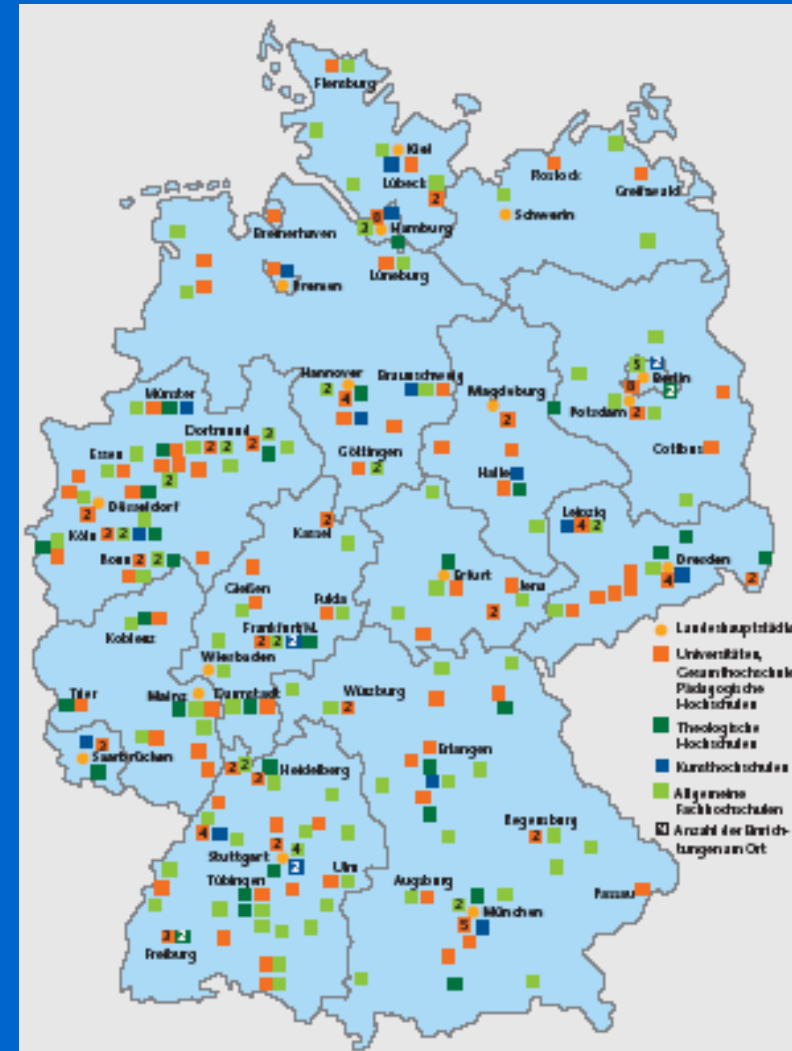


RWTH Aachen University

The background of the slide is a photograph of the RWTH Aachen University campus. On the left, there is a large, historic building with many windows and a central tower. In the foreground, there are green trees and a paved plaza with some people walking. On the right, a modern building with a dark, angular facade and large glass panels is visible. The glass panels reflect the surrounding environment and show some interior details. The sky is clear and blue.

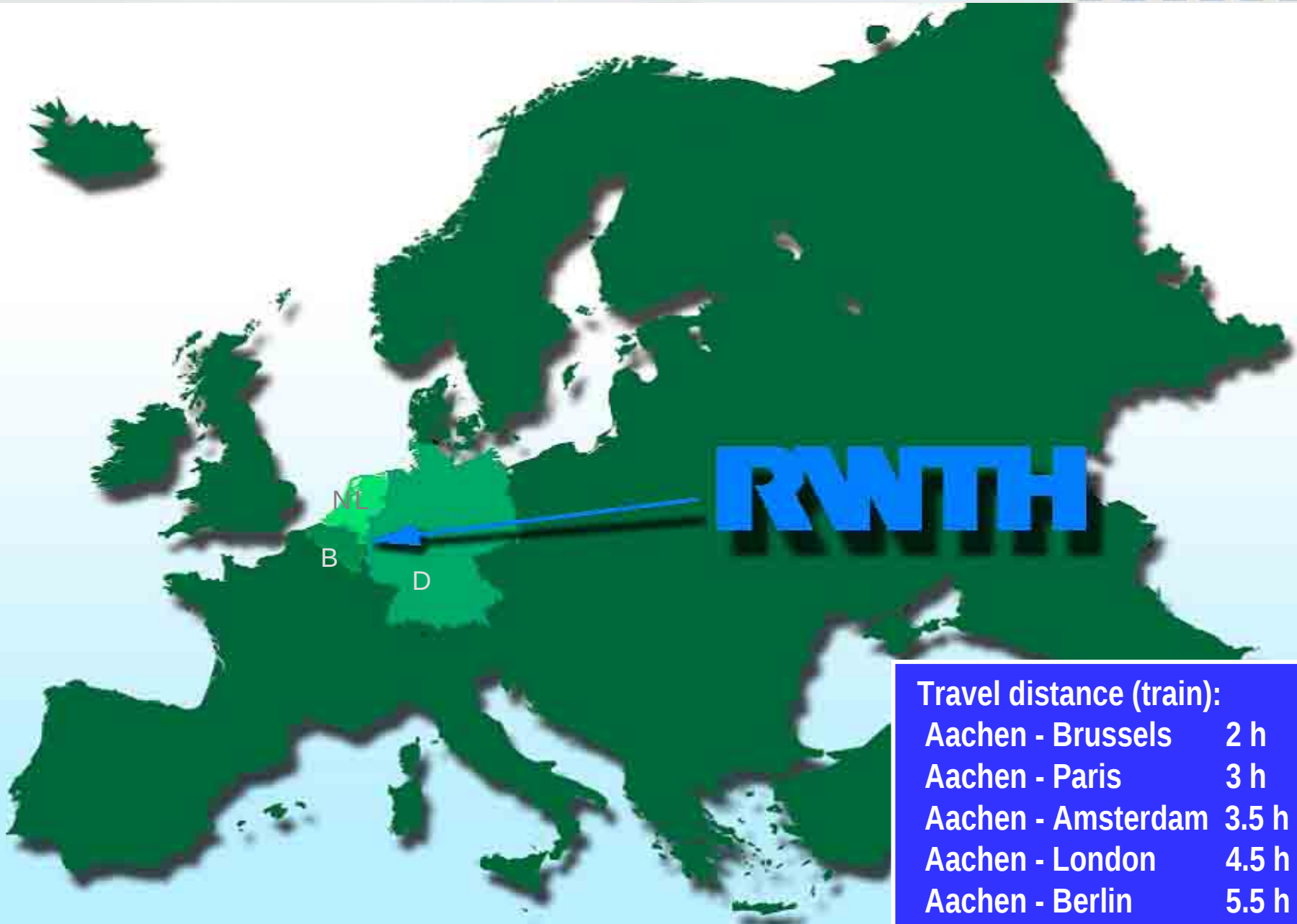
***Univ.-Prof. Dr.rer.nat. Reinhart Poprawe,
Vice-Rector for Structure, Research and Junior
Academic Staff***

- 365 institutions of higher education (03/04)
 - 100 universities & comprehensive universities (21 technical universities)
 - 6 colleges of education
 - 16 colleges of theology
 - 52 colleges of art
 - 162 general universities of applied sciences
 - 29 colleges of public administration
- 2.04 million students (2004)
 - 72.7% at universities
 - 7.3% at universities of applied sciences
 - over 47.4 % were women



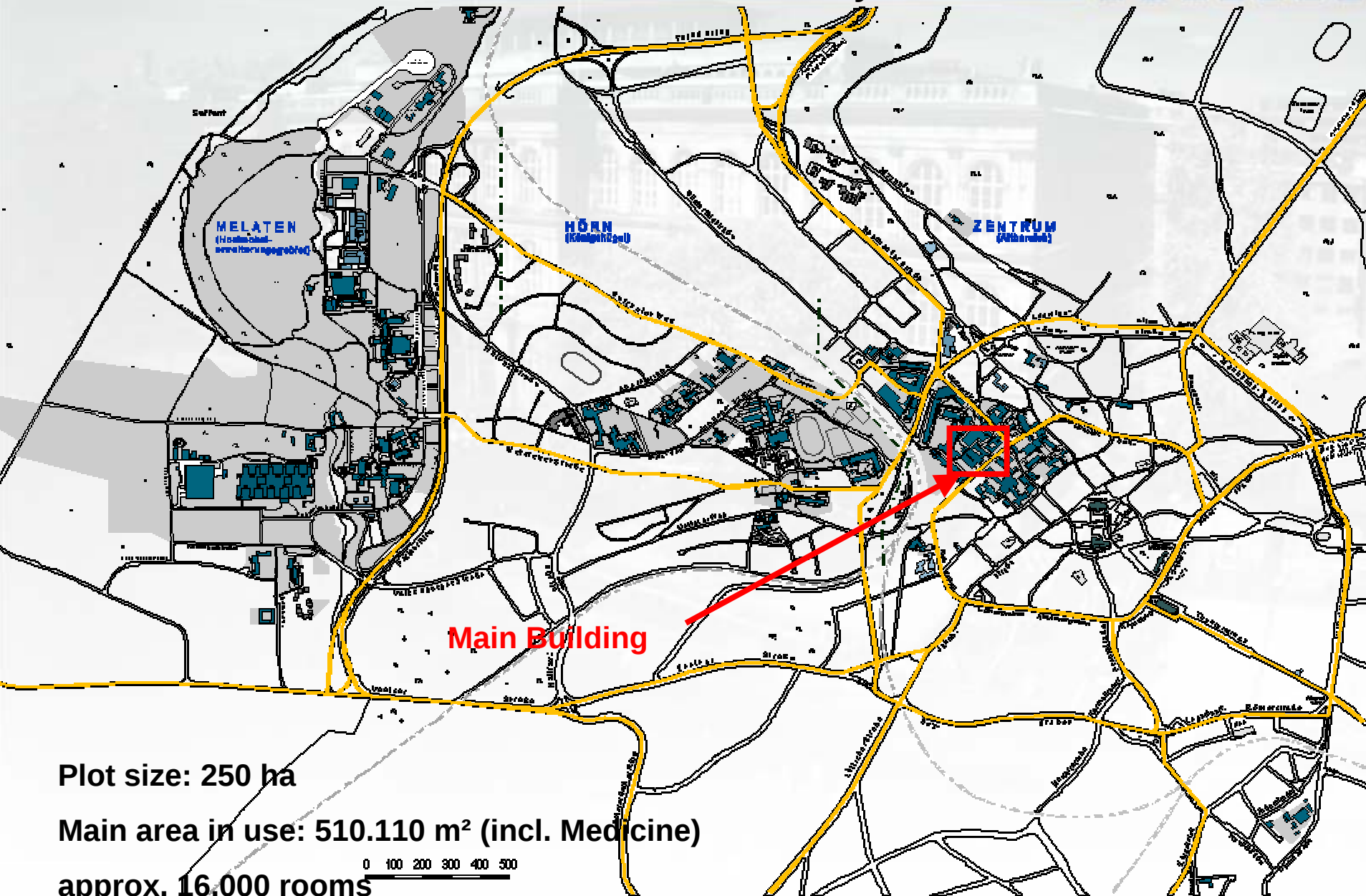
Location of RWTH Aachen University

RWTHAACHEN



Travel distance (train):

