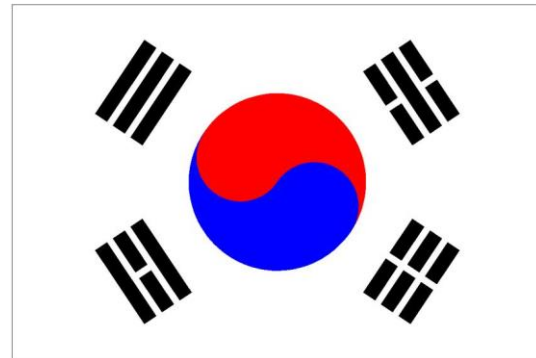


Welcome to the Aachen Region



AGIT the economic Development agency of the Aachen region

- Support the economic development of the region Aachen
- Advising companies on establishment, growth and relocation
- Improving conditions for the successful development of the regional focus industries through networking

Our objective is to strengthen the economic structure
the Aachen region

Shares and Shareholders



City of Aachen



Aachen County



Economic development
Aachen County



Düren County



Euskirchen County



Heinsberg County



Chamber of industry
and commerce Aachen



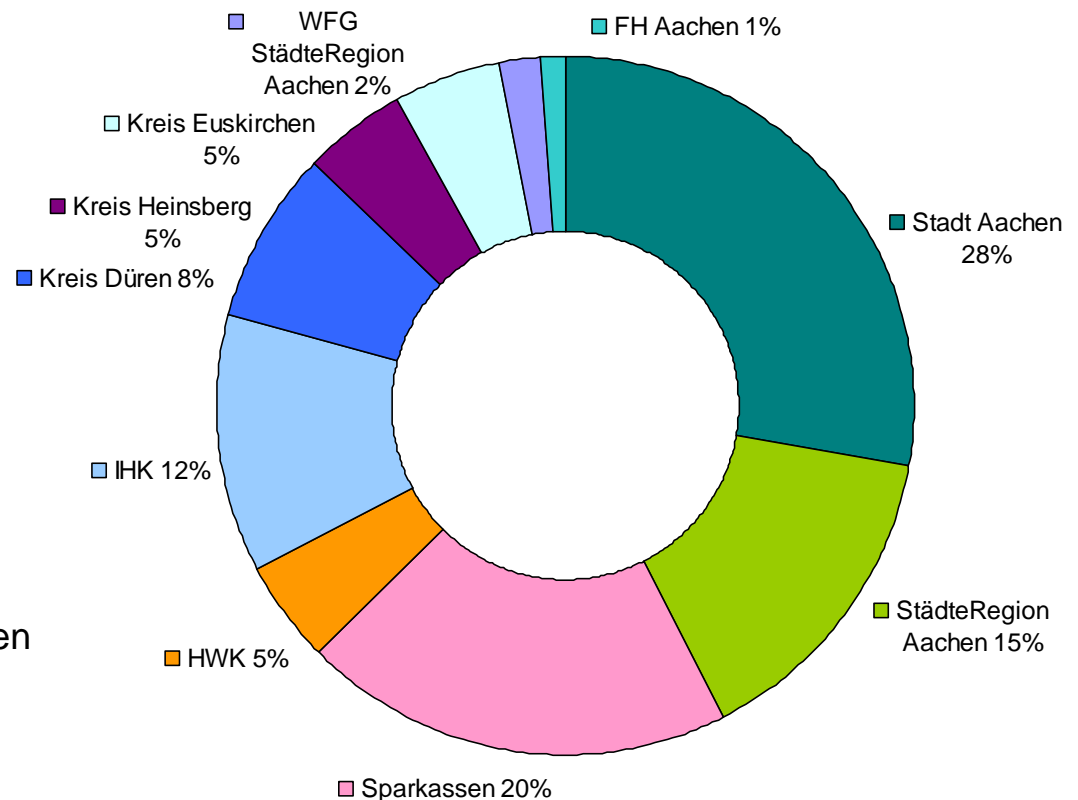
Chanber of
Handycraft Aachen



University of
Applied sciences Aachen



Sparkassen
local saving bank



Core Business

AGIT supports companies who wish to settle in the Aachen region.

Department

Location promotion and inward investment

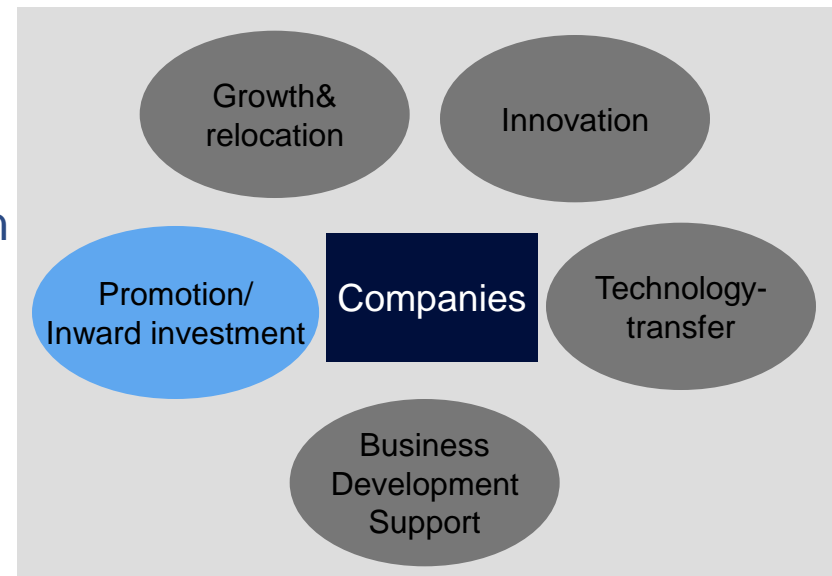
AGIT advertises the Aachen region for potential investors in Germany and abroad.
AGIT is also partners for companies and institutions that are interested in the Aachen region.

The support ranges from
site selections

Provision of general and specific information

Organization of site visits

Providing of potential partners in the region.



The Aachen Region at a glance



Where tradition meets future

Where internationality meets home country



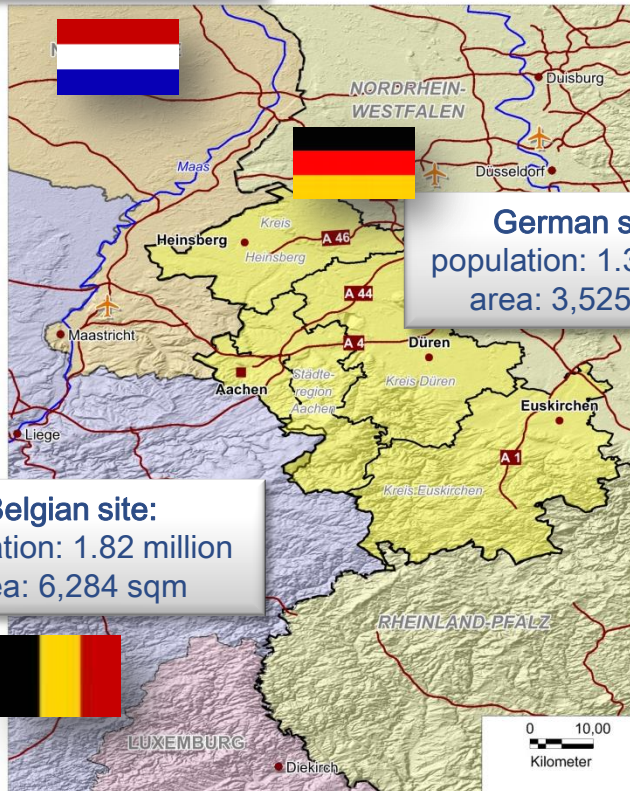
The Aachen Region at a glance



population 3.9 million
pop. density 362 inh./sqm
GDP 86.5 billion €
Workforce 1.7 Millionen

