

Research Barometer

Research and innovation have a long tradition in Austria

Inventions from Austria, from the circuit board and battery to the turbine and sewing machine, have decisively shaped the world of science and technology. This innovative strength continues unabated. Austria ranks sixth in the European Innovation Scoreboard, leading the group of "strong innovators". Austria is even rated first for intellectual property. No other country registers as many patents, trademarks, and designs in relation to its GDP.

€ 150 million

**to develop AI-supported
research approaches**

The Austrian Academy of Sciences is further expanding its emphasis on life sciences, opening an institute for Biomedical Artificial Intelligence based on € 150 million in funding from the German non-profit Boehringer Ingelheim Foundation (the largest private research funding ever in Austria).

<https://www.oew.ac.at/en/news/oew-and-boehringer-ingelheim-foundation-establish-new-institute-for-artificial-intelligence-in-biomedicine-in-vienna>



8 out of 10

...of the country's top companies increased their research and development spending in 2023. This was the conclusion of a study conducted by the consulting firm EY. In particular, the IT sector, with 14.6% of its revenue on average, shows itself to be a driving force in Austria.

https://www.ey.com/de_at/news/2024/10/top-500-f-e-unternehmen-2024

24 New ERC

Starting Grants in Austria

This year researchers in Austria set a new national record by being awarded 24 ERC Starting Grants featuring total funding of € 37.9 million. Most of it is earmarked for research in the field of physics. The European Research Council (ERC) allocates funds for research every year.

<https://www.bmbwf.gv.at/Ministerium/Presse/20240905.html>

€ 578 million

for green hydrogen

The federal provinces of Upper Austria, Styria and Carinthia are working to set up a joint Hydrogen Valley encompassing the entire hydrogen value chain. The focus is on industrial applications e.g., green steel. € 578 million will be invested in 17 projects by the year 2030, including € 20 million from the EU.

<https://www.greentech.at/en/styria-becomes-part-of-the-first-european-hydrogen-valley-for-industrial-applications/>



World's First Nuclear Clock



Atomic clocks, the most precise timekeepers, have been used since the 1960s. Research has been going on since then to enhance their accuracy. The Vienna University of Technology has achieved a breakthrough together with the American research institute JILA. They created the world's first atomic nuclei (nuclear) clock, enabling even more precise timekeeping.

<https://www.tuwien.at/en/tu-wien/news/news/die-erste-atomkern-uhr-der-welt>

Ultra-Rare Disease: New Medicine from Austria

The pharmaceutical company Takeda has researched and developed an innovative medicine against the ultra-rare disease cTTP, a blood clotting disorder, at its Viennese facility and is now producing it here for the global market. It was recently approved in the EU after successful clinical studies in eleven countries.

https://www.ots.at/presseaussendung/OTS_20240904_OTS0134/in-oesterreich-erforschtes-und-produziertes-medikament-gegen-ultra-seltene-erkrankung-fuer-die-welt

The ABA Research Barometer of the Austrian Business Agency (ABA) provides an overview of current issues and projects in Austria as a research location.

For further information:

<https://investinaustria.at/en/why-austria/research-location/>