Aachen - Brussels	2 h
Aachen - Paris	3 h
Aachen - Amsterdam	3.5 h
Aachen - London	4.5 h
Aachen - Berlin	5.5 h



Some numbers

RWTH



30260 students



5272 foreign students



728 apprentices



260 institutes



436 professorships



2500 non-academic staff



3250 academic staff

FB 1: Faculty of Mathematics, Computer Sciences & Natural Sciences

Dept.: Mathematics
Dept.: Computer Science
Dept.: Physics
Dept.: Chemistry
Dept.: Biology

FB 2: Faculty of Architecture

FB 3: Faculty of Civil Engineering

FB 4: Faculty of Mechanical Engineering

FB 5: Faculty of Georesources & Materials Engineering

Dept.: Mining & Waste Management
Dept.: Metallurgy
Dept.: Geoscience

FB 6: Faculty of Electrical Engineering & Information Technology

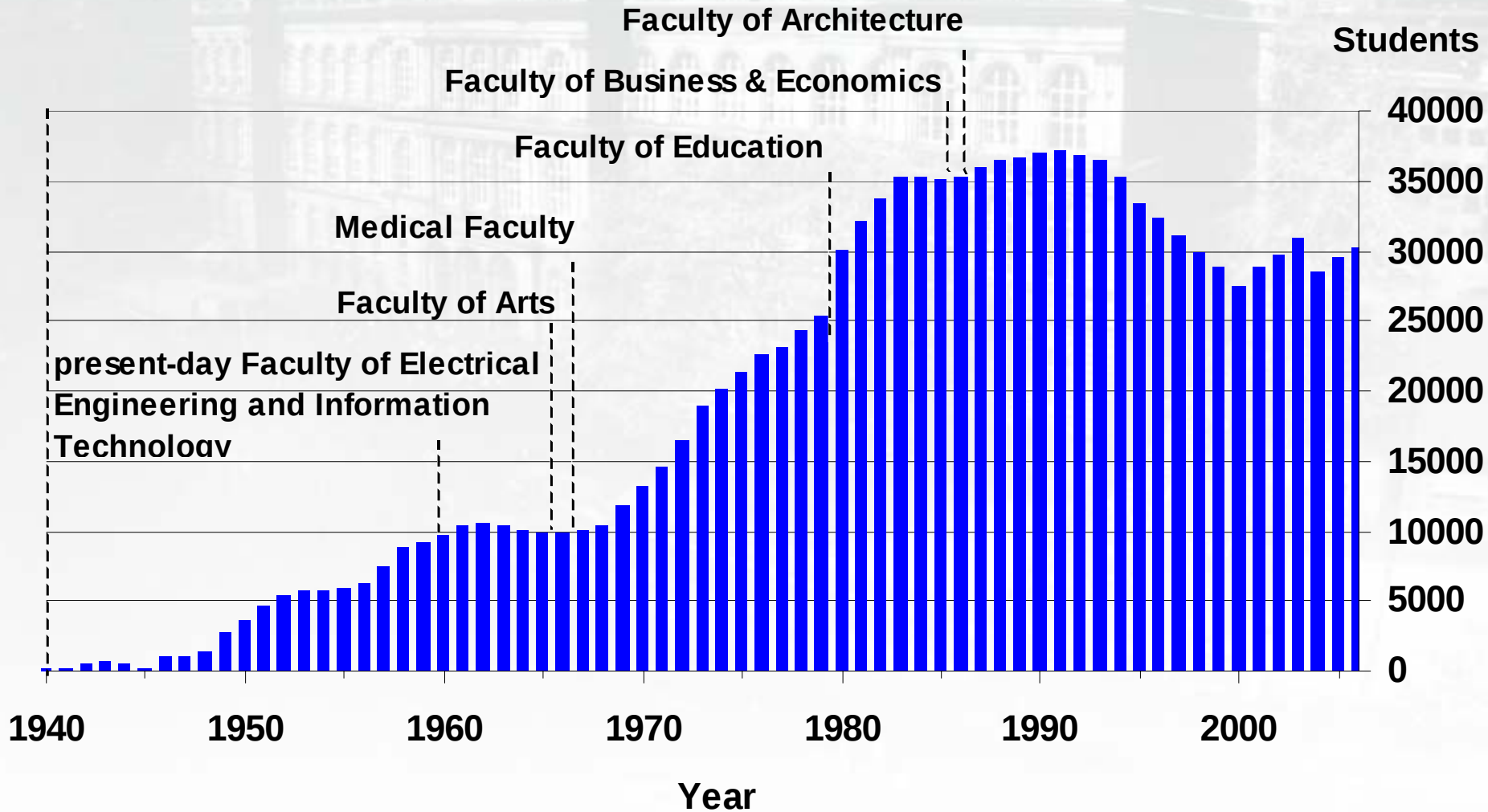
Engineering
technology

FB 7: Faculty of Arts

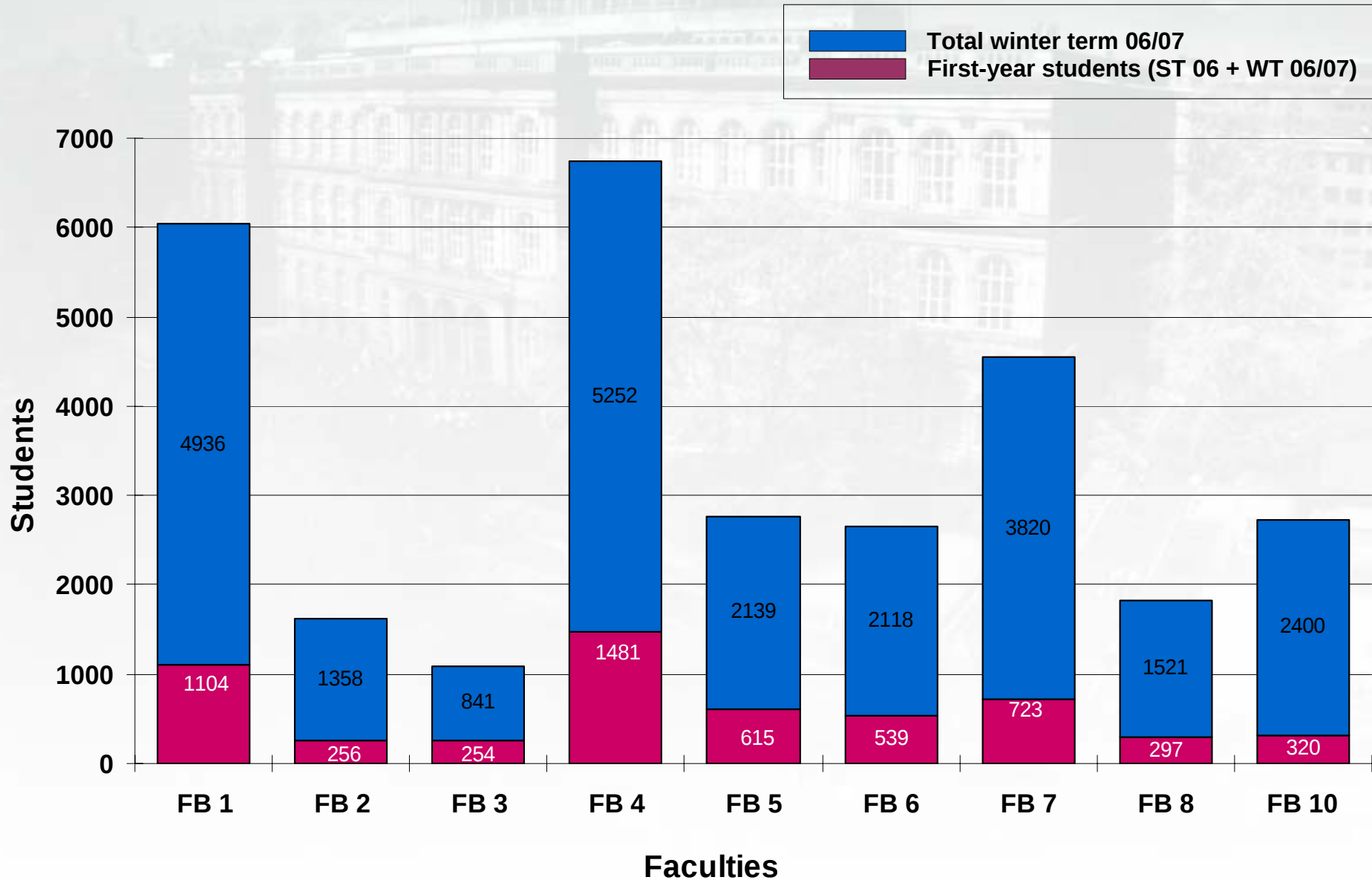
FB 8: Faculty of Business & Economics

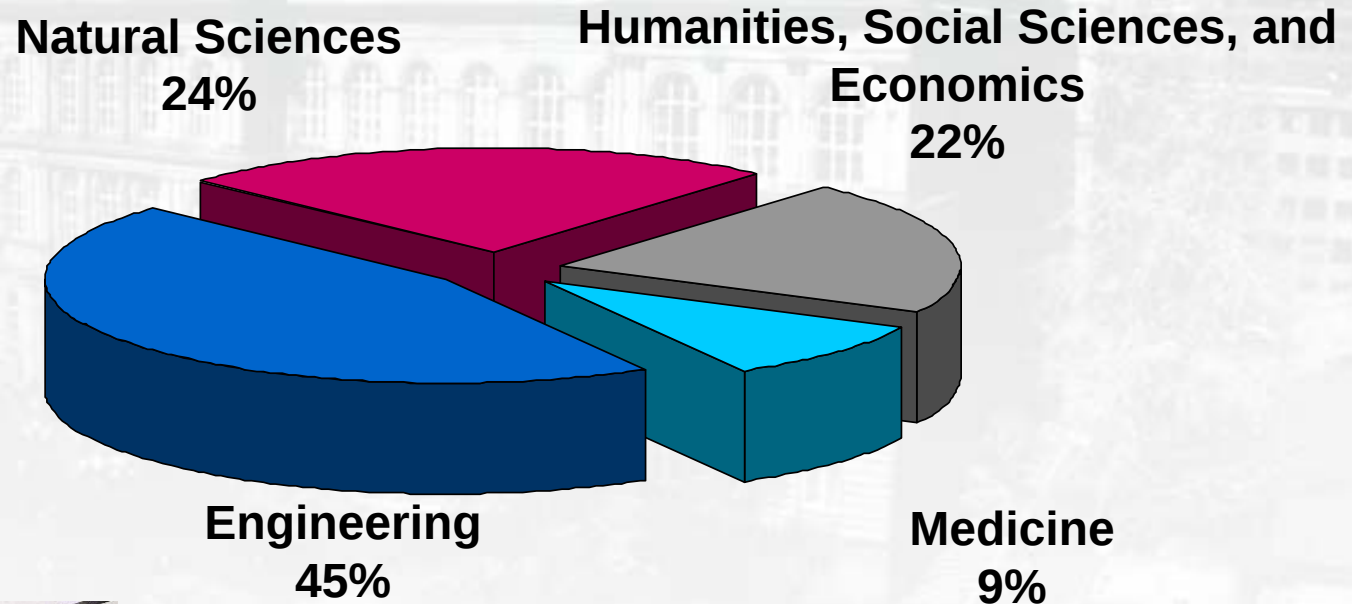
FB 10: Faculty of Medicine

Time series of the number of students

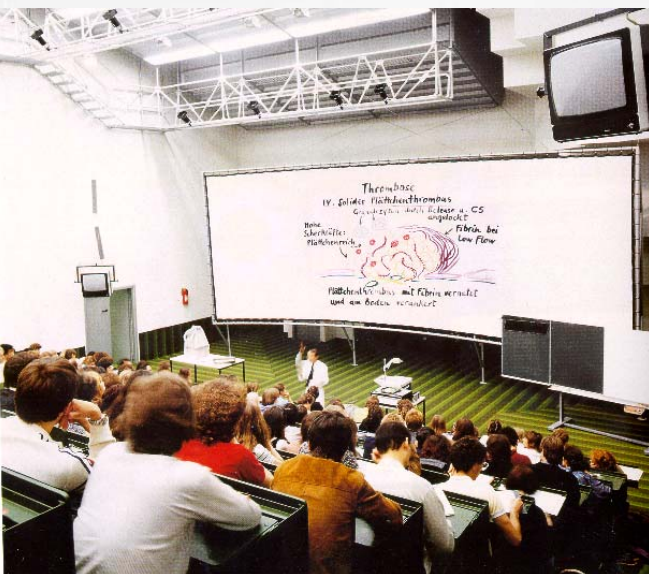


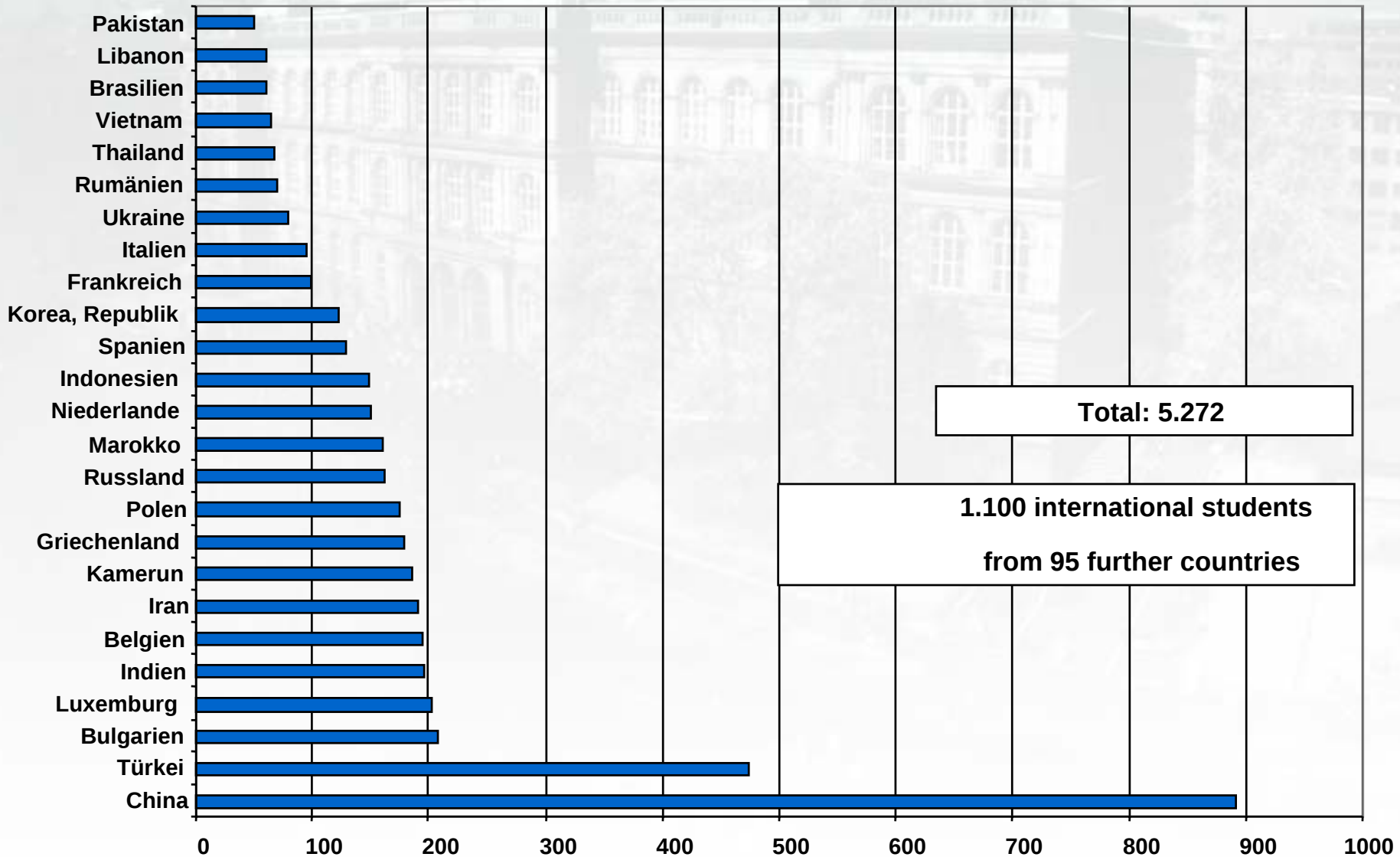
Number of Students per faculty WS 06/07





Total 30.180
(18% are international students)





■ 10 Sonderforschungsbereiche (Collaborative Research Centres)



■ 10 Graduiertenkollegs (RT Groups)



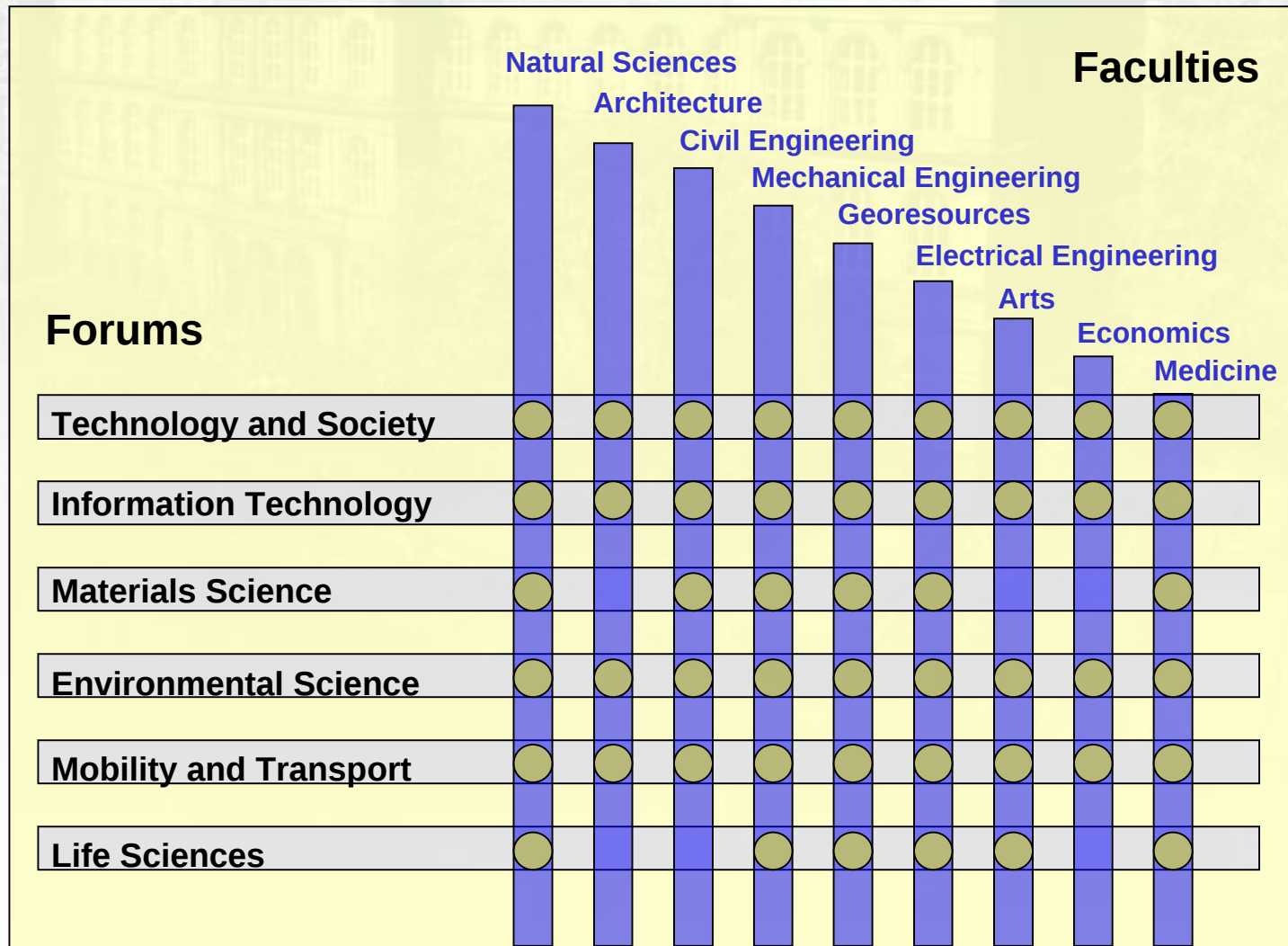
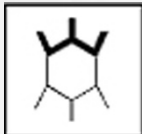
■ 6 Interdisziplinäre Foren



■ 18 Interdisziplinäre Kompetenzzentren



Cooperation between forums and faculties

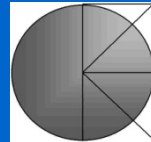


Research and Competence Centres

19 Research and Competence Centres



Aachener
Kompetenzzentrum für
Gesundheitsökonomie e.V.



VRCA
Virtual Reality Center Aachen



IZKF/BIO MAT AACHEN



ProTECA AACHEN
Produktionstechnologie Aachen



zmb
zentrum metallische bauweisen

RWTH-NanoClub
Promotion of Science and Technology

**Computational
CHEMISTRY
Coalition**



BIONIK Centre Aachen



Highlights

- RWTH Master of Science in Mechanical Engineering
- RWTH Master of Science in Lasers in Dentistry
- RWTH Program Redevelopment / Design and Management
- Executive MBA for Technology Managers
- RWTH Certificate Course “Aachen Energy Manager Power and Gas”
- RWTH Certificate Course “Industrial Services Management”
- RWTH Certificate Course “Chief Innovation Manager”

3.700€ per semester

23.000€

11.500€

32.000€

14.500€

2.950€

3.400€



Imperial College
London

 **TU Delft**
Delft University of Technology

Technische Universiteit Delft,
Julianalaan 134 Postbus 5
2600 AA DELFT
Telefoon: (015) 278 9111
Fax: (015) 278 6522

IDEA League

leading European education and research
in science and technology

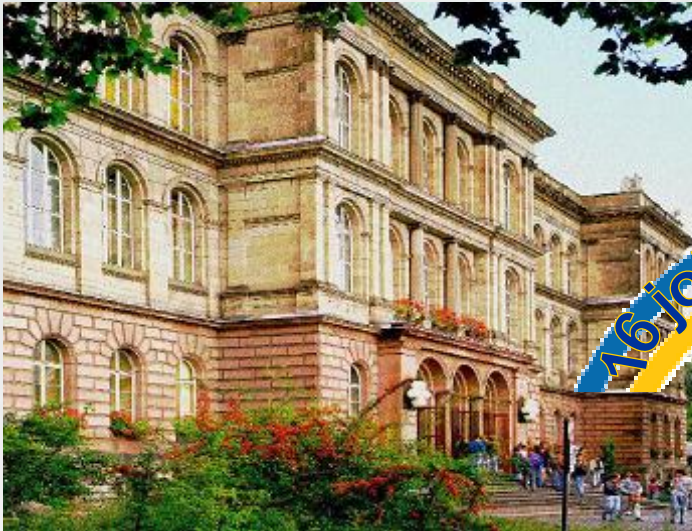
ParisTech

GRANDES ÉCOLES D'INGÉNIEURS DE PARIS
PARIS INSTITUTE OF TECHNOLOGY

RHEINISCH-
WESTFÄLISCHE
TECHNISCHE
HOCHSCHULE
RWTHAACHEN

ETH

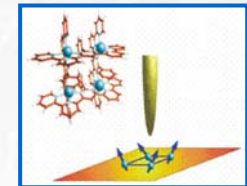
Eidgenössische Technische Hochschule Zürich
Swiss Federal Institute of Technology Zurich



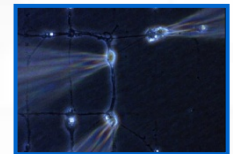
16 joint professorships



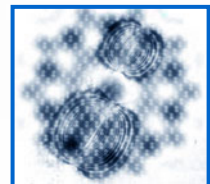
Virtual Institute for Functional Molecular Systems for Information Technology

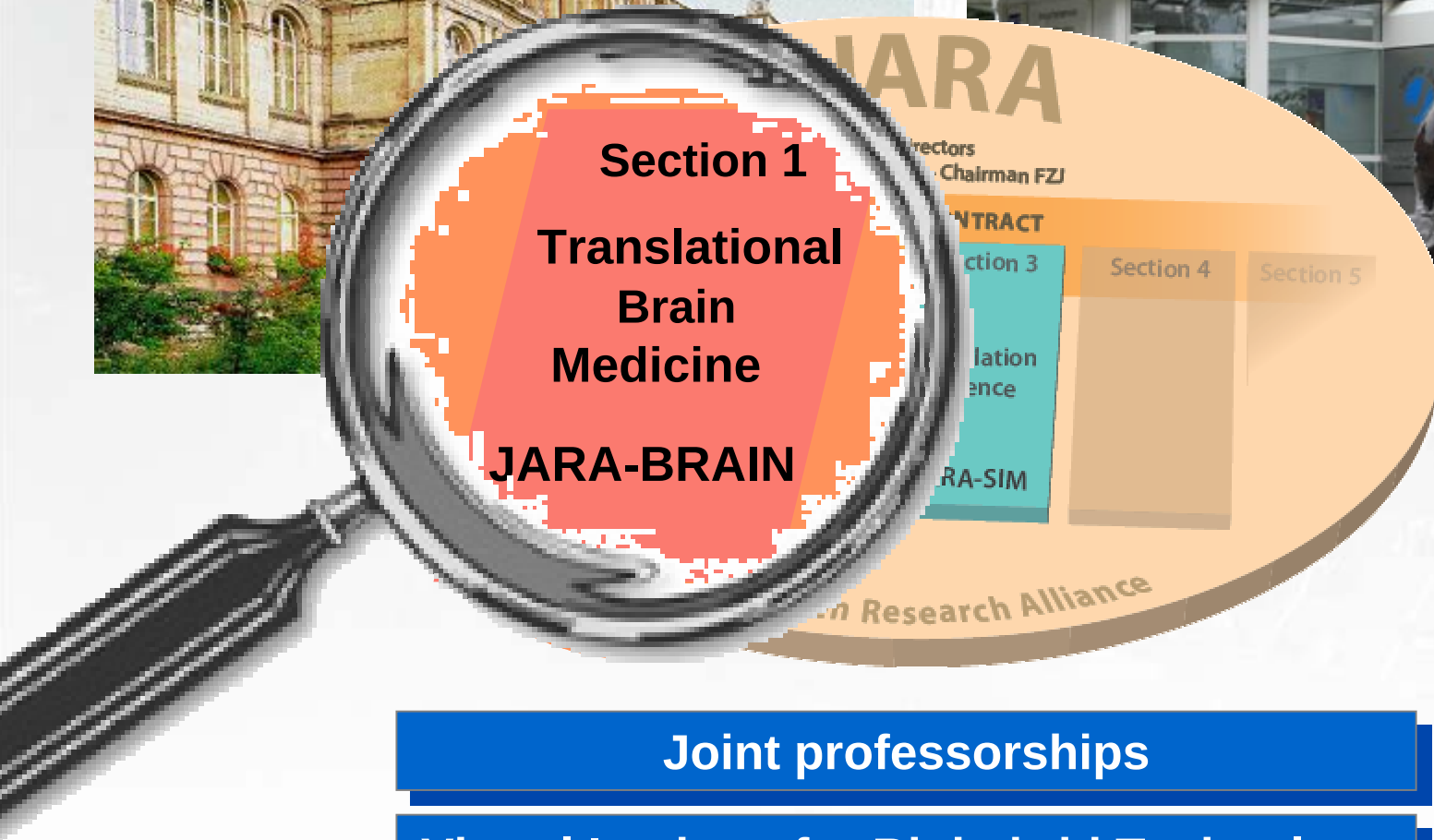
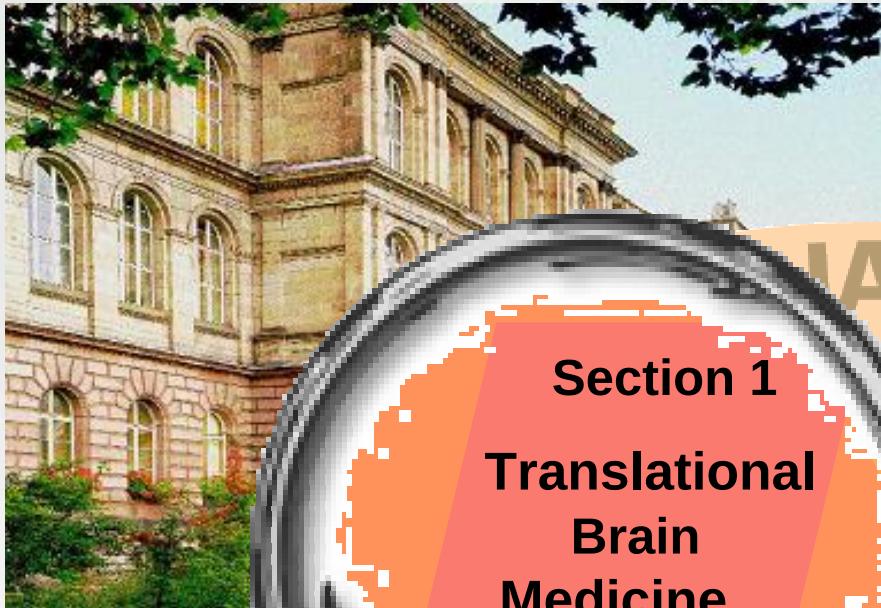


Virtual Institute for Biohybrid Technology



Ernst Ruska-Centrum

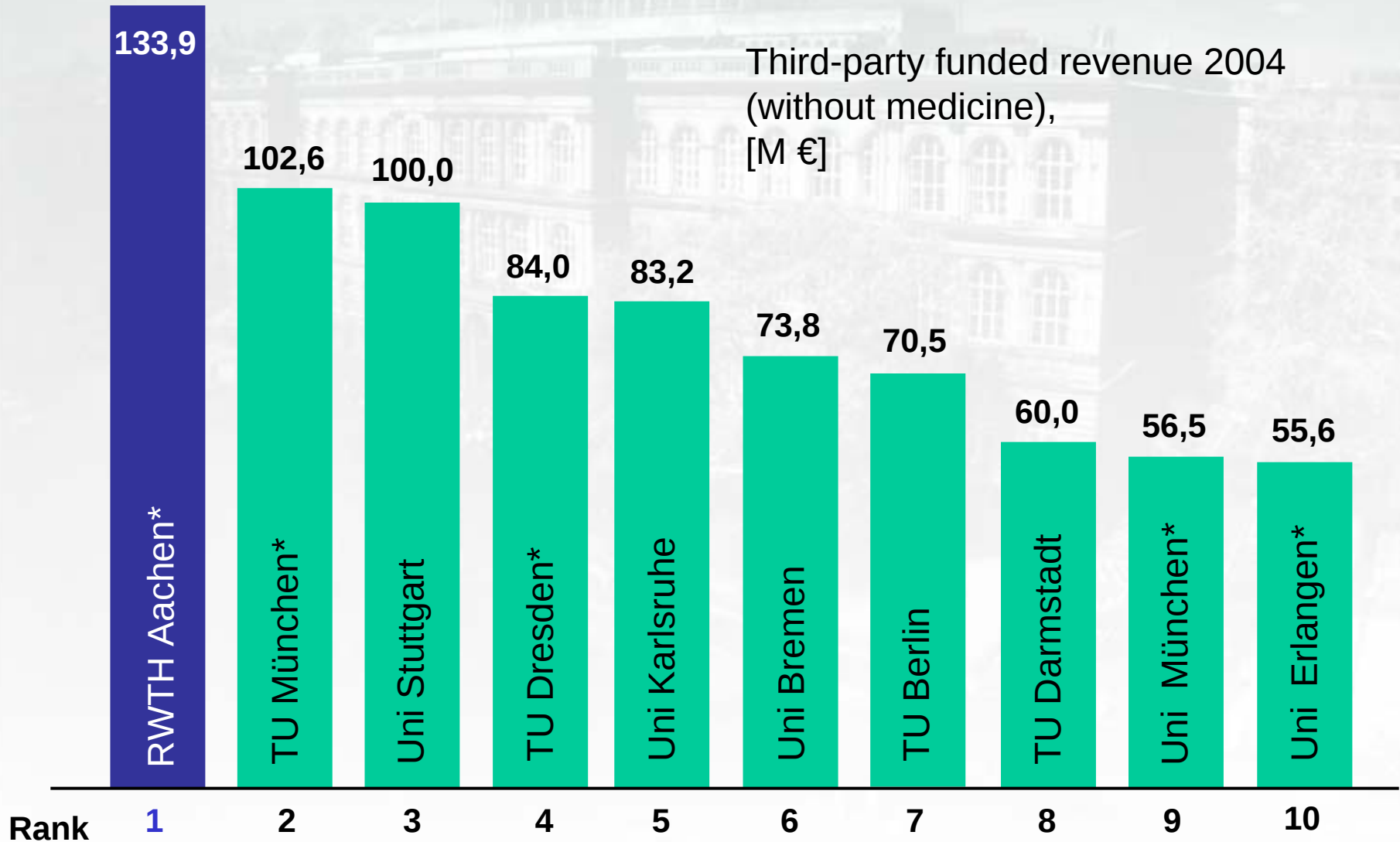




Joint professorships

Virtual Institute for Biohybrid Technology

Research: Third-Party Funding (German TOP10)

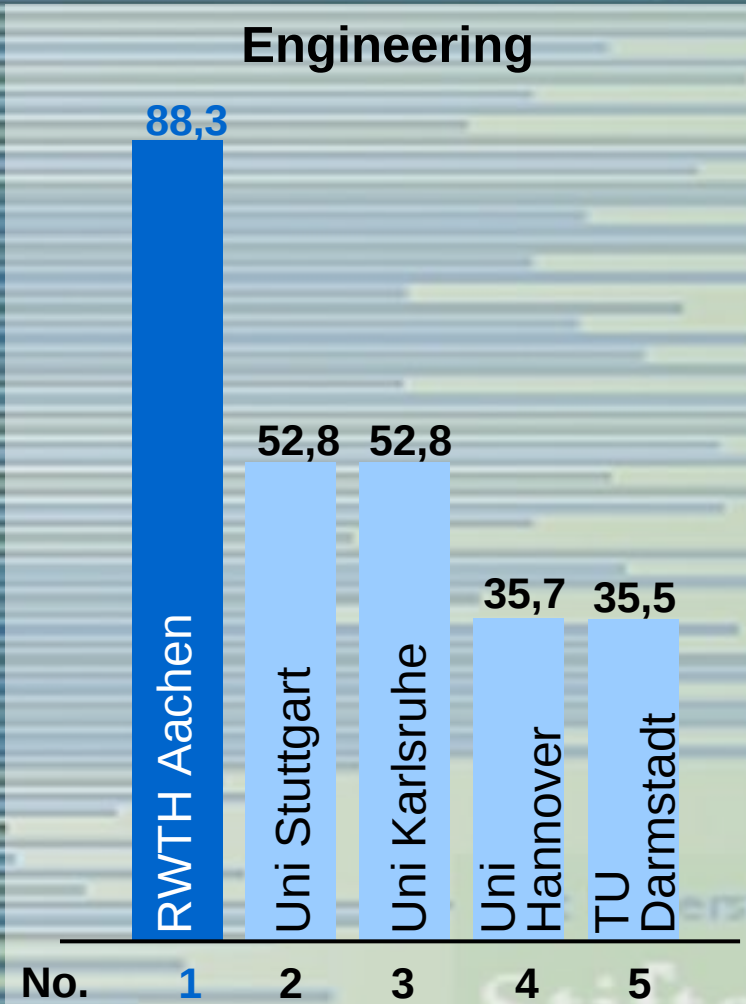


Source: Statistisches Bundesamt, October 2006

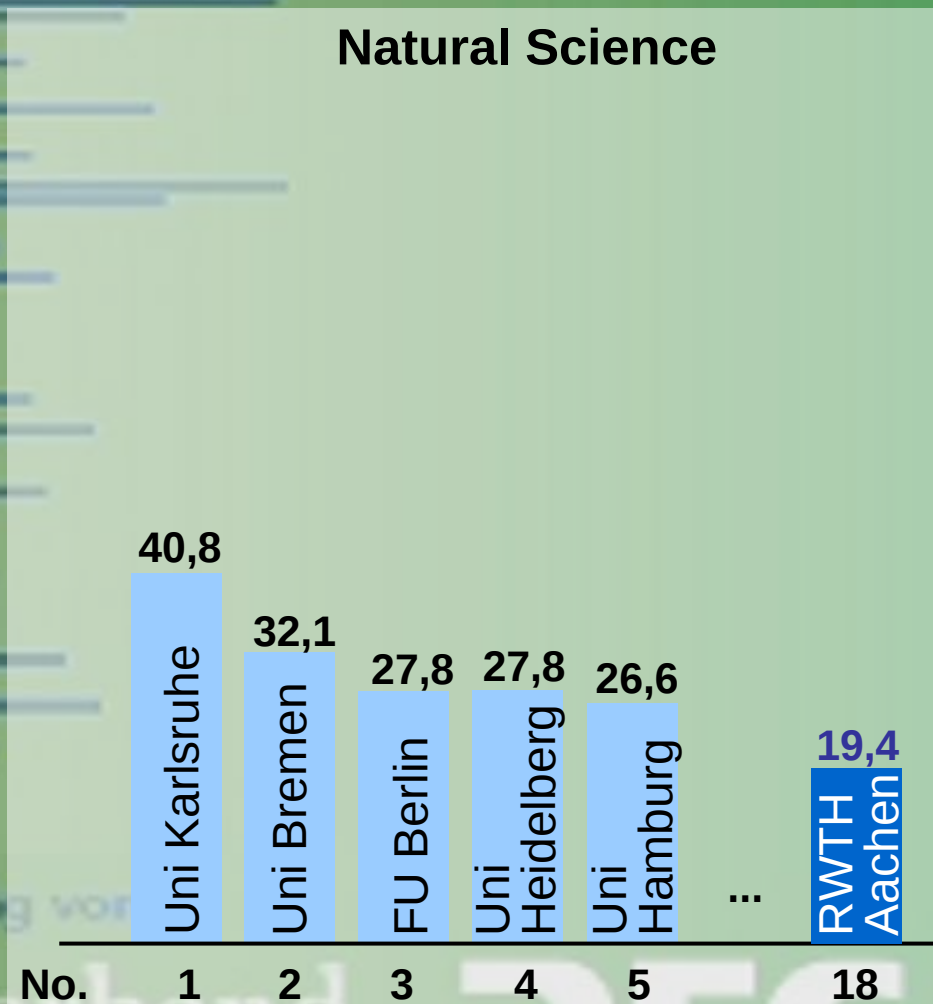
DFG grants: Top Five Universities

Million Euros, 2002-2004

Engineering



Natural Science



Ranking results 2000-2007

RWTH

WIRTSCHAFTSWOCHE

Engineering

Top Ranking (No. 1)

2000 - 2007

FOCUS

Mechanical Eng.