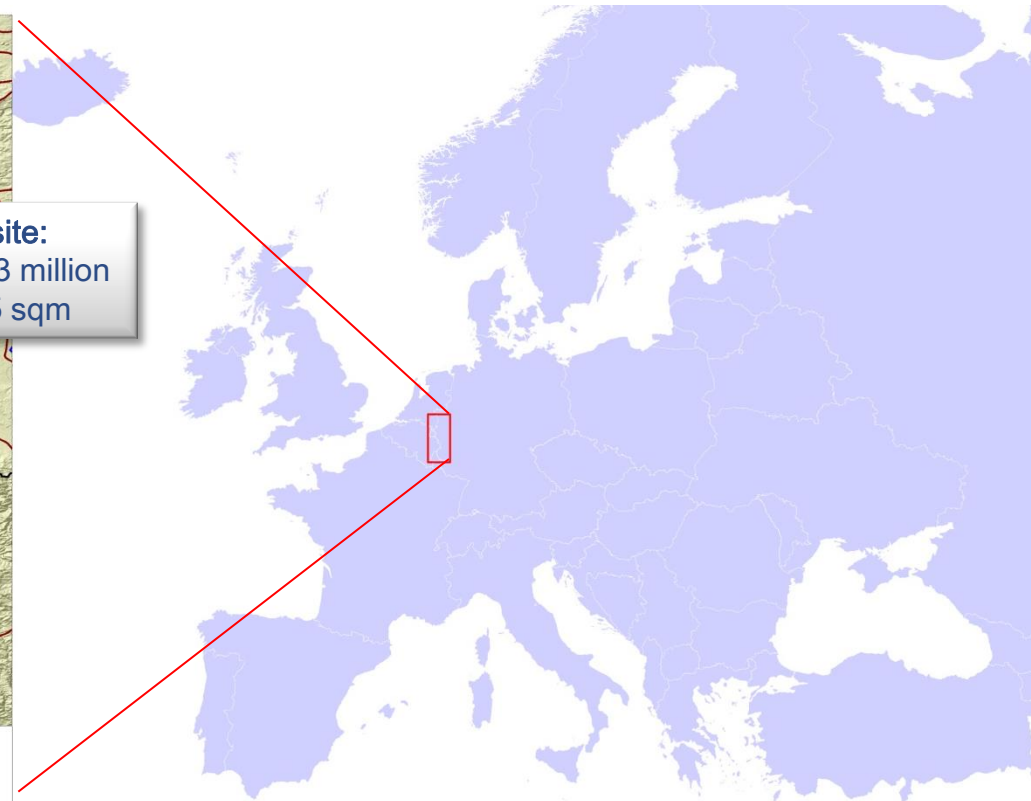
(3 languages & 5 cultures)
companies 250,000
universities 6 (92,000 students)
thereof:
RWTH Aachen: 37,900 students
FH Aachen: 11,300 students

