



Technische Hochschule
Ingolstadt

Technische Hochschule Ingolstadt

Cooperation:
University Belgrade &
Technische Hochschule Ingolstadt

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March 15th, 2024



Topcis

- Region Ingolstadt, Key Facts THI, Awards
- Current and future Study Programs / Course
- Institute for Life Long Learning (Adult Learning parallel to a job)
- International Exchange: General Overview
- **Cooperation Technische Hochschule Ingolstadt & University of Belgrade**
- Student Life
- Research: CARISSMA, Doctorate, Bavarian AI-Center, Sustainability & AWARE

Region Ingolstadt At a glance



- Center of the automotive and aviation industry



- Science location: Two universities and Fraunhofer Institute



- Large number of medium-sized companies
(Suppliers, engineering service providers, trading companies)

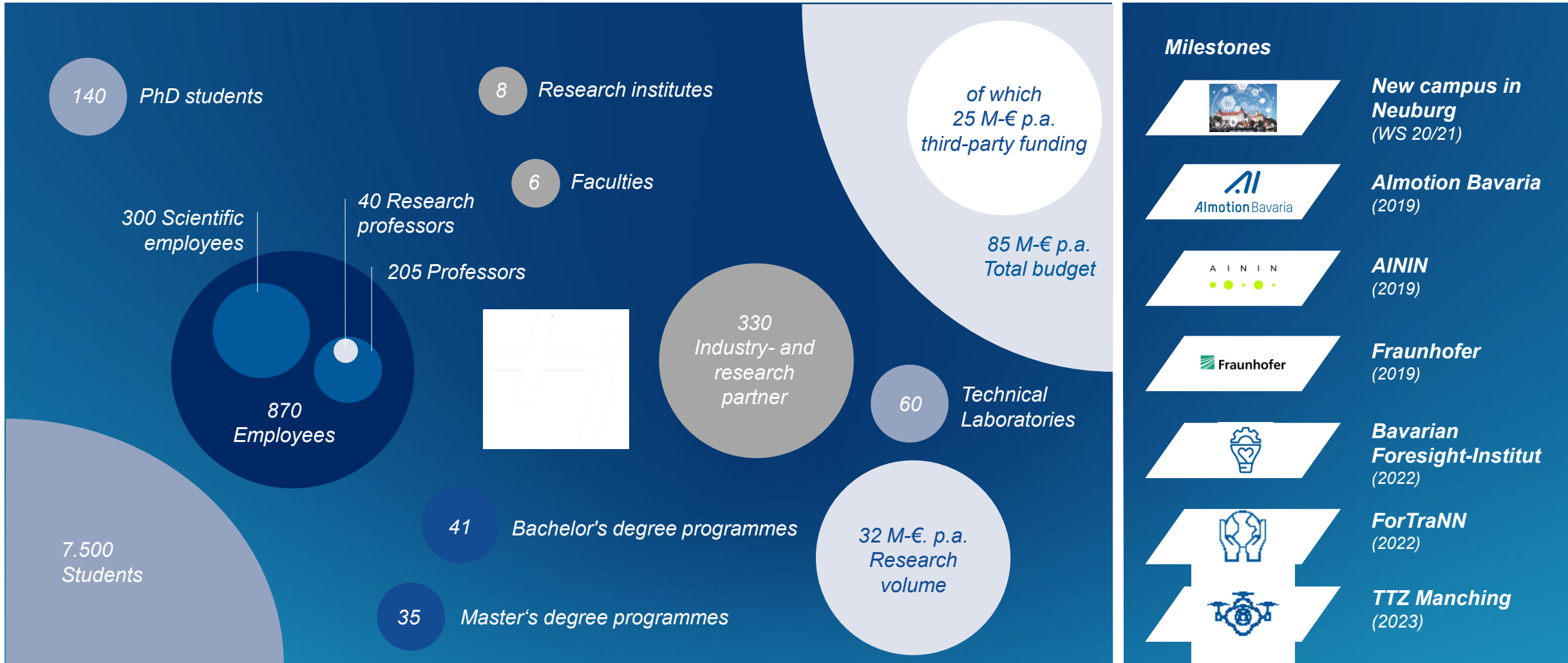


- Digital business incubator and test fields



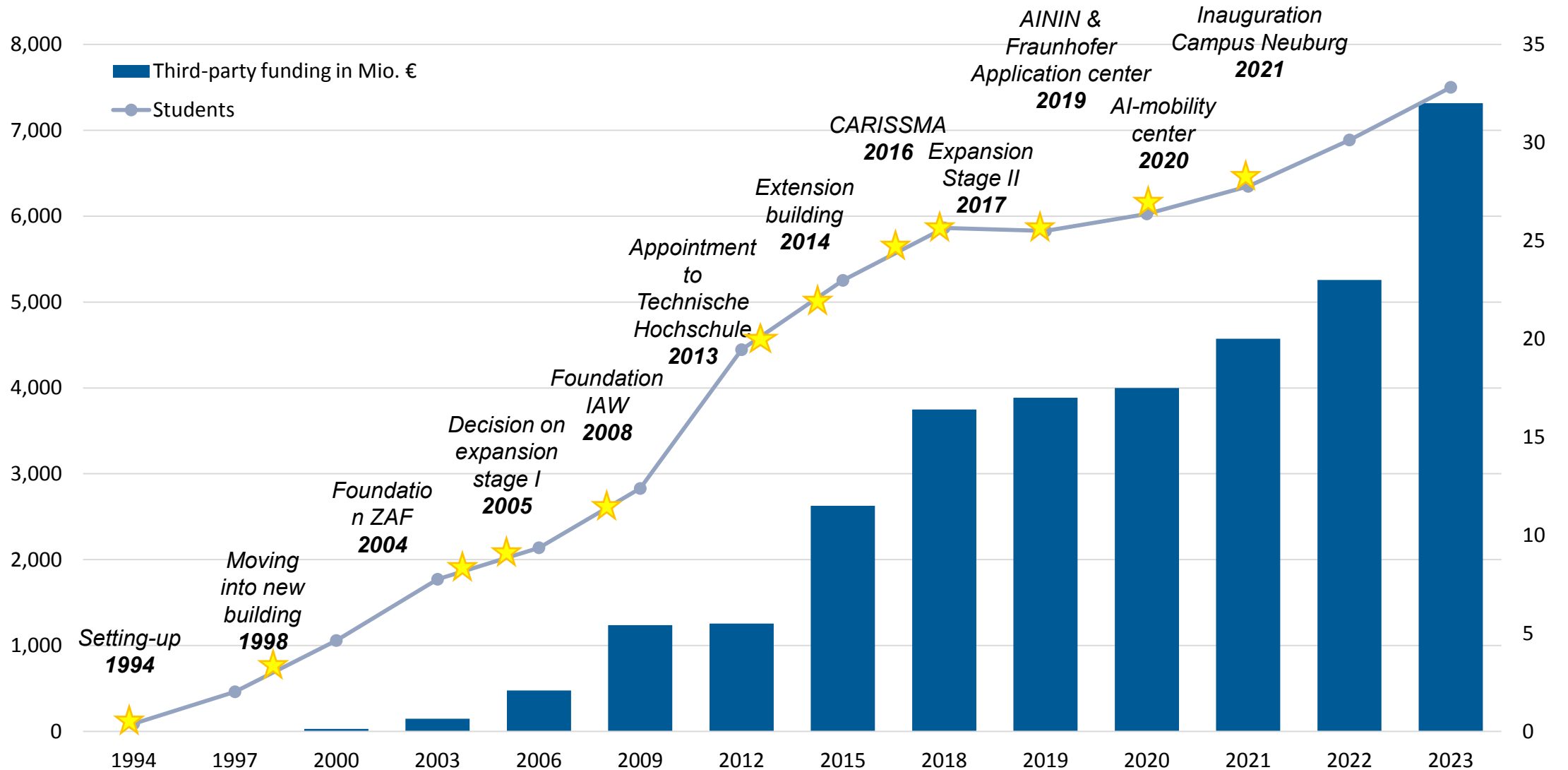
Technische Hochschule Ingolstadt

Key Facts



Development of THI

Growth since the beginning



Our study courses
Subject areas



Mobility

Engineering

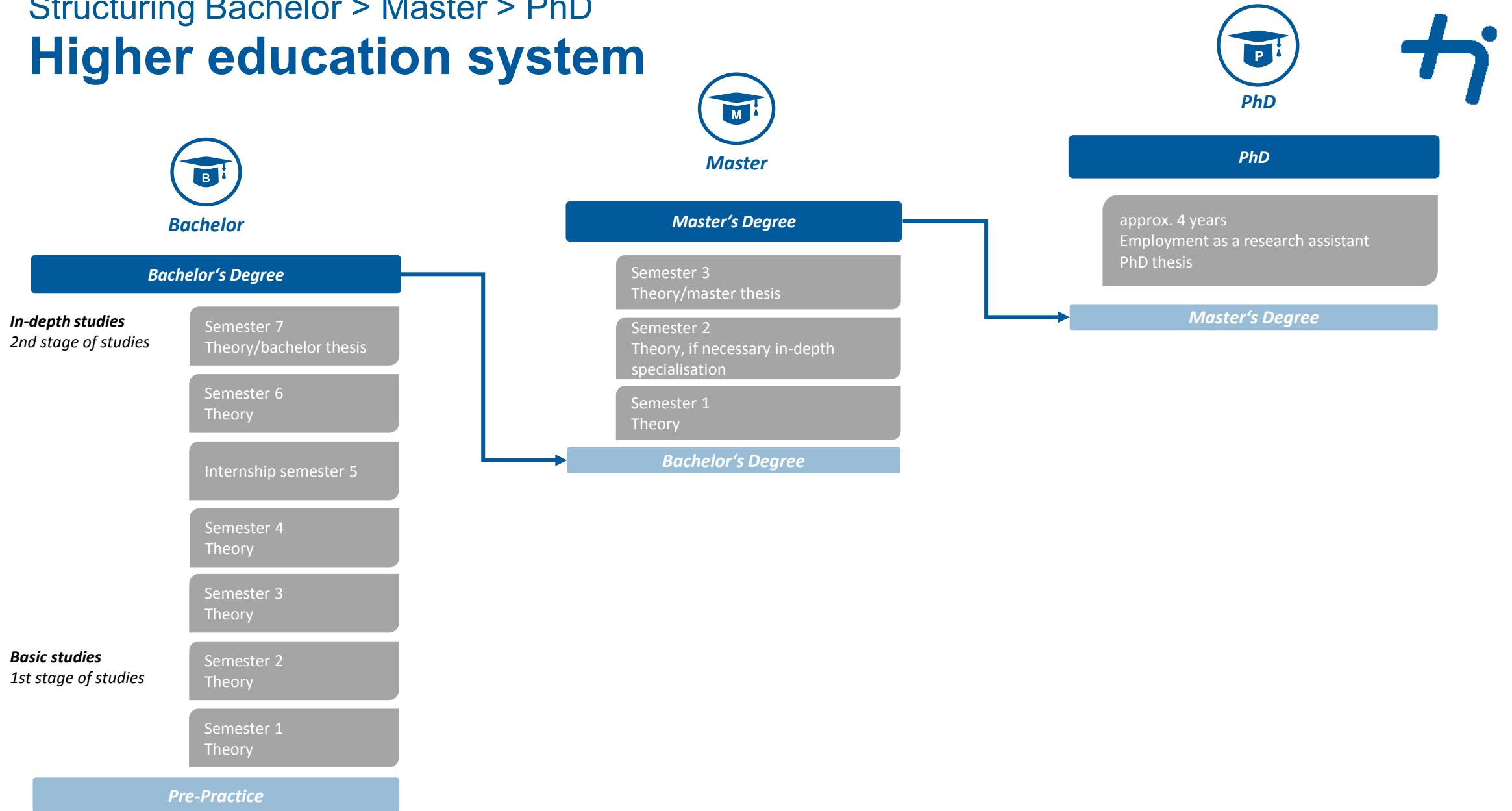
Business

Life Science

Digitalisation

Design, creativity & media

Structuring Bachelor > Master > PhD Higher education system





Our study courses

Bachelor




Electrical Engineering and Information Technology

Autonomous Vehicle Engineering 
Biomedical Engineering
Electrical Engineering and Electric
Mobility 
Mechanical Engineering and
Information Technology
Robotics

