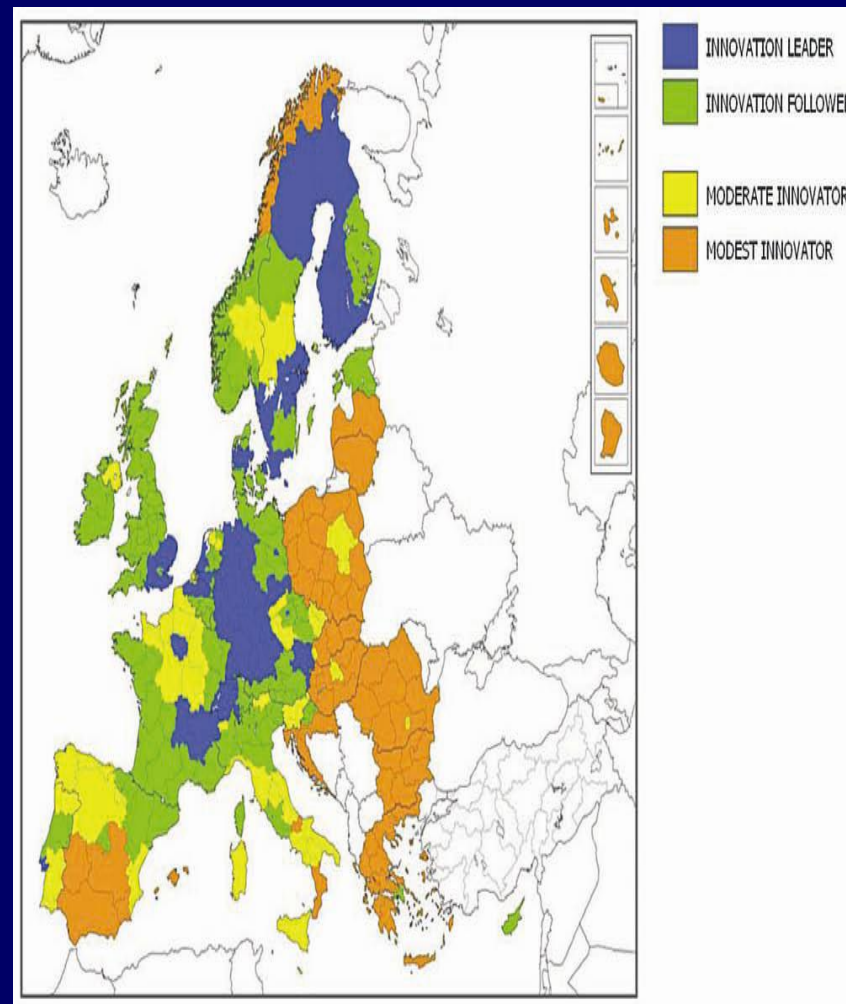
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■ IUS 2013

Spain 16th (moderate innovators)



