

Digital Skills for an Innovative East African Industry (dSkills@EA)

dSkills@EA Partner Workshop

17 May 2021, EAC Secretariat, Arusha, Tanzania, and online



Contents of presentation

1. Preparation of dSkills@EA
2. Overview
3. Part A - Master Programme Embedded and Mobile Systems (EMoS)
4. Part B – Demand Oriented Trainings/Short Courses
5. Part C – Entrepreneurship and Innovation



Preparation of dSkills@EA

Preparation of Appraisal Mission

February 2020 – April 2020

Development of the design of the appraisal mission based on meetings with partners and along BMZ requirements

Design of dSkills@EA

April 2020 – October 2020

Appraisal Mission (20-30 April)

CENIT@EA Joint Steering Committee Meeting (26 May)

Submission of project offer to BMZ

Planning of Implementation Details

October 2020 – ongoing

CENIT@EA Joint Steering Committee Meeting (14 October)

Joint Planning Workshop (19 May 2021)

2020

2021



Overview

Development Cooperation Programme

Support to the East African Community (EAC)
EAC-GIZ

6th EAC Development Strategy Priority Area

Strengthening the productive and social sectors **to improve production and productivity**, increase value addition, and **domesticate regional commitments to improve the welfare of East Africans**.

BMZ Core Area

Training and sustainable growth for decent jobs – Technical vocational education and training

Project Budget

4,200,000 EUR

Project Term

April 2021 – March 2024

Political Partner

East African Community Secretariat and Federal Ministry for Economic Cooperation and Development (BMZ)

Target Group

Young people in the EAC with a qualification for EMoS, employment seeking university graduates, entrepreneurs, ICT specialists in companies



Objective:

**Employment and
innovation related...**

...digital skills of young people...

**...in the East African Community Partner States Burundi,
Kenya, Rwanda, South Sudan, Tanzania and Uganda...**

...are strengthened



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Overview – Module Indicators

Indicator Part A

75 % of 50 **companies evaluate the digital skills** of the Centre of Excellence for ICT in East Africa's master's students/graduates as very good or good **in terms of their company's needs after completing an internship or taking up employment.**

Indicator Part B

66% of 297 participants, 40% of whom are women, evaluate 6 months after participating in a **short-term training course the digital skills they have acquired as helpful or very helpful in their professional work.**

Indicator Part C

40 young people in the 6 EAC partner states supported by the project, 12 of whom women, have developed a **market-oriented digital business idea** with a project note and business plan.



Part A - Master Programme Embedded and Mobile Systems (EMoS)



Objective and Indicators Part A

The quality of the Master programme and study-related offers at the Centre of Excellence for ICT in East Africa is improved.

Indicator

7 processes or offers to **ensure the quality of the practice-oriented Master's programme** at the Centre of Excellence for ICT in East Africa are implemented jointly with regional partners and in accordance with the respective objectives

Processes/offers: Teacher qualification, funding mechanism, scholarship awarding, career services, alumni network, guest lectures of the private sector, revision of the curriculum

- Implemented by the **East African - German Academic Consortium**, led by the Nelson Mandela African Institution of Science and Technology (NM-AIST) and University of Oldenburg and supported by DAAD
- Focus on collaboration with regional partners and on beneficiaries in the EAC, especially the students
- Sustainability and institutionalization in cooperation with the private sector is a crucial element



Part B – Demand Oriented Trainings/Short Courses



Objective and Indicators Part B

Short-term training courses for digital skills designed according to the needs of the industry have been successfully carried out.

Indicator 1

4 **short-term training courses** (of which 1 as digital learning format) on **digital skills** that are relevant to the industry are carried out in collaboration with the industry.

Indicator 2

297 (66%) of 450 participants, 119 (40%) of whom are women, **successfully complete the short-term training course** on digital skills.

- Building on the success of the „Digital Skills Accelerator“
- Trainings are within the field of Embedded and Mobile Systems, interlinking with the Master programme
- To be implemented for all six EAC Partner States in cooperation with companies and local training institutes
- Utilization of e-learning and blended learning approaches



Part C – Entrepreneurship and Innovation



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Objective and Indicators Part C

Entrepreneurship offers for piloting digital/innovative solutions are provided for the 6 EAC partner states through a cooperation network of the Centre of Excellence for ICT in East Africa.

Indicator 1

6 cooperation between CENIT@EA and providers of innovation and entrepreneurship support from the 6 EAC partner states are used in practice.

Indicator 2

3 entrepreneurship offers to support digital ideas from the 6 EAC partner states are being provided through the Centre of Excellence for ICT in East Africa cooperation network.

- Promoting entrepreneurship and innovation transfer from universities in the EAC into the market (marketization of research)
- Inclusion of projects/apps developed by “Digital Skills Accelerator” participants
- Activities to support students and graduates in developing a business ideas will be largely implemented through the cooperation with entrepreneurship support institutions like innovation hubs from the EAC



Thank you for your attention!

