

JPI Observer, EU Member State	Latvia	LV
Total estimated Water RDI Funding: 0.2 M€/yr		

Three different RTD programmes fostering research in all fields of science are owned by the Latvian [Ministry of Education and Science](#) and managed by the [Latvian Academy of Science](#). These programmes differ in the balance between research and innovation orientation and in the focus on cooperation between Latvian institutions.

The [Basic and Applied Research Projects](#) Programme serves the purpose of strengthening Latvian research potential. In line with this aim grants are primarily and in greater volumes allocated to applications by high-performance research groups and groups involving young scientists, as well as post-doctor fellows. The main beneficiaries of the programme are research groups at public research organisations. The National Research Program “[Climate Change Impact on the Water Environment of Latvia](#)” (2006-2009) is the result of Latvian researchers joining forces to investigate how climate change will potentially influence Latvian lakes, rivers and the Baltic Sea coast and coastal waters. Science-based proposals are being funded that propose solutions to adapt to foreseen scenarios and to mitigate adverse impacts.

The [Support for Joint Research Projects](#) Programme provides grants for networking among research groups of different research institutions of public sector. This programme is a specific extension of the Basic and Applied Research Projects Programme. The goal of the programme is to promote collaboration between several research organisations jointly applying for and implementing projects of economic relevance.

The [Support to Market Oriented Research](#) Programme aims at promoting integration of science and industry through development of technologically oriented sectors, promotion of industrial research and job creation. The goal of the programme is to encourage researchers from universities, research institutes and SMEs to develop new competitive products and facilitate the development of new start-ups. Industrial research and pre-competitive research projects are eligible for support within this programme. Grants range between 28 and 200 k€. Funding is allocated to Higher Education institutions, research institutes and companies.

Additional source: [CORDIS](#)

Table with publications and patents data

Indicator ¹	SRIA theme	Publications		Patents	
		Latvia	Europe ²	Latvia	Europe
Raw data	Q1	34	33531	0	59
	Q2	37	37391	0	855
	Q3	131	134254	1	759
	Q4	27	15957	0	184
	Q5	35	22514	0	329
	ALL	180	142901	2	2256
Increasing rate ³		2.4	2.1	3.0	1.3
Patens per 1,000 publications		LV: 13.78 ; Europe: 15.78			
Standardized by population ⁴ (10 ⁶ Inhabitants)	Q1	17.0	53.7	0.0	0.0
	Q2	18.5	59.9	0.0	1.4
	Q3	65.6	215.0	0.5	1.2
	Q4	13.5	25.5	0.0	0.3
	Q5	17.5	36.0	0.0	0.5
	ALL	90.1	228.8	1.2	3.6
Standardized by GDP ⁵ (100 x 10 ³ M EUR)	Q1	148.8	229.3	0.0	0.4
	Q2	161.9	255.7	0.0	5.8
	Q3	573.3	918.1	4.7	5.2
	Q4	118.2	109.1	0.0	1.3
	Q5	153.2	154.0	0.0	2.2
	ALL	787.7	977.2	10.9	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
Q3	LATVIAN COUNCIL OF SCIENCE	LZP	100
ALL	MINISTRY OF EDUCATION AND SCIENCES OF THE REPUBLIC OF LATVIA	IZM	100

SRIA theme	Performing Institutions	Intensity of citations
Q1	UNIVERSITY OF LATVIA	100
Q2	RIGA TECHNICAL UNIVERSITY	100
Q3	UNIVERSITY OF LATVIA	100
Q4	LATVIA UNIV AGR	100
Q5	RIGA TECHNICAL UNIVERSITY	100
ALL	UNIVERSITY OF LATVIA	100