with some regions ranking medium or high innovators



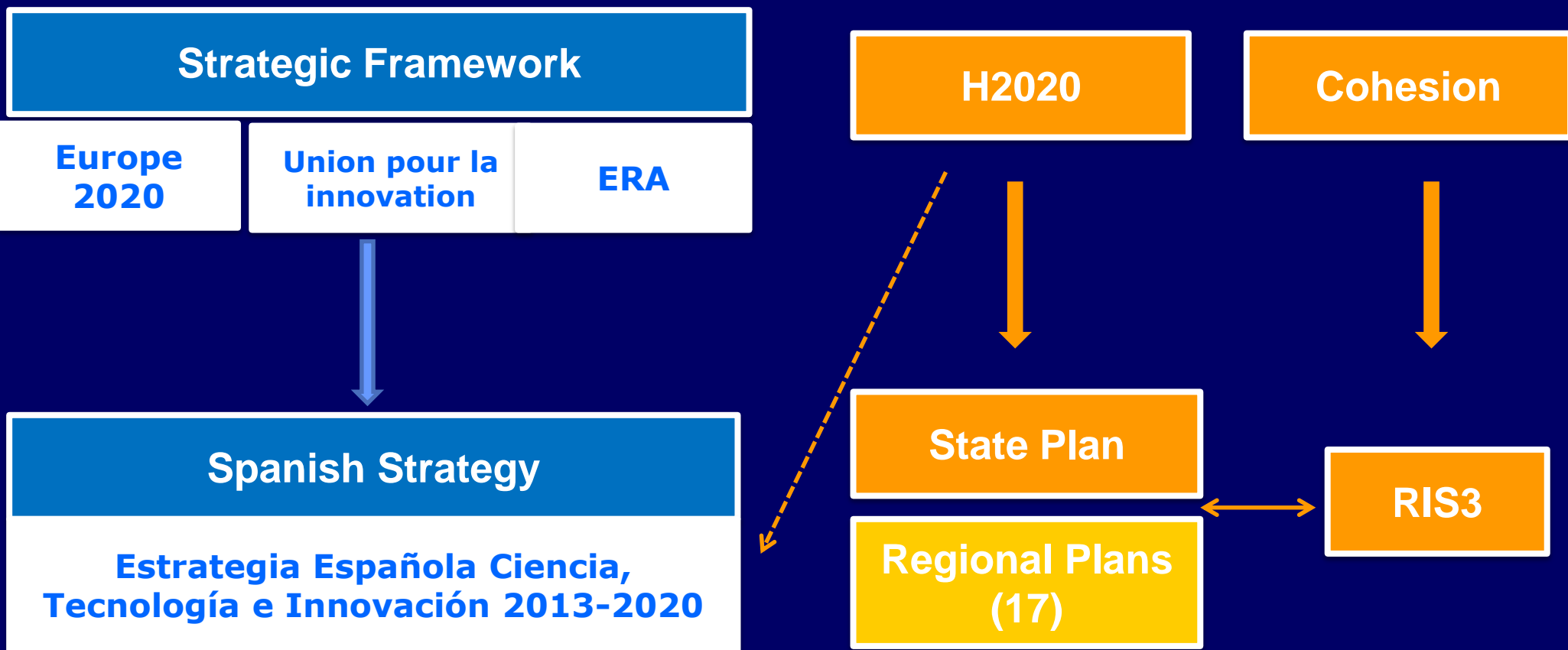
- ❑ Strengths in science and technology at European level
 - ❑ Food, agriculture and fisheries, energy, ICT, security, biotechnology and environmental science and technologies (including the water sector).
 - ❑ In terms of scientific quality, the most prominent scientific work in Spain is in energy, security, transport and materials.
 - ❑ Spain's scientific specialization index shows that the main scientific fields are food, agriculture and fisheries, ICT, security, but also construction technologies and humanities.
 - ❑ Patenting strength in Catalonia, Madrid and the Basque country, although Aragon and Cantabria are also present in energy patenting.
 - ❑ In Patenting in industrial sectors, Catalonia has particular strengths (within the highest 25th percentile) in organic fine chemistry, pharmaceuticals, food chemistry, while the Basque country has similar technology strengths in engines, pumps and turbines, thermal process and apparatus, furniture, games, other consumer goods, machine tools, electrical motors and green energy.

- Grow of investment on R&D
 - Investment in research and innovation (R&I) has grown substantially in Spain over the last decade, has even grown beyond the economic crisis
 - Excellence in science and technology has substantially improved
 - Fair degree of structural change towards a more knowledge- intensive economy and a slight upgrading of the R&D intensity in most manufacturing industries.
 - Rising contribution of high- tech and medium high- tech goods to the trade balance.
 - However the Spanish economy remains less knowledge- intensive than the EU economy as a whole.
 - Low investment levels
 - Excellence in science and technology still behind the EU average
 - Limited growth in innovative firms
 - Failures in R&D policy coordination between national and regional administrations
- Severe impact of economic crisis in Spain
 - International competition and the globalization of production on industries in which Spain is specialized, generally low technology driven and traditional sectors.
 - Need to invest in knowledge and to better ensure the effectiveness of this investment in creating a more knowledge – intensive economy.

