



# **Project Result Dissemination Activities at Aalen University**







### One of the strongest applied research based

instit

Key Performance Indicators @ Aalen University



Hochschule Aalen

#### Research Reports

- Scientific publications in periodicals (with peer review)
- Scientific publications in scientific magazines, books, etc
- Other publications
- Doctorial reports
- Degree thesis
- Patents
- Lectures
- Trade fairs
- Student work

29.01.2014

Nichola Adams, Aalen University

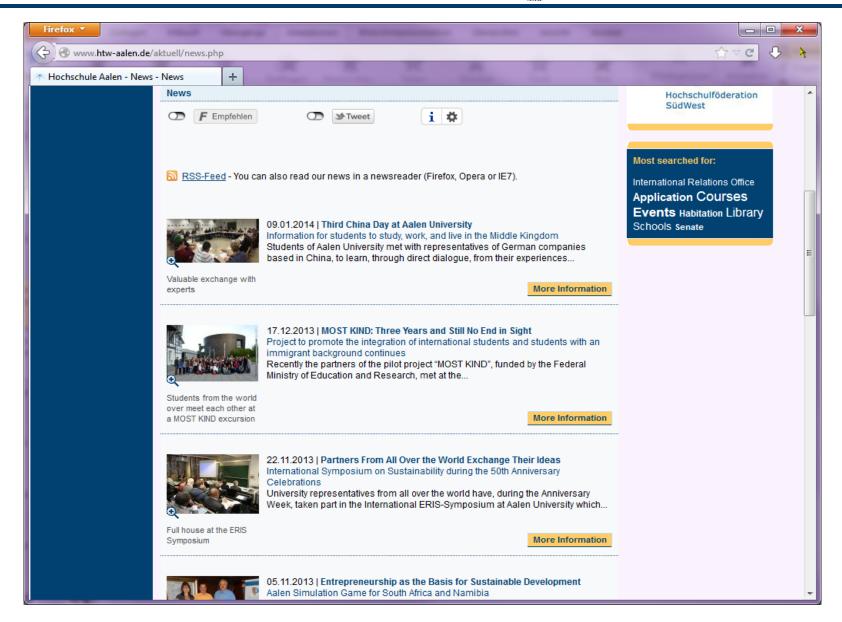
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## Internal / (General) Public











January 2012

#### Award for Further Education Study Model of Aalen University

The further education model of Aalen university has received an award: the renowned House of Technology gave its 2010 Continuing Education Prize, accompanied with 10.000 Euros, at a presentation ceremony to Alexandra Jürgens, managing direction of the Academy of Further Education. According to the jury, the ground-breaking and tailored study model of Aalen University came out on top of the five nominated models.

The concept at Aalen University and the related basic principle of "Advancement through Education – Political will in Practice" convinced the jury: the study model makes it possible for master craftsmen, technical and vocationally qualified people to receive an academic title while taking classes part-time in engineering and business management. In this way, a new target group can receive their academic degree.

The idea for this concept was brought about due to the regional lack of skilled workers and shows in foresight a solution for focusing on the needs of the current job market, says the jury. In the previous two years, experience has showed, that part-time master craftsmen and technicians do as well on their final exams as full-time students. The Rectors' Conference of Baden-Württemberg views this concept as exemplary and is watching the establishment at other universities. "We are very excited, that our concept provides attention and hope nationwide, that the distinction is also incentive for further universities in the state, to create tailored programs for the vocationally qualified," explained Alexandra Jürgens.

"As chairmen of the Steel Institute VDEh, I know how important life long learning is in the current workplace. Therefore, engineers must dependent on adjusting to changes and updates in order to be at the edge of technological and social developments," stressed Hans Jürgen Kerkhoff, Chairman of VDEh as well as president of the Business Association Steel and jury member of the German Further Education prize. The 2010 German Further Education Prize can be given to a concept that helps experienced employees to expand their practical experiences with theoretical knowledge in order to contribute the best possible work results.

The Continued Further Concept at Aalen university has been awarded for the second time within 6 months: first in September 2010 the Academy of Further Education received the Initiative Prize of the German Chamber of Industry and Commerce DIHK. A short film portrait can be found on Facebook as well as at http://www.deutscherweiterbildungspreis.de/

- Monika Theiss, Public Relations and University Marketing



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### **Industrial Level**







# Connecting with Industry (Formal and Informal Channels...)

- Annual Career Fair (AIM)
  - Opportunity to network
  - Companies present themselves
  - Inform students of practical placements
- Job Wall with concrete internship offers
- Professors from industry share contacts
- Company representatives sit in University Council







The University environment: global players in the neighborhood including many many small and medium sized companies







### Company Networks (where & how?)

- Just in front of the door (Regional Economy)
- Subject Oriented (Professional Associations, Bodies of Employers e.g. Southwest Metal Industry Association, National Electronic Engineers Association and so on...)
- International Networks thanks to compulsory Placements abroad
- Introduction of Industry in Boards like Board of Governors or Board of Trustees
- Regular Organisation of (Recruting) Fairs and Conferences on chosen topics (in Aalen like Die Casting, Technical Sales Mgt, SME Enterprises Days...)
- ALUMNI !!!











