



RWTH Aachen University

Excellence through achievement

With its 260 institutes and 480 professors, RWTH Aachen University is one of Europe's top academic and research institutions. RWTH Aachen University was the only university in North Rhine-Westphalia that was accorded the status of an 'Excellent University' in 2007 for its future strategy; this status was reaffirmed in the second round of the Excellence Initiative in June 2012. This means that RWTH Aachen University is one of the very few German universities that were successful in the Excellence Initiative twice in a row.

Nowhere else in Europe will you find as many acknowledged and application-based university research facilities as at RWTH Aachen University. With 314 million euros from third-party funds for research, around one quarter of which comes directly from industry, RWTH Aachen University takes top position in Germany.

The innovative strength of RWTH Aachen University is also reflected by the large number of 1,250 start-ups over the past 20 years. Around 30,000 new jobs have been created in the Aachen region from more than 60 start-ups per year. In 2010 alone, RWTH Aachen University registered 149 inventions, 44 of which could be identified as patent pending. With this in mind, international companies such as Philips, Siemens, Microsoft, Bayer, Ford and E.ON decided to locate their research centres in the direct vicinity of RWTH Aachen University in the past.

Data for RWTH Aachen University (2012)

- 315 million euros of third-party funds
- 260 institutes – 22 of which are large institutes
- 480 professors
- 4 Fraunhofer Institutes
- 16 affiliated institutes
- 126 courses
- over 37,800 students
- over 7,000 employees

RWTH Aachen Campus GmbH and BLB NRW

The expansion areas of the RWTH Aachen Campus are owned by the Bau- und Liegenschaftsbetrieb NRW (BLB NRW) (building and real estate management authority of the Land of North Rhine-Westphalia). The BLB NRW has informed the RWTH Aachen Campus GmbH that it is prepared to provide the plots needed for the campus on a hereditary lease. The office, workshop and lab areas planned on the campus as well as areas for the complementary infrastructure will be largely built by private sector investors and rented to the research partners in a cluster. The RWTH Aachen Campus GmbH will normally award a works concession to the investors for the planning, construction and operation or a research cluster. The works concession will always be awarded within the scope of an EU-wide tendering procedure with a subsequent negotiation procedure. In this connection, RWTH Aachen Campus GmbH (Campus GmbH) has the job of planning, realising and safeguarding the overall campus concept.

As the representative of RWTH Aachen, the company is fully responsible for the development and realization of the entire strategic concept. It coordinates all activities relating to RWTH Aachen Campus and represents the interests of all key stakeholder groups, both internally and externally. RWTH Aachen Campus GmbH has the exclusive right to decide on the utilization of the new campus premises as the contracting authority.



Your partner. Your contact.



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Illustrations and photos

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RWTH Aachen Campus

A milestone for science and the industry

RWTH Aachen University is planning to build one of Europe's biggest technology campuses on an area covering approx. 2.5 km², thus creating one of the most important know-how and research centres both nationally and internationally.

Facts and figures

- Overall area 2.5 km²
- Expansion areas 800,000 m²
- 19 research clusters
- Investment 2 billion €

Resources/ Infrastructure

- Offices and conference rooms
- Labs as well as machine, assembly and test workshops
- Technical facilities

Living

- Multi-purpose hall and library
- Further education and qualification centre
- Hotels and restaurants
- Child care
- Shopping and services

RWTH Aachen Campus

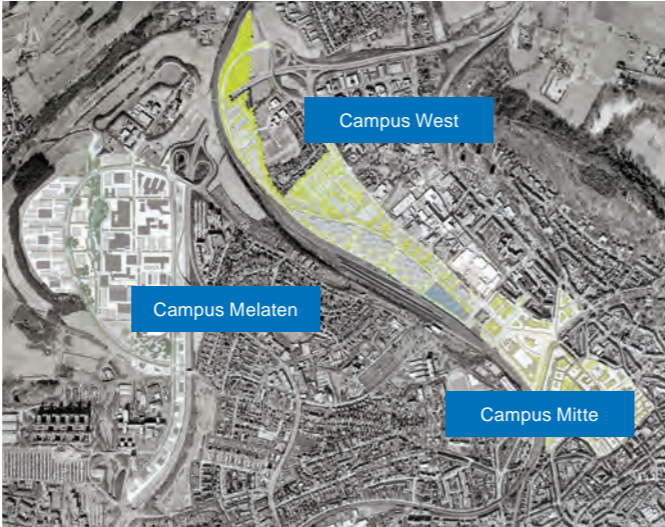
The concept

The Rheinisch-Westfälische-Technische Hochschule Aachen (RWTH Aachen University) aims to become one of the world's leading technical universities with the RWTH Aachen Campus. With this in mind, up to 19 research clusters with offices, workshops and labs as well as the latest technical infrastructure will be built over the coming years on expansion areas covering approx. 800,000 m².

Industrial enterprises and university institutes will work on defined research foci in an integral and interdisciplinary manner in these research clusters in a new quality of cooperation and exchange. National and international technology firms thus have the chance to locate their own research and development capacities on the campus together with university institutes and to get involved in the research and further training activities of the RWTH Aachen University through individual research cooperations.

The companies on the campus are hereby granted special access to the infrastructure on the RWTH Aachen Campus (e.g. use of the measuring systems and test benches) as well as further education and qualification programmes, not forgetting the urgently needed trainees.

The overall RWTH Aachen Campus area covers the existing RWTH sites as well as two expansion areas – Campus Melaten in the north-west of the city of Aachen and Campus West on part of Aachen Westbahnhof.



Campus Melaten

Eleven research clusters will be realised on the Campus Melaten in stages in the direct vicinity of the University Clinic on an area covering 473,000 m². Six research clusters are already in the implementation phase as initial clusters for the Campus Melaten. Up to now, more than 100 companies, including long-standing, renowned research partners of RWTH Aachen University, together with 31 departments from the RWTH and one department from the FH Aachen, have already committed themselves to a long-term cooperation and to relocate to the RWTH Campus in Melaten.

Ten companies with around 120 employees have been involved in research work in the new Centre for Bio-Medical Engineering since June 2011. Carpus AG moved into its building with an innovative open-space office concept as a campus research partner in July 2011 with approx. 140 employees. A further 8,500 m² are currently being developed for the second phase of construction for the Bio-Medical Engineering cluster.

The logistics research cluster has been under construction since the second half of 2011. A total of approx. 350 people will start work in the initial configuration of the cluster on its completion. The first phase of construction for the Integrative Production Technology cluster will be awarded to a private-sector investor at the beginning of 2013 and should be completed in the second half of 2014.

Apart from the clusters themselves, further infrastructure facilities such as hotels and restaurants, shops and services have been planned so that living, learning and working can be sensibly combined on the RWTH Aachen Campus.

The 6 initial clusters

- Bio-Medical Engineering
- Logistics
- Integrative Production Technology
- Photonics
- Heavy Duty & Off-Highway Powertrain
- Sustainable Energy



Campus West

Analogous to the eleven clusters on the Campus Melaten, eight further research clusters will be built on Campus West, an area that covers approx. 325,000 m² around Aachen Westbahnhof. These will be closely linked to the institutes that already exist in the city centre, in terms of both the subjects and the spatial proximity. They thus supplement the Campus Melaten with further fields of technology, in particular in the sectors material sciences, mobility and communication. An attractive infrastructure consisting of restaurants, cafés, service providers as well as small shops will also be created on the Campus West to guarantee a high quality of life. Apart from a multi-purpose hall, a daycare facility for children and a residential block have also been planned.

At the end of 2009, a disused area of Aachen Westbahnhof was purchased by the state of NRW for the development of the Campus West. The declassification procedure for the railway area is currently in progress. Parallel to this, the zoning plan for the area is being developed jointly by BLB NRW and the City of Aachen on the basis of the RKW feasibility study.

The 19 research clusters on the RWTH Aachen Campus