Strategic framework



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Strategic framework



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- National Strategy, approved and adopted by central and regional governments
 - Common objectives, challenges, instruments and indicators
 - Research and Innovation agents involved in the definition process
 - Realistic SWOT analysis

To be developed through National RDI Plan and RIS3 Regional Strategies

- Spanish Strategy for Science and Technology and Innovation – EECTI -
 - Main elements:
 - Reforms covering the governance system, improving the
 - quality of human resources
 - the funding allocation system
 - knowledge transfer between actors
 - Stronger coordination between national and regional R&I policies and instruments
 - Objectives and priorities aligned with those of Europe 2020, the Innovation Union and Horizon 2020

Strategic framework



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Main Principles

Objectives

Priorities axes

**Coordination
Mechanisms**



Joint Programming and cofinance
Common evaluation criteria
Integrated Information System
Administrative simplification
Open Acces publication
Favourable frame for private investment

Strategic framework



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Council for Scientific, Technological and Innovation Policy

- 10 ministries and 25 regional representatives
- Coordination, collaboration and cooperation between administrations to exploit smart regional specialization
- Multiply the R&D in terms of economic growth, employment generation and social welfare

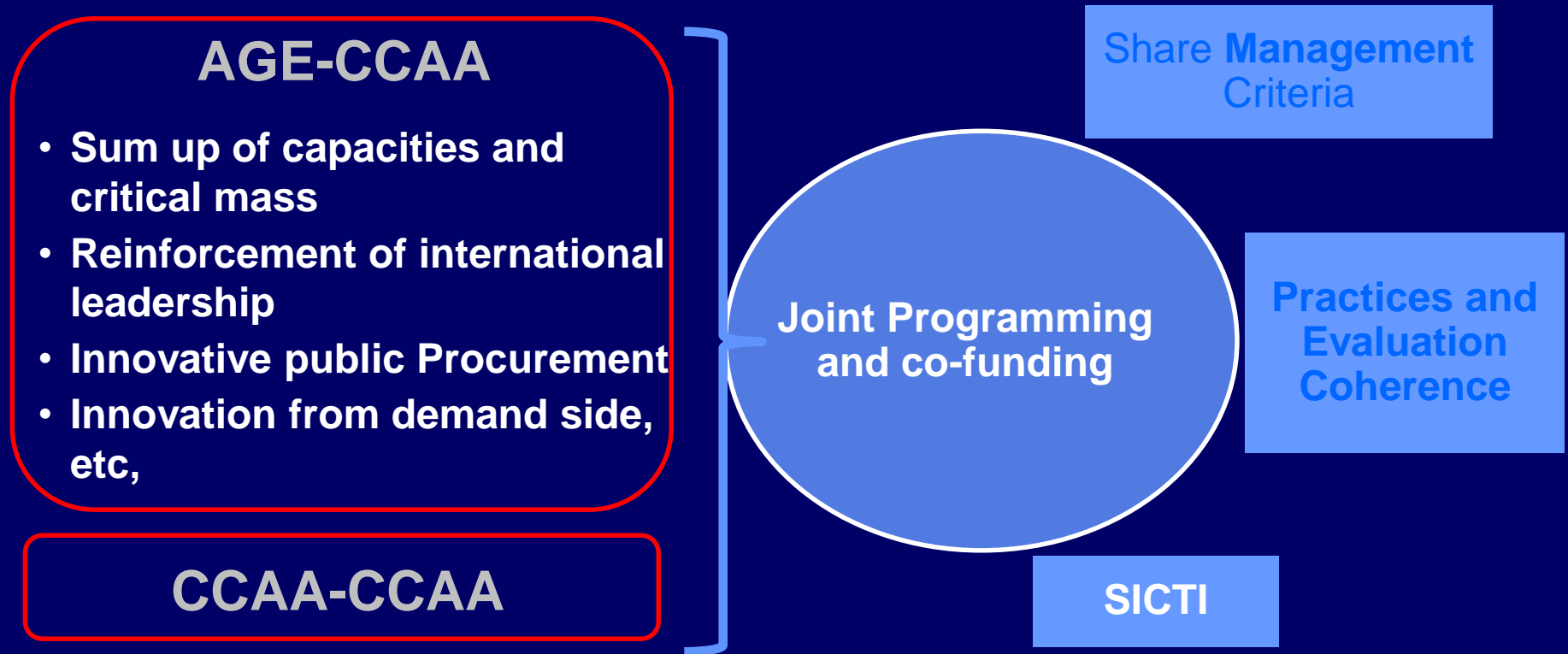
Advisory Council for Science, Technology and Innovation

