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

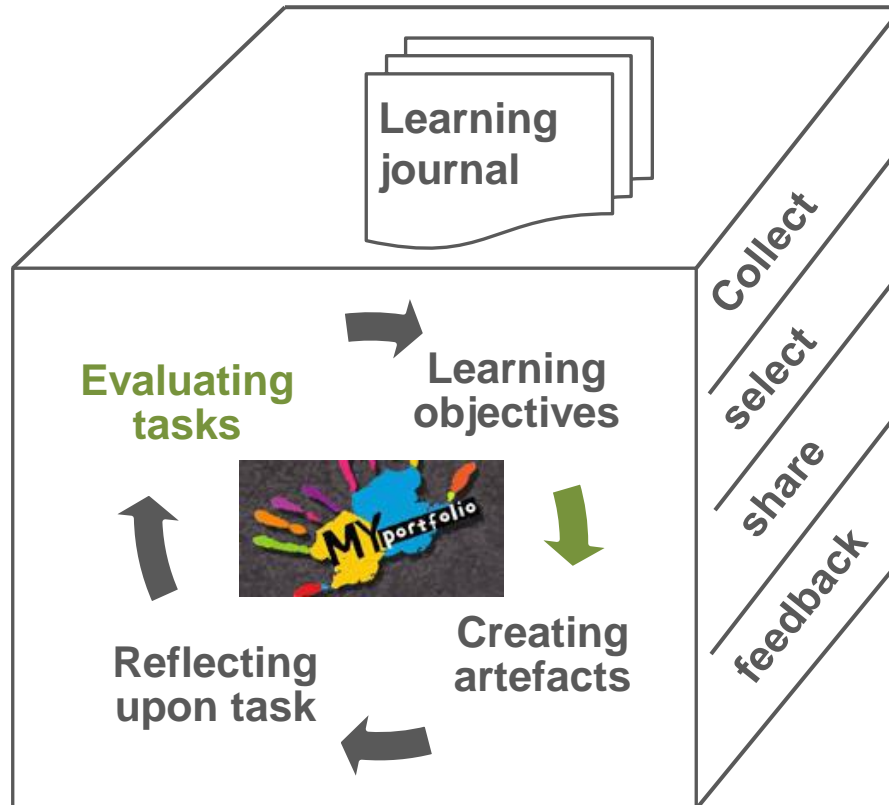
eLearning Centre at Flensburg University
of Applied Sciences, Germany

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**

- Shift away from traditional teaching ("chalk and talk") to student-oriented learning
- Competence-based teaching and learning
- Reflective learning using the portfolio



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**

- **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



Investment Guide East Africa 2.0

Print

Key Performance Indicators **Economy** Education Infrastructure Social Development Technology Safety

Select Country

Kenya

Uganda

Tanzania

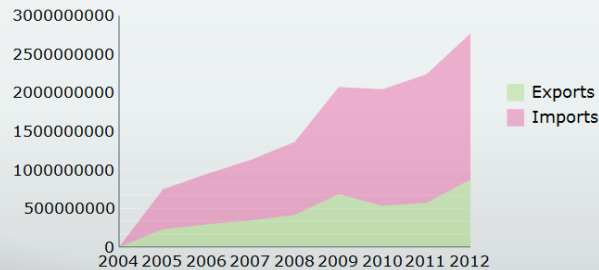
Burundi

Rwanda

Ethiopia

South Sudan

Exports/Imports of goods and services
current US\$



Natural resources

small reserves of gold, platinum, copper, potash, natural gas, hydropower

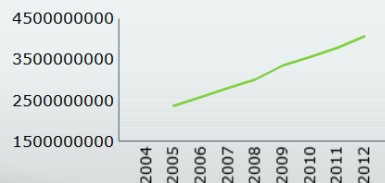
Industries

food processing, beverages, textiles, leather, chemicals, metals processing, cement

