



RESEARCH, DEVELOPMENT AND TRANSFER

@ Rosenheim Technical University of Applied Sciences



1925 Private wood technology centre



1943 State-run construction school & wood technology centre

1951 State-run wood technology centre/ engineering school



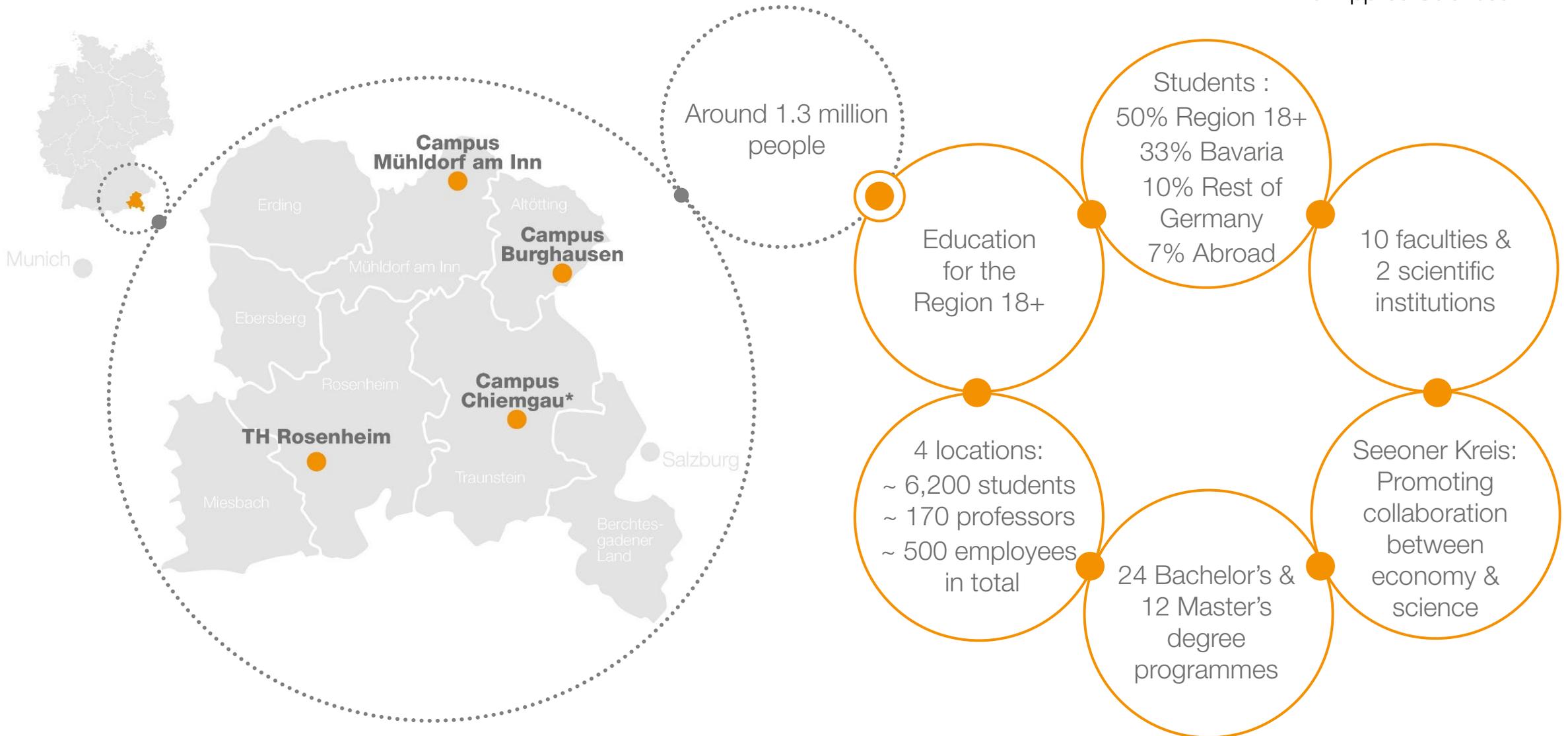
1971 State-run University of Applied Sciences

2018 Technical University of Applied Sciences



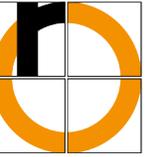
FROM A WOOD
TECHNOLOGY
CENTRE TO
A TECHNICAL
UNIVERSITY

SHAPING & ADVANCING THE REGION 18+



* In cooperation with the Traunstein district and the Munich and Upper Bavarian Chamber of Trade and Crafts.

CENTER FOR RESEARCH, DEVELOPMENT AND TRANSFER



- Intermediary between researchers, industry and funding organisations
- Support and advice on projects along our research focus areas
- 10 administrative staff, 80 research assistants
- 30 cooperatively supervised doctoral degrees
- ~ 80 projects per year
- Financing: 75% public funding, 25% industry

Achievements:

- Steady growth in funding volumes and project participants
- Internationally renowned awards such as 2nd place in the Solar Decathlon Europe
- Contributions to a variety of networks and conferences, e.g. co-founding of BioEconomy Cluster, presidency for International Wood Construction Conference



Bioeconomy, Wood Technology and
Bio-based Materials

Construction, Planning and Energy

Health, Social Change and Well-being

Products and Production

Digital Transformation

05

OVERARCHING
RESEARCH AREAS

AREAS OF
COMPETENCE
10

Automation
Technology and
Mechatronic Systems

Energy Technology
and Energy
Efficiency

Applied Mathematics
and Statistics

Information and
Communication

Interior / Architecture
and Design

Construction
Technology and
Building Physics

Materials Technology
and Materials Science

Process Engineering

Health, Social Issues
and Pedagogy

Business and
Management



EXAMPLES OF RESEARCH INITIATIVES

The Center for Bio-Based Materials (ZBM) stands for innovative wood utilization and sustainable management

With the Rosenheim Center for Entrepreneurship (ROCKET), THRO strengthens the structured support for start-ups in order to increase the number of spin-offs

A EUR 3.7 million research project "YourHouse 4.0 Upper Bavaria" aims at creating an exemplary living environment at home for people in need of help and care through the use of state-of-the-art technology

THRO has considerable experience implementing EU projects, e.g.

- **Horizon 2020:** ONEforest on sustainable wood management (consortium leader, 19 European partners)
- **Interreg Alpine Space:** SMART SPACE, Circular 4.0, DuALPlus
- **Interreg Bavaria-Austria:** LOW COST nZEB, KMU 4.0, KI-Net Christmas Forest



ANY FURTHER QUESTIONS?

WE LOOK FORWARD TO
HEARING FROM YOU!