Dutch site:
population 0.64 million
area: 983 sqm

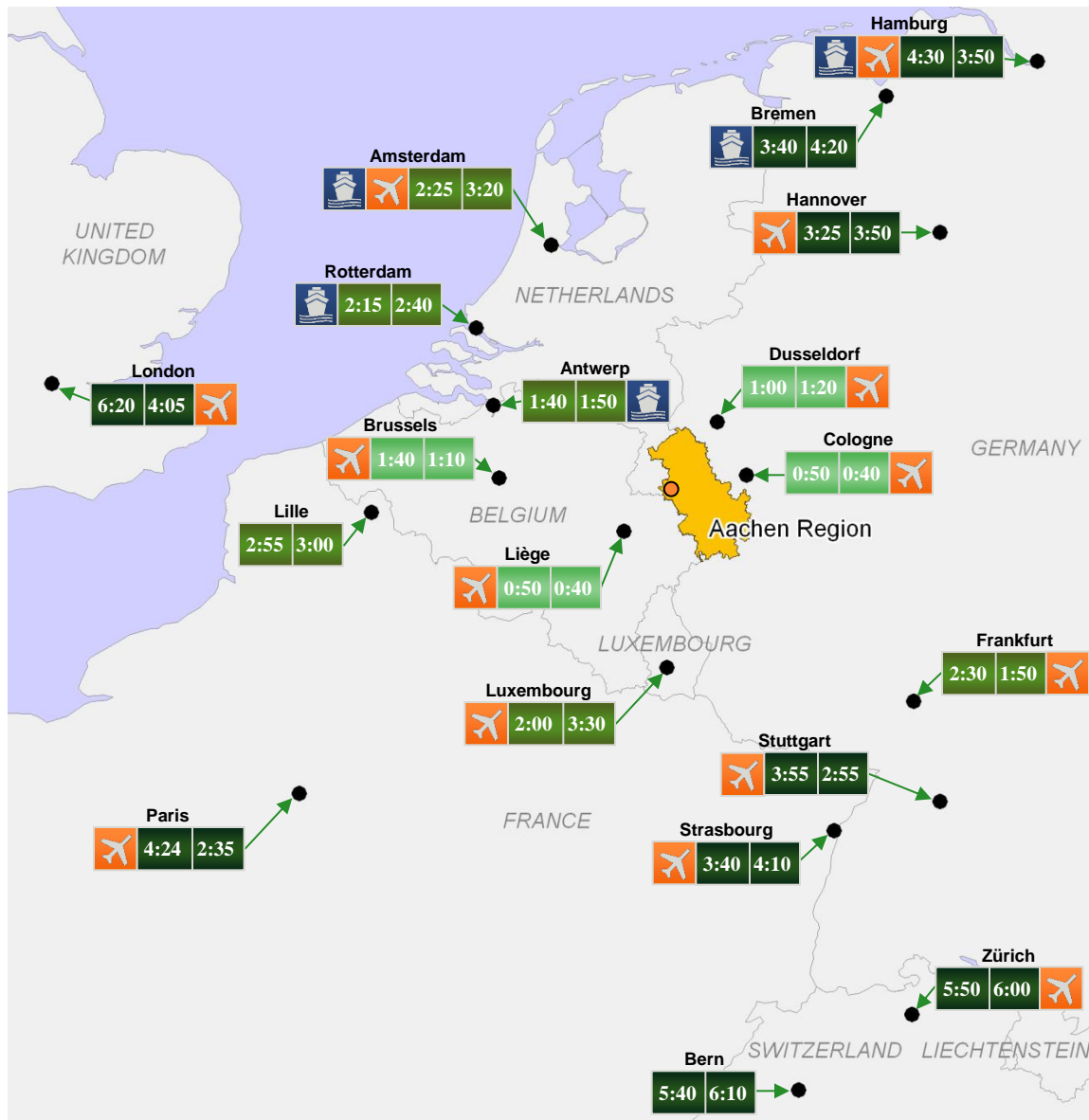


German site:
population: 1.3 million
area: 3,525 sqm

Belgian site:
population: 1.82 million
Area: 6,284 sqm

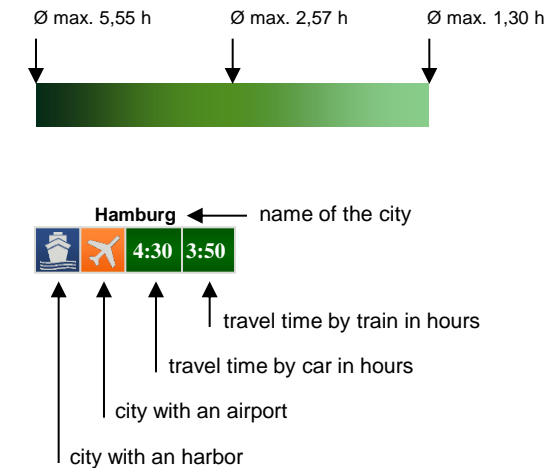


The Aachen Region at a glance

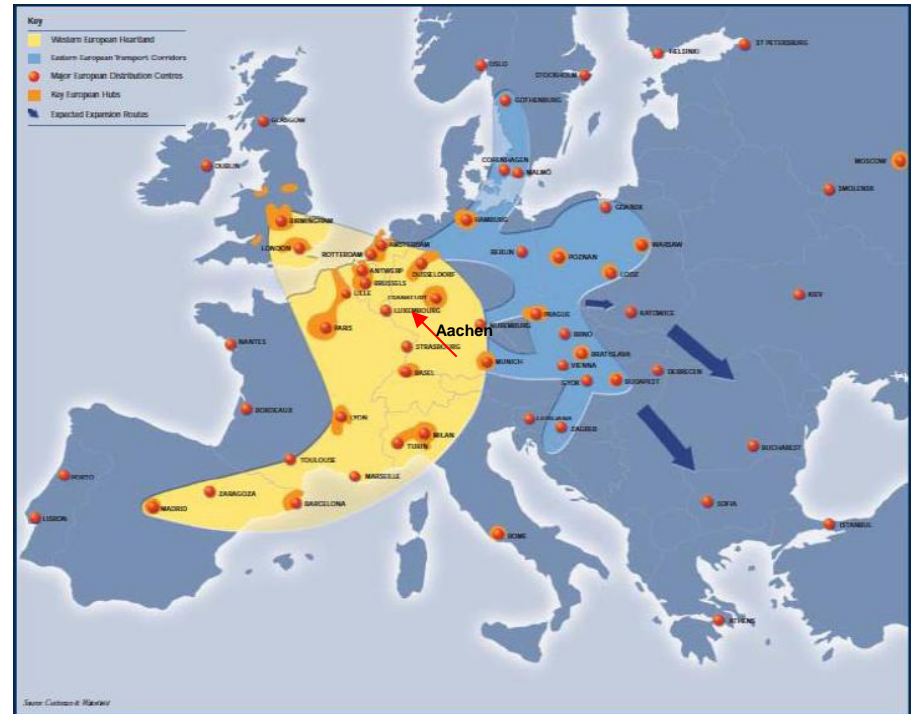
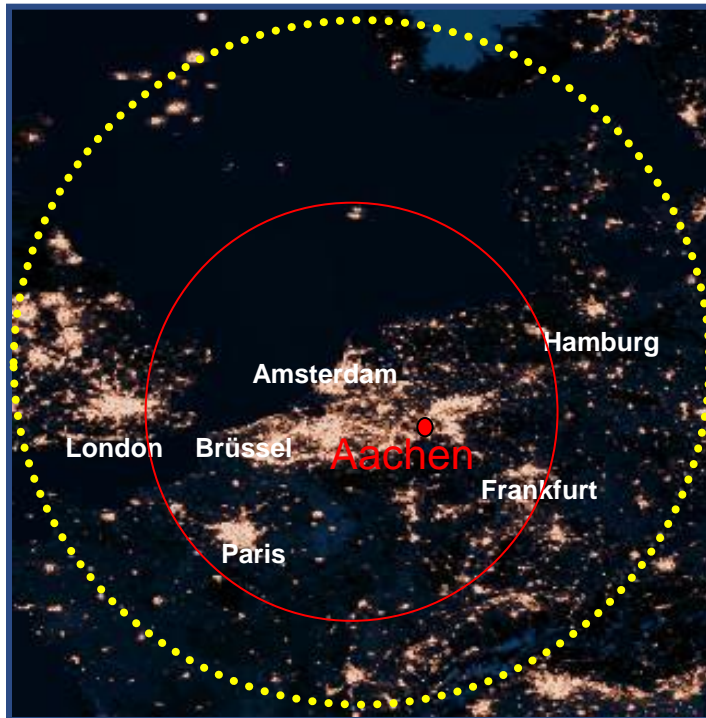


Excellent transport conditions in the heart of Europe

Legend



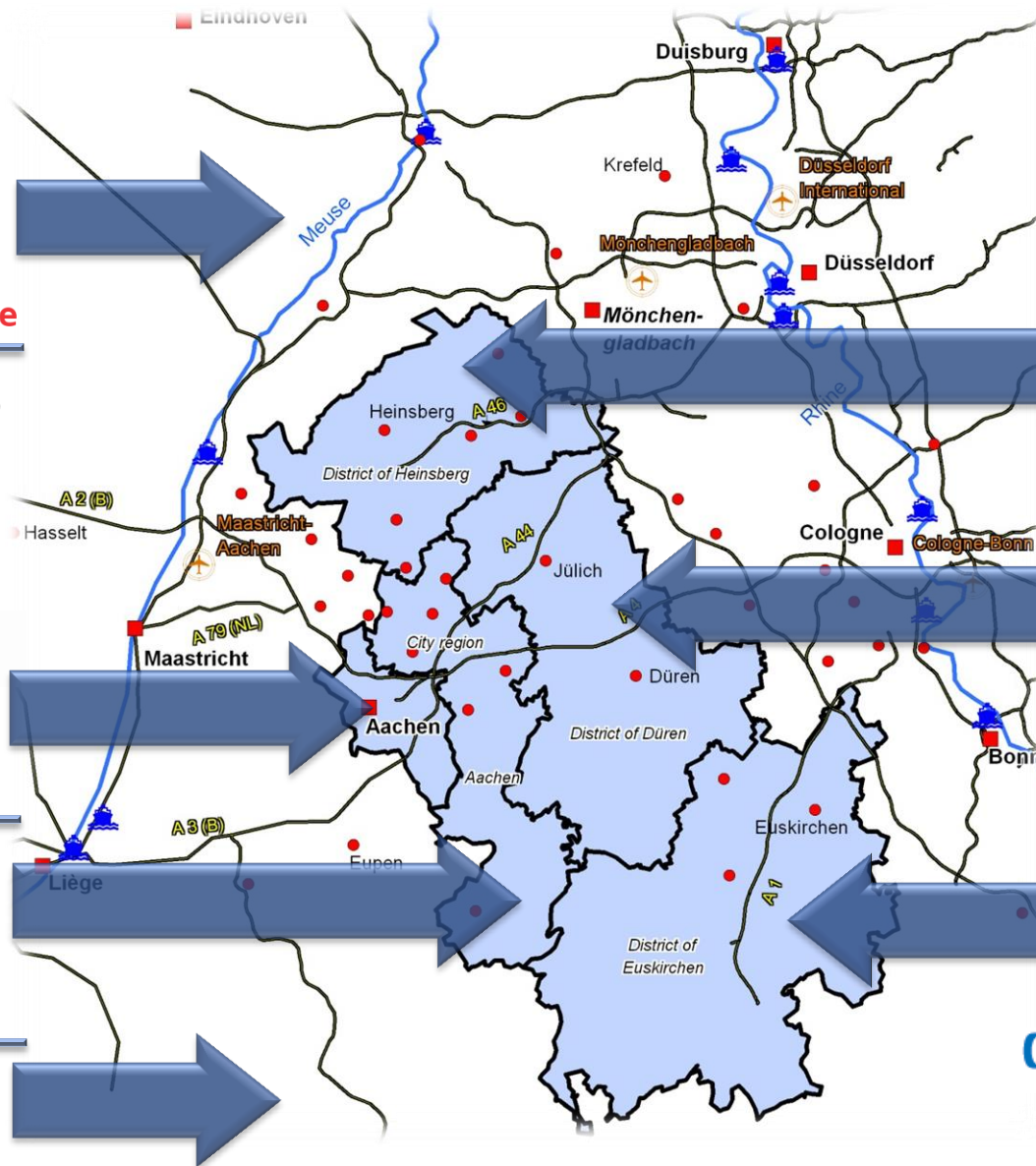
The Aachen area – In the heart of western Europe



