The German Research Landscape

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DAAD
Research in Germany
## Facts and figures

- **Almost 1,000 publicly funded research institutions**
- **€** Research expenditures: 105 bn euros = 3.1% GDP
- **👥** 689,000 people in the R&D sector
- **🌐** Bilateral, European and multilateral cooperation with more than 155 countries
Research expenditures by sector

Source: Federal Statistical Office, 2019
Research Policy

Objectives

- Provide funding for future-oriented issues
- Cultivate a network involving all participants
- Create an innovation-friendly research environment
- Support start-ups and scientific spin-offs in particular
- Provide researchers with good working conditions
- Promote internationality
High-Tech Strategy 2025

Fields of Future Relevance

- Health and Care
- Sustainability, Climate Protection and Energy
- Mobility
- Urban & Rural Living: Equal Chances
- Safety and Security
Excellence Strategy
Federal- and state-funded research programme

- Duration: open ended
- Total funding volume: annually 533m euros
- Focus: university research activities
- Cooperation with research institutions, universities of applied sciences and companies
Excellence Strategy

Excellence Clusters & Universities of Excellence

Universities of Excellence

- RWTH Aachen University
- Berlin University Alliance
- University of Bonn
- Technische Universität Dresden
- Universität Hamburg
- Heidelberg University
- Karlsruhe Institute of Technology (KIT)
- University of Konstanz
- Ludwig-Maximilians-Universität München (LMU)
- Technical University of Munich
- University of Tübingen
Pillars of the German research sector

Universities (HEIs)  Non-university research institutes  Industrial research
Universities

- ~ 400 HEIs – 156 authorized to confer doctorates
- 2.86 million students (2018/19),
  ~ 374,000 international (~13%)
- ~ 28,000 international doctoral candidates
- Most popular non English-speaking study destination
- Fourth most popular study destination worldwide
- Almost 40% of German students study abroad

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Degree Programs

- Bachelor: 3–4 years
- Master: 1–2 years
- PhD: 3–4 years
- Secondary school-leaving certificate
Max Planck Society

- 86 institutes
- €1.8 bn euros
- 15,000 researchers
- 52% international researchers

www.mpg.de/en
Helmholtz Association

- 19 research centres
- 5 bn euros
- 42,000 staff in total
- 7,023 international researchers

www.helmholtz.de/en/
96 institutes

€ 1.9 bn euros

10,520 researchers

24.4% international researchers

www.leibniz-gemeinschaft.de/en.html
Fraunhofer-Gesellschaft

- 74 institutes
- €2.8 bn euros
- 28,000 staff in total

www.fraunhofer.de/en.htm
Questions?