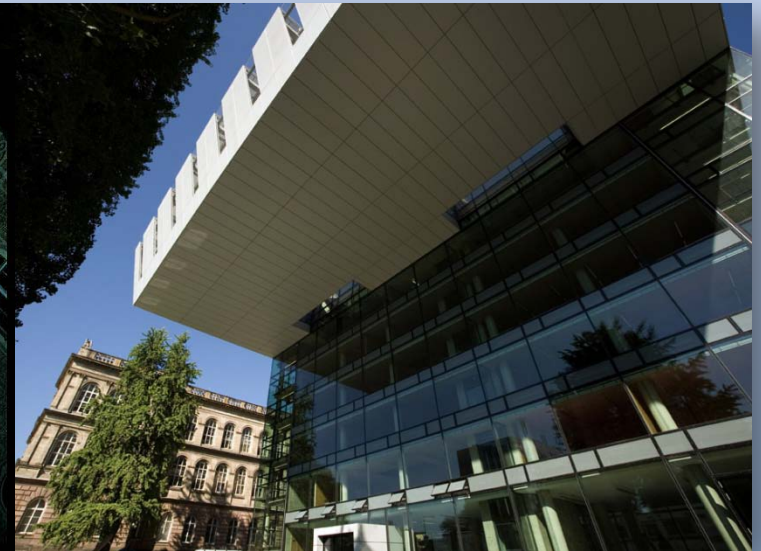


RWTH Aachen University



& Gdańsk Universities

Strengthening ties in Research and Education



RWTH AACHEN UNIVERSITY INTERNATIONAL OFFICE

RWTH Aachen University: an adequate partner

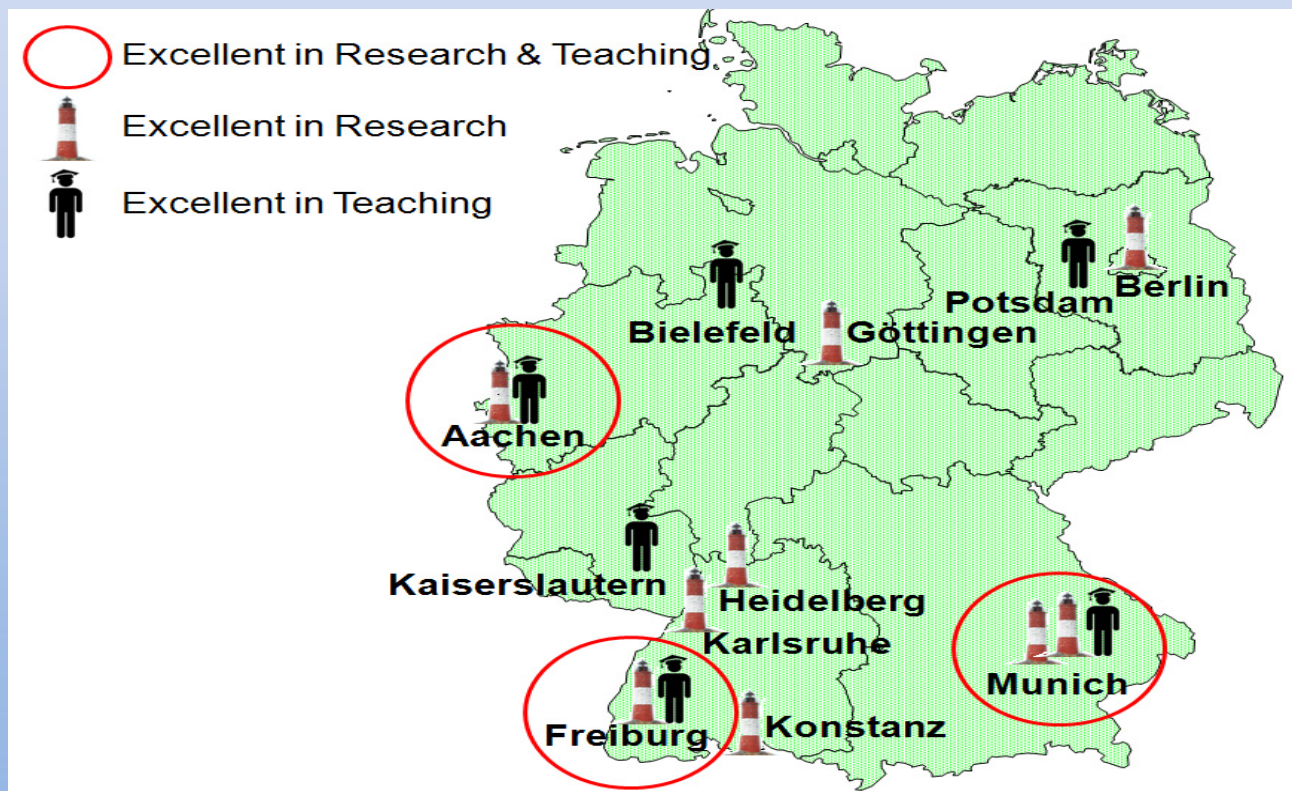
RWTHAACHEN
UNIVERSITY

innovative since 1870

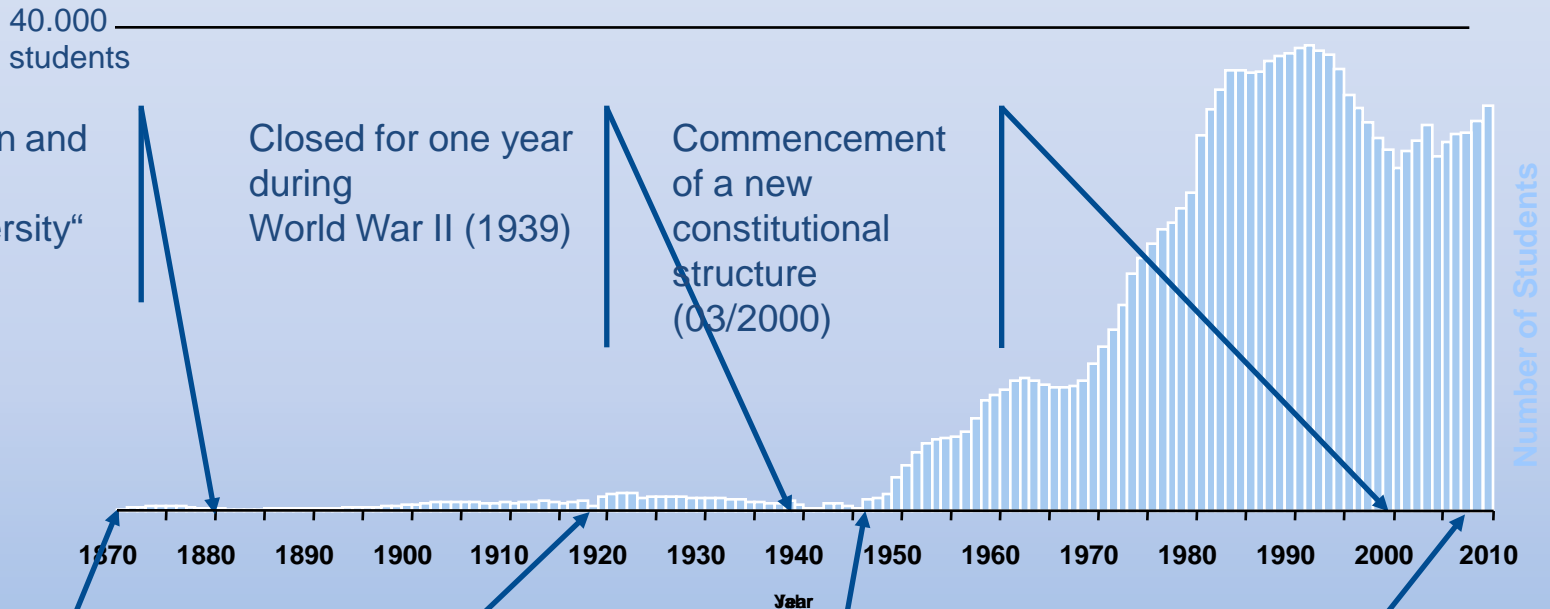
**Awarded the status of „top class university“
as part of the federal government's *Initiative for Excellence***

RWTH AACHEN UNIVERSITY INTERNATIONAL OFFICE

Excellent Universities in Germany



History of RWTH Aachen University



New constitution and name: „Royal Technical University“ (1880)

Closed for one year during World War II (1939)

Commencement of a new constitutional structure (03/2000)

Founded as „Royal Rheinisch-Westphalian Polytechnic School of Aachen“ (10/1870)

Confiscated for a short term by the occupying powers in World War I (1918 until January 1919)