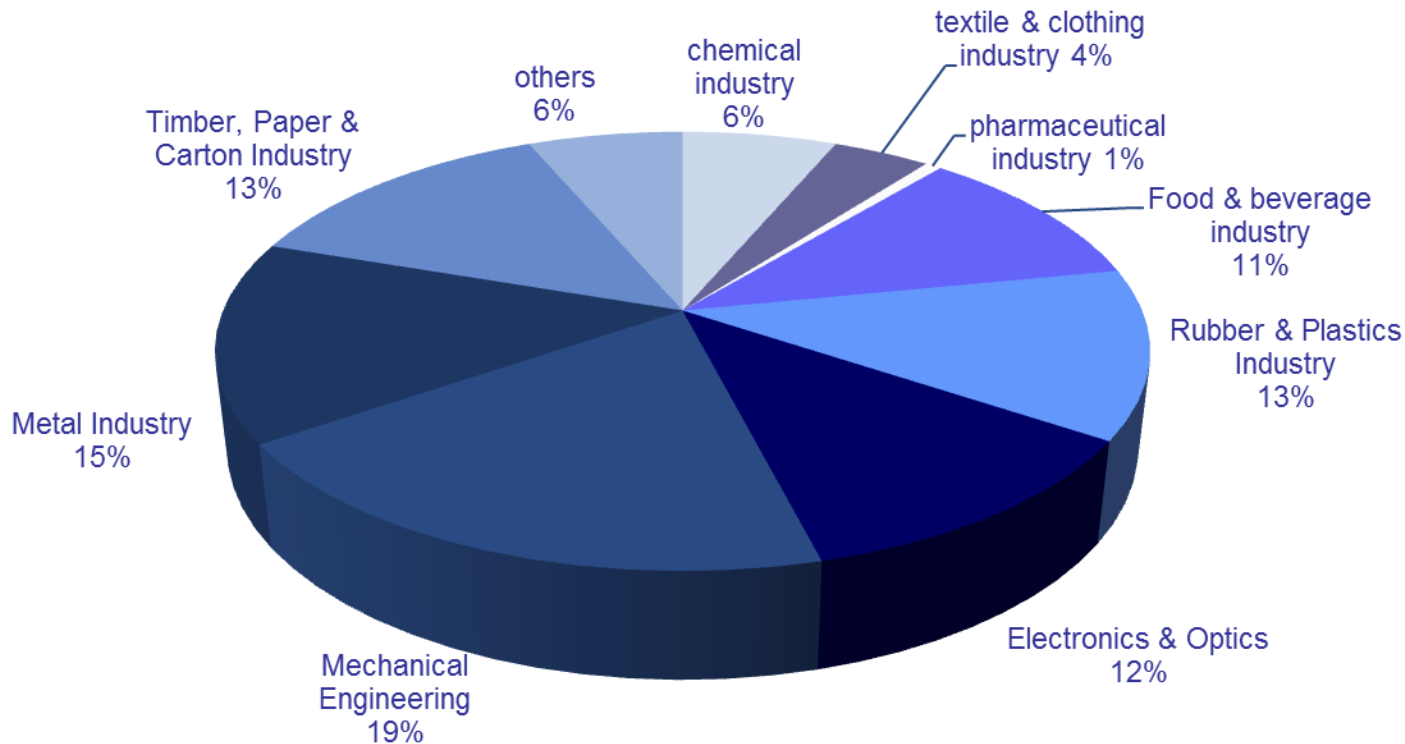
About 100 million people can be reached by road within 4 hours
25% of the total economic power in the European Union

A perfect place to meet customers and business partners!

Companies in the Aachen region

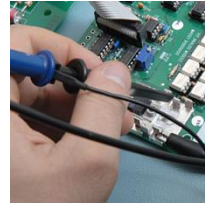


The Aachen region - major industrial branches*

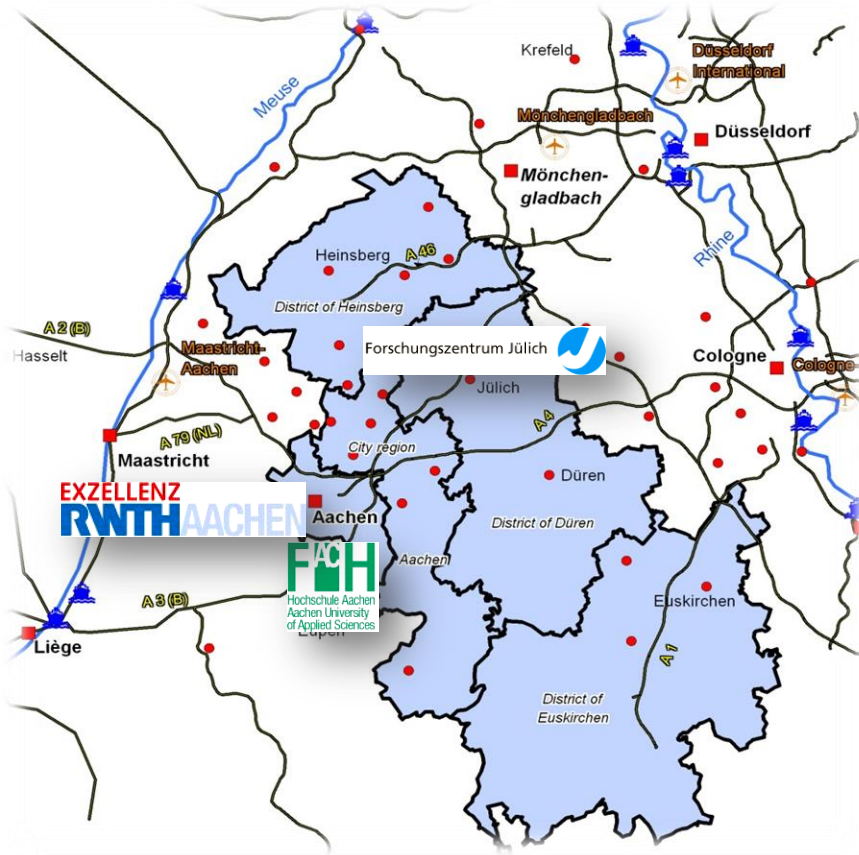


Share of employees in industrial branches: 20,3% (Agriculture: 1,2%; services: 78,5%)

Source: LDS NRW, Statistik regional, 31.12.2010 * on basis of employees



Universities & research landscape



RWTH Aachen (Aachen University), One of the leading technical Universities in Europe with 37,900 students, 40 percent are enrolled in engineering science subjects. More than 3,300 graduates p.a. and 700 doctor degrees p.a.

FH Aachen, one of the largest universities of applied sciences in Germany with 11,300 students and 1,530 graduates p.a. 12.2 million euros third-party funding. A leading German university of applied sciences doing research activities.

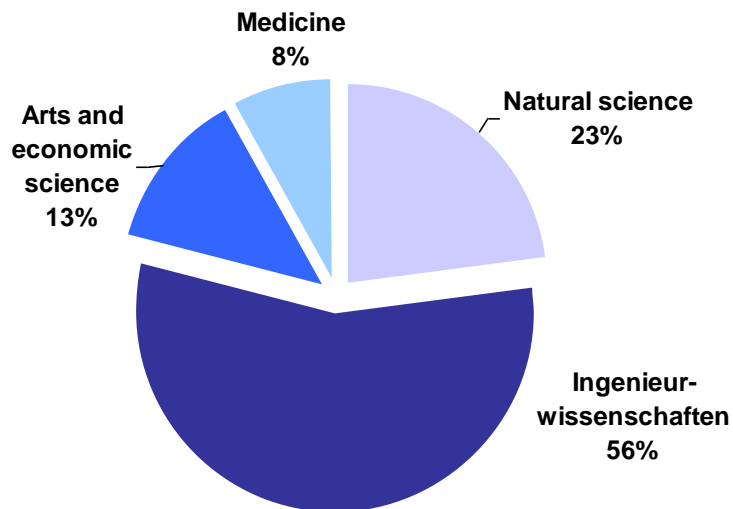
Forschungszentrum Jülich, largest interdisciplinary research centre in Germany with a scientific staff of 1,300.

RWTH Aachen University is with 315 mio. euros one of the leading third-party funding-attractor of all German Universities

