



Regional Erasmus+ Cluster Meeting Sub-Saharan Africa

Abidjan, Cote d'Ivoire
26-27 June 2024

26 June 2024
Session 3





European
Commission

Focus on Artificial Intelligence



Erasmus+



European
Commission

Dr Jenny Elmaco
Academic Expert
Support to the network of ENFPs
PRACISIS srl



Erasmus+



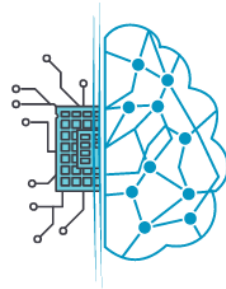
European
Commission

“EmbeddedAI”

Dr Daniel Onwuchekwa
*University of Siegen, Institute for
Embedded Systems, Germany*



Erasmus+



Embedded AI
MASTER'S IN EMBEDDED
ARTIFICIAL INTELLIGENCE

Co-funded by the
Erasmus+ Programme
of the European Union



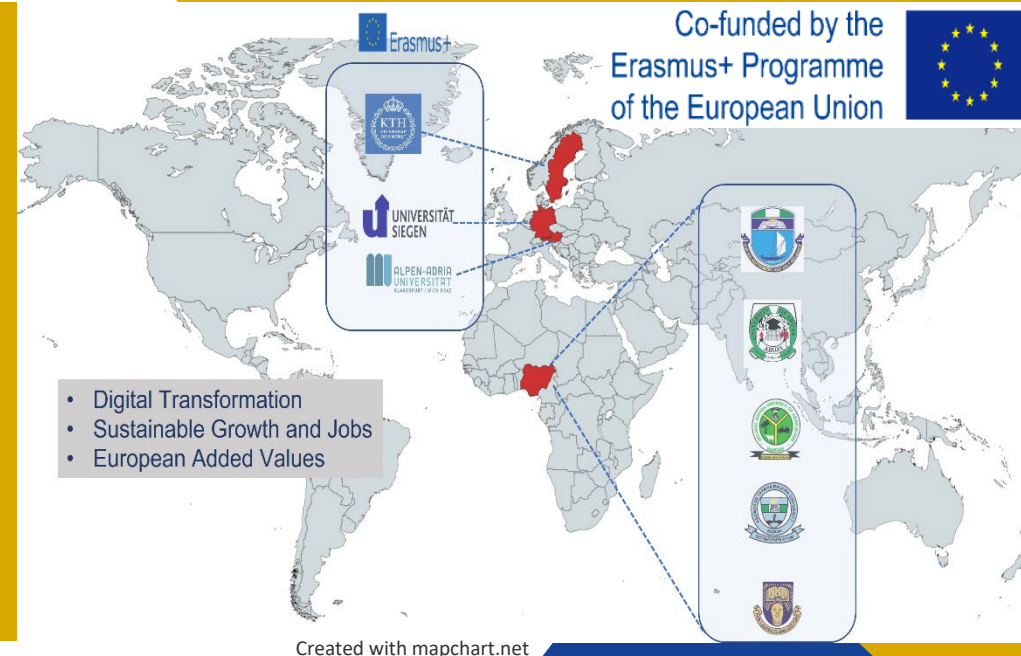
Presenter: Dr. Daniel Onwuchekwa

Chair of Embedded Systems
Head: Professor Roman Obermaisser
University of Siegen

Consortium

1. **University of Siegen (Deutschland)**
2. **Alpen-Adria-Universität Klagenfurt (Österreich)**
3. **KTH Royal Institute of Technology (Schweden)**
4. **University of Port Harcourt (Nigeria)**
5. **University of Abuja (Nigeria)**
6. **Michael Okpara University of Agriculture, Umudike (Nigeria)**
7. **Abubakar Tafawa Balewa University (Nigeria)**
8. **Obafemi Awolowo University (Nigeria)**

Promoting international cooperation between EU HEIs and combating unemployment in developing countries.

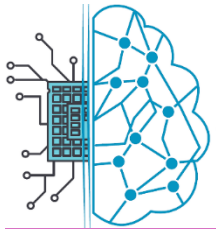


Target Results

- To establish an accredited international master's program in embedded artificial intelligence at five African universities.
- To create a framework for cooperation between EU HEIs and African universities in the field of embedded artificial systems.
- To promote EU HEIs, culture, and way of life.

Project Activities

- Market needs analysis and target refinement for the partner country
- Development of an embedded AI pedagogy and teaching methodology
- Development of courses and labs for embedded AI
- Joint meetings and dissemination of information
- Training and workshops (embedded systems/artificial intelligence/entrepreneurship)
- Promoting gender equality and the inclusion of women in the field of embedded systems through outreach activities in our partner institutions



Erasmus+ Priorität

- INCLUSION AND DIVERSITY
- DIGITAL TRANSFORMATION



Results to be achieved to support the stated priority

INCLUSION AND DIVERSITY

- Promote inclusive education, non-discrimination, and promoting civic competencies in higher education through EmbeddedAI outreach activities for women in embedded systems.
- Improving the level of competencies, skills, and employment potential of students in third countries through establishing the Master's degree program in Embedded Artificial Intelligence.
- Improving teacher training and continuous professional development to improve the quality of the education system in partner countries.

DIGITAL TRANSFORMATION

- To support digital transformation, the EmbeddedAI project will establish advanced labs, develop industry-aligned curricula, enhance faculty training, foster university-enterprise partnerships, promote entrepreneurship, and increase mobility and job opportunities.

Key activities within the project to achieve these specific objectives

- Development of an embedded AI pedagogy and teaching methodology
- Development of courses and labs for embedded AI
- Training and workshops (Embedded Systems/Artificial Intelligence/Entrepreneurship)
- Promote gender equality and the inclusion of women in the field of embedded systems through outreach work in partner institutions



European
Commission

“AHUMAIN”
Atupelye Komba
Dean
University of Burundi



Erasmus+



Regional Erasmus+ Cluster Meeting Sub-Saharan Africa

Abidjan, Cote d'Ivoire
26-27 June 2024