Classes are resumed after surrender and rebuilding (01/1946)

Commencement of the Higher Education Autonomy Act (01/2007), Awarded title of „Excellent University“ (10/2007)



> 32,000 students



> 5,000 international students

456 Chairs

Total: 692 M €

...of which:

412 M € State Funding

258 M € External Funding

4 M € Fundraising



> 3,000 Non-academic staff & apprentices



> 4,000 academic staff



Faculties and Departments

Faculty 1: Mathematics, Computer Sciences & Natural Sciences

Dept. Mathematics, Dept. Comp. Science, Dept. Physics, Dept. Chemistry, Dept. Biology

Faculty 2: Architecture

Faculty 3: Civil Engineering

Faculty 4: Mechanical Engineering

Faculty 5: Georesources & Materials Engineering

Dept. Mining and Waste Management

Dept. Metallurgy

Dept. Geosciences

Engineering

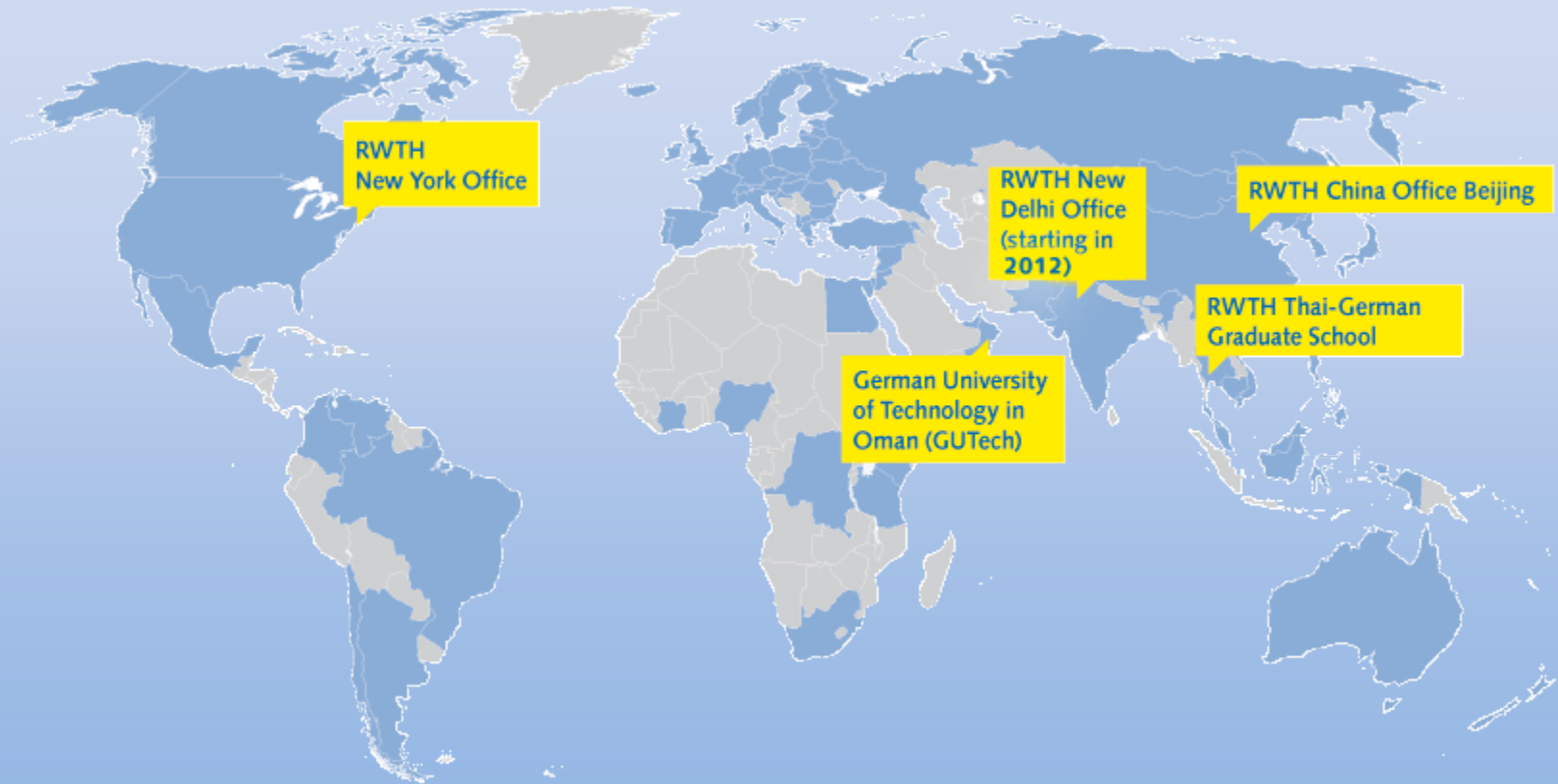
Faculty 6: Electrical Engineering & Information Technology