Computer Science

Aircraft and Vehicle Informatics
Artificial Intelligence
Business Information Systems
Computational Life Sciences
Computer Science and Artificial Intelligence 
Computer Science
Cybersecurity 
User Experience Design

Engineering and Management

Engineering and Business
Engineering and Management 
Data Science in Engineering and
Management
Technical Design


Business School

Business Administration
Digital Business
Global Economics and Business Mgt. 
International Management 
Life Science Management
Media Psychology and Digital Business

Mechanical Engineering

Aerospace Engineering
Automotive Engineering
Biomechanics
Engineering Sciences
Energy Systems and Renewable Energy 
Mechanical Engineering

Sustainable Infrastructure

Industrial Engineering - Construction
Sustainable and Environmental Management
Sustainable Building Materials
Technology
Sustainable Civil Engineering 
Sustainability Management and Technologies

Our study courses

Master



Electrical Engineering and Information Technology

AI-Engineering of Autonomous Systems
Applied Research in Engineering Sciences
Automated Driving and Vehicle Safety
Electrical Engineering and Electric Mobility
International Automotive Engineering
Patent Engineering

Computer Science

Artificial Intelligence
Business Information Systems Engineering
Cloud Applications and Security Engineering
User Experience Design

Engineering and Management

Automotive Production Engineering
Design Leadership
Digital Procurement & Sustainable Supply Chain Management
Engineering and Business
Engineering and Management
Global Foresight & Technology Management

Business School

Automotive & Mobility Management
Entrepreneurship and Digital Business
Financial Management and Controlling
Global Business
Marketing/ Sales / Media
Retail and Consumer Management
Taxation and Consulting

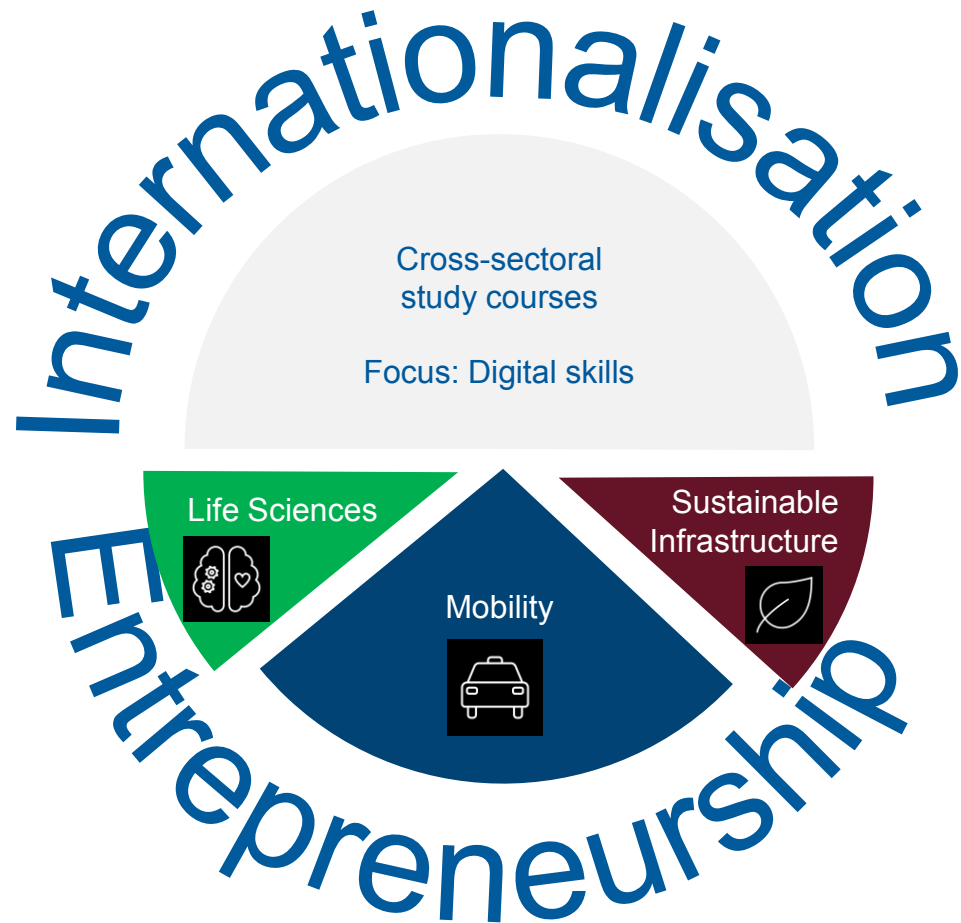
Mechanical Engineering

Aerospace Engineering
Automotive Engineering
Hydrogen Technologies and Economics
Material Science in Engineering
Renewable Energy Systems
Technical Development in Mechanical Engineering

