Germany: a leading AI research hub

Join a people-centred, secure and ambitious AI ecosystem – powered by the High-Tech Agenda Germany.

Connect. Collaborate. Build your career.

Scan to explore AI research in Germany:

An initiative of:

Federal Ministry of Research, Technology and Space

Research in Germany
Land of Ideas

AI in Germany at a glance

Artificial intelligence is reshaping the world – and Germany is putting it to work, moving it out of the lab and into industry, medicine, mobility and administration. With outstanding research institutes, a powerful industrial base and bold public funding, Germany is perfectly poised to take AI from prototype to production.

THE NUMBERS BEHIND GERMAN AI

- Germany's AI market was estimated at over €9bn in 2025 and is projected to grow to around €37bn by 2031
- 935 AI start-ups (2025) – up 36% on the previous year
- 95% of German companies intend to invest in AI and machine learning over the next five years
- Germany's High-Tech Agenda includes an AI offensive aiming for 10% of domestic economic output to be generated by AI by 2030

Shape your AI career in Germany

AI talent is in demand worldwide. In Germany, you can work at the intersection of outstanding research, engineering-driven industries and ambitious public and private investment – turning cutting-edge methods into systems that run in the real world.

What this means for you:

- Collaboration-ready ecosystems across universities, institutes, industry and start-ups
- Opportunities from foundation models and scientific AI to robotics, industrial AI and trustworthy AI
- International networks and career opportunities

What makes Germany strong in AI research

Germany is scaling trusted, sovereign and human-centric AI: from world-class research to real-world deployment.

What you'll find here:

AI research at a top global level and a diverse, internationally connected R&D system

Strong AI computing infrastructure and growing capacity (incl. AI factories and supercomputing)

Strength in trusted, human-centric and sustainable AI, plus expertise in data protection, certification and governance

Did you know Germany is at the forefront of key AI fields?*

AI for health – data-driven medicine, from diagnostics to personalised treatment planning

Robotics & autonomous systems – AI that learns and acts in real-world environments, from logistics to safety-critical domains

Supercomputing & AI factories – high-performance infrastructure enabling new research approaches in areas like climate research and medicine

*selected examples

Where to start: clusters, programmes & contacts

Here are just a few of Germany's best-known AI hubs and networks to get you started – there are many more across the country:

Network of German Centres of Excellence for AI Research*

- BIFOLD – Berlin
- DFKI – across Germany
- Lamarr Institute – Bonn/Dortmund/Sankt Augustin
- MCML – Munich
- ScaDS.AI – Dresden/Leipzig
- Tübingen AI Center – Tübingen

Bavaria / Munich & Nuremberg*

- Technical University of Munich (TUM) – Munich
- University of Technology Nuremberg (UTN), FAU Erlangen-Nürnberg, Center for Artificial Intelligence (KIZ) at Technische Hochschule Nürnberg
- Robotics Institute Germany (RIG) – Munich

Baden-Württemberg / Stuttgart & Tübingen*

- Cyber Valley – Stuttgart/Tübingen region

Germany provides substantial public funding for AI, targeted at every career stage and route into the field:*

- **For top international researchers:** Alexander von Humboldt Professorships in AI
- **For early-career researchers:** the DFG's Artificial Intelligence Funding Initiative
- **For the next generation of talent:** the Konrad Zuse Schools of Excellence in Artificial Intelligence
- **Flagship initiative – AI-based robotics:** the AI Robotics Booster

*selected examples

Germany's AI ecosystem: four goals, a clear roadmap

In its High-Tech Agenda, Germany sets out four goals for AI. The AI roadmap then translates these goals into measurable milestones and concrete steps.

Four goals for AI:

1. Boost value creation with AI

Make AI a key tool across central research and application fields.

2. Improve AI capacities

Expand AI capacities and make them usable for science, business, administration and society.

3. Become a key player in next-generation AI

Strengthen Germany's position in global competition for the next wave of AI.

4. Scale AI use in healthcare

Accelerate AI for more predictive and preventive medicine of the future.

How the roadmap turns goals into action:*

- Provide access to powerful foundation models (by 2027)
- Establish AI test centres and real-world labs (by 2028)
- Realise 100+ transfer examples and best practices (by 2028)
- Launch the EU AI Gigafactory (by 2028)

*selected milestones

Key actors & standout institutions

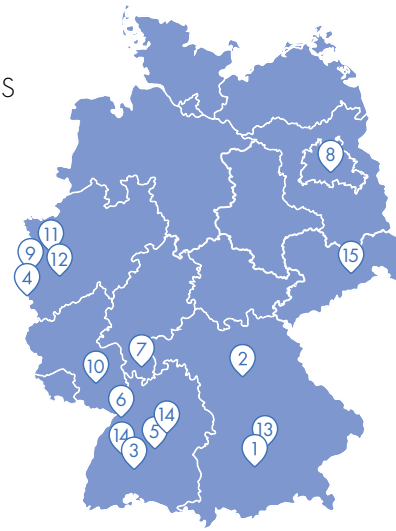
Germany's AI ecosystem is diverse – and that's a big strength. Collaborate with the partner type that matches your goal.

Universities*

1. Technical University of Munich (TUM)
2. FAU Erlangen-Nürnberg
3. University of Tübingen
4. RWTH Aachen University
5. University of Stuttgart with HammerHAI's high-performance infrastructure
6. Karlsruhe Institute of Technology (KIT)
7. TU Darmstadt
8. TU Berlin

Non-university & international research*

9. JUPITER AI Factory with JUPITER, Europe's first supercomputer
10. DFKI (German Research Center for Artificial Intelligence)**
11. DLR (German Aerospace Center)
12. Fraunhofer Institute for Intelligent Analysis and Information Systems IAIS
13. Fraunhofer Institute for Cognitive Systems IKS
14. Max Planck Institute for Intelligent Systems (MPI-IS)
15. Helmholtz-Zentrum Dresden-Rossendorf (HZDR)



*selected examples / **across Germany

AI is a key technology in Germany's High-Tech Agenda.

Get in touch with Research in Germany to explore funding, jobs and ways to enter the German research system.
research-in-germany.org

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