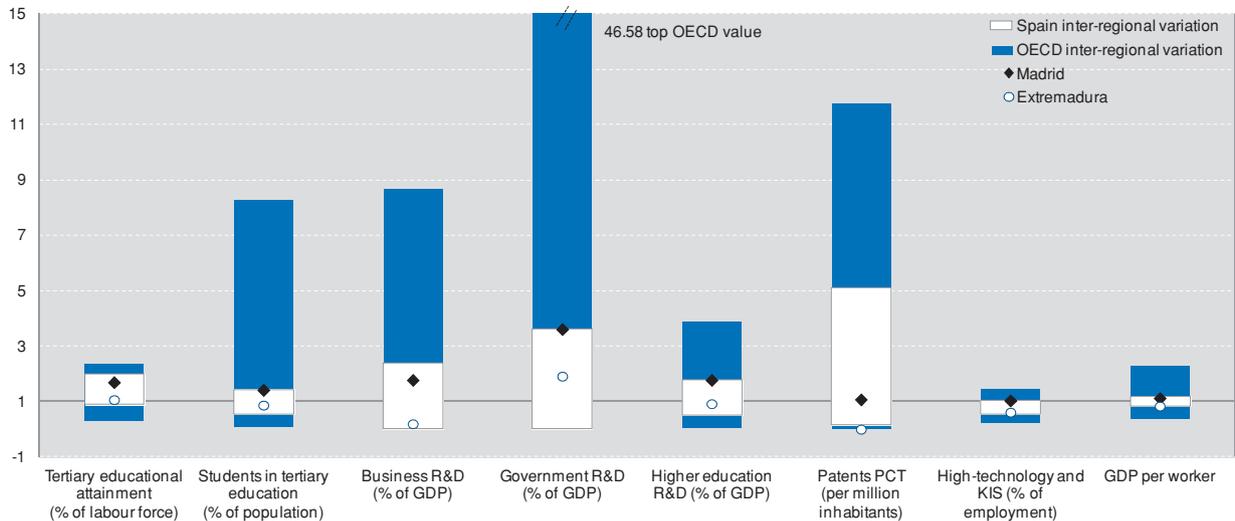


Spain

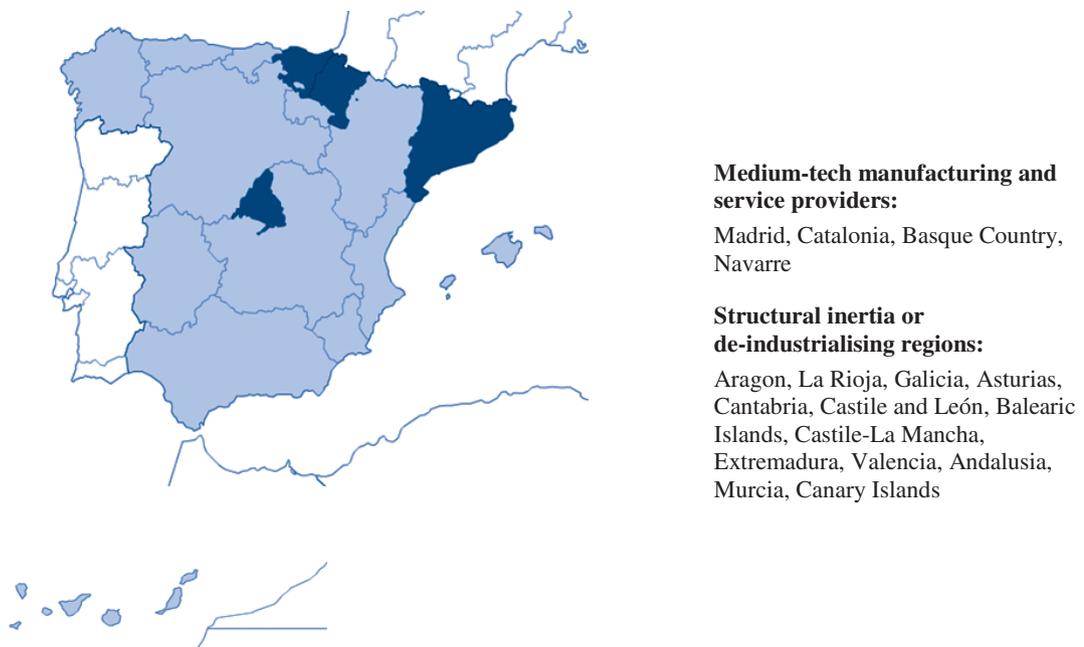
Figure 7.33. Summary of innovation indicators: inter-regional variation