Nachhaltige Infrastruktur

Sustainability Management and Technologies

Further development of THI Strategy 10.000



Expansion
2023 : 2033



Employee



Faculties



Students



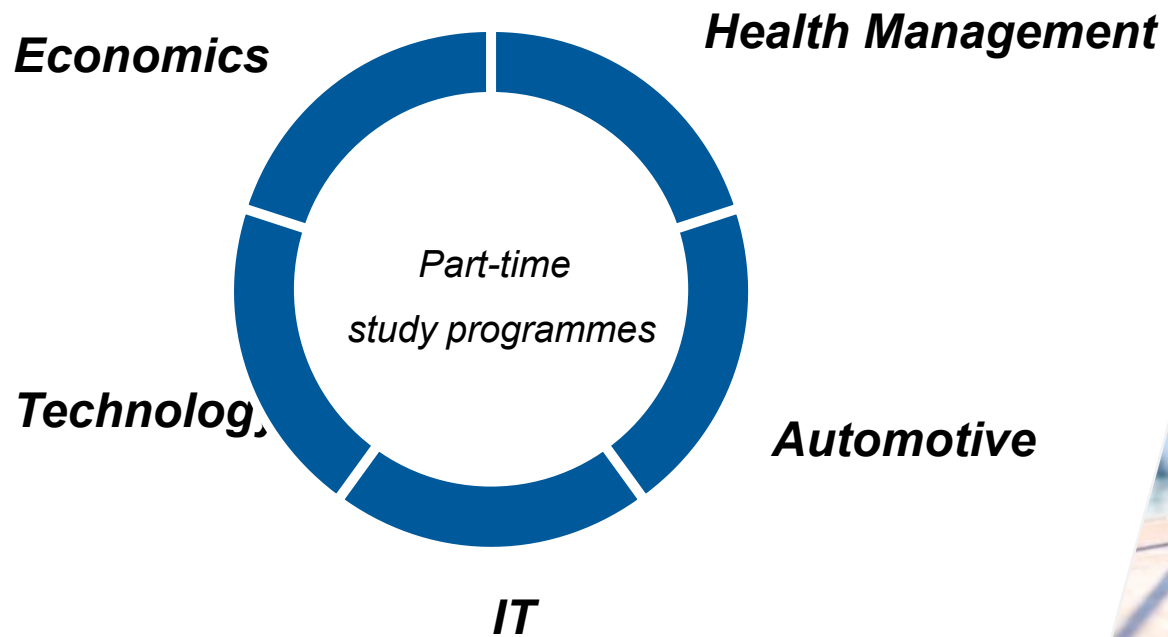
Study programmes



Institute for
Lifelong Learning (TCW)



At THI's **Campus for Lifelong Learning**, around **400 students** complete part-time or continuing education courses (**Bachelor, Master, MBA**).



Our Teaching

Practical & application-oriented



MediaMarktSaturn



Stadt Ingolstadt

etc.



> 300

Industry partners
Research and Teaching



> 1.000

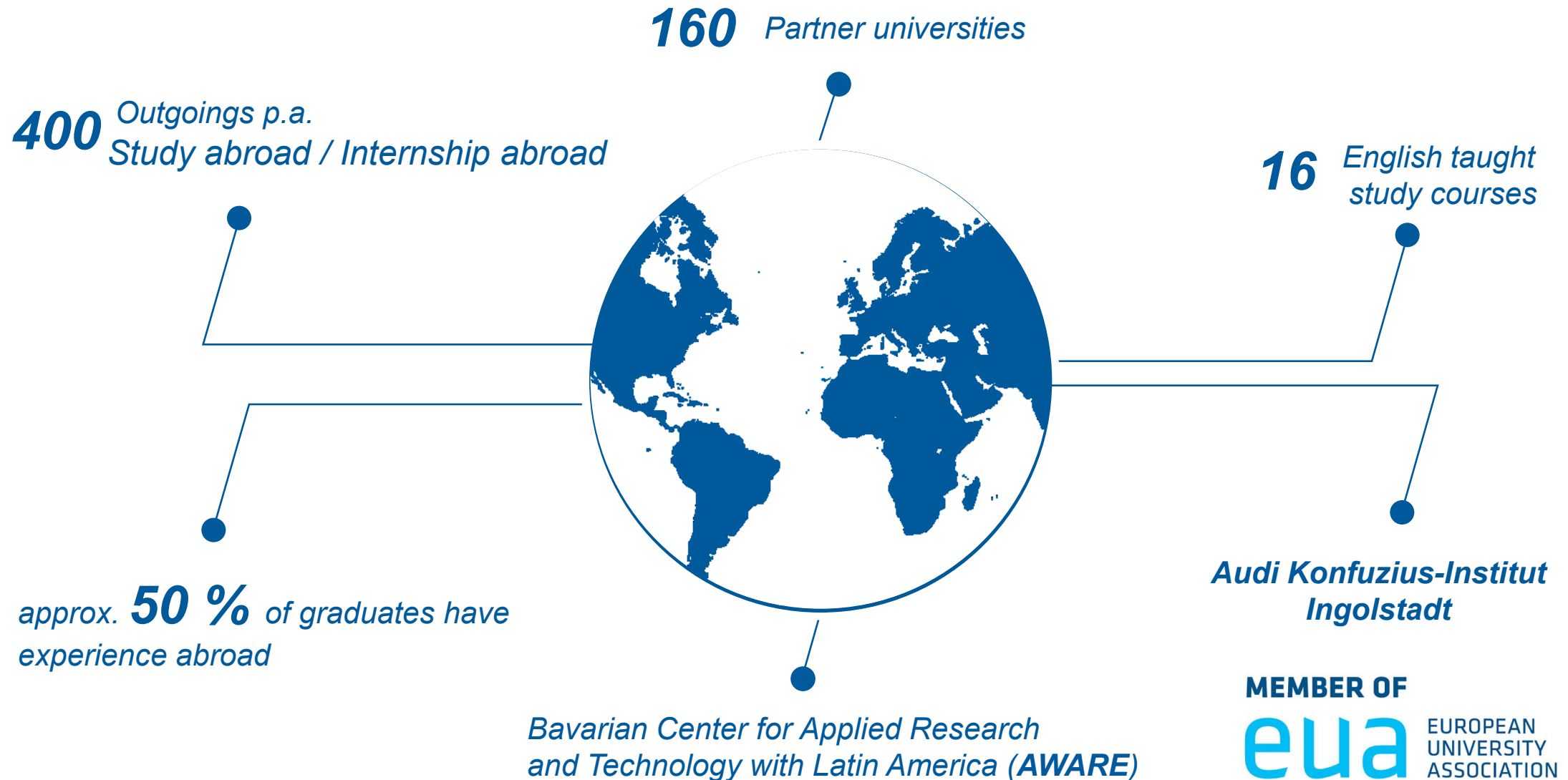
Theses and projects in cooperation with
companies



