

JPI Partner, EU Member State	Portugal	PT
Total declared Water RDI Funding: 3.2 ¹ M€/yr (

[Fundação para a Ciência e Tecnologia](#) (FCT) is the main national funding agency for science, technology and innovation, in all scientific domains, under the responsibility of the Ministry for Education and Science.

FCT's mission is to continuously promote the advancement of knowledge in science and technology in Portugal, attain the highest international standards in quality and competitiveness in all scientific and technological domains, and encourage its dissemination and active role in society and in economic growth. FCT pursues its mission by funding fellowships, studentships and research contracts for scientists, research projects, internationally competitive research centres and state-of-the-art infrastructures, via competitive bottom-up calls with international peer-review. FCT ensures Portugal's participation in international scientific organisations, fosters the participation of the scientific community in international projects, and promotes knowledge transfer between R&D centres and industry. Working closely with international organisations, FCT coordinates public policy for the Information and Knowledge Society in Portugal and ensures the development of national scientific computing resources. FCT's budget encompasses funds from the Portuguese state budget and European structural funds. For 2014, FCT has a budget of circa €436 million for direct investment in science (this figure does not yet include structural funds from the current European programme, which are under negotiation with the European Commission). Funding is structured around the following schemes: Graduate Education and Career Development (studentships, fellowships and contracts), R&D Projects (in all scientific domains), R&D Centres (Associate Laboratories, R&D Units), International cooperation (bilateral cooperation, membership of international organisations and international partnerships) and others (includes Rede Ciência, Tecnologia e Sociedade, Information Society, B-on, Support for Scientific Community Fund and Public Understanding of Science).

Although there is not a specific programme for Water RDI, all water issues are funded through the R&D National Program. This is aimed at promoting the growth, reinforcement and consolidation of the National Scientific and Technological System, in order to make it more competitive at national and international levels, and encourage the transfer of scientific knowledge and technological innovation to the productive field.

The National Strategy for Smart Specialization, currently pending publication, identifies Water and Environment as a national strategic priority theme. It is, therefore, expected the development of dedicated programs in these areas.

The Portuguese Environment Agency (APA) is a public institute, within the scope of the Portuguese Ministry of the Environment, Territory Management and Energy. Its mission is to propose, develop and monitor, on an integrated and participated manner, the public policies for the environment and sustainable development, in close cooperation with other sectorial policies and public and private entities. Water is one of its areas of intervention but they do not fund RDI.

¹ Average: estimated between 2007 and 2013.

Table on major RDI Funding Institutions

Funder Name	Ministry	Programme	Water Programme name (if any)	Target: Research / Innovation	Bottom-up / Top-down	Annual RDI Water Funding (M€)
FCT	Ministry for Education and Science	R&D National Programme	No	Research/ Innovation	Bottom-up	-

Table with publications and patents data

Indicator ¹	SRIA theme	Publications		Patents	
		Portugal	Europe ²	Portugal	Europe
Raw data	Q1	1095	33531	1	59
	Q2	993	37391	5	855
	Q3	3501	134254	6	759
	Q4	487	15957	2	184
	Q5	593	22514	1	329
	ALL	3855	142901	14	2256
Increasing rate ³		4.1	2.1	3.5	1.3
Patens per 1,000 publications		PT: 3.70 ; Europe: 15.78			
Standardized by population ⁴ (10 ⁶ Inhabitants)	Q1	104.5	53.7	0.0	0.0
	Q2	94.8	59.9	0.5	1.4
	Q3	334.1	215.0	0.6	1.2
	Q4	46.5	25.5	0.2	0.3
	Q5	56.6	36.0	0.1	0.5
	ALL	367.9	228.8	1.4	3.6
Standardized by GDP ⁵ (100 x 10 ³ M EUR)	Q1	674.3	229.3	0.5	0.4
	Q2	611.5	255.7	3.2	5.8
	Q3	2155.9	918.1	3.8	5.2
	Q4	299.9	109.1	1.5	1.3
	Q5	365.2	154.0	0.9	2.2
	ALL	2373.9	977.2	8.8	15.4

¹ All data correspond to the period 1999 - 2013

² Considered as the 28 EU Member States plus the 12 Associated Countries.

³ Increasing Rate is the number of publications or patens in 2009-2013 divided by the number in 1999-2003 (considering ALL water topics).

⁴ Population obtained from http://en.wikipedia.org/wiki/List_of_countries_by_population.

⁵ Gross Domestic Product (GDP), nominal, obtained from http://en.wikipedia.org/wiki/List_of_countries_by_GDP_%28nominal%29

Tables on Funders and Performers obtained from publications analyses

SRIA theme	Funding Institutions	Acronym	Intensity of citations
Q1	PORTUGUESE FOUNDATION FOR SCIENCE AND TECHNOLOGY	FCT	100
Q2	PORTUGUESE FOUNDATION FOR SCIENCE AND TECHNOLOGY	FCT	100
Q3	PORTUGUESE FOUNDATION FOR SCIENCE AND TECHNOLOGY	FCT	100
Q4	PORTUGUESE FOUNDATION FOR SCIENCE AND TECHNOLOGY	FCT	100
Q5	PORTUGUESE FOUNDATION FOR SCIENCE AND TECHNOLOGY	FCT	100
ALL	PORTUGUESE FOUNDATION FOR SCIENCE AND TECHNOLOGY	FCT	100

SRIA theme	Performing Institutions ¹	Intensity of citations
Q1	UNIVERSIDADE DE LISBOA	100
	UNIVERSIDADE DE AVEIRO	53
	UNIVERSIDADE DE COIMBRA	47
Q2	UNIVERSIDADE DO PORTO	100
	UNIVERSIDADE DE LISBOA	85
	INSTITUTO SUPERIOR TECNICO	54
Q3	UNIVERSIDADE DE LISBOA	100
	UNIVERSIDADE DO PORTO	61
	INSTITUTO SUPERIOR TECNICO	53
Q4	UNIVERSIDADE DE LISBOA	100
	INSTITUTO SUPERIOR TECNICO	54
	UNIVERSIDADE DE TRAS OS MONTES ALTO DOURO	22
Q5	UNIVERSIDADE DE LISBOA	100
	INSTITUTO SUPERIOR TECNICO	49
	UNIVERSIDADE DE AVEIRO	25
ALL	UNIVERSIDADE DE LISBOA	100
	UNIVERSIDADE DO PORTO	57
	INSTITUTO SUPERIOR TECNICO	42

¹ Relevant performing Institutions in Water RDI have been left out of the top-3 list of the different SRIA themes. Although these are not as visible in bibliometric analyses, they have been developing valid research efforts in Water RDI (FCT data source). A list follows:

- Instituto Superior de Agronomia
- Universidade do Algarve
- Universidade do Minho
- Laboratório Nacional de Engenharia Civil.