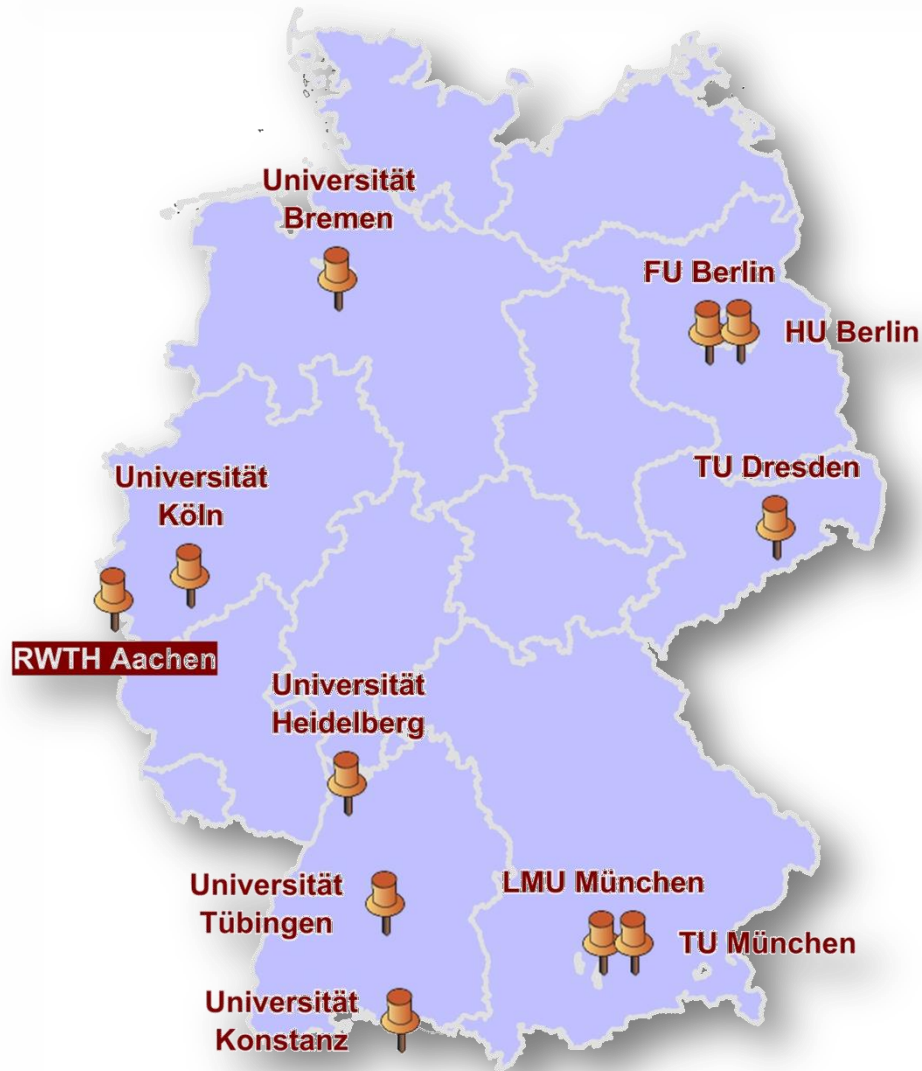
- Budget: 748 Mio. €
- Third-party funding: 315 Mio. €
- Affiliated institutes: 35 Mio. €

- 480 Professorships
- 260 Institutes
- thereof 20 big institutes and 4 Fraunhofer Institutes

- 13 Affiliated institutes
- 9 Research training groups
- 37,900 Students



German Universities Excellence Initiative 2012



The RWTH Aachen is one out 12 German universities bearing the title “university of excellence”.

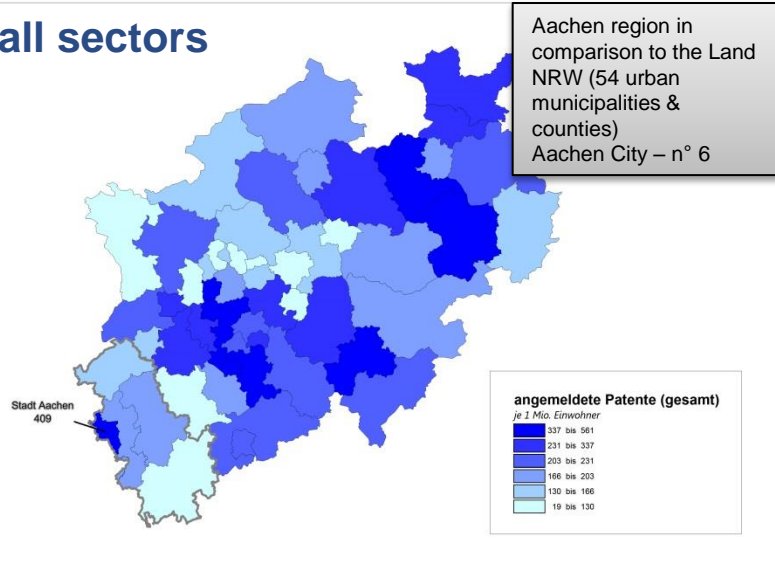
EXZELLEENZ
RWTHAACHEN



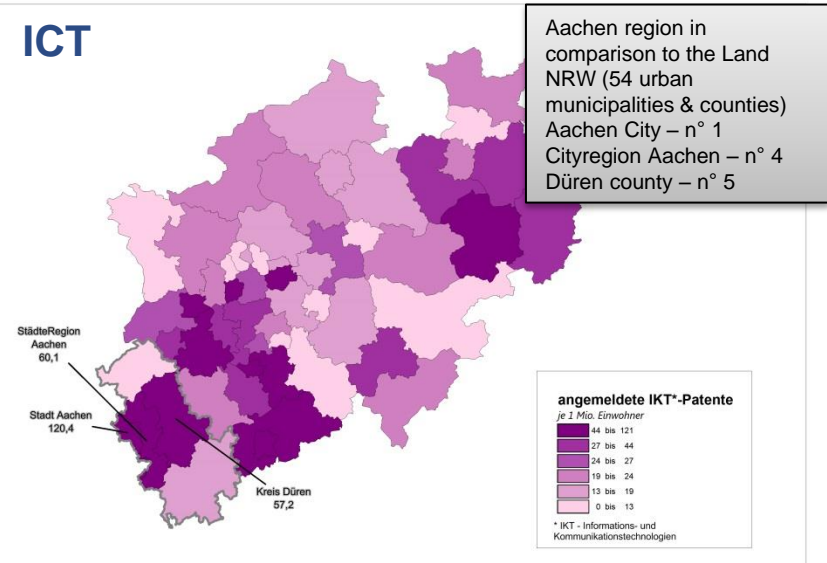
Patent applications in NRW & the Aachen region



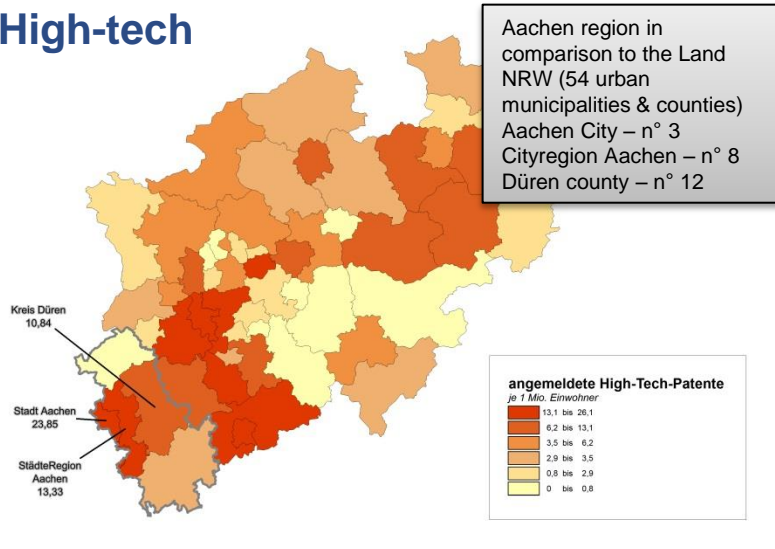
all sectors



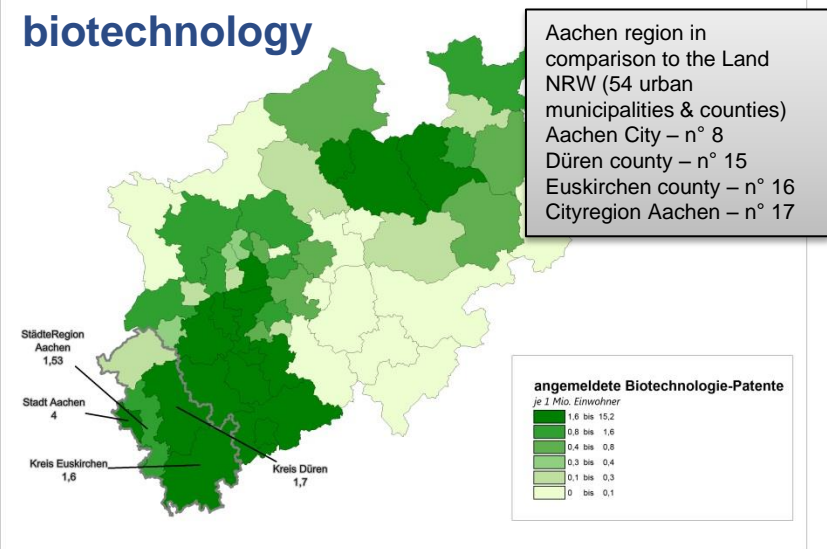
ICT



High-tech



biotechnology



Already departments and their cooperation with the industry mark the uniqueness of RWTH Aachen University