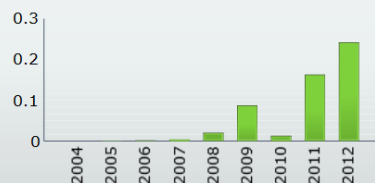
Total natural resources rents
% of GDP



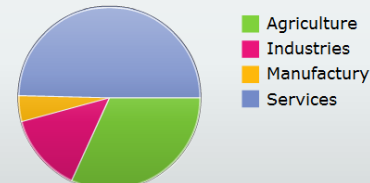
GDP growth
annual %



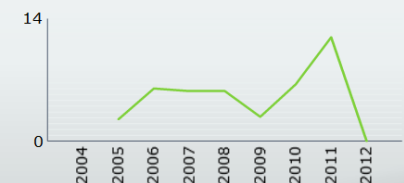
GDP
current US\$



Economy Sectors
% of GDP



Real interest rate
in %



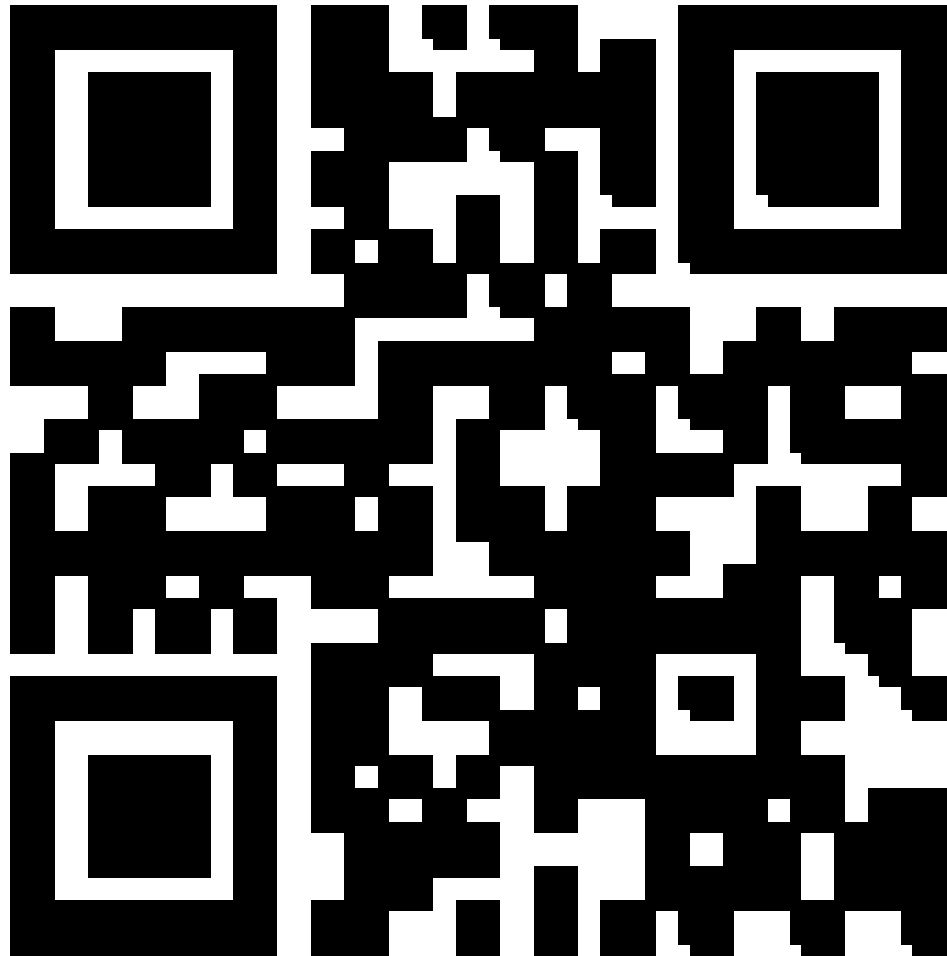
<http://www2.wi.fh-flensburg.de/africancentre>

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/africacentre>

<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>