



European
Commission

European Innovation Scoreboard **2023** Country profile **Albania**



Innovation

European Innovation Scoreboard 2023 – Country profile Albania

European Commission

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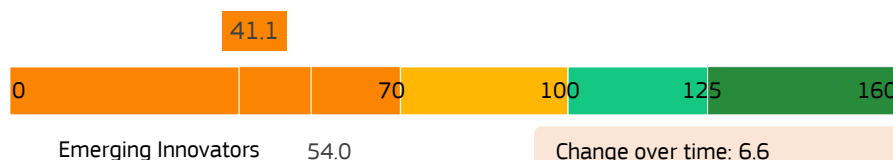
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The European Innovation Scoreboard report and annexes, and the indicators database are available at:

https://research-and-innovation.ec.europa.eu/statistics/performance-indicators/european-innovation-scoreboard_en



Albania *

	Performance relative to EU in 2023	Performance change 2016- 2023	Performance change 2022- 2023
SUMMARY INNOVATION INDEX	41.1	6.6	-1.7
Human resources	53.6	17.8	0.0
Doctorate graduates	10.0	-0.5	0.0
Population with tertiary education	75.3	56.3	0.0
Lifelong learning	79.4	0.0	0.0
Attractive research systems	42.0	17.7	3.3
International scientific co-publications	6.1	8.7	0.0
Most cited publications	55.4	52.9	6.3
Foreign doctorate students	58.6	-54.8	-0.8
Digitalisation	4.1	0.0	0.0
Broadband penetration	7.1	0.0	0.0
People with above basic overall digital skills	0.0	0.0	0.0
Finance and support	0.0	0.0	0.0
R&D expenditures in the public sector**	0.0	0.0	0.0
Venture capital expenditures	N/A	N/A	N/A
Government support for business R&D	N/A	N/A	N/A
Firm investments	0.0	0.0	0.0
R&D expenditure in the business sector**	0.0	0.0	0.0
Non-R&D Innovation expenditures	N/A	N/A	N/A
Innovation expenditures per employee	N/A	N/A	N/A
Use of information technologies	N/A	N/A	N/A
Enterprises providing ICT training	N/A	N/A	N/A
Employed ICT specialists	N/A	N/A	N/A
Innovators	70.4	-8.6	-8.6
Product innovators (SMEs)	81.4	-9.4	-9.4
Business process innovators (SMEs)	60.7	-7.7	-7.7
Linkages	41.3	-14.4	-16.1
Innovative SMEs collaborating with others	73.1	-27.9	-27.9
Public-private co-publications	4.4	5.7	0.0
Job-to-job mobility of HRST	N/A	N/A	N/A
Intellectual assets	7.4	6.8	2.4
PCT patent applications	N/A	N/A	N/A
Trademark applications	4.5	4.9	-6.7
Design applications	12.7	10.1	10.1
Employment impacts	37.5	-5.8	-2.4
Employment in knowledge-intensive activities	30.9	-6.9	0.0
Employment in innovative enterprises	43.0	-4.8	-4.8
Sales impacts	53.2	1.8	-3.7
Medium and high-tech goods exports	0.0	0.0	0.0
Knowledge-intensive services exports	13.8	5.3	-11.3
Sales of innovative products	169.2	0.0	0.0
Environmental sustainability	98.6	35.6	0.0
Resource productivity	35.1	13.7	0.0
Air emissions by fine particulate matter	N/A	N/A	N/A
Environment-related technologies	190.8	58.2	0.0

The second column shows performance relative to that of the EU in 2023. Colours next to the column show matching colour codes: dark green: above 125% of the performance of the EU in 2023; light green: between 100% and 125%; light orange: between 70% and 100%; dark orange: below 70%. The next columns show performance change over time between 2016 and 2023 and between 2022 and 2023, with scores relative to those of the EU in 2016. Positive (negative) performance changes are shown in green (red).

* Results for Albania are less reliable due to limited data availability. ** Data are not available, and it has been assumed that the normalised and relative to EU values equal 0, the same as the worst performing country. This assumption has been made to maximize data availability to allow to include Albania in the EIS and is in line with the latest known low R&D intensity of 0.15 in 2008.

ALBANIA is an **Emerging Innovator** with performance at 41.1% of the EU average. Performance is below the average of the Emerging Innovators. Performance is increasing at a rate lower than that of the EU (8.5%-points). The country's performance gap to the EU is becoming larger.

Relative strengths

Environment-related technologies
Sales of innovative products
Product innovators
Lifelong learning
Population with tertiary education

Relative weaknesses

People with above basic overall digital skills
R&D expenditures in the public sector
R&D expenditure in the business sector
Medium and high-tech goods exports
Public-private co-publications

Strong increases since 2016

Environment-related technologies
Population with tertiary education
Most cited publications

Strong decreases since 2016

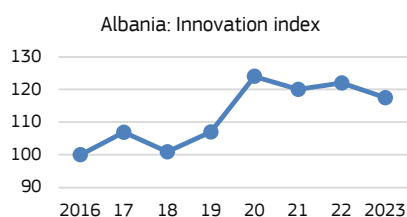
Foreign doctorate students
Innovative SMEs collaborating with others
Product innovators