Interactive Materials Research



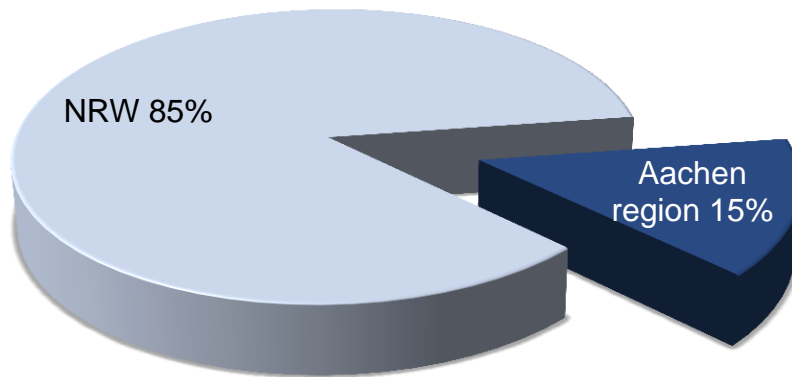
No other university in Europe provides more applied big-departments than RWTH Aachen University

The Aachen region strong in R&D

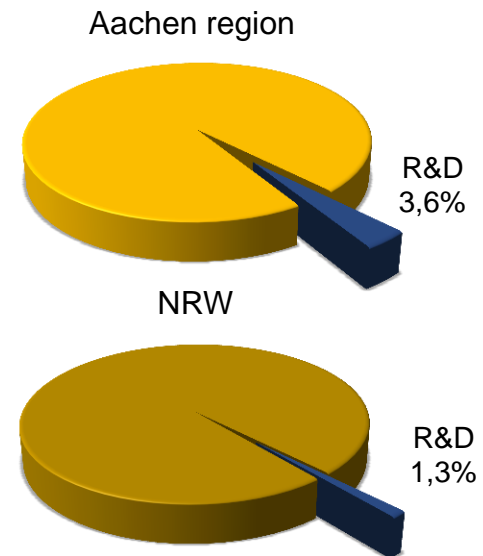


In Germany, the Aachen Region is one of the regions with the highest density of R&D institutions. In the field of R&D, one out of six employees in North Rhine-Westphalia works in the Aachen region. These 13,000 employees working in the R & D sector represent more people than in any other of the five major industries in the Aachen region.

Share of R&D staff in the Aachen region



Share of employees in the field of R&D – Aachen region vs. NRW



Private R&D centres (examples)

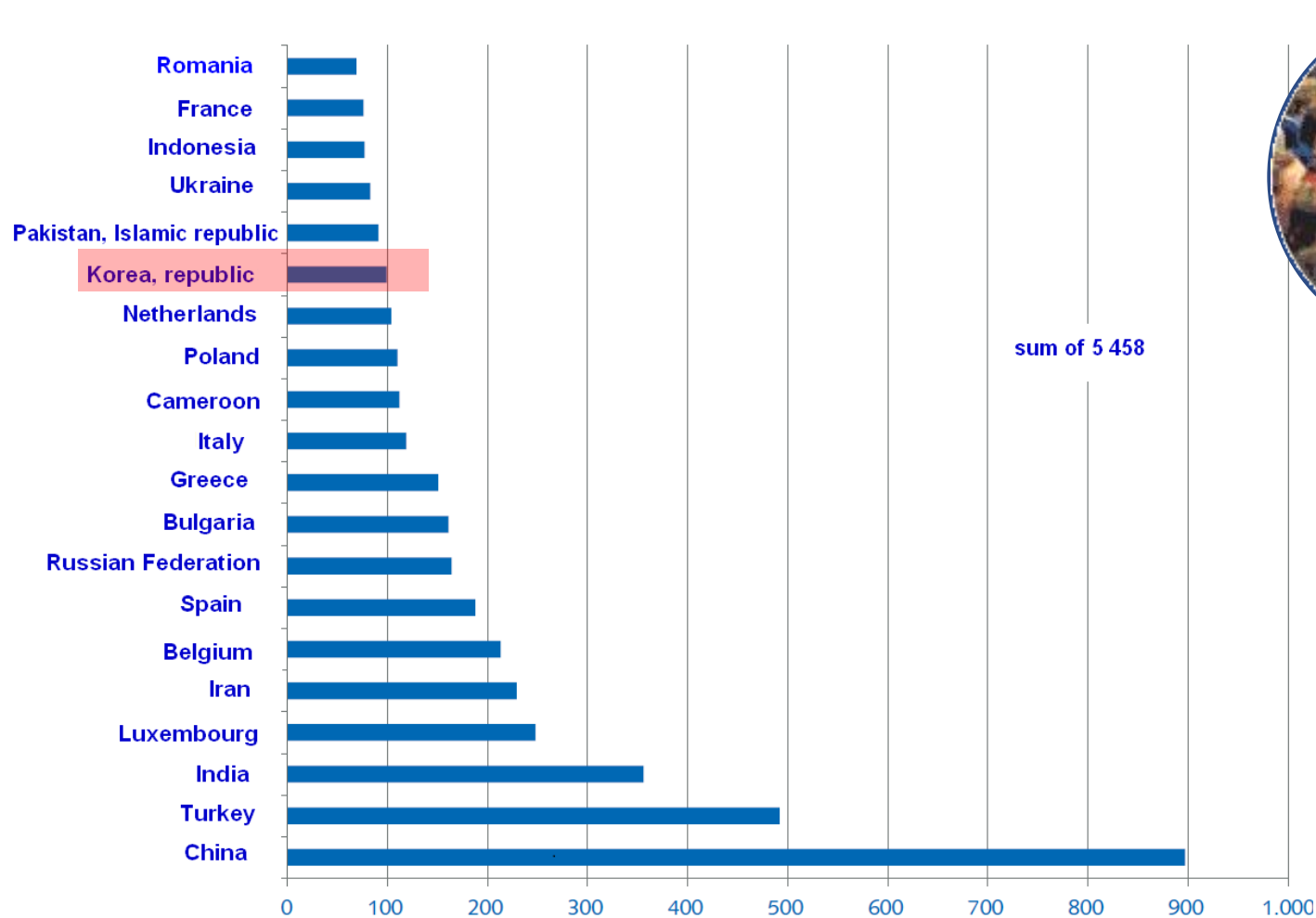
Microsoft | Innovation Center Europe

PHILIPS



ERICSSON  **DENSO** **FEV**®

International students – RWTH Aachen



Ranking of German universities



	Informatics	Computer science in economics	Industrial engineering	Electrical engineering	Mechanical engineering	Natural sciences
1	Uni Karlsruhe (KIT)	TU Munich	RWTH Aachen	RWTH Aachen	RWTH Aachen	RWTH Aachen
2	RWTH Aachen	TU Darmstadt	Uni Karlsruhe (KIT)	Uni Karlsruhe (KIT)	Uni Karlsruhe (KIT)	TU Munich
3	TU Munich	Uni Mannheim	TU Darmstadt	TU Munich	TU Munich	Uni Karlsruhe (KIT)
4	TU Darmstadt	TU Ilmenau	TU Berlin	TU Darmstadt	TU Darmstadt	LMU Munich
5	TU Ilmenau	Uni Cologne	TU Ilmenau	TU Dresden	TU Dresden	TU Darmstadt
6	TU Berlin	TU Dresden	TU Dresden	Uni Stuttgart	Uni Stuttgart	TU Berlin
7	LMU Munich	Uni Erlangen-Nürnberg	TU Braunschweig	TU Ilmenau	TU Ilmenau	TU Heidelberg
8	TU Dresden	Uni Münster	TU Kaiserslautern	TU Kaiserslautern	TU Berlin	TU Dresden TU Braunschweig