Faculty 7: Arts & Humanities

Faculty 8: Business Administration & Economics

Faculty 10: Medicine

RWTH has strong ties
with important partners worldwide...




...and a large international alumni network

Alumni-Groups



Alumni-Clubs



 Contact Person

 RWTH Club

 Club with RWTH Alumni

Study opportunities for Polish students

- **Bachelor's degrees in all subject areas** taught in German (6-7 semesters)
- **Master's programs** (3-4 semesters)
- **International Master's programs** taught in English (4 semesters)
- **Exchange programs** for students (1-2 semesters)
- **Short term programs** (UROP International, Summer Schools)



Present and future of cooperation

Thanks to its strong political and economic ties to Germany, Poland 1st. country of interest within Eastern Europe

Goals

Concept of internationalization of RWTH Aachen University 2010:
Strategic development of international relations with excellent partner universities worldwide

- to further develop existing cooperations on all levels
- to enhance the international mobility of students, young academics and professors
- to extend them to other areas of research and teaching



Present and future of cooperation

Exchange rates within ERASMUS-program 2008-2011

Polish students at RWTH Aachen University: 60

RWTH students at Polish partner universities: 8

-> **strong interest in increasing this number!**



ERASMUS agreements & partners (2011/2012)

Partner Institution	City	ERASMUS Institutional code	Responsible Person (academic)	Subject Area
Uniwersytet Gdański	GDANSK	PL GDANSK01	Professor Hiss	Mathematics
Uniwersytet Gdański	GDANSK	PL GDANSK01	Professor Thomas	Computer Sciences
Politechnika Gdanska	GDANSK	PL GDANSK02	Professor Jansen	Architecture
Politechnika Gdanska	GDANSK	PL GDANSK02	Professor Weichert	Mechanical Engineering
Politechnika Gdanska	GDANSK	PL GDANSK02	Professor Reese	Civil Engineering
Akademia Morska	GDYNIA	PL GDYNIA01	Professor Hameyer/Dr. Wehr	Electrical Eng. & Information Techn.
Akademia Morska - Gdynia Maritime University	GDYNIA	PL GDYNIA01	Professor Weichert	Mechanical Engineering
Silesian University of Technology, Gliwice	GLIWICE	PL GLIWICE01	Professor Reese	Civil Engineering
Silesian University of Technology, Gliwice	GLIWICE	PL GLIWICE01	Professor Pfeifer	Metallurgy
Jagiellonian University in Krakow	KRAKOW	PL KRAKOW01	Professor Erdmann	Physics
Akademia Gorniczo-Hutnicza im Stanistowa Staszica w Krakowie	KRAKOW	PL KRAKOW02	Professor Preuße	Mining Surveying
Akademia Gorniczo-Hutnicza im Stanistowa Staszica w Krakowie	KRAKOW	PL KRAKOW02	Professor Telle	Materials Science
Akademia Gorniczo-Hutnicza im Stanistowa Staszica w Krakowie	KRAKOW	PL KRAKOW02	Professor Niemann-Delius	Mining Engineering
Politechnika Krakowska	KRAKOW	PL KRAKOW03	Professor Jansen	Architecture
Politechnika Łódzka (TUL)	LODZ	PL LODZ02	Professor Hollert	Biology
Politechnika Łódzka (TUL)	LODZ	PL LODZ02	Professor Behr	Mechanical Engineering
Politechnika Łódzka (TUL)	LODZ	PL LODZ02	Professor Heinen/Dr. Wehr	Electrical Eng. & Information Techn.
Politechnika Poznanska	POZNAN	PL POZNAN02	Professor Reese	Civil Engineering
Politechnika Poznanska	POZNAN	PL POZNAN02	Professor Weichert	Mechanical Engineering

ERASMUS agreements & partners (2011/2012)