### **Practice Oriented – Network with Businesses**

- Companies/Foundations award special prizes to students, including the Karl Kessler Prize, the Kreissparkasse Ostalb University Prize, ZFLS Prize, Prize for Technology and Medicine, IWO Prize
- Aalen University has 9 endowed professorships (Professor Chairs) in the areas of
  - Direct Customer Relationship Management
  - Business Start-Ups
  - Machine Tools and Milling Production Technologies
  - Optical Production Technologies
  - Automotive Engineering
  - Health Management (4 professorships)



























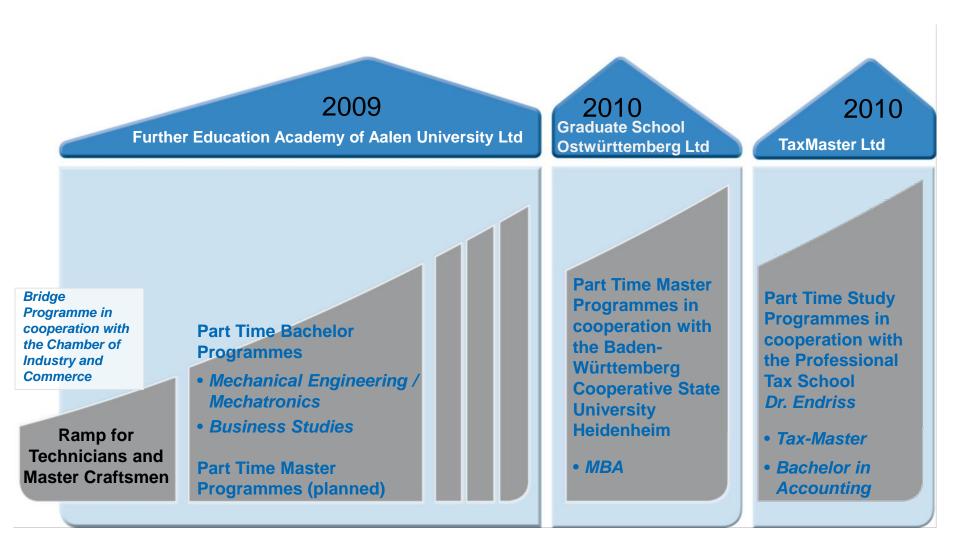








### **Part Time Programmes at Aalen University**







### **Employers of the WBA (Part-Time) Students (Engineers)**

Leitz GmbH&Co. KG

Voith GmbH Liebherr Werk Ehingen GmbH

MAPAL Dr. Kress KG

Carl Zeiss AG

Schwäbische Hüttenwerke GmbH

EMAG Automation GmbH

**Ricardo Deutschland GmbH** 

**BSH Bosch und Siemens Hausgeräte GmbH** 

Schwenk Zement AG

Tyco Electronics AMP GmbH

Daimler AG

**ZF Lenksysteme GmbH** 

Behr GmbH

Gigatronik Stuttgart GmbH

**TRW Automotive GmbH** 

Riehle Maschinenbau GmbH & Co. KG

SHW Storage & Handling Solutions GmbH

Maschinenfabrik Alfing Kessler GmbH

Kocher-plastik Maschinenbau GmbH

**TÜV Süd Industrie Service GmbH** 











### **Boards with External Members**

- University Council (Board of Governors): 11 Members; 5 Internal Members, 6 External Members (currently from University of Ulm, Bosch, Voith, Zeiss, Mapal, LMT Leading Metalworking Technologies); Much power, decides about the Rector Candidates, the Budget, Professor Appointments etc.; meets 4 times a year.
- Board of Trustees: about 40 Members; all from Industry and other Organisations like e.g. the Chamber of Industry and Commerce; Only Consulting Function; meets twice a year.
- Association of Friends and Supporters of the University: many companies and alumni are members and are also sponsoring the University.

### **International Level**







### **International Organisations**

- DAAD (support and funding for co-operations)
- GATE-GERMANY (support in international marketing)
- Research in Germany (to attract international researchers)
- <u>Study in Germany</u> (to attract international students)
- STUDY-GUIDE BW (to attract international students for ba-wü)
- <u>bw-i</u> (support for ba-wü universities in international marketing)

### Memberships / Networks / Consonia



#### German Academic Exchange Service (DAAD)



Deutscher Akademischer Austausch Dienst German Academic Exchange Service

wandel durch austausch . change by exchange .