- Integrated by scientific and technological community, economic and social agents, advising the government in R&D.
- 14 members: four officers and 10 social scientists, technologists and entrepreneurs of prestige.
- Quality, independence and transparency.
- Responsible for developing the Strategy

Strategic framework



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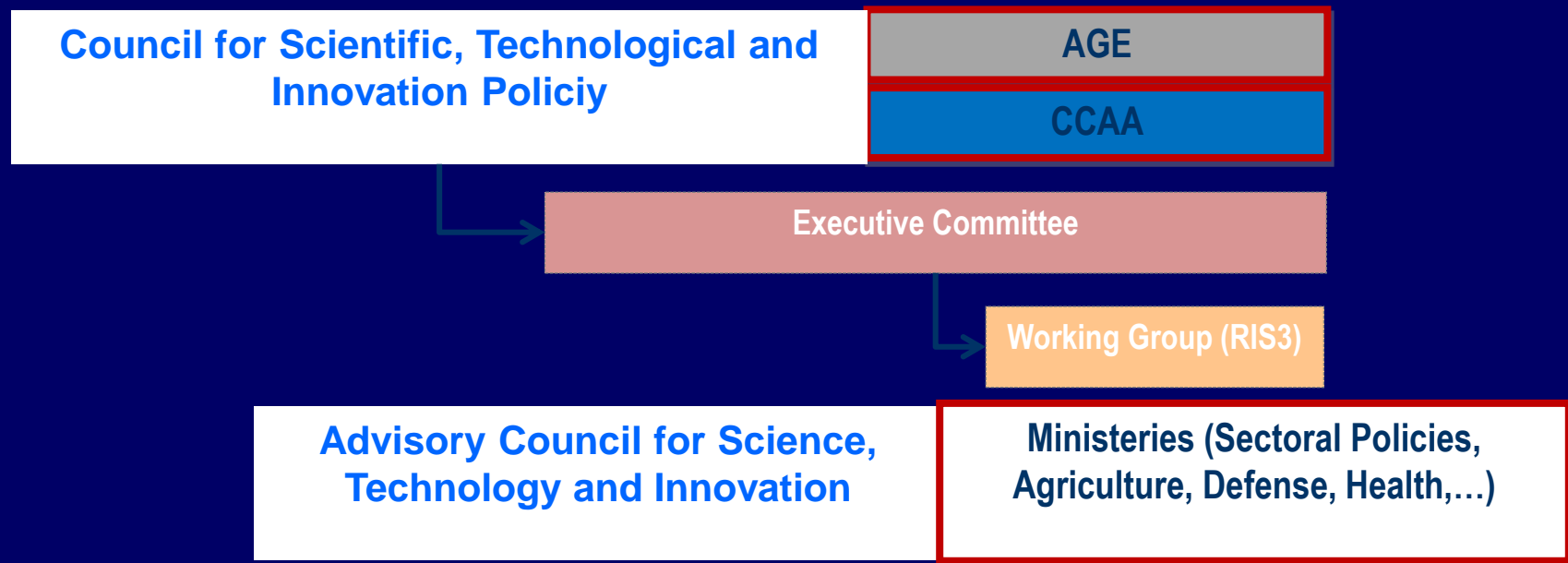


Strategic framework



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Elements for coordination



UNIÓN EUROPEA
FONDO EUROPEO DE
DESARROLLO REGIONAL
FEDER

"Una manera de hacer Europa"

- The Spanish Thematic Network for Public Policies on R&D&i acts as a meeting point for agents and entities from Central and Regional Governments with the aim of improving Innovation in Spain
 - Objectives
 - To **avoid duplication** in the definition of programs and use of resources
 - To foster the **cooperation** and dialogue among the different administrative levels
 - To generate **synergies** between actors and increase the support of innovation activities
 - To improve the **information systems**
 - To propose ways to increase the **use of** the programas funded with **ERDF**
 - To identify **priorities** in knowledge areas and / or sectors
 - Best practices **exchange**

HOME

ACTUALIDAD DE LA RED

GRUPOS DE TRABAJO

CASOS DE ÉXITO

Estás en: Inicio

MIEMBROS

SERVICIOS

CONTACTO

AGENDA

< MAYO DE 2013 >

L	M	M	J	V	S	D
29	30	1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31	1	2
3	4	5	6	7	8	9

Cáceres, 22 de mayo de 2013

Foro de la Innovación 2013-
Cáceres

Madrid, 23 de mayo de 2013

Jornada intercambio experiencias
España-Chile y seguimiento RIS3

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ICONO

OBSERVATORIO ESPAÑOL DE I+D+I

¿Qué es la Red I+D+I?

