

# Internationalisation of TU Graz

36<sup>th</sup> Conference of Rectors and Presidents of  
European Universities of Technology

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## A Brief Introduction

- Oldest science and technology research and educational institute in Austria (founded 1811)
- 7 faculties, 3 campus areas in Graz
- Study programmes across all technology and science fields
  - 18 Bachelor's programmes
  - 33 Master's programmes
  - Doctoral programmes in 14 Doctoral Schools
  - Lifelong Learning



# Key Facts

|                                    |             |
|------------------------------------|-------------|
| Students (winter term 2016/17)     | ~ 13,500    |
| Staff (30.06.2017)                 | ~ 3,400     |
| Federal budget 2016                | 152.2 Mio.€ |
| Income from third-party funds 2016 | 69.4 Mio.€  |



# TU Graz in International University Rankings

- THE World University Ranking 2017 351-400
- THE Ranking Europe 2017 191-200
- Leiden Ranking PP<sub>Top10%</sub> 2017 356
- U-Multirank 2017
  - 10 A rankings (in: Research, Knowledge Transfer, International Orientation)
  - 8 B rankings
- Shanghai Subject Rankings 2017
  - 2 TU Graz subjects ranked in science
  - 7 TU Graz subjects ranked in engineering

# TU Graz Research Highlights

5,16 % => highest regional  
R&D Quota in EU



- 52 Horizon 2020 projects => top position in Austria
  - of which 5 are ERC grants
  - of which 3 are Future and Emerging Technologies grants
- Numerous projects with strategic partners
- Patent applications (2006-2016) 437
- Granted patents (2006-2016) 168

# Strategic Focuses

- Internationalisation



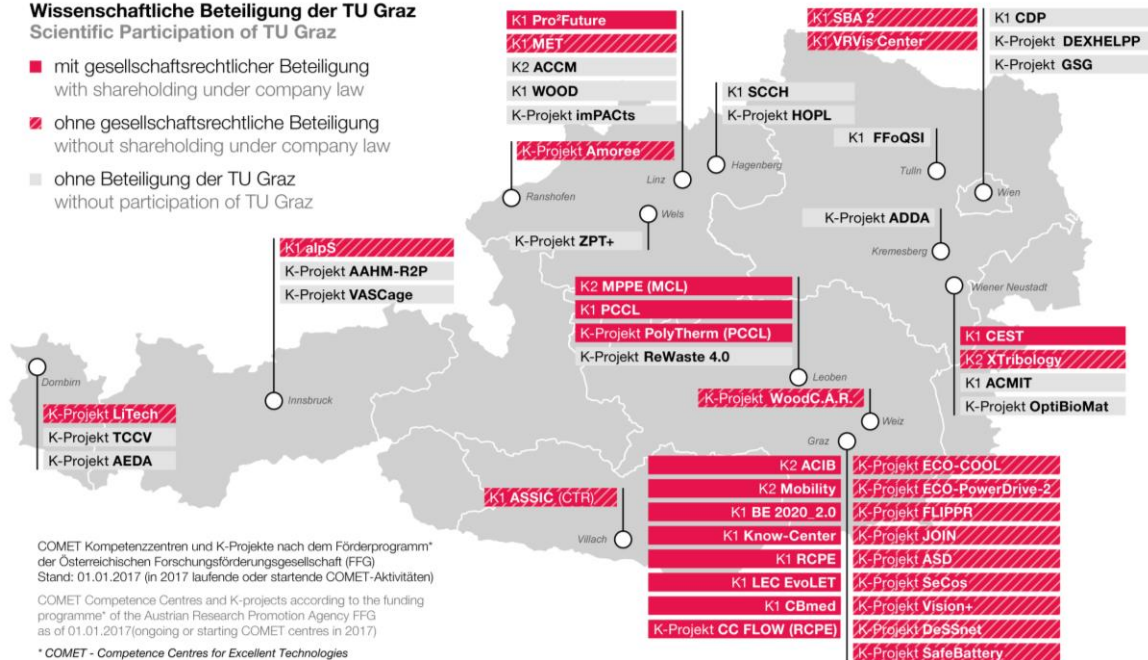
# Strategic Focuses

- Internationalisation
- Cooperation

- **TU Graz-Beteiligungen** an COMET Kompetenzzentren und K-Projekten in Österreich  
**TU Graz - Scientific Participation** in COMET Competence Centres and K-Projects in Austria

## Wissenschaftliche Beteiligung der TU Graz Scientific Participation of TU Graz

- mit gesellschaftsrechtlicher Beteiligung  
 with shareholding under company law
- ohne gesellschaftsrechtliche Beteiligung  
 without shareholding under company law
- ohne Beteiligung der TU Graz  
 without participation of TU Graz



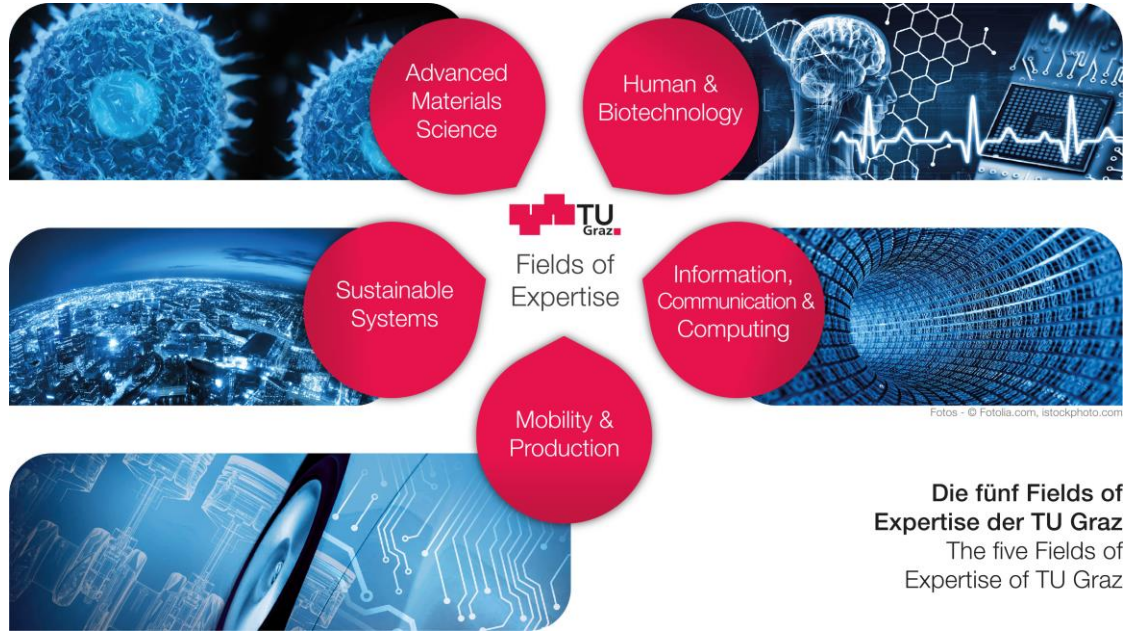
COMET Kompetenzzentren und K-Projekte nach dem Förderprogramm\* der Österreichischen Forschungsförderungsgesellschaft (FFG)  
 Stand: 01.01.2017 (in 2017 laufende oder startende COMET-Aktivitäten)

COMET Competence Centres and K-projects according to the funding programme\* of the Austrian Research Promotion Agency FFG as of 01.01.2017 (ongoing or starting COMET centres in 2017)

\* COMET - Competence Centres for Excellent Technologies

# Strategic Focuses

- Internationalisation
- Cooperation
- Fields of Expertise



**Die fünf Fields of Expertise der TU Graz**  
The five Fields of Expertise of TU Graz



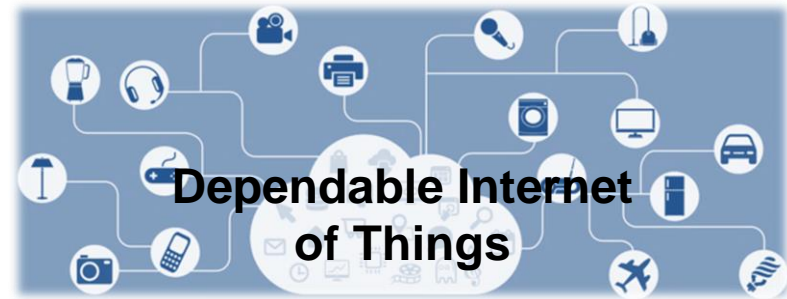
# Strategic Focuses

- Internationalisation
- Cooperation
- Fields of Expertise
- Entrepreneurial University  
e.g. Student Initiatives



# Strategic Focuses

- Internationalisation
- Cooperation
- Fields of Expertise
- Entrepreneurial University  
e.g. Student Initiatives
- Digital University



# Internationalisation as Strategic Project

- Internationalisation became a university focus area in 2011
- Two main goals:

## **Mobility and International Cooperation**

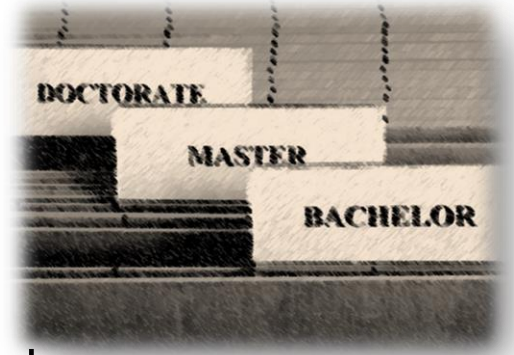


## Internationalisation - Facts & Figures

- Out of 1,959 graduates 14.7 % are international. (2015/16)
- Out of 13,454 students 19.1% are international. (2016/17)
- Out of 1,944 beginners 25.4 % are international. (2016/17)
  
- Out of 1,959 graduates 16.6 % study abroad. (2015/16)
  
- Out of 3,411 employees 16.5 % come from abroad. (30.6.2017)



## Internationalisation as Strategic Project Achievements



- Internationalisation of study programmes
  - Since 2013 all 14 doctoral programmes in English
  - By winter term 2017/18 14 master programmes in English
- New mobility programmes additionally for students (shorter programmes: e.g. joint lectures, summer schools)
- Education & Internationalisation Committee as advisory body for strategic development



# Internationalisation as Strategic Project Achievements

- Increase in student mobility
- New mobility programmes for faculty & staff
- Increase of faculty & staff mobility
- Training programmes & support measures for faculty & staff:
  - Language courses
  - Teaching in English
  - Intercultural awareness trainings
  - Proofreading service
  - Coaching (English)



# Internationalisation as Strategic Project

## Strategic partnerships

- Politecnico di Milano, TU Darmstadt, TU Munich, Tongji University, Nanyang Technological University, Peter the Great St. Petersburg Polytechnic University
- Extensive collaboration in education, research, governance, including joint EU projects
- Liason's Office at Tongji University
- Double degree programme with Tongji University





# Internationalisation as Strategic Project



- What more is to be accomplished?
  - Further increase of student, faculty & staff mobility
  - Increase of courses taught in English in German taught programmes (bachelor and master)
  - Orientation week for international students in English master programmes
  - Decentralising internationalisation (coordinators on faculty level, coordinators for cooperations & mobility)
  - Evaluation of English programmes
  - Marketing, to get additional good international students

## Highlights 2016/17

- Start of LLL international master programme „SpaceTech – Space Systems and Business Engineering“
- Opening of alumni chapter in Zurich
- Opening of ESA Business Incubation Center Austria
- CD Laboratory for Semantic 3D Computer Vision with US partner
- CD Laboratory for Design of high-performance alloys by thermomechanical processing with partners from Poland, Germany, Switzerland, France, Italy, Hungary, Japan
- Summer School in „Food Science and Culinary Arts to Maximize Food Quality“ with students from the US, Switzerland, Belgium, Spain

S C I E N C E   ▪   P A S S I O N   ▪   T E C H N O L O G Y



# Science ▪ Passion ▪ Technology