- Funding Organisation
- Motto: "Change by Exchange"
- Aalen University funding from DAAD for its various programmes and projects.

#### **HRK** German Rectors' Conference

The Voice of the Universities

#### **German Rectors' Conference**

- Platform where ideas and experiences are shared
- A way for Aalen University to exchange ideas and improve its own action plans for internationalisation

#### **European University Association**



- Represented in 47 Countries
- Forum where universities can keep informed about changes and trends in higher education and research policies

### Memberships / Networks / Consonia



#### Southwest University Federation (Hochschulföderation Südwest)

- 6 Universities of Applied Sciences (Aalen, Esslingen, Heilbronn, Mannheim, Ravensburg-Weingarten, HdM Stuttgart
- 30.000 Students together
- To create synergies among others in Internationalisation



#### **Euclides-Network**

- Four Goals
  - Start student and staff exchanges
  - Set up and finish research projects
  - Create contacts and co-operation with private companies
  - Exchange information and expertise
- Aalen University can set up projects and programmes with in this network
  - Promote international exchange
  - Internationalise

#### **EUCLIDES-NETWORK**

European Universities Collaborative Links
Developments In Engineering Sciences

### **International Projects**





### **TOM – Technical Office Managment**

- Commom Curriculum Development
  - Technology Management
- Opportunity for Double Degree
- Partnered with Katholieke Hogeschool Sint-Lievens (KAHO), Université
  Claude Bernard LYON 1, University of East London, Universitatea 'Stefan
  cel Mare', and Fachhochschule Joanneum GmbH

### **DIES** – Diaogue on Innovation Higher Education Strategies

- International Experience Exchange
- Purpose: Partnership and co-operation between universities in developed and developing countries
- Specifically to Aalen University:
  - Partnerships with universities in Peru and Chile

### **Cap4Com** — Capacity for Competency on Innovation Higher Education Strategies

 Building University-Enterprise Partnerships in Armenia, Georgia, and Ukraine





### **International Projects**





#### **ECBAC**

 Establishing and capacity building of the Southern Serbian Academy and the National Conference for Vocational Higher Education



 Partnered with KU Leuwen / KAHO Sint-Lievens, Porto Institute of Technology, Flemish Council of University Colleges, Sebian Institutions of Applied Sciences

#### **LLAF**

**Tempus LLAF** 

- Development of 4 Generic Life Long Learning Courses in various applied fields as Models for training students in lifelong learning (LLL) using problem/patient based learning and evidence based practice (PBL-EBP)
- Aalen is involved with the Optometry Department
- 16 partners of which 7 from Israel plus Germany, Italy, Portugal, Latvia, Austria, Spain and Ireland

### **International Projects**





## **MOST KIND:** for integration and awareness creation regarding attractiveness of the East Wuerttemberg Region



### MOST KIND

Mentoring OST württemberg Kooperative Integration Nicht-Deutscher Studierender

www.most-kind.de

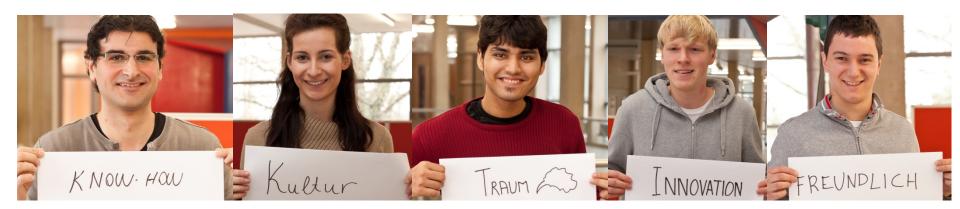
- Partner with 3 other Universities in Baden-Württemberg State
  - Duale Hochschule Baden-Württemberg Heidenheim
  - Hochschule für Gestaltung in Schwäbisch Gmünd
  - University of Education in Schwäbisch Gmünd
- International Student Support & Involvement
  - Excursions
  - Buddy Programme
- Intercultural Trainings
  - Students Trainings
  - Employee Trainings





### E.g.: Paradigm Change from IO to International Center

- Language Center and International Relations Office combine services
- Purpose: to create synergies that will strengthen internationalisation
- Goal: Transition from Mobility & Partnership Office to ...
  - Centre of excellence for teaching languages and intercultural skills
  - Centre for support and integration activities in the university, in society, and in the working world.
  - Centre for international university marketing, student recruitment
  - Liaison & Co-operation Centre for universities, funding organisations and companies both in Germany and abroad, especially also for Projects







# Thank you very much for your attention! Hvala!