La Red de Políticas Públicas de I+D+I se constituyó en noviembre de 2010 en el Marco Estratégico Nacional de Referencia de España 2007-2013 como uno de los principales mecanismos de coordinación multinivel de las actuaciones públicas de I+D+I.



La Red se configura como un instrumento esencial para generar sinergias entre las actuaciones públicas de I+D+I regionales y nacionales, la Política Regional Europea y la Estrategia "Europa 2020" y contribuir así al diseño de una política comunitaria que haga de la Unión Europea la región más innovadora del mundo.



ACTUALIDAD DE LA RED

Extremadura, 7 de mayo de 2013

La Red de I+D+I y FUNDECYT-PCTEX organizan talleres sectoriales para avanzar en el desarrollo de la Estrategia de Especialización Inteligente

Madrid, 24 de abril de 2013

Representantes de I+D+I de Francia y España intercambian experiencias en la 3ª reunión del Grupo de Trabajo Transversalidad

PUBLICACIONES



III Plan de
Trabajo de la
Red de Políticas
Públicas de
I+D+I

Actuaciones
relevantes en la
red de Políticas
Públicas de
I+D+I 2012

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Síguenos



Spanish RDI Network



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PRESIDENCIA



GOBIERNO
DE ESPAÑA

MINISTERIO
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GOBIERNO
DE ESPAÑA

MINISTERIO
DE HACIENDA
Y ADMINISTRACIONES PÚBLICAS

PLENO

- Administración General del Estado (I+D+I y Fondo FEDER)
- CC.AA. (I+D+I y Fondo FEDER)
- Comisión Europea (D.G. Política Regional)
- Agentes sociales y otras Redes Sectoriales

GRUPO
ASESOR

SECRETARÍA
TÉCNICA

AGENTES
TERRITORIALES
DE LA
INNOVACIÓN
(ATIs)

NODOS DE
COOPERACIÓN
PARA LA
INNOVACIÓN
(NCIs)

GRUPOS
DE
TRABAJO

Technical Secretariat is in charge of coordination tasks, promotion and implementation of the activities of the Network as a whole, being the link between the permanent members (Chairs and Plenary) , the ATIs and NCIs

