



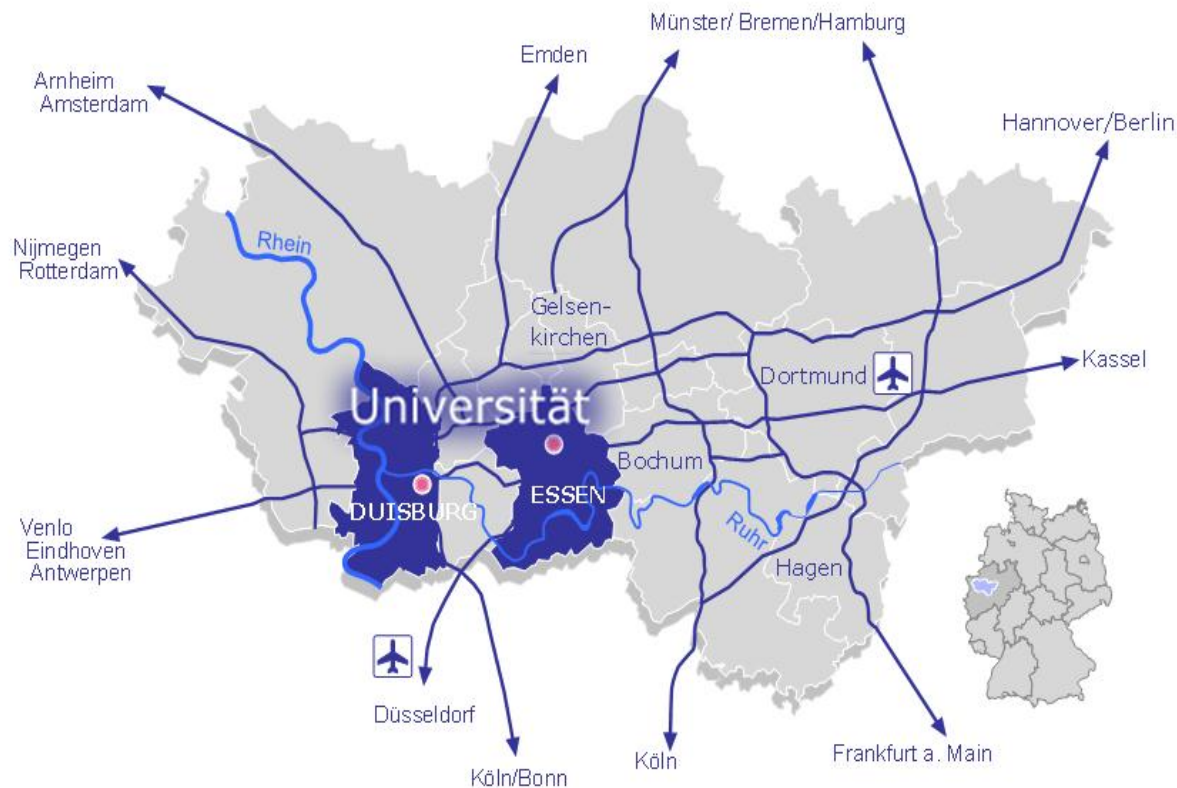
Digital Tools at the University of Duisburg-Essen

a Survey among Staff and Students (2011)

Steffi Engert, Uwe Blotevogel, Dr. Anke Petschenka



- About the University of Duisburg-Essen
 - Profile
 - IT/E-Learning at the UDE
 - Strategic „Toolbox“
- Survey 2011
 - Selected Findings
 - Conclusions



Dual Campus in the Ruhr Area



- Humanities
- Educational Sciences
- Social Sciences
- Economic Sciences and Management (2 departments)
- Engineering
- Mathematics and Natural Sciences (4 depart.)
- Medizin

31.800 Students

2.067 Academic Staff, including 412 Professors

1.238 Non-Academic Staff



- Diversity Management (e.g. Mentoring)
- Teachers' Education (25% students)
- Core Research Areas:
 - Nano-Science
 - Biomedicine
 - Empirical Research in Education
 - Urban Systems
 - Change in Contemporary Societies