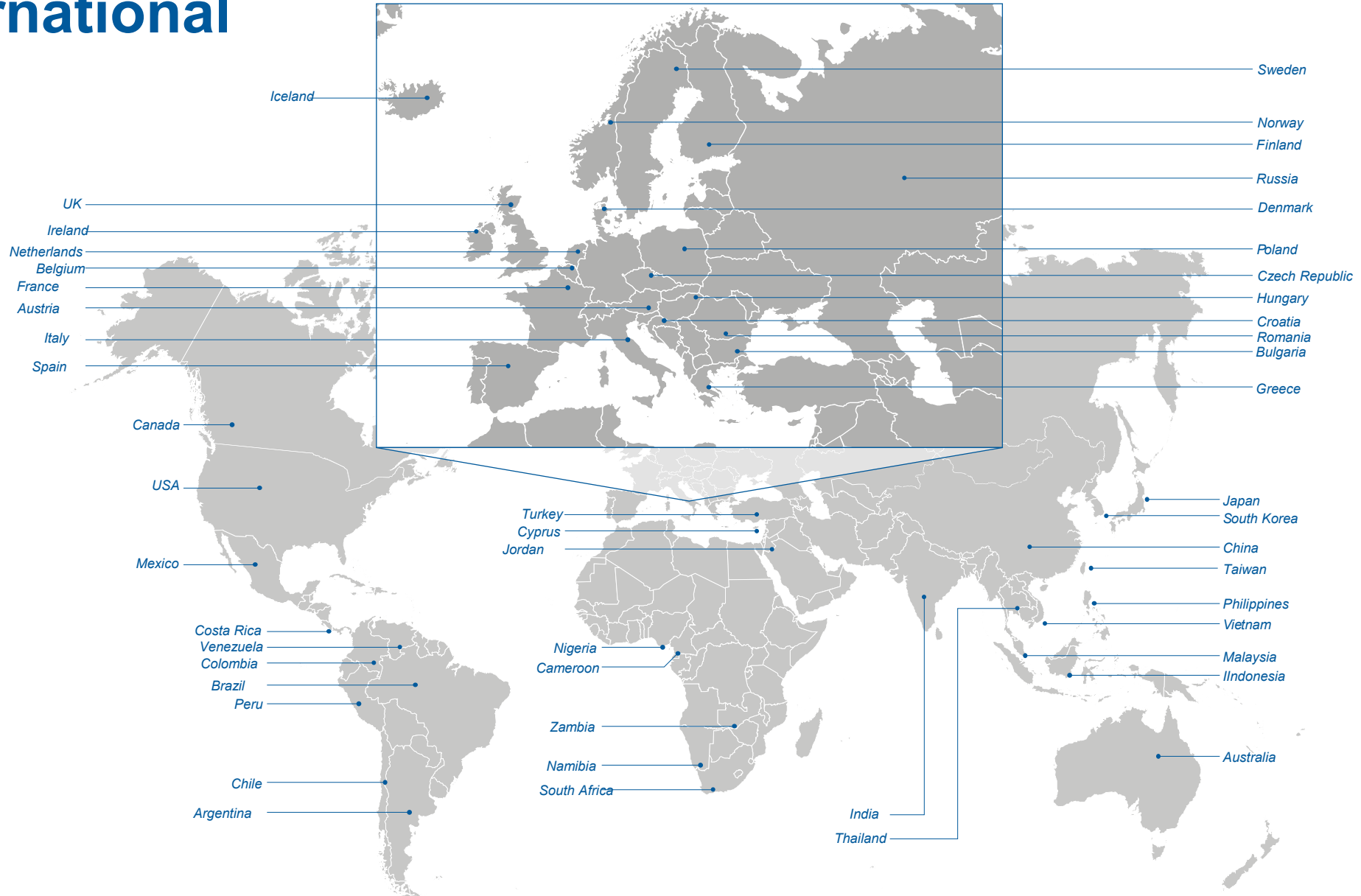
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Partners in dual studies