Notes: Data is for 2007 or latest year available. Each variable is normalised to an OECD median of 1 for regions with data. The light colour band represents the range of values for the country. The dark band represents the range of values for OECD regions. Not all OECD regions have data for all variables.

Source: Calculations based on data from the *OECD Regional Database*.

Figure 7.34. Categorisation of OECD regions in country



Note: Colours range from dark to light based on the type of region present in the country with available data. This map is for illustrative purposes and is without prejudice to the status of or sovereignty over any territory covered by this map.

Source: Calculations based on data from the *OECD Regional Database*.

Table 7.34. Overview of multi-level governance of STI policy

Regions	17 autonomous communities
Country structure	Unitary, elected regions
Sub-national share of government expenditure, all functions (2008)	36.3% regions + 13.2% localities
Definition of regional role in STI	Constitution gives Spanish State competency “co-ordinating and promoting scientific and technical research”, the rest is the competency of the regions S&T Law and National Research Plan provide additional clarifications
Regional role in higher education	Funding of HEI staff, facilities and programmes, by regions subject to regulations on staffing and accreditation at national level
Formal national-regional co-ordination bodies	Scientific and Technology General Council established by 1983 law and in practice serves an information-sharing role. Scientific and Technology National Strategy also involves co-ordination Spain-regions.
Regional consideration in national S&T/Innovation Plan	National Research Plan and Science and Technology National Strategy include a National Fund for R&D&I; Strategic Fund for Technological and Research Infrastructure; Territorial Co-operation one of five aspects of the e2i Spanish Innovation Strategy
Example of national policies with explicit regional dimension	Specific transfers and funds to regions for this policy (grants and loans)
Example of co-ordination tools	Contracts (<i>convenios</i>) between Spain and regions for S&T infrastructure, co-operation at policy level

Note: For the foral regimes in Spain where tax collection is done at sub-national level (three provinces of Basque Country and Navarra), tax credits are managed by the sub-national entity.

Table 7.35. Instruments by level of government

N=national, R=regional; X=most or all; S=some

	N	R
Human capital investment		
Scholarships for post-graduate studies	X	X
Targeted human resource training (directly, subsidies)	X	
Strategy and foresight		
High-level strategic advisory body	X	
Technology foresight exercises (assessing future needs)		X
R&D investment (including large infrastructure)		
On-going institutional R&D funding in PRCs or HEIs	X	X
Seed funding/projects to start PRCs or HEIs		X
Competitive R&D funding by PRCs or HEIs	X	X
Public subsidies for private R&D	X	X
Tax credits for private R&D		X
Technology transfer and innovation services to firms		
Quality control and metrology services		X
Innovation advisory or support services (publicly provided, vouchers, subsidies, student placements)	X	X
Advisory to spin-off and knowledge-intensive start-up firms	X	X
Other technology transfer centres and extension programmes		X
Innovation collaboration		
Cluster initiatives (often sectoral and mainly firm-based)		X
Branded excellence poles or hubs (label and multiple actors)		X
Multi-disciplinary technology platforms	X	X
Science and technology parks	X	X
Incubators for new firms	X	X
Financing for innovative firms		
Public development banks	X	S
Public venture capital funds or stakes in private funds		S
Guarantees	X	S
International collaboration		
Scientific co-operation for HEIs and PRCs	X	
Foreign firms eligible for public innovation-related funds		
International trips to develop innovation networks		S
Other programmes		
Public procurement policy with innovation focus		
Innovation awards	X	X

Notes: PRC=public research centre; HEI=higher education institution.