Universities & research landscape

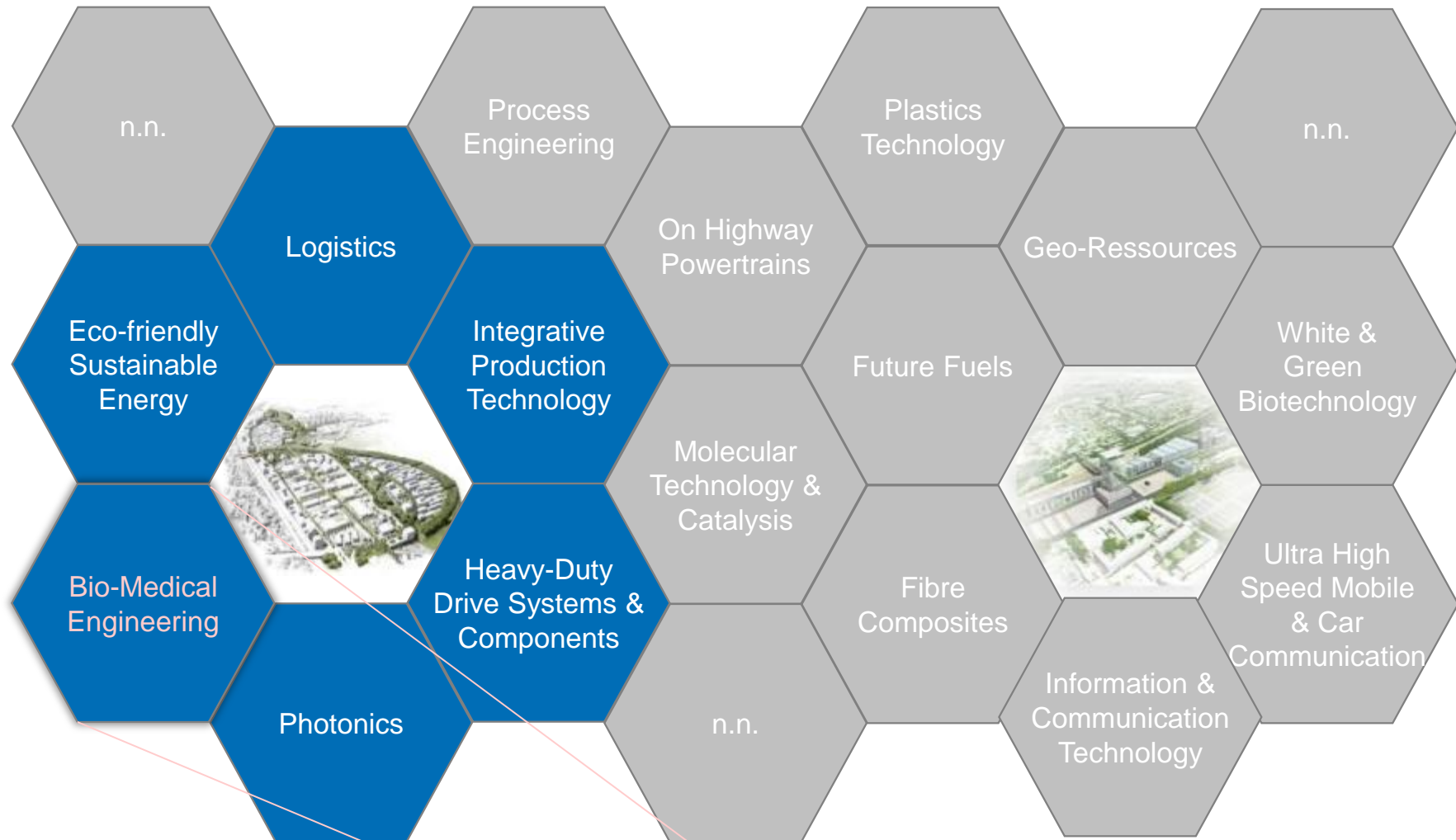


RWTHAACHEN Campus

- R&D centre of international importance (area 800,000 sqm)
- „Enrollment“ as a unique form of cooperation between companies and university
- Creation of space for companies in direct neighbourhood of the research instituts
- about 10,000 new job opportunities for highly skilled workers
- total investment: 2 billion €
- Developing one of the largest technology-oriented campus areas in Europe



The RWTH Aachen Campus – Research clusters



Prof. Dr. Thomas Schmitz-Rode
Dr. Robert Farkas

Institute for Applied Medical Engineering - AME

Legend: = initial cluster = scheduled cluster

Company research activities



Research activities in the field of automotive technology (examples)

Ford R&D centre (FFA) –

Ford Research Centre was founded in Aachen in 1994 and is the only Ford Motor Company research location in the world outside of the US. Its workforce has grown to about 250 employees from over 25 nations around the globe working on sustainable and safe mobility.



<http://www.ford.de/UeberFord>

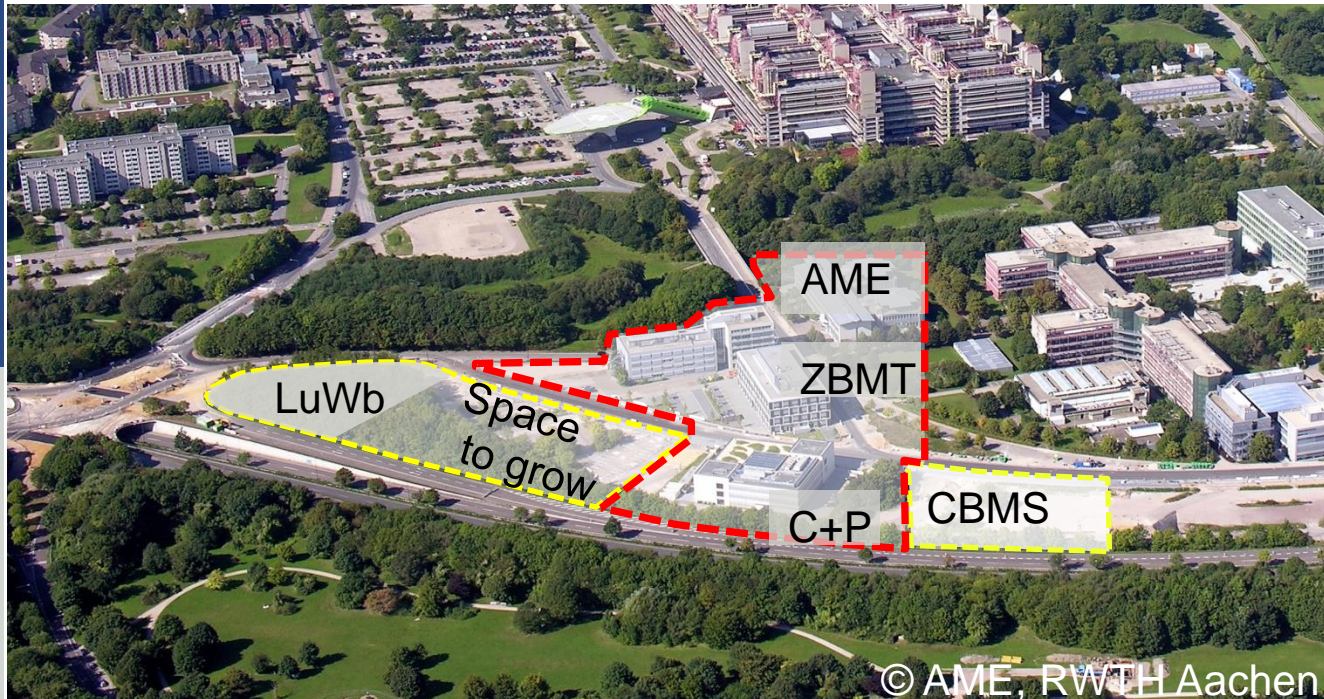
FEV Motorentechnik GmbH – Founded in 1978 as a spin-off company from the RWTH, today FEV employs a staff of over 2,500 highly skilled research and development specialists on several continents. FEV is an internationally recognized leader in the design and development of powertrain technologies.



<http://www.fev.com>



RWTH Cluster Bio-Medical Engineering - at a glance



-----planned -----stock

ZBMT

Center for Biomedical Technologies

CBMS

Center for Biohybrid Medical Systems

LuWb (ETCIM)

European Training Center for Innovative Medicine

C+P

Carpus & Partners

AME

Institute for Applied Medical Engineering
at Helmholtz Institute for Biomedical Engineering

Major Topics (1)



Patient customized engineering for smart cardiovascular therapy

Heart & Lung Support

AME APPLIED MEDICAL ENGINEERING

qcméd

UNIVERSITÄTSKLINIKUM
AACHEN

MEMBRANA
Underlining Performance

MEDOS
Medizintechnik AG

AKM
AGIT

AME APPLIED MEDICAL ENGINEERING

LifeTec Aachen
Jülich e.V.