- Vision of the „seamless digital campus“ (and beyond)
- IT support for the complete student life cycle
- „Tool-Box“ of fully supported applications („strategic tools“)



ZiM
Zentrum für Informations- und Mediensdienste

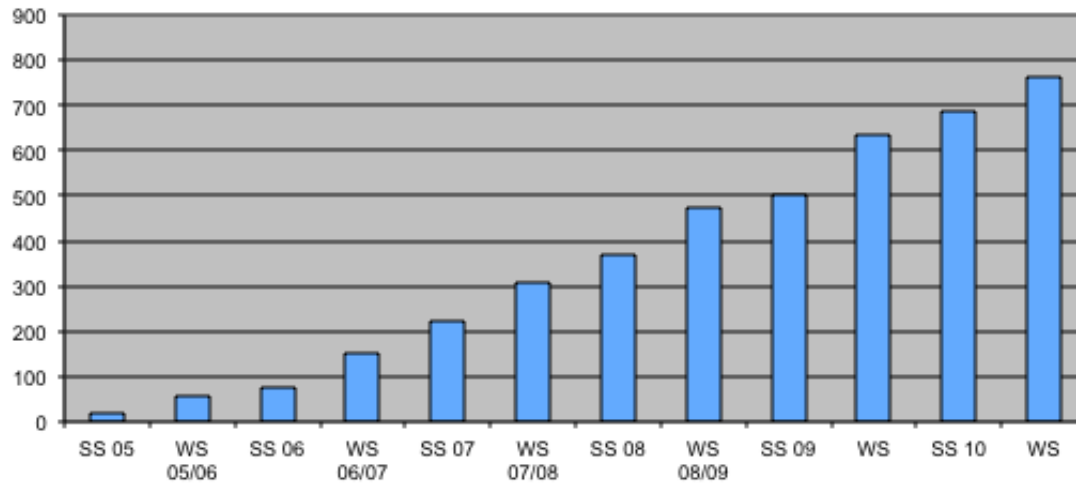
Moodle
E-LEARNING



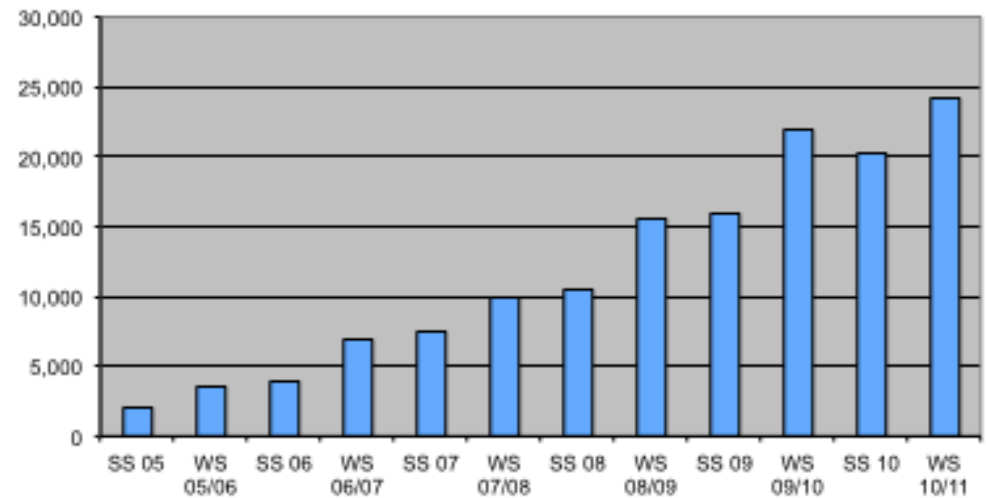
Introduced since 2005-6:

- LMS Moodle
- DuEPublico (Multimedia-Server, ePublishing), incl. Reserve Collections & UDE Bibliography
- WIKI
- Forum
- Basic Support for Collaborative Work (Document Management, collaboration on documents)
- Videoconferencing
- Recorded Lectures/Streaming
- Screencasting Tools/Podcasts
- Study (Campus) Portal
- Support for Mobile Learning (emerging)