Top Ranking (No. 1)

2004 - 2007

DFG

No. 1:

1999 - 2001;

No. 2:

2002 - 2006

CAPITAL

Mechanical Eng.

No. 1

2003 - 2005

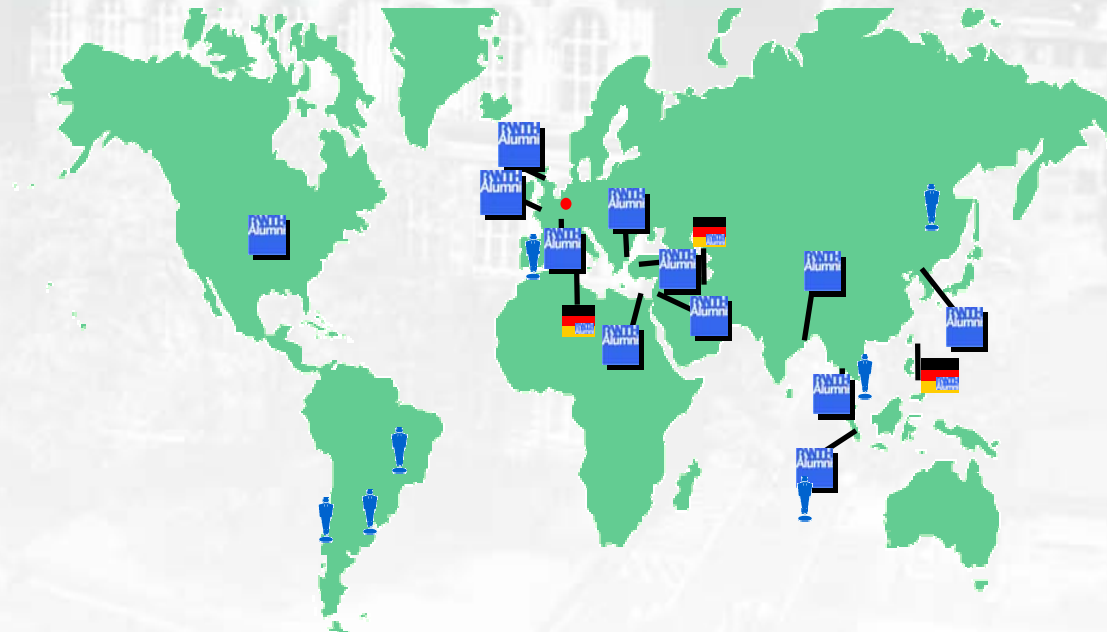
**RWTHAACHEN
UNIVERSITY**

...excellent in Engineering!

Alumni-Treffs



Alumni-Clubs



Contact Person

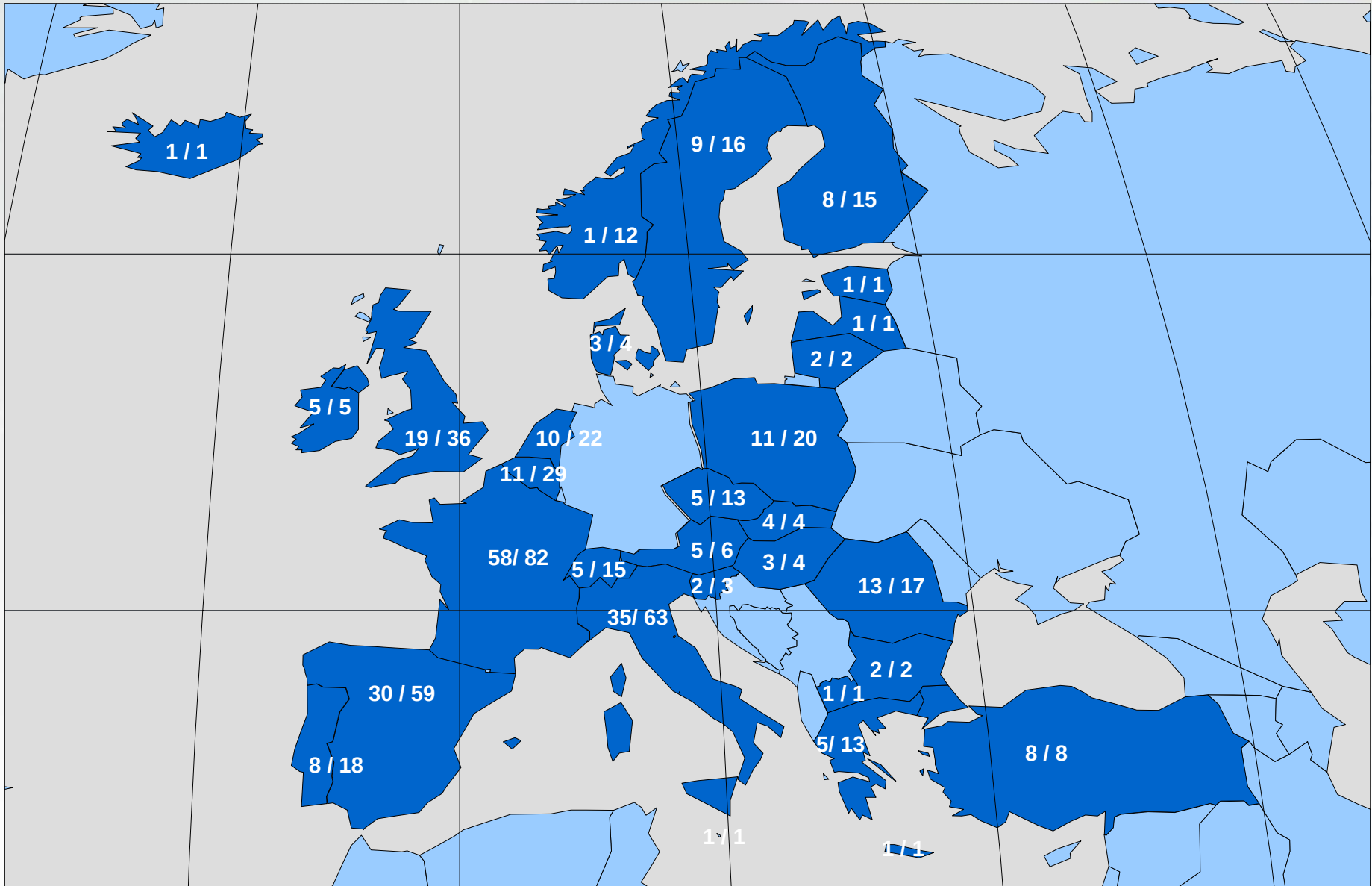


RWTH Club



Club with German Alumni

Socrates/Erasmus Partners & Agreements



Left: number of partners / Right: number of agreements



Available Programmes:

- Production Engineering
- Automotive Engineering



Example: Chinese student

Tsinghua: studies
(1 semester)

RWTH: studies
(2 semesters)

Tsinghua: thesis
(1 semester)



Double Degree
(Tsinghua and RWTH)



Contract Signing

December 27, 2006, Muscat, Sultanate of Oman
Prof. Dr. Burkhard Rauhut
Dr. Rawiyah Bint Saud Al Busaidiyah
Abdullah Al-Salmi

Foundation year starts 2007

Bachelor programs start 2008

Master programs start 2009

PhD programs and researches will follow...