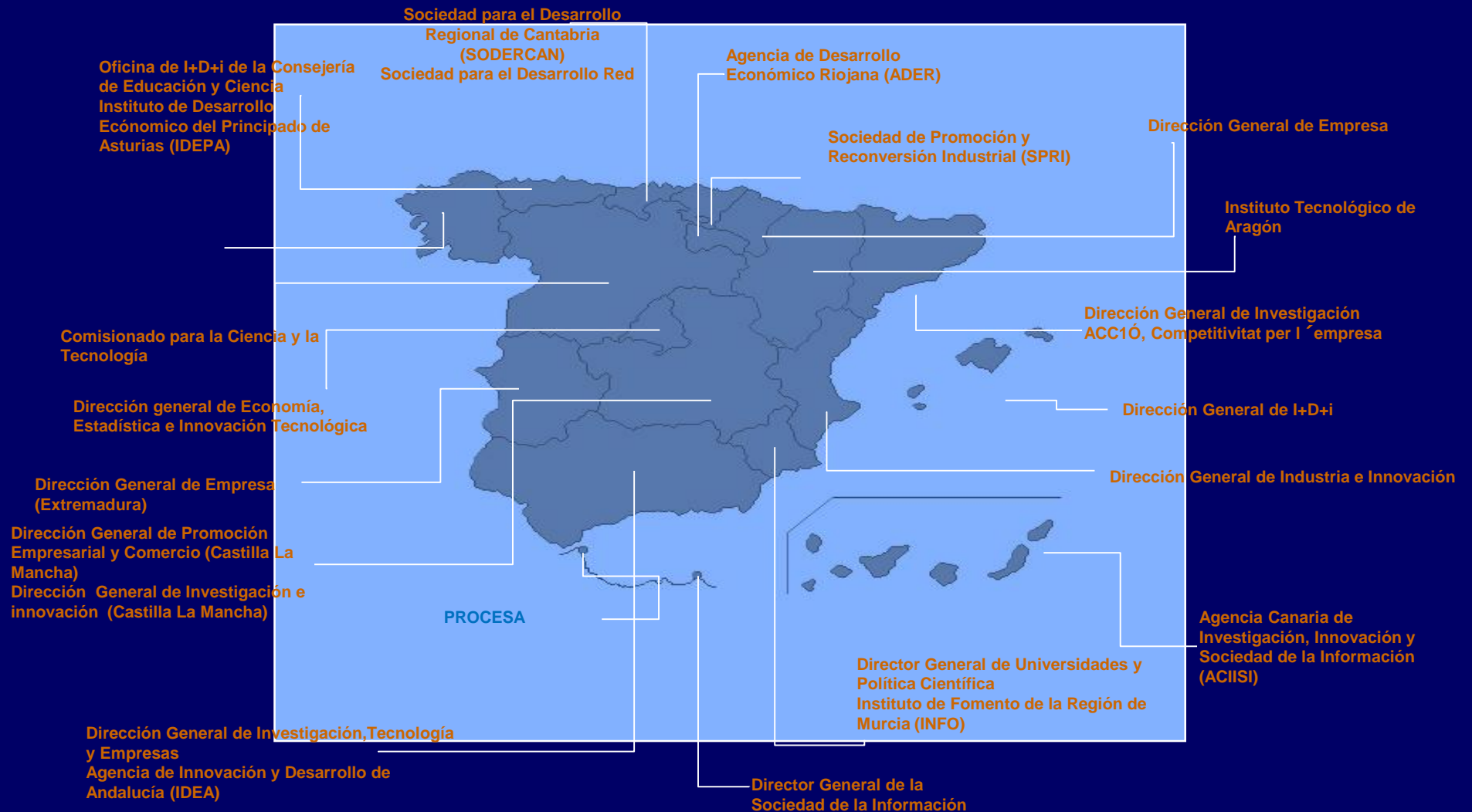
The Territorial Agents of Innovation (ATIs) are regional actors whose mission is to contribute to a better articulation between the objectives of the regional and national strategies for improving innovation

The Nodes Cooperation for Innovation (NCIs) are advisory and consulting firms whose primary mission is to help in maximizing the use of ERDF funds, especially the Technology Fund

Spanish RDI Network



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- The RDI Network plays an important role in the definition and development of the Regional RIS3 Strategies
- Through its working groups allows open discussions between stakeholders and national and regional policy makers for solving technical issues
- The open discussions and conclusions facilitate the formal decision making process, easing discrepancies
 - I.e. Interregional Thematic Sessions, where, by groups of regions, discuss about specific items related with the RIS3 methodological definition and implementation

EECTI and RIS3 Coordination



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Political and strategical framework

Spanish Strategy for Science and Technology and Innovation 2013-2020

ex ante conditionality

**Thematic
Coordination**

**Instrumental
Coordination**

Coordination

RIS3 Andalucía

RIS3 Asturias

RIS3 Aragón

RIS3 Baleares

RIS3 Canarias

RIS3 Cantabria

RIS3 Castilla La

RIS3 Castilla y León

RIS3 Cataluña

RIS3 C. Valenciana

RIS3 Extremadura

RIS3 Galicia

RIS3 La Rioja

RIS3 C. Madrid

RIS3 Navarra

RIS3 País Vasco

EECTI and RIS3 Coordination



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[illegible]

- Coherent and comprehensive picture which facilitates the coordination of efforts:
 - avoiding duplications
 - empowering synergies
 - creating critical mass
 - allowing complementarities between Regions and State
 - Identifying areas for joint programming and cofinance



Thanks a lot for your attention

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