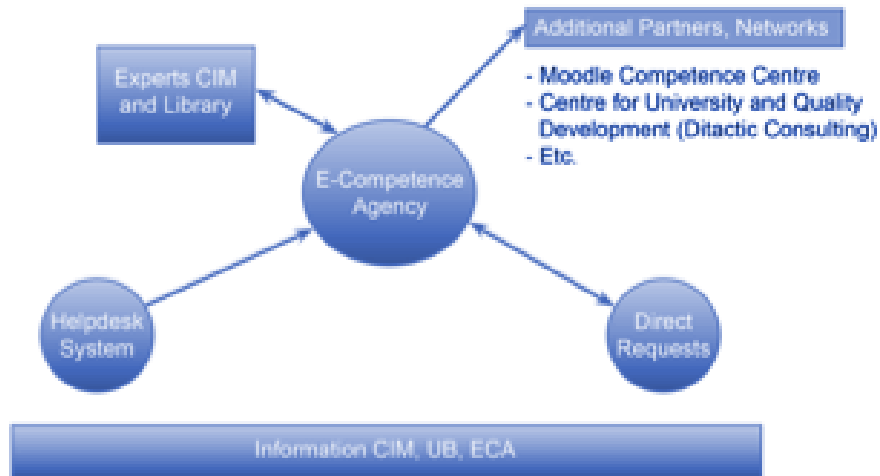
ACTIVE COURSES



ACTIVE USERS



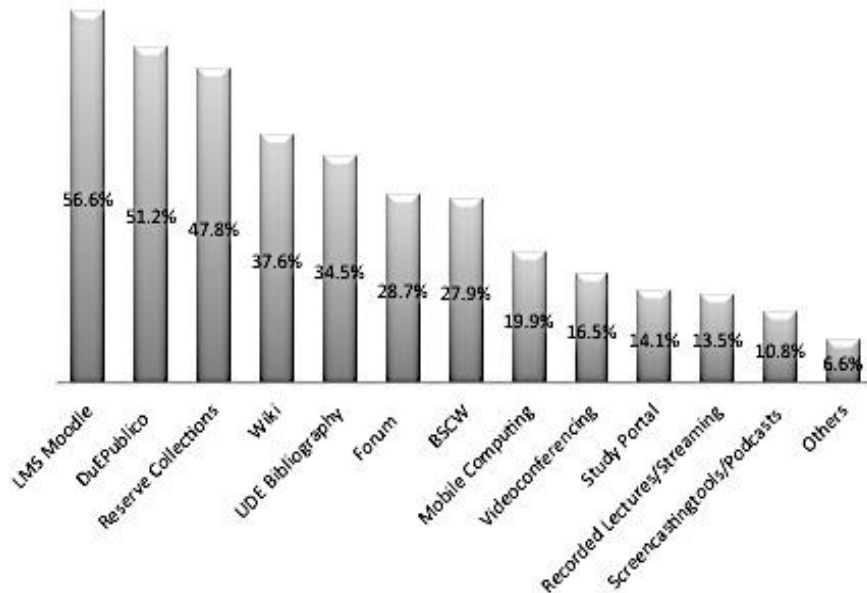
Three-Level Support-Structure:



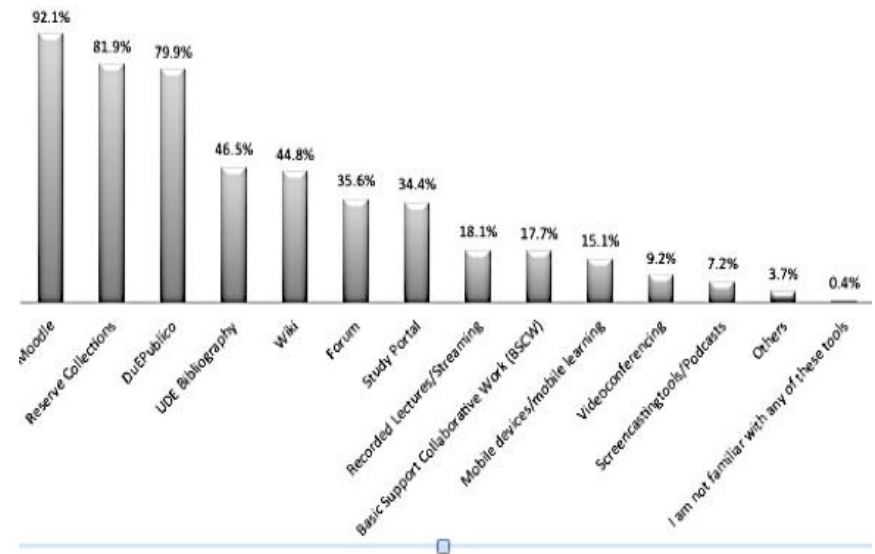
- The survey was conducted in February 2011.
- All staff members involved in teaching – including student assistants and contracted teachers - were contacted (6167), out of these 8,1% responded (502).
- For the student survey a representative sample of 33% (across all academic departments) was selected, i.e. 11.481, from these 6% responded (797 students).



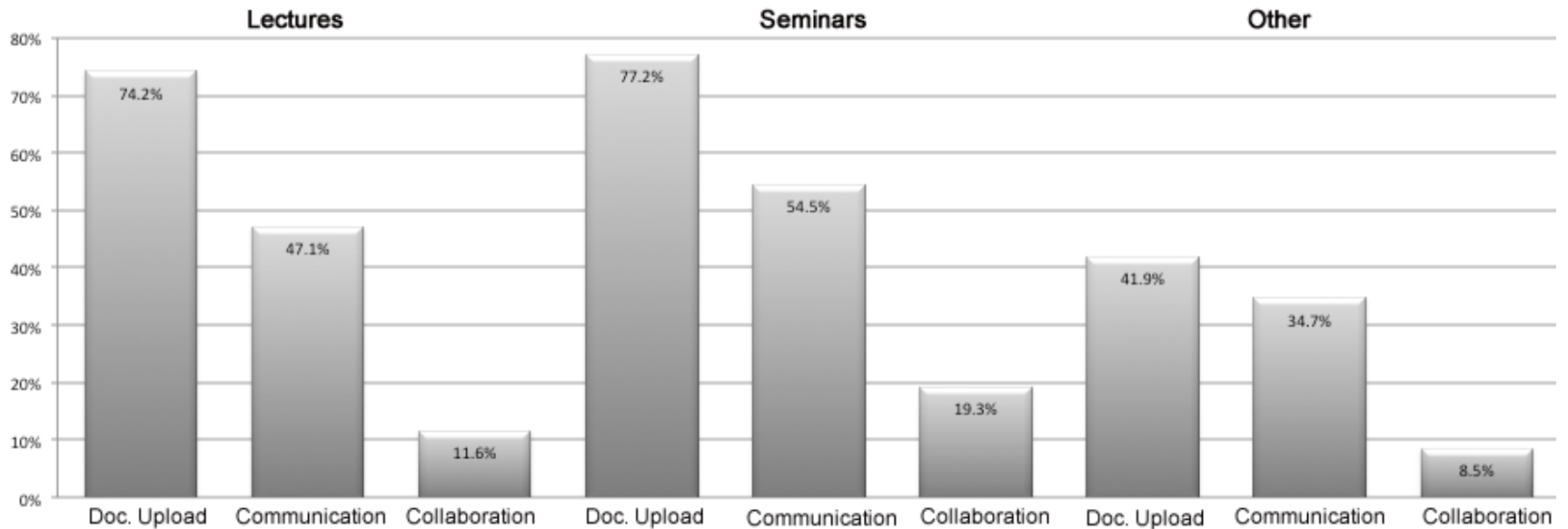
- Response of Staff:

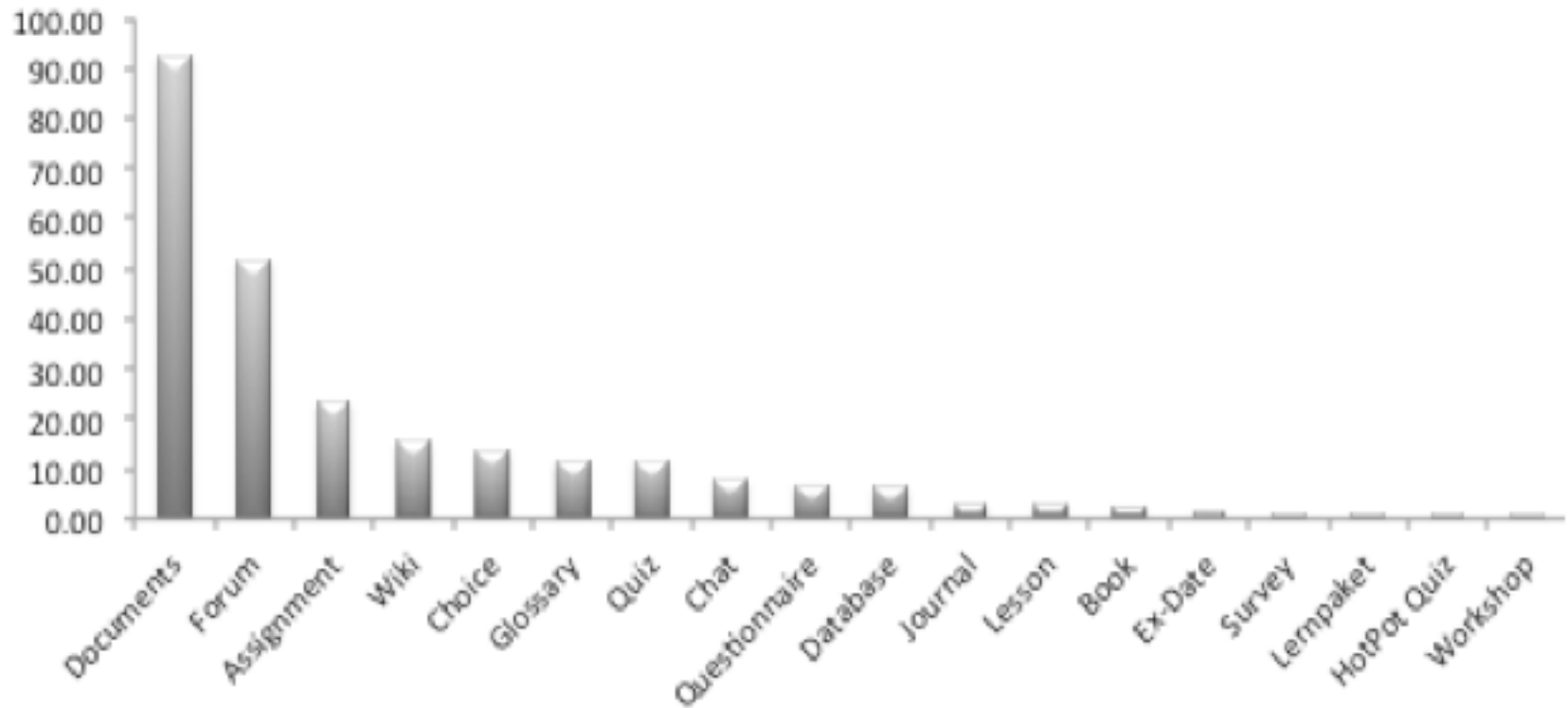


- Response of Students:



How do Teachers Use Moodle:





- Future Trend
- Staff and Students at UDE still hesitant: more than 53% of lecturers and 48% of students do not use smartphones etc.
- The majority do not plan to buy these devices
- We expect this to change



eLearning/Moodle

- Quantitative achievements vs quality of e-teaching
- Differential uses of different digital tools largely ignored, purpose of „Toolbox“ only partially met

Solutions:

- Promotion of Best Practices (our proposal)
- Higher degree of standardisation (our proposal, backed by student demand!)
- More strategic approach by university management and academic departments

Support

- Majority of around 75% of respondents is content or very content with support services, naturally there is always room for improvement, such as
 - Self-learning tutorials instead of personal coaching and courses (demand by lecturers)
 - Increased transparency in support services and their publicity