Partner Institution	City	ERASMUS Institutional code	Responsible Person (academic)	
Politechnika Szczecinska	SZCZECIN	PL SZCZECI02	Professor Reese	Civil Engineering
University of Warsaw	WARSZAWA	PL WARSZAW01	Dr. Simon	Medicine
Politechnika Warszawska	WARSZAWA	PL WARSZAW02	Professor Reese	Civil Engineering
Politechnika Warszawska	WARSZAWA	PL WARSZAW02	Professor Weichert	Mechanical Engineering
Politechnika Warszawska	WARSZAWA	PL WARSZAW02	Assistant to the Dean	Mechanical Engineering
Politechnika Warszawska	WARSZAWA	PL WARSZAW02	Professor Behr	Mechanical Engineering
Politechnika Warszawska	WARSZAWA	PL WARSZAW02	Professor Heinen/Dr. Wehr	Electrical Eng. & Information Techn.
Wroclaw University of Technology	WROCLAW	PL WROCLAW02	Assistant tot the Dean	Mechanical Engineering
Wroclaw University of Technology	WROCLAW	PL WROCLAW02	Professor Niemann-Delius	Mining
Agricultural University of Wroclaw	WROCLAW	PL WROCLAW04	Dr. Wimmer	Geology



Activities with Polish universities financed by German Academic Exchange Service:

Since 2000:

1. Technical University of Lodz
„Fundamentals of Air Pollution Control“, seminar for
doctoral students (Professor Modigell)

Since 2010:

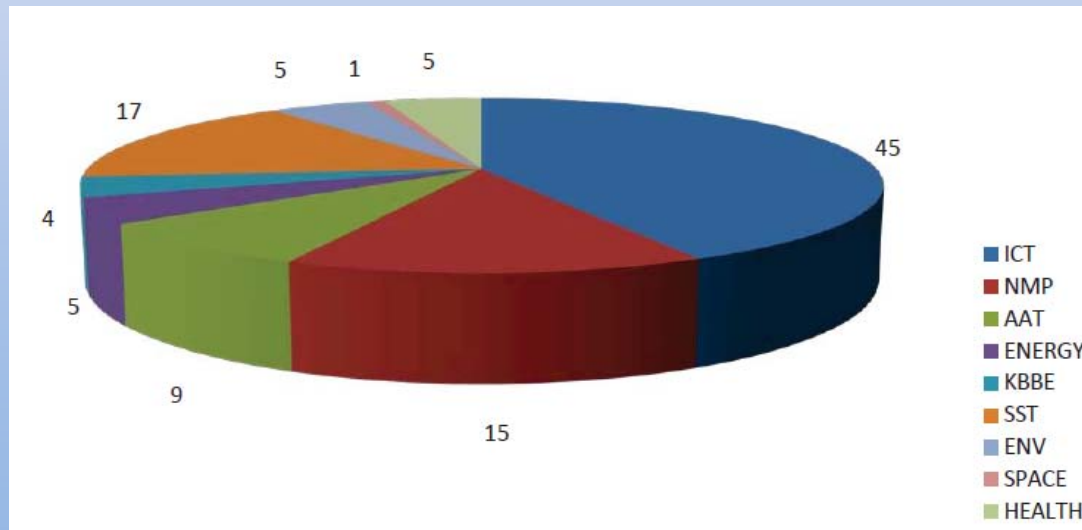
2. Warsaw University of Technology
Participation in a discussion on common research
projects in Civil Engineering (Professor Raupach)



Scientific Activities with Polish Universities financed by the EU

Total number of projects within the 7th Framework Program : 108
Number of projects with Polish partners: 18

