ePortfolio Work with Students in the Field of Information and Business Technologies

eLearning Centre at Flensburg University of Applied Sciences, Germany

Agenda

- **(e)Portfolio as a competency based approach**

- **Completed portfolio project at Esslingen University of Applied Sciences**

- **Two lectures from Centre for Business and Technology in Africa (CBTA) at Flensburg University of Applied Sciences**

- **A future project of CBTA**

- **References**

Portfolio

- **Shift away from traditional teaching ("chalk and talk") to student-oriented learning**

- **Competence-based teaching and learning**

- **Reflective learning using the portfolio**

ePortfolio
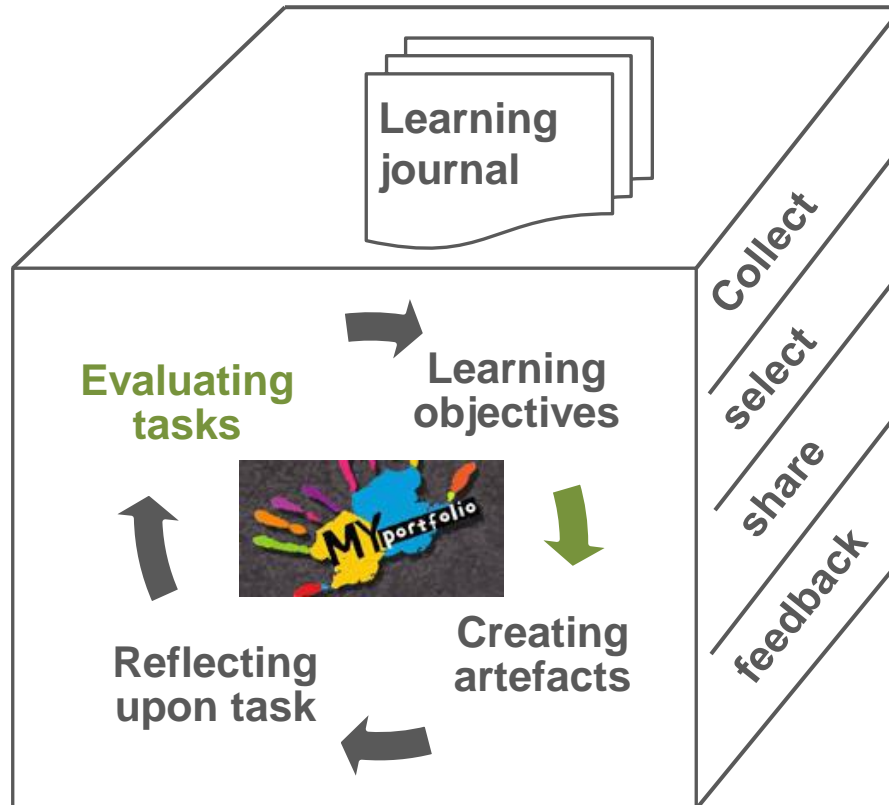
Source: Rosa Arnold

Completed project

- **Students in the fields of computer science, software engineering, media computing and business informatics**

- **Constructive alignment as an approach for teachers**

- **Empirical study:**

  - ✓ **Learning strategies**

    - ✓ publication

Study programmes in Africa

Classes in Germany

Autumn/Spring School

Study programme in Cameroon

"Business in Africa" in Flensburg

Enterprise Architecture

- **Flensburg University of Applied Sciences (FUAS) and Jomo Kenyatta University of Agriculture and Technology (JKUAT)**

- **Teaching method: Seminar**

- **Architecture of:**

  - **Business**
  - **Information**
  - **Data**
  - **Technology**

- **Learning Outcomes:**

  - **Knowledge (and use) of methods to optimise Enterprise Architecture**
  - **Ability to plan the strategic use of IT applications**

Data Science

- **FUAS, JKUAT and Polytechnic of Namibia**

- **Teaching method: (transnational) student project**

- **Dashboard for investors:**

  - **Interactive facts and figures**
  - **Images (infographics) based on existing data from the World Bank**

- **Learning outcomes:**

  - **Creation of a sound knowledge base**
  - **Ability to apply business intelligence technologies**