Exchange International

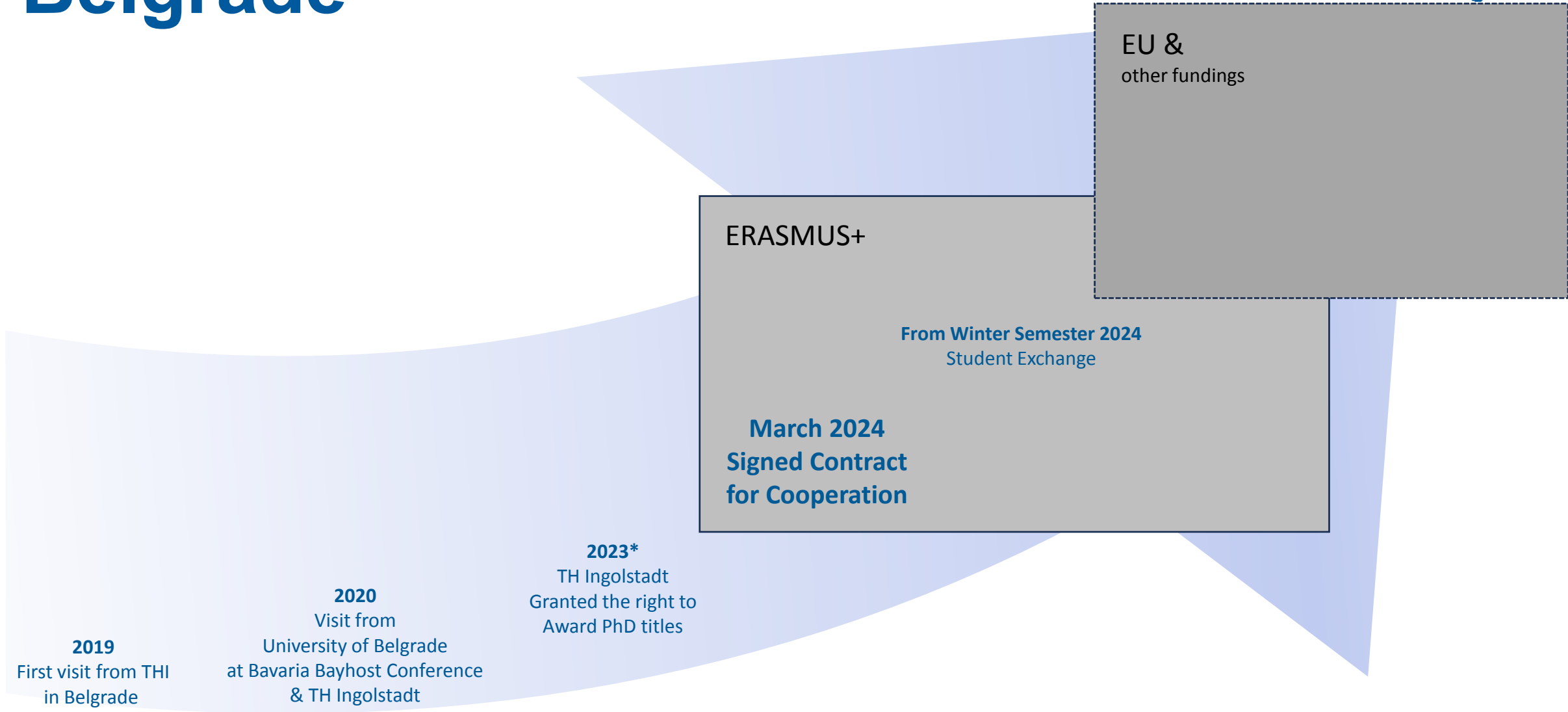


Exchange International



Possible Roadmap from THI's perspective

Cooperation THI – University of Belgrade



Our study courses for Exchange Programs in English / Each 5 ECTS

Bachelor/Master



Electrical Engineering and Information Technology

Bachelor: 11 Modules
Master: 5 Modules

Engineering and Management

Bachelor: 8 Modules
Master: 1 Modules

Mechanical Engineering

Bachelor: 14 Modules

Computer Science

Bachelor: 18 Modules
Master: 4 Modules

Business School

Bachelor: 19 Modules
Master: 11 Modules

German Language Classes

- German A1, B1 & B2
- Intercultural Business Communication
- German in the work context & Technical German

Detail Module/Class description are available

Why THI and the University of Belgrade are a good match

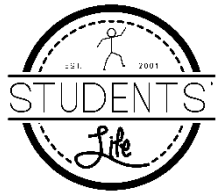


1. **International partnerships:** Both the University of Belgrade and the Technical University of Ingolstadt have strong international partnerships. These partnerships provide students with opportunities for study abroad and other international experiences.
2. **Focus on innovation:** Both universities emphasize innovation and technological advances. This shared focus could be the basis for effective collaboration and joint projects.
3. **Similar basic attitudes:** Both institutions emphasize the importance of practical relevance, a solid academic education and the promotion of research and innovation.
4. **Geographical proximity:** Bavaria and Belgrade are located in Europe and thus share similar cultural and historical contexts. This can facilitate cooperation and understanding between the two institutions. *Flight is only 1,5 h from the Airport Munich to Belgrade.*
5. **Strong Serbian community in Ingolstadt:** Serbs form the second largest group of foreigners in Ingolstadt
6. **Rich history and connected with the river Danube:** Ingolstadt, founded in the 8th century, and Belgrade, one of the oldest cities in Europe, both have important historical sites and buildings. Both cities are located on the river Danube.

