

## Leading Technical Universities as drivers of societal transformation

[07/2023]

As an Alliance of Leading Technical Universities, we take special responsibility for the productive and innovative strength of our society and economy. We help shape the future by contributing to digitization and the energy and sustainability transition, to name a few. To this end, we combine our specific **expertise in basic research, especially in the natural sciences and engineering, with applied research and innovation.**

Based on our broad canon of disciplines, which besides engineering and natural sciences, includes humanities, social sciences and medicine, we develop creative solutions for the complex global challenges of today and tomorrow. Our **inter- and transdisciplinary research** brings together diverse expertise based on strong disciplines. It is our hallmark and success factor. Naturally, we think in multiple perspectives and solve problems holistically.

Our students acquire these competencies from the very beginning. Our teaching and learning settings combine subject matter focus with interdisciplinary and transdisciplinary breadth. Successful teaching and learning take place in living labs on real life projects and in diverse teams. We act as a talent magnet and attract an above-average number of international students. We regard studying as a lifelong process. Further **scientific training and qualification** is naturally part of our portfolio. This makes us a key player in securing skilled workers, especially in the STEM sector, which is an essential prerequisite for our country's economic performance.

In research and teaching, we also cooperate with the business community. We encourage all members of our universities to start up their own businesses and support them on the path from idea to company. Thus, our universities are hubs and drivers of vibrant **innovation ecosystems**. Excellent basic research is the foundation of disruptive innovations.

Multiple perspectives are a prerequisite for finding forward-looking answers to the major challenges we face. We are committed to the principles of equality, diversity and anti-discrimination and integrate scientists and employees from all over the world into our institutions. As Technical Universities, we seek **in-depth exchange and an open multilogue** in networks with our partners in science, business, society, and politics on a regional, national, European and global level. We are convinced that cooperative connections lead to transformative solutions.

A great curiosity, the courage to shape change, a pronounced focus on solutions, the conviction of the added value of intensive cooperation and the appreciation of diverse perspectives are part of our self-conception. They are the key to the urgent transformation processes in our society.

### About TU9

TU9 is the Alliance of leading Universities of Technology in Germany: RWTH Aachen University, Technische Universität Berlin, University of Braunschweig - Institute of Technology, Technical University of Darmstadt, Technische Universität Dresden, Leibniz University Hannover, Karlsruhe Institute of Technology, Technical University of Munich and University of Stuttgart.

[TU9 Facts & Figures | Research & Innovation](#)