

🗱 🯶 滯 The German Research Landscape

European Research Days, Simon Fraser University November 25, 2020













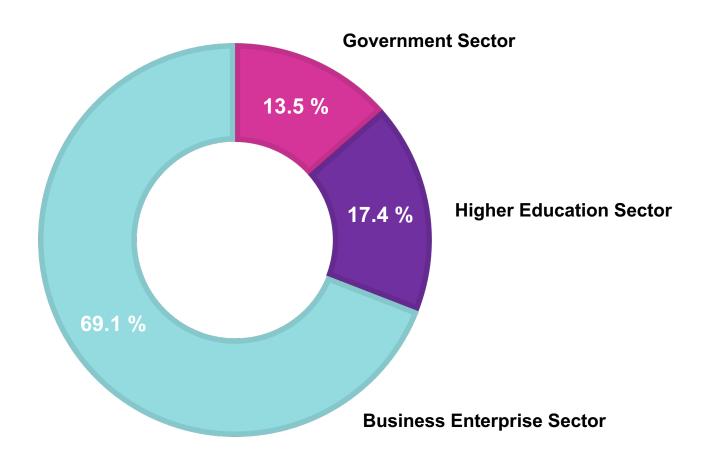
Facts and figures

- Almost 1,000 publicly funded research institutions
- Research expenditures: 105 bn euros = 3,1% GDP
- 44 689,000 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



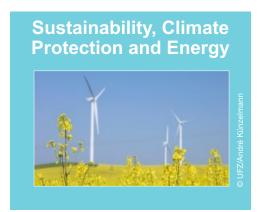


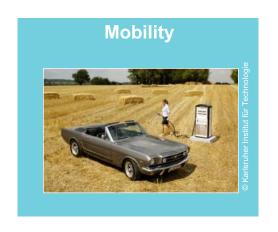
High-Tech Strategy 2025



Fields of Future Relevance









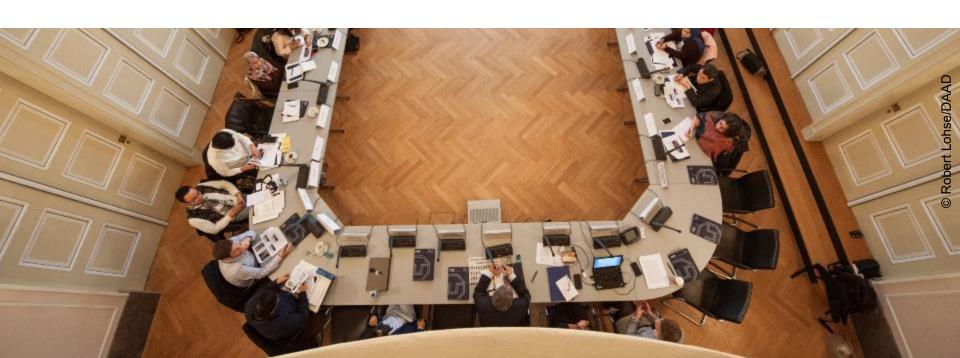




Excellence Strategy

Federal- and state-funded research programme

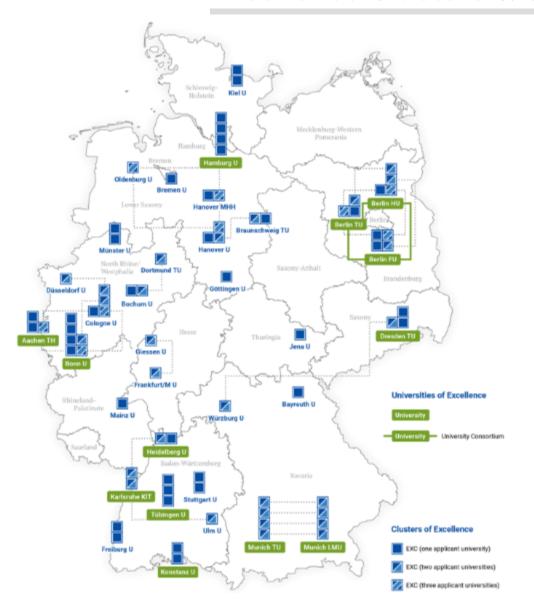
- Duration: open ended
- Total funding volume: annually 533m euros
- Focus: university research activities
- Cooperation with research institutions, universities of applied sciences and companies





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)

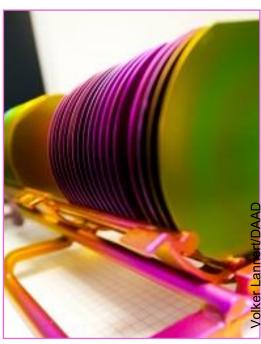


Non-university research institutes





Industrial research







- ~ 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

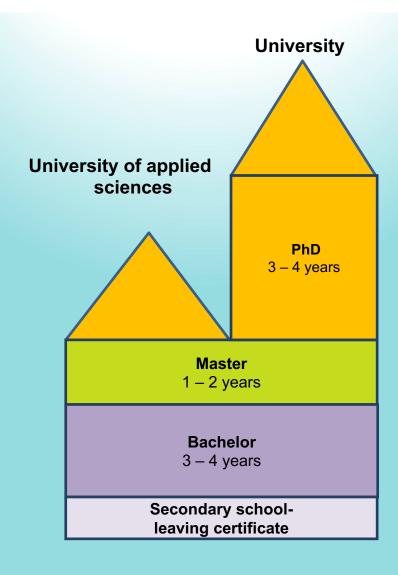
 Fourth most popular study destination worldwide

 Almost 40% of German students study abroad





Degree Programs





Max Planck Society







Helmholtz Association









Leibniz Association









Fraunhofer-Gesellschaft