Technische Hochschule Ingolstadt

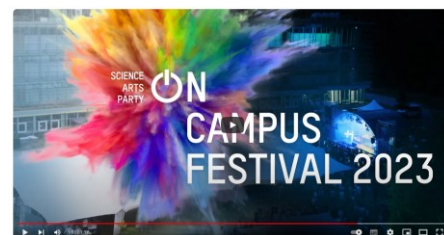
Student life

- Over 15 student clubs

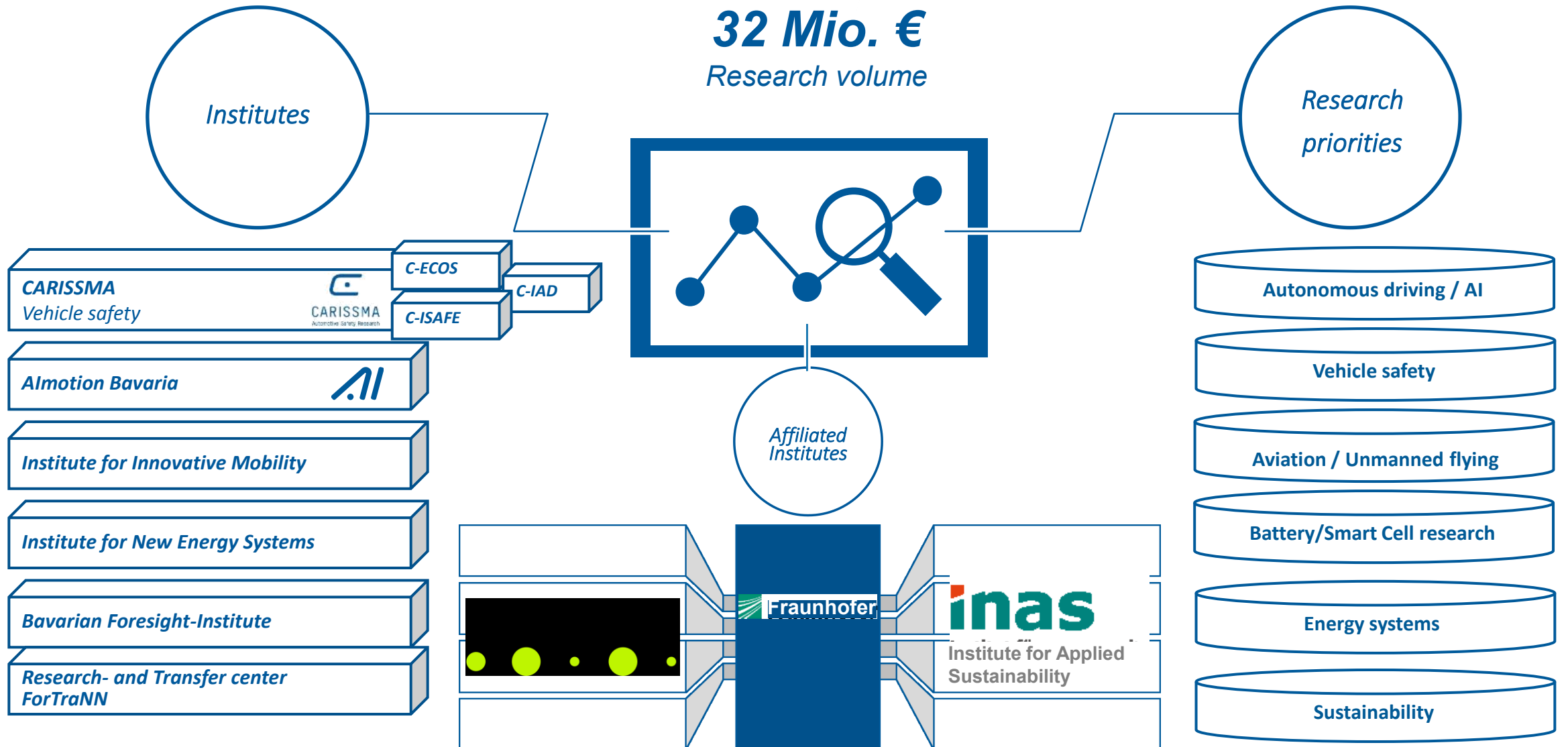


- Wide range of university sports and leisure activities

- On Campus Festival:



Our research

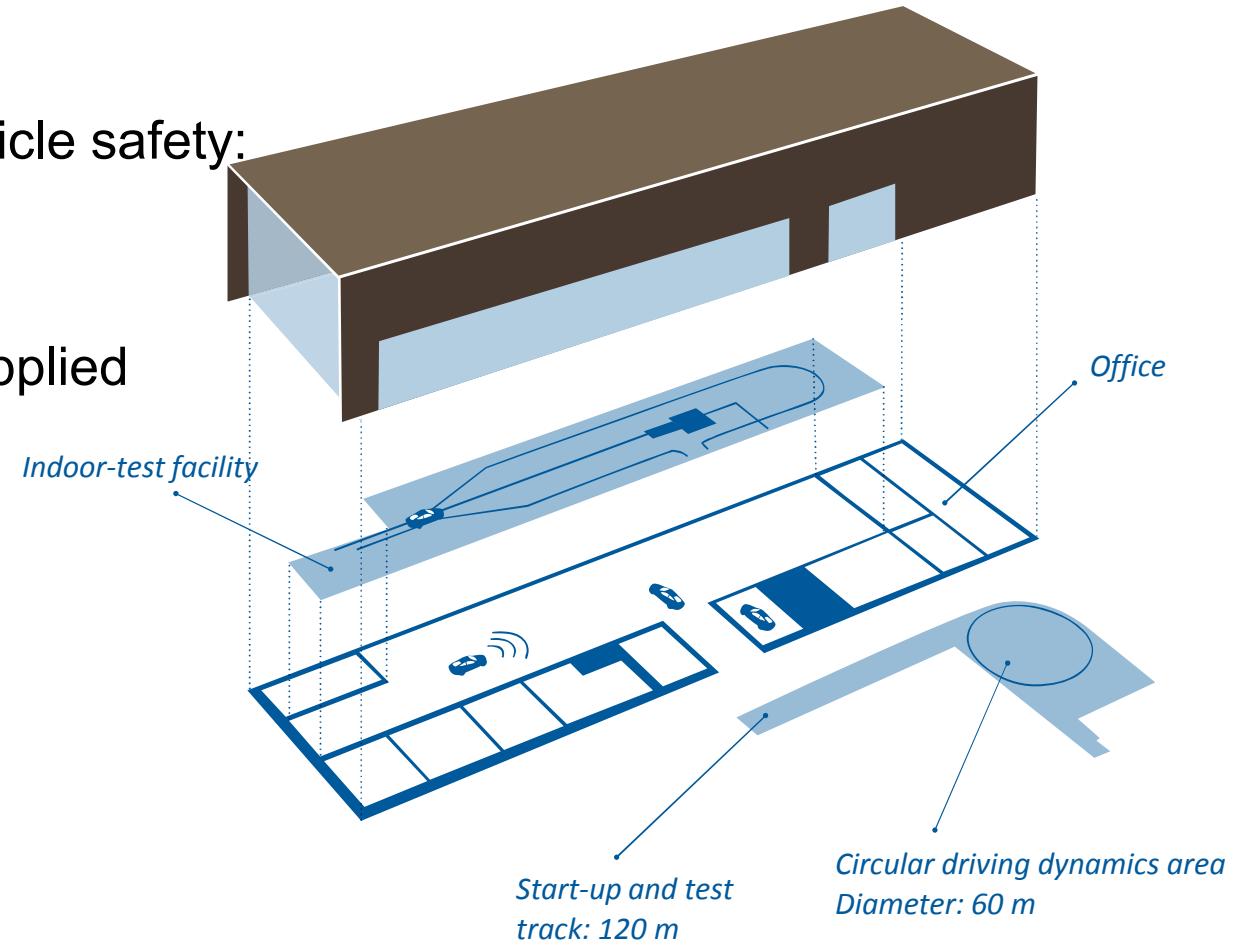


Our research

CARISSMA – Nationwide leading scientific center for vehicle safety



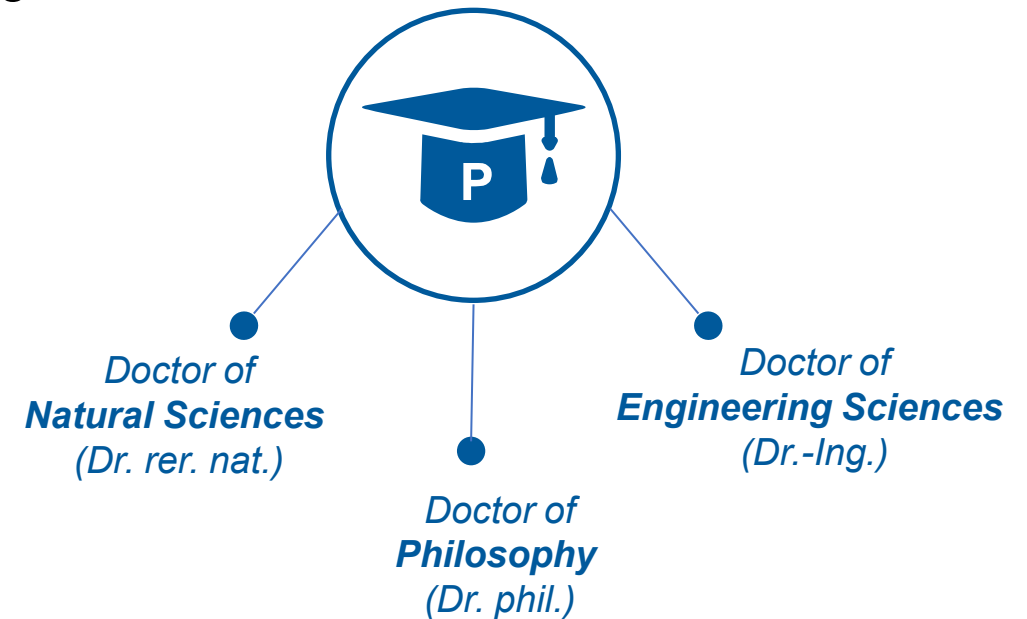
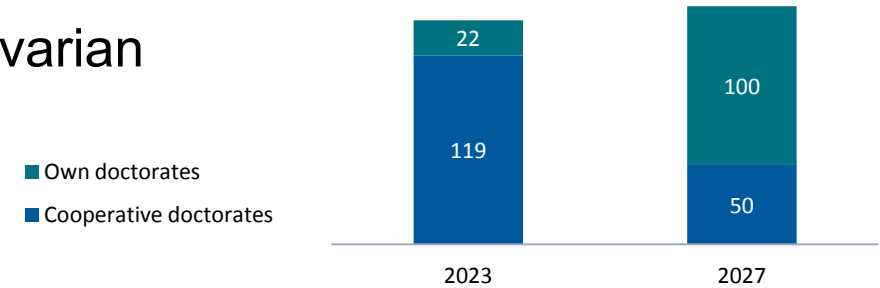
- Nationwide leading scientific center for vehicle safety: inaugurated in 2016
- First research building at a university for applied sciences in Germany
- > 100 scientific employees
- 10 laboratories and 2 universal test areas



Our research Doctorate



- THI was awarded the right to award doctorates for Bavarian UAS according to a quality-guided process
- Two independent doctoral centers at THI „AI / Computer Sciences“ and „Engineering Sciences“
- Currently: Establishment of the Doctoral School
- December 2023: Admission of the first doctoral students

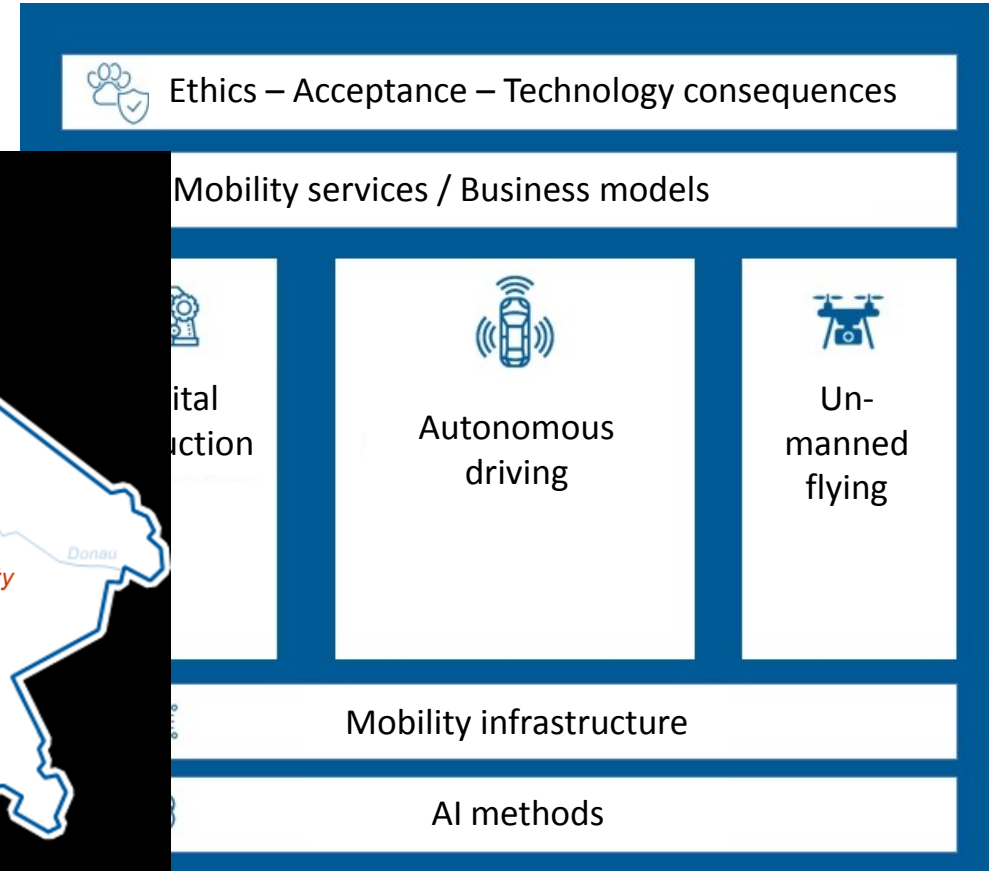


Our research

Bavarian AI-Center



- Establishment of an AI-mobility center with more than 150 scientists by 2025
- **AI research professorships** by Almotion Bavaria, which are largely financed by the Hightech Agenda Bavaria
- Networking with other AI centers in Bavaria



Our research

Sustainability on focus

- Applied **energy research** on the Institute for New Energy Systems (InES)
- Platform for trans- and interdisciplinary desing of sustainable development in the region: Research and Transfer Center Neuburg (ForTraNN)



WASSERSTOFF
BÜNDNIS.
BAYERN

Our future

Cooperation TH Ingolstadt & University of Belgrade



We are looking forward on our joint activities & cooperation.

Thank you.