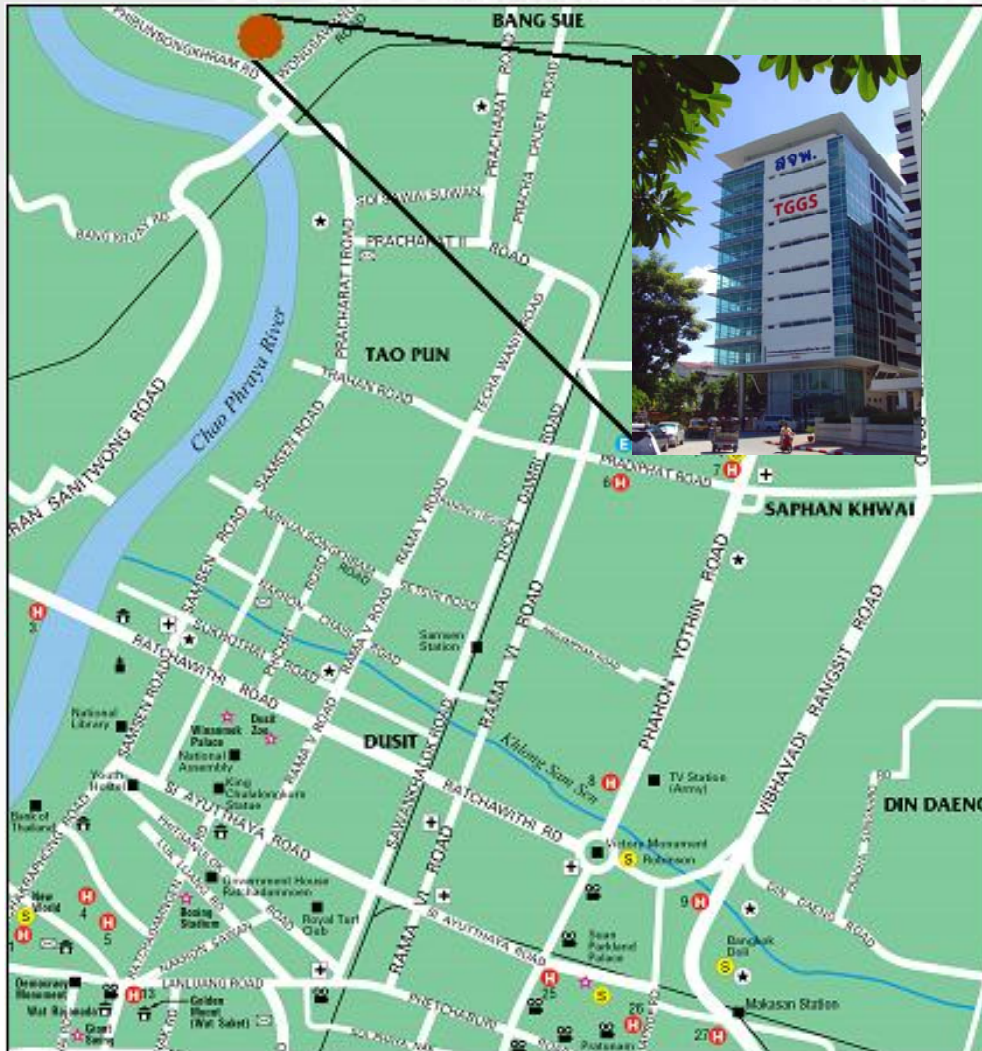
Thai-German Graduate School of Engineering

RWTH

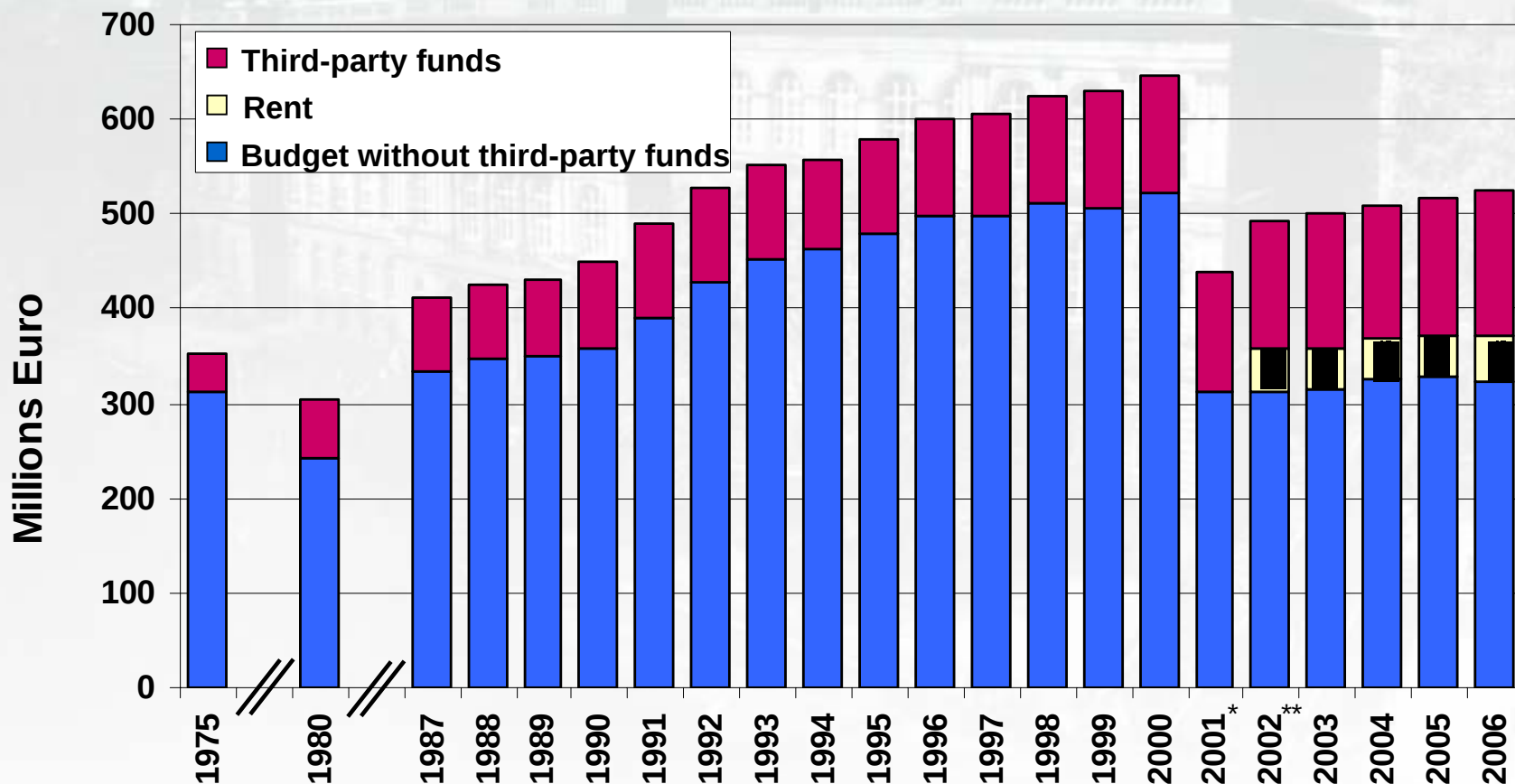
**RWTHAACHEN
UNIVERSITY**

The Srinidhorn International
TGGS

Thai-German
Graduate School
of Engineering



Development of budget volume



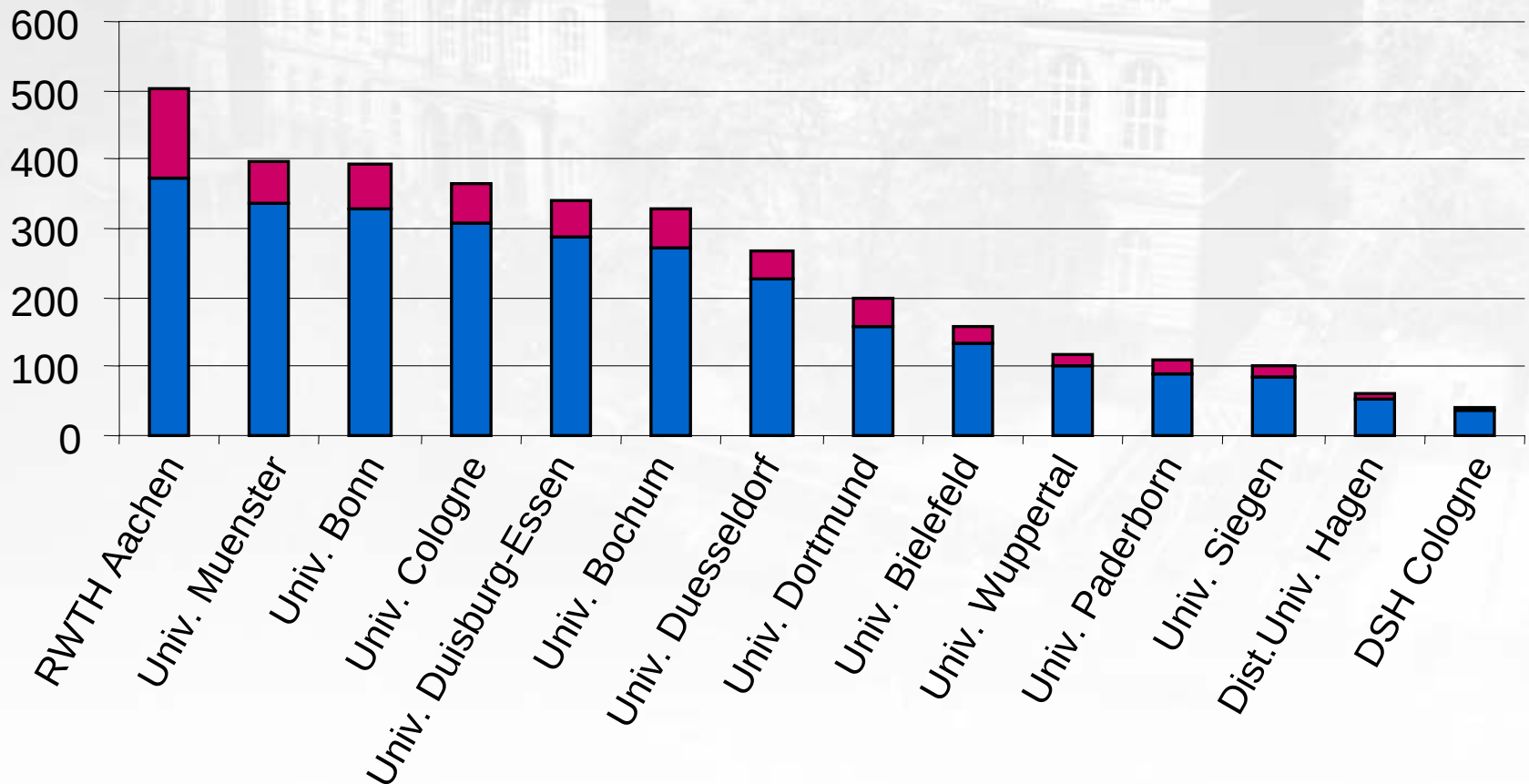
* 2001 nach Rechtsformänderung des Universitätsklinikums Aachen

