

GRAZ UNIVERSITY OF TECHNOLOGY

A self-portrait

Hans Sünkel
Rector of Graz University of Technology

History

- 1811: The Joanneum is founded by Archduke Johann
- 1864: The Styrian government makes it a *Technische Hochschule*
- 1901: The *Technische Hochschule* is granted the right to award doctorates
- 1955: It is structured into 3 faculties
- 1975: It is structured into 5 faculties and renamed *Technische Universität Graz, Erzherzog-Johann-Universität*
- 1993: The University Act 2003 comes into effect: restructuring of Austrian universities
- 2004: The University Act 2002 comes into effect.
TU Graz is structured into 7 faculties.
Full autonomy



Facts and Figures

- Students: 11.000+ from 75 countries
- Staff: 2200+ (2/3 scientific)
- Research staff: 800
- Floor space: 200.000 m²

- Faculties: 7
- Institutes: 103

- Competence Centers: 20
- CD-Laboratories: 10

- Federal budget: 100 M€
- Research income: 47 M€
- Study fees: 6 M€

Study Programmes (1/3)

17 Bachelor Programmes (3 years):

- Architecture
- Civil Engineering Sciences
- Mechanical Engineering
- Mechanical Engineering - Economics
- Electrical Engineering
- Electrical Engineering - Sound Engineering
- Biomedical Engineering
- Technical Mathematics
- Technical Physics
- Geomatics Engineering
- Chemistry
- Molecular Biology
- Earth Sciences
- Chemical and Process Engineering
- Telematics
- Computer Science
- Software Development - Economy



Programmes jointly offered by
Graz University of Technology
and the University of Graz within
the NAWI cooperation.

Study Programmes (2/3)

29 Master Programmes (2 years):

- Civil Engineering Sciences - Structural Engineering
- Civil Engineering Sciences - Environment and Transportation
- Civil Engineering Sciences - Geotechnics and Hydraulics
- Construction Management – Civil Engineering Sciences
- Mechanical Engineering
- Mechanical Engineering – Economics
- Production Science and Management
- Electrical Engineering
- Electrical Engineering - Economy
- Electrical Engineering - Sound Engineering
- Biomedical Engineering
- Technical Mathematics
- Technical Mathematics: Operations Research and Statistik
- Mathematical Computer Science
- Financial and Actuarial Mathematics
- Technical Physics
- Geomatics Science
- Geo-Spatial Technologies
- Chemistry
- Technical Chemistry
- Biochemistry & Molecular Biomedical Sciences
- Molecular Microbiology
- Biotechnology
- Earth Sciences
- Chemical and Process Engineering
- Paper and Pulp Technology
- Telematics
- Computer Science
- Software Development - Economy



Study Programmes (3/3)

13 Ph.D. Programmes (3 years):

Architecture
 Civil Engineering
 Electrical and Biomedical Engineering
 Geosciences
 Chemistry
 Molecular Biosciences and Biotechnology
 Process Engineering
 Mathematics and Scientific Computing
 Physics
 Informatics
 Information and Communication Technology
 Mechanical Engineering
 Techno-Economy_

8 Postgraduate Master Programmes (2 years):

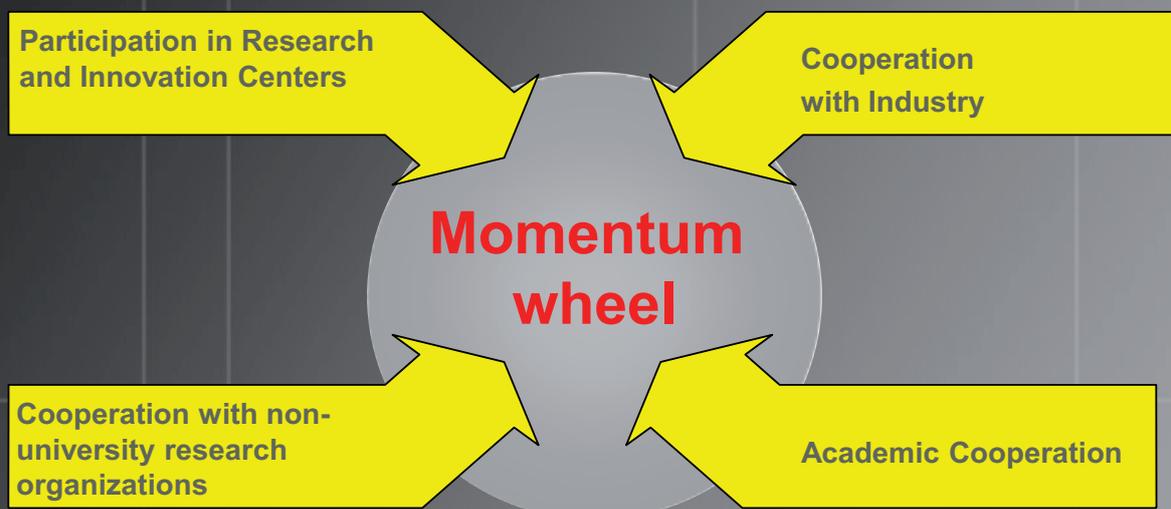
Architectural Computing and Media Technology
 Sustainable Construction
 New Austrian Tunnelling Method
 Paper and Pulp Technology
 Molecular Bioengineering
 Nanotechnology and Nanoanalytics
 Space Sciences
 Traffic Accident Research

Profile Building: 7 Fields of Expertise

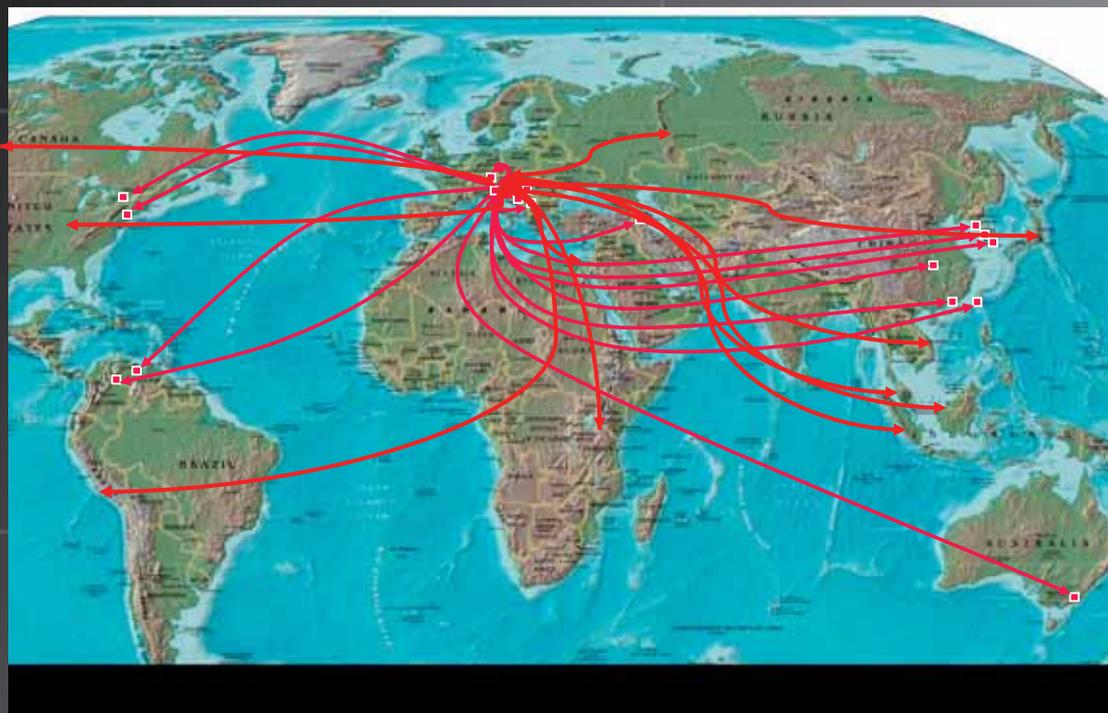
- 1 Human- and Biotechnology
- 2 Transportation Science
- 3 Advanced Materials Science
- 4 Sustainable Systems
- 5 ICT and Scientific Computing
- 6 Design and Construction Science
- 7 Production Science and Management

Cooperation

Universities are embedded into the national and international Research Network



International University Cooperation



Graz, Oct. 29, 2009

Visit of Tomsk Delegation

H. Sünkel



EUROPEAN INSTITUTE OF
INNOVATION AND TECHNOLOGY (EIT)

EIT – ENERGY KIC PROPOSAL KNOWLEDGE AND INNOVATION COMMUNITY (KIC) SUSTAINABLE ENERGY

AND CLIMATE CHANGE MITIGATION
2010 - 2025



GRAZ UNIVERSITY OF TECHNOLOGY EIT – ENERGY KIC PROPOSAL TEAM: WWW.EIT-ENERGY-KIC-PROPOSAL.EU
EIT – ENERGY KIC PROPOSAL CONTACT: WWW.TUGRAZ-EIT.EU
REKTOR HANS SÜNDEL SCHLÖGELGASSE 9/I
A-8010 GRAZ
T: +43 316 873 5281
F: +43 316 873 5282

Goals

- Securing the national and international competitive strength
- Development of core competences at highest possible international level („profile building“)
- Appointment of the best possible scientists

Timetable

- Per **hour**: 1 Publication
- Per **day**: 1 Scientific conference
1 Ph.D. thesis
1 Press release
- Per **week**: 1 Million Euro research income
1 Patent application
1 Price
- Per **month**: 1 Habilitation
1 Professor appointment
1 International cooperation
- Per **year**: 1 Strategic partnership

TU Graz

committed to excellence

