



Kwame Nkrumah University of
Science & Technology, Kumasi, Ghana

Title Erasmus+ Networking Forum “EU-Higher Education Cooperation between Germany and Ghana” (main focus: Erasmus+ capacity building projects)

Accra, 28.-30. November 2018
Conference language: English

Venues:
University of Ghana, Accra
La Palm

Name: WILLIAM ODURO

Department: WRM

Faculty & College: FRNR, CANR



Deutscher Akademischer Austauschdienst
German Academic Exchange Service



GEFORDERT VOM

Bundesministerium
für Bildung
und Forschung



Presentation of the Erasmus+ call for proposals 2019 and good practice example

Title **“Enhancing Entrepreneurship, Innovation
and Sustainability in Higher Education in
Africa”**

Name: WILLIAM ODURO

Department: WILDLIFE AND RANGE MGT

Faculty & College: FRNR, CANR



Deutscher Akademischer Austauschdienst
German Academic Exchange Service

GEFORDERT VOM



Bundesministerium
für Bildung
und Forschung

PRESENTATION OUTLINE

- Introduction
- Description of the project
 - Aims
 - Activities: short description of relevant work packages
 - Outputs
 - Outcomes
- Consortium composition/Partner Organisations
- Role of KNUST in the project
- Expected impact on KNUST, teachers, students and other stakeholders



Introduction

**ENHANCING ENTREPRENEURSHIP,
INNOVATION AND SUSