

The University Alliance Metropolis Ruhr (UAMR)

Alliance of the three major Universities in the Ruhr Region

October 2011 | Prof. Dr. Ulrich Radtke

The Metropolis Ruhr – in the middle of Europe

- polycentric, 53 cities
- 5,3 million people
- 10 of Germany's largest companies
- The world's largest inland harbor
- Regional Gross Domestic Product bigger than that of Hungary
- European Capital of Culture in 2010



Foto: RUHR 2010 GmbH

The Metropolis Ruhr

Transition into a leading figure in the fields of technology, science and culture.



Fotos: RUHR 2010 GmbH

Development in the last 50 Years

- 1961: Founding of the Ruhr University (opened in 1965)
- 1968: Opening of the University of Dortmund
- 1972: Duisburg and Essen formed as a new type of a university, merger of both in 2003
- Since the 1970`s a lot of Universities of Applied Sciences were founded – today there are in the region:
 - 6 Universities
 - 15 Universities of Applied Sciences
 - 3 Max Planck Institutes
 - 4 Fraunhofer Institutes
 - 4 Leibniz Research Centers

Making the Ruhrgebiet one of the premier scientific hubs in Europe
(140.000 students)

Formation of the UAMR

The **three major universities** of the **Ruhr Region** joined forces:

- Ruhr-University Bochum
- TU Dortmund University
- University of Duisburg-Essen

Official signing of the cooperation agreement on **March 12, 2007**.



Vision



UAMR Principles

Coopetition: Cooperation and competition

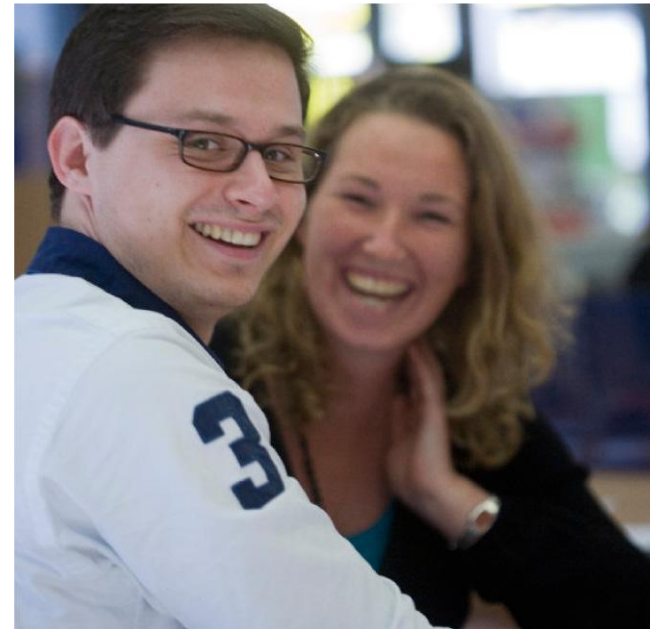
- Enhancement and Combination of strengths
- Individual Positioning but not at the expense of the other partners
- Bi- and trilateral agreements, from specific areas to the creation of joint faculties



Identification of potential collaborations in the fields of *research, teaching and management.*

Basic Facts

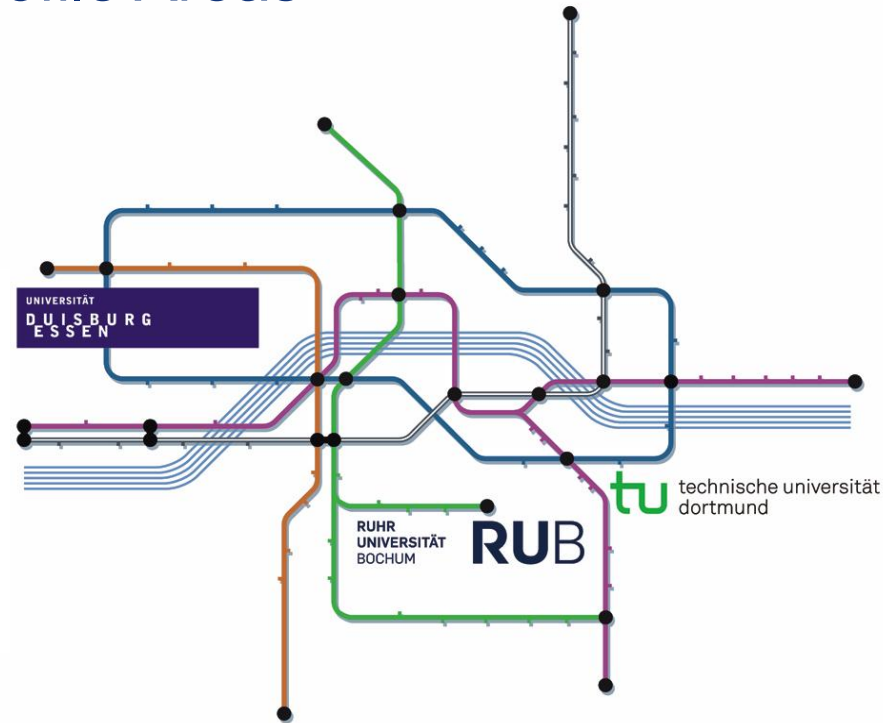
- ~ 100.000 students
- > 11.000 graduates p.a.
- > 1.000 doctorates p.a.
- > 12.000 staff
- ~ 1.150 full professors
- ~ \$1,7 billion budget p.a.
- ~ \$380 million third party funding p.a.
- 14 Collaborative Research Centers
(DFG – German Research Foundation)



Today's Scientific Profile Areas

UNIVERSITY OF DUISBURG-ESSEN

Nanoscience
Biomedical Sciences
Empirical Research in Education
Urban Systems
Change of Contemporary Societies



TU DORTMUND UNIVERSITY

Production & Logistics
Chemical Biology & Biotechnology
Modeling, Simulation & Optimization
Youth, School & Education
Research

RUHR-UNIVERSITY BOCHUM

Materials Science
Protein Research
Interfacial Systems Chemistry
Religious Studies
Plasma Science
Neuroscience

Cooperative Research Projects

- **7 Joint „Sonderforschungsbereiche“**
- **Mercator Research Center Ruhr (MERCUR)**
 - €22 million over a period of 5 years
 - Enhancement of strategic cooperation within UAMR
- **Global Young Faculty**
 - 100/50 junior scientists
- **ScienceCareerNet Ruhr**
 - Human resources development for junior scientists
- **Ruhr Graduate School in Economics** (with RWI)



Projects in Teaching

RuhrCampus³:

Establishment of a united educational region with nearly unlimited possibilities

- Several hundred study programs
- Joint faculties in engineering
- Visiting student status with no additional (tuition) fee
- UAMR-Card for students
- Cooperation/Integration of libraries
- Cooperation between single departments and schools (i.e. Theology, Medicine)



ConRuhr – Contact Agencies of UAMR in the World

- ConRuhr North America (New York)
- ConRuhr Russia (Moscow)
- ConRuhr Latin America (Rio de Janeiro / São Paulo)



Goals of ConRuhr:

- to enhance and facilitate student exchange
- to improve and expand the network between international academics and academics from the UAMR
- to strengthen and increase the awareness of the Metropolis Ruhr as an area of excellence in research and academic education

Joint Institutions

- **Institute for Advanced Studies in the Humanities (KWI)**
- **Engineering Unit Ruhr (Mechanical Engineering)**
- **Civil Engineering Unit Ruhr**
- **Ruhr Alliance Electronics and Information Technology**
- **ef.Ruhr GmbH (Energy research)**



Structure/Organization of UAMR:

- **Coordination Committee** (Rectors & Chancellors) develops guidelines
- Joint meetings of the Rectorates
- Regular meetings of administrative staff
- Regular meetings of the International Offices (IOs)
- Coordinator / UAMR Branch Office



UAMR: Future Perspectives



Future Goals:

- Positioning as an acclaimed location within the scientific community both nationally and internationally
- Being more and more attractive for international students and researchers
- Trendsetter for collaboration and integration in the region

Thank you very much for your patience!