Data Science - Example

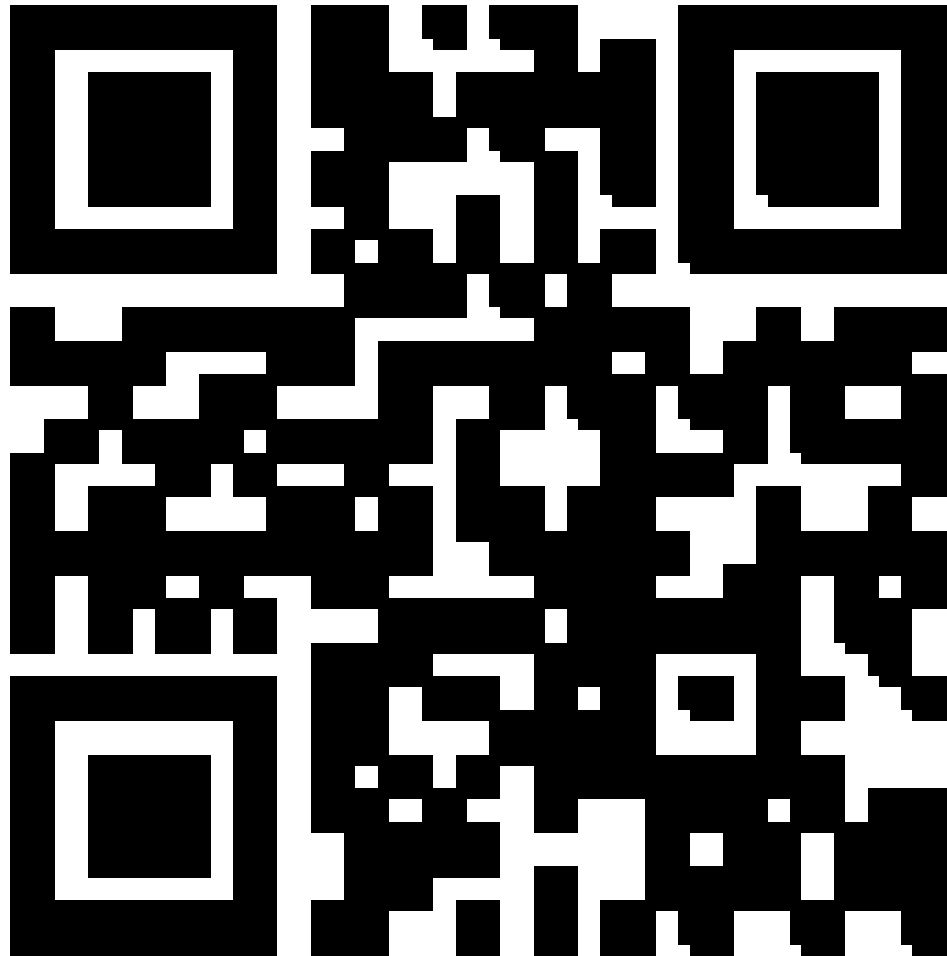http://www2.wi.fh-flensburg.de/africancentre
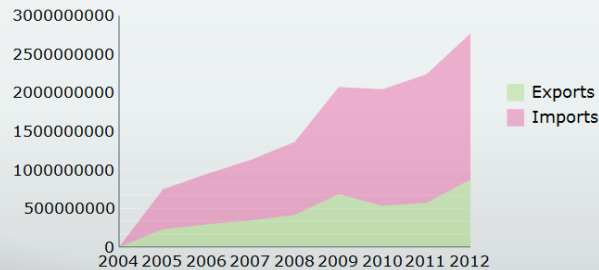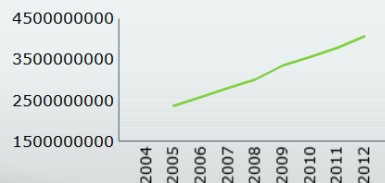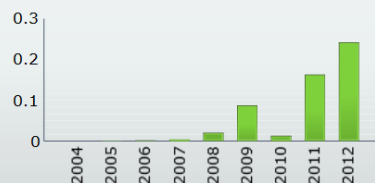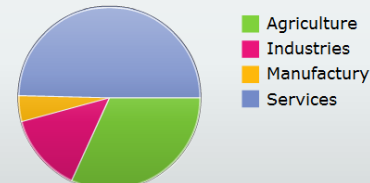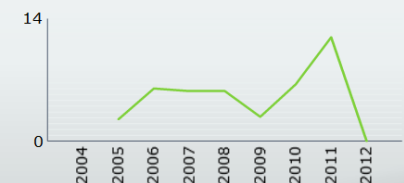
Future Portfolio work

- **Future project and partnerships**

- **Learning journals**

- **Expected results**

Contact:

http://www.africacentre.de

References

http://www.africacentre.de/

http://www2.wi.fh-flensburg.de/africancentre

http://www.hs-esslingen.de/en/the-university/faculties/information-technology/degree-programmes.html

http://electronicportfolios.org/

http://eportfoliosblog.blogspot.de/

http://www.mahara.at/artefact/file/download.php?file=326939&view=45103