** 2002/03 erstmalig veranschlagt Mieten/Pachten an den BLB NRW in Höhe von 43,3 Mio. EURO

Data incl. medicine

Budgets of NRW Universities

Third-party funds ■
Budget without third-party funds ■



On the Excellence Initiative



**Agreement on Excellence Initiative
by the German Federal Gov. & the States in June 2005**

Aims

- **To strengthen science and research in Germany in the long term**
- **To improve the international competitiveness of Germany**
- **To raise the profile of the top performers in academia and research**

Funding Lines

**Excellence Initiative of the German
Federal Gov. and the States**

**1. Funding Line
GRADUATE
SCHOOLS**

**Funding p.a.:
1 Mio. Euro**

**2. Funding Line
CLUSTERS OF
EXCELLENCE**

**Funding p.a.:
6,5 Mio. Euro**

**3. Funding Line
FUTURE
CONCEPTS**

**Funding p.a.:
~ 12,5 Mio. Euro**

plus 20% overhead

Retained Proposals of the RWTH Aachen



1st funding line: Graduate School

**Aachen Institute for Advanced Study
in Computational Engineering Science**

Coordinator: Prof. Behr

2nd funding line: Cluster of Excellence

**Ultra High-Speed Mobile Information and
Communication**

Coordinator: Prof. Ascheid

**Integrative Production Technology for
High-Wage Countries**

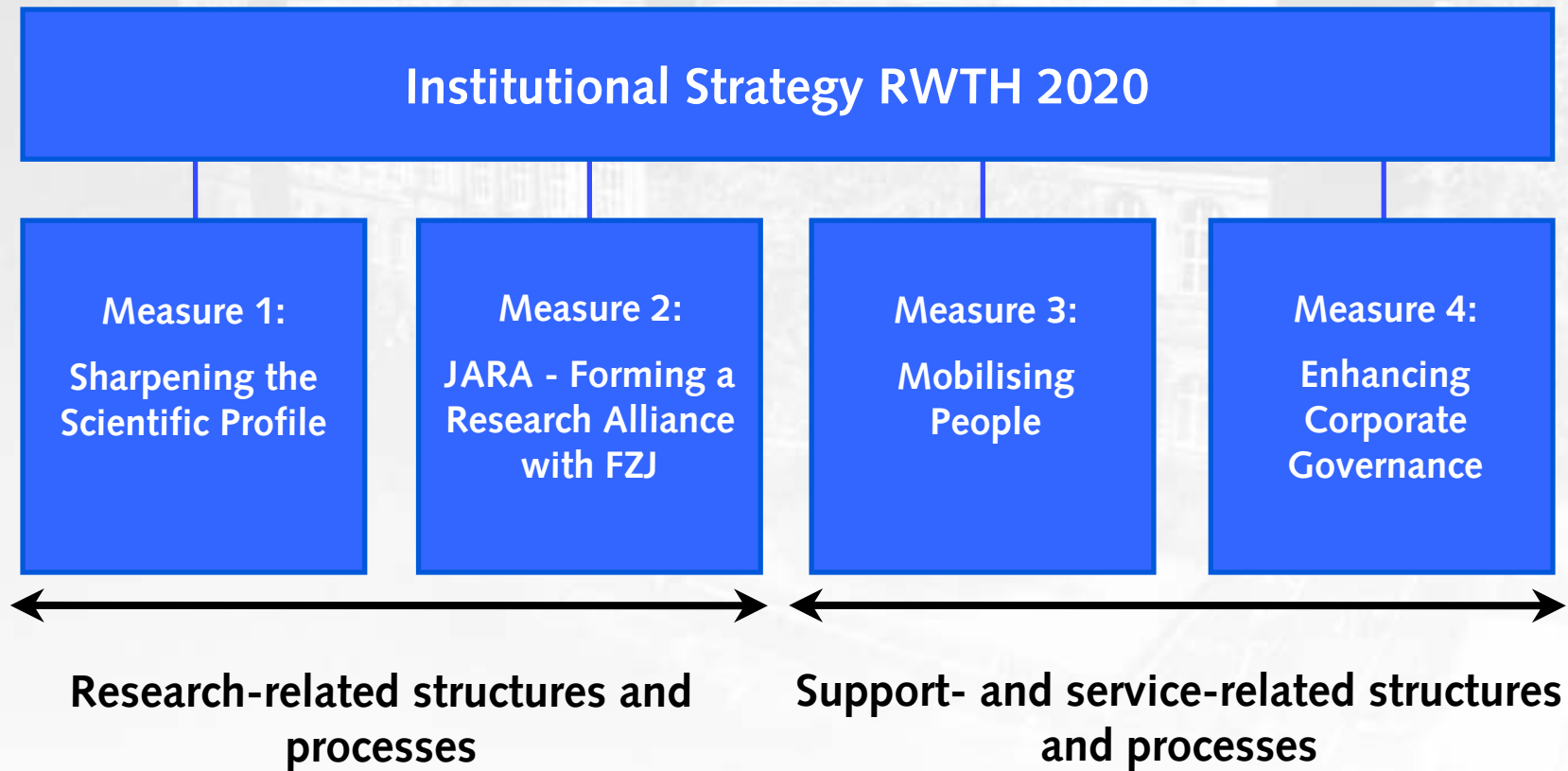
Coordinator: Prof. Brecher

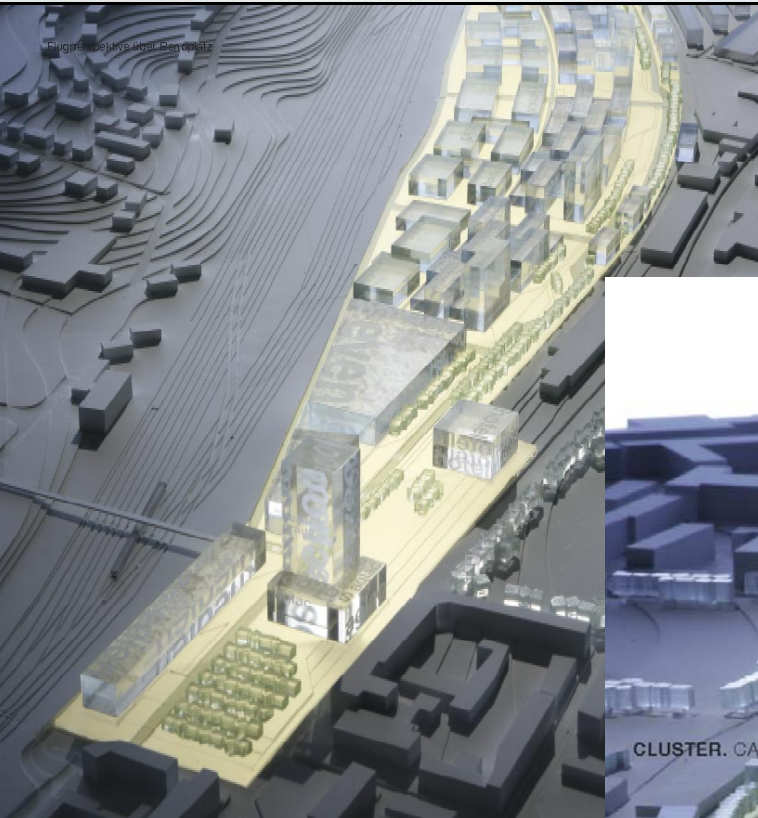
Tailor-Made Fuels from Biomass

Coordinator: Prof. Pischinger

3rd funding line: Institutional Strategy

**RWTH 2020: Meeting Global Challenges
The Integrated Interdisciplinary University of Technology**

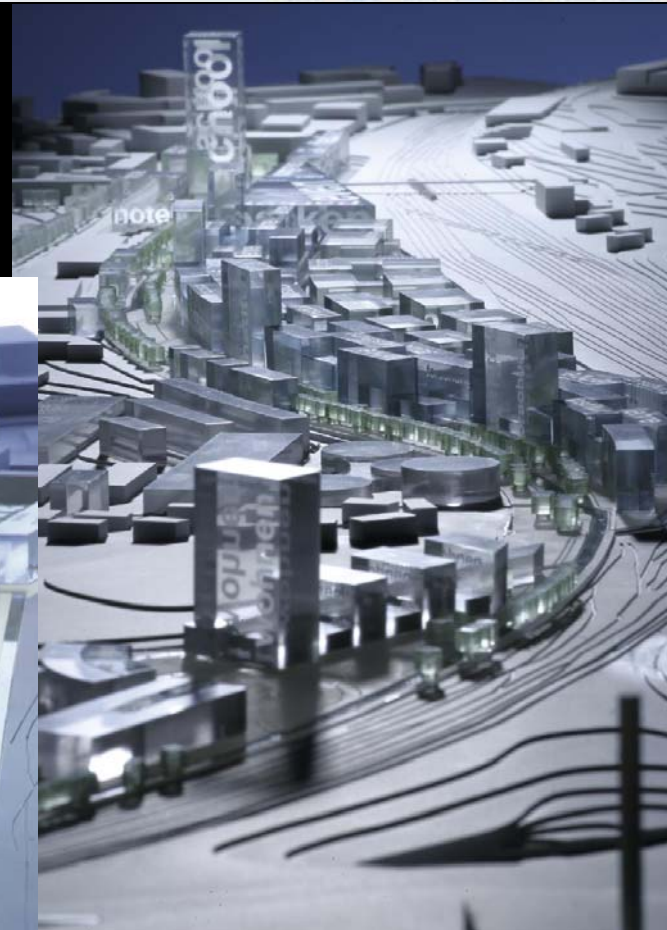




Campus Tower



Campus with Future



Quarter and Cluster



An architectural rendering of a modern building at RWTH Aachen University. The building features a dark, angular facade and a large glass section that reveals interior spaces with people. A prominent white overhang with vertical slats is positioned above the glass entrance. The building is situated in an urban environment with a paved plaza, trees, and a historic stone building in the background. A blue banner with white text is overlaid across the middle of the image.

Thank you for your attention!