Strong increases since 2022

Design applications
Most cited publications

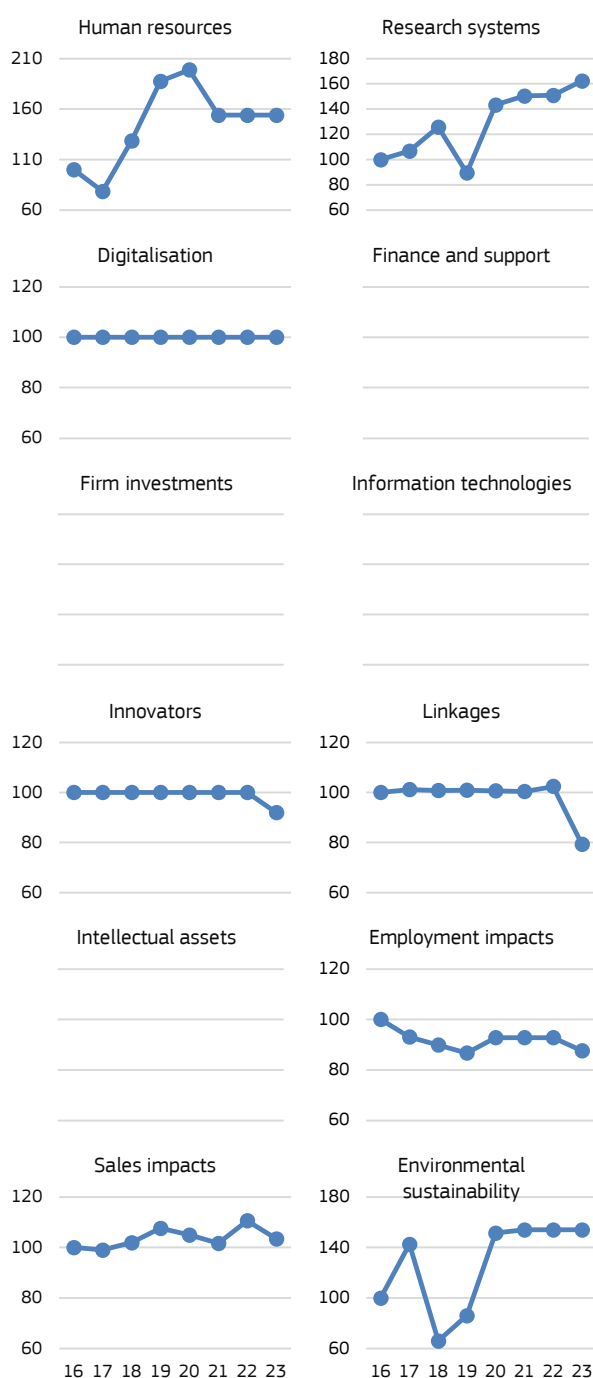
Strong decreases since 2022

Innovative SMEs collaborating with others
Knowledge-intensive services exports
Product innovators



The graph on the left shows the evolution of **innovation performance over time** against the performance of the country in 2016. Innovation performance initially increased and then declined in 2018. After a more modest increase in 2019, performance increased strongly in 2020 and declined in 2021, followed by a modest increase in 2022 and a modest decrease in 2023, leading to a 17% performance increase in 2023.

The graphs below show the evolution of innovation performance in the different **innovation dimensions** against the performance of the country in 2016. Performance increased most strongly for Human resources, Research systems and Environmental sustainability. Performance declined for Innovators, Linkages and Employment impacts.





Structural differences with the EU are shown below:

- Albania has lower per capita income, but a faster growing economy. SMEs account for a larger share of turnover.
- FDI net inflows add positively to the innovation climate, Entrepreneurial Activity, Top R&D spenders, and Buyer sophistication add negatively.
- Information on Innovation profiles is not available.
- Government procurement is below the EU average as driver of research and innovation.
- Information on Climate change related indicators is not available.

	AL	EU
Performance and structure of the economy		
GDP per capita (PPS)	10,160	32,600
Average annual GDP growth (%)	7.0	4.4
Employment share Manufacturing (NACE C) (%)	10.6	16.4
of which High and Medium high-tech (%)	n/a	38.0
Employment share Services (NACE G-N) (%)	26.0	41.1
of which Knowledge-intensive services (%)	n/a	35.8
Turnover share SMEs (%)	57.0	34.1
Turnover share large enterprises (%)	20.2	49.6
Foreign-controlled enterprises – share of value added (%)	n/a	11.8
Business and entrepreneurship		
Enterprise births (10+ employees) (%)	n/a	1.0
Total Entrepreneurial Activity (TEA) (%)	4.0	6.8
FDI net inflows (% GDP)	2.4	2.1
Top R&D spending enterprises per 10 mln. population	0.0	20.3
Buyer sophistication (1 to 7 best)	2.5	3.7
Innovation profiles		
In-house product innovators with market novelties	n/a	12.2
In-house product innovators without market novelties	n/a	12.8
In-house business process innovators	n/a	16.5
Innovators that do not develop innovations themselves	n/a	6.5
Innovation active non-innovators	n/a	4.1
Non-innovators with potential to innovate	n/a	17.2
Non-innovators without disposition to innovate	n/a	30.7
Governance and policy framework		
Corruption Perceptions Index (0 to 100 best)	35.7	64.0
Basic school entrepreneurial education and training	n/a	3.3
Govt. procurement of advanced tech. products	1.9	3.5
Rule of law (-2.5 to 2.5 best)	-0.3	1.0
Climate change indicators		
Circular material use rate	n/a	11.8
Greenhouse gas emissions intensity of energy consumption	n/a	82.8
Eco-Innovation Index	n/a	100.0
Demography		
Population size	2.8	447.1
Average annual population growth (%)	-0.7	-0.1
Population density	104.1	108.8

Performance is measured relative to that of the country in 2016 (=100). There are no results for Finance and support, Firm investments, Information technologies, and Intellectual assets.



This report provides the Country profile from the 2023 European Innovation Scoreboard for Albania.

Studies and reports