Personal Health Care

RWTH AACHEN UNIVERSITY

PHILIPS
sense and simplicity

I-M

IMA

ZLW

IFU

UNIVERSITÄTSKLINIKUM
AACHEN

3M

Takeda

medIT

p3 solutions

JÜLICH
FORSCHUNGSZENTRUM

Image Guided Therapy

VYCON

AME APPLIED MEDICAL ENGINEERING

M

medi
TEC

SurgiTAIX

Hemoteq
nanocoating design

RWTH Radiologie

Fraunhofer
IPT

RWTH AACHEN UNIVERSITY
UNIVERSITÄTSKLINIKUM
AACHEN

Imaging & Implants

ExMI Experimental Molecular Imaging

AME APPLIED MEDICAL ENGINEERING

ITA
RWTH

UNIVERSITÄTSKLINIKUM
AACHEN

PHILIPS
sense and simplicity

matricel
ALL IT TAKES TO REGENERATE

IMCAR

LIT
RWTH

PharmedArtis

3T



EUROPÄISCHE UNION
Investition in unsere Zukunft
Europäischer Fonds
für regionale Entwicklung

Ziel2.NRW
Regionale Wettbewerbsfähigkeit und Beschäftigung

Major Topics (2)



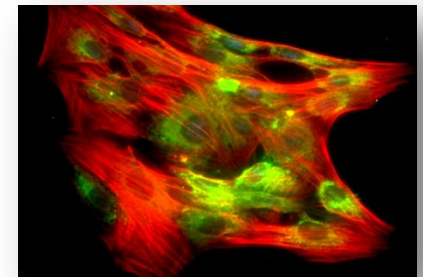
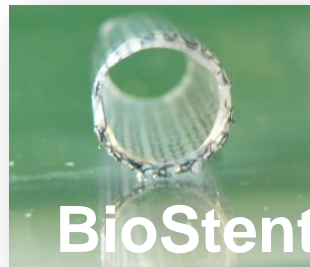
Bio-functionalized
implants

**„Biologized“
implants**

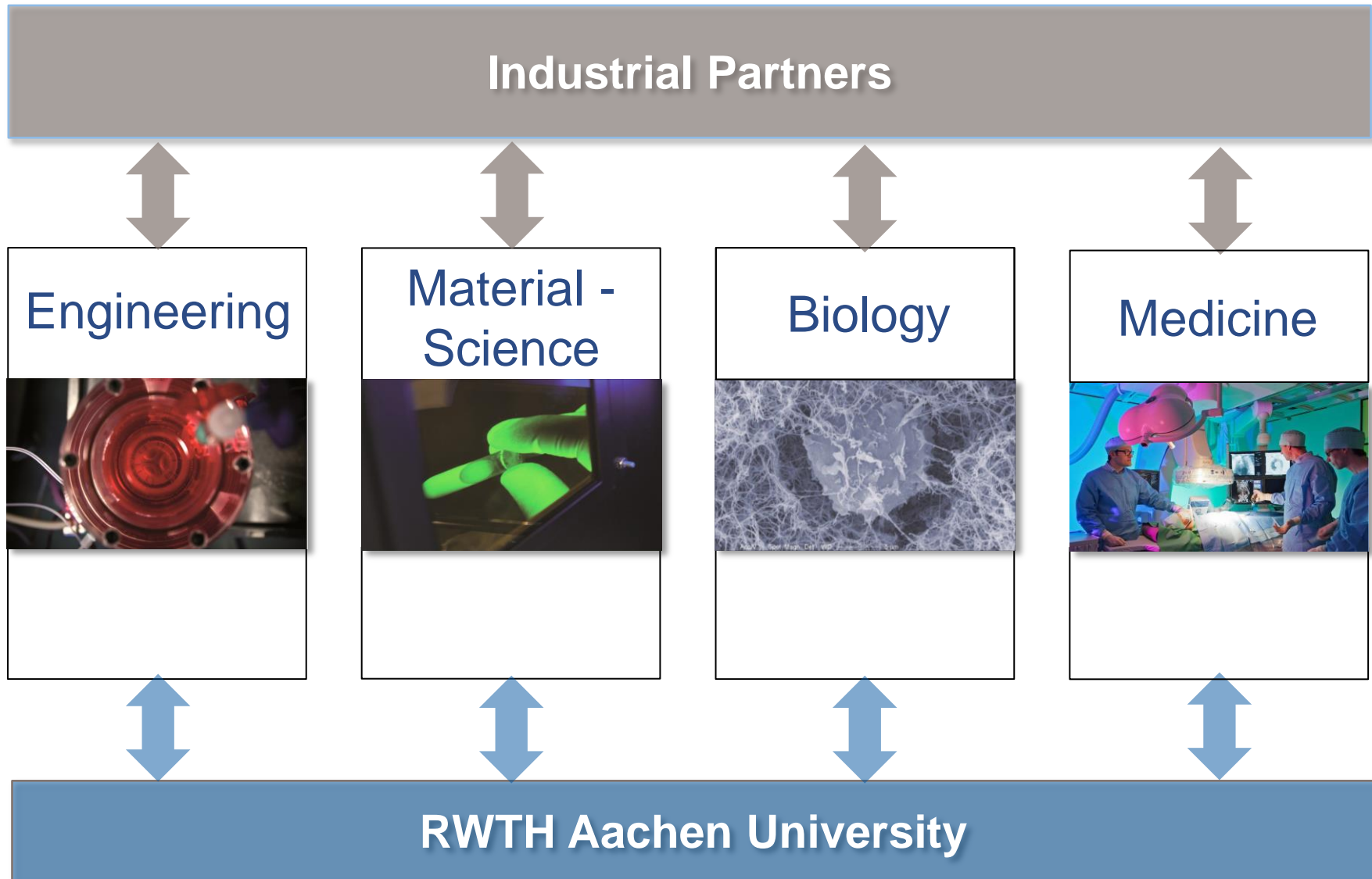
Biological
Implants

Technical components

Cellular components



Applied Research as an Exchange of Knowledge



From the idea to the final product

The Aachen Competence centre for medical engineering (AKM) supports the cooperation between research institutes, clinics and companies.

The objectives of AKM:

- Information transfer
- Providing cooperation partners
- Promotion of young scientists and research in the field of medical engineering.

To reach its aims AKM works with concentrated competence in the implementation of the idea “Medical Technology - From the feasibility study to market maturity”.

These aims are achieved with the extensive network of members and promoters.

AKM can provide the right partner in the Aachen Region

- To make business
- To make research and development



Technology fields:

Life sciences (including medical engineering/ biotechnology)

Information & communication technologies

Automotive & rail technologies

Innovative production technologies

New materials



These technology fields reflect the regional competences in R&D at companies and the universities

Cluster initiatives in the Aachen region

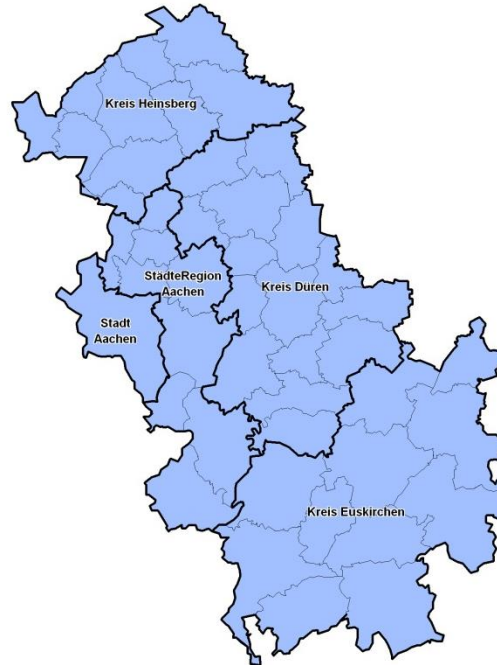


Supported and connected by AGIT

Innovative Production Technology



Modern Materials



Life Sciences



Automotive Technology



Information & Communication Technologies



A strong and important network



City of Aachen Department of Economic Development / European Affairs

At your side



Frank Leisten

Division manager Inward investment
AGIT mbH

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