

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 compared to other EU countries of the European Innovation Scoreboard and thus belongs to 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.

€ 1.4 billion for innovative strength

In 2024, a total of 2,500 companies leveraged the research premium to make investments in research and development. More than 80% were SMEs. Austria reinforced its position as a location for innovation and business based on € 8.8 billion in investments and a funding volume of € 1.4 billion.

https://www.ots.at/presseaussendung/OTS_20250108_OTS0029/pundesminister-kocher-forschungspraemie-staerkt-standort-und-unterstuetzt-kmu (German only)

A quantum computer as hand luggage

ParityQC of Tyrol and Quantum Brilliance of Germany are jointly developing a mobile quantum computer. The aim is to develop a quantum computer which is so small that it can be taken aboard an aircraft as hand luggage. The German Agency for Innovation in Cybersecurity is funding the project to the amount of € 35 million. It will enable complex calculations to be performed directly on site without the need for a computer centre.

<https://parityqc.com/die-presse-article-a-quantum-computer-that-can-be-carried-as-hand-luggage>

New chips competence centre

The Austrian competence centre is one of 29 centres in the EU set up under the EU Digital Europe Programme (DEP). The aim is to establish a network of "one-stop shops" for chips technologies that support companies, startups and research institutions in developing and implementing innovations.

<https://www.ait.ac.at/en/news-events/single-view/detail/86757c?hash=bd60d5056c884240e2a0f5e86b6c3e2f>

€ 37 million for research excellence

The Austrian Science Fund FWF and the Federal Ministry of Education, Science and Research are committing € 37 million to fund two new Clusters of Excellence in brain research and sustainable material cycles. Leading research institutions in Austria conduct basic research at the highest scientific level.

<https://www.fwf.ac.at/en/news/detail/two-new-clusters-of-excellence-set-to-launch>

Proton therapy to treat cancer

MedAustron in Lower Austria ranks among the world's leading centres for cancer therapy using protons and carbon ions e.g., the proton therapy for ocular melanomas, considered to be the international gold standard. It is one of the few facilities applying the fundamental research conducted at CERN.

<https://www.krone.at/3650510>

University of Vienna 9 subjects among the top 100 worldwide

The Shanghai Subject Ranking focusing exclusively on research ranks the University of Vienna among the top 100 academic institutions in the world for a total of nine subjects, including Mathematics, Physics and Biological Sciences. Indicators such as "World-Class Faculty", "World-Class Output" und "High-Quality Research" were integrated into the assessment.

<https://www.shanghairanking.com/institution/university-of-vienna>

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:
investinaustria.at/en/why-austria/research-location/