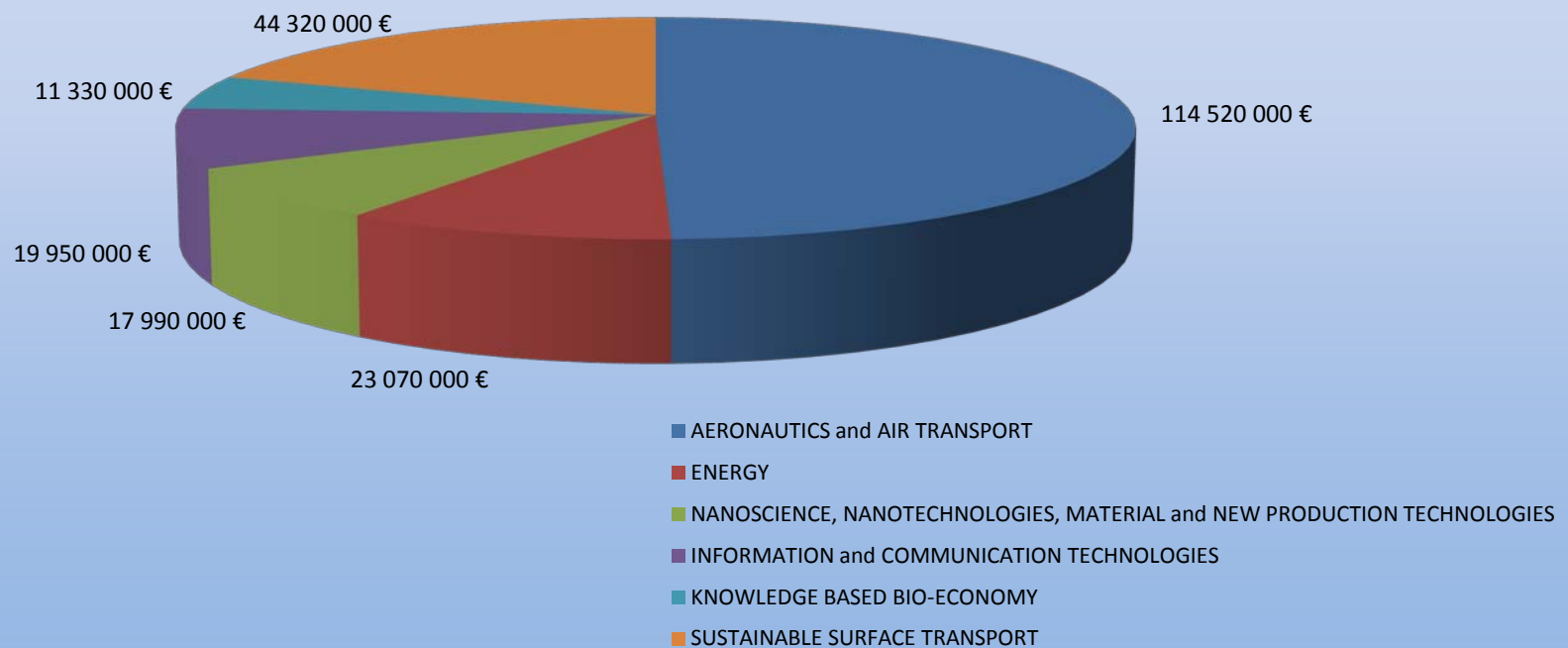
Contracts of EU- projects in the program *cooperation*



specific program on **'Cooperation'** supports all types of research activities carried out by different research bodies in trans-national co-operation and aims to gain or consolidate leadership in key scientific and technology areas.

Collaborative Projects with Poland in FP7 „Cooperation“

FP7 „Cooperation“ - 14 Collaborative Projects, 4 Networks of Excellence



Further Projects with Poland in FP7

FP7 „Capacities“

- INTELLi-FLUE – „Intelligent combustion management of flue gases for solid fuel domestic heating systems“, 8 partners, 1 m € EC Contribution
- Charisma - Cultural heritage advanced research infrastructures: Synergy for a multidisciplinary approach to conservation/restoration, 20 partners, 7,6 m € EC Contribution

FP7 „People“, Marie Curie Actions

- Initial Training Network „CREAM“ - Mechanistic effect models for the ecological risk assessment of chemicals, 12 partners, 5 m € EC Contribution

FP7 „Euratom“

- ARCHER - Advanced High-Temperature Reactors for Cogeneration of Heat and Electricity R&D, 30 partners, 5,4 m € EC Contribution

Partners in EU-projects

Universities

Uniwersytet Gdanski (Knowledge based Bio-Economy)

Politechnika Łódzka

University of Krakow

University of Warsaw

Instytut Katalizy i Fizykochemii Powierzchni/Polska Akademia Nauk

Poznan Universtity of Technologie

Politechnika Warszawska

Companies

Wytwornia Sprzetu Komunikacyjnego PZL- Rzeszow SA

Fundacja Partnerstwa Technologicznego Technolgy Partners

Wroclawskie Centrum Badan EIT + SP Z O.O

Bioinfobank Institute

Wesob Spolka Z Ograniczona Odpowiedzialnoscia/ CTL Logistics S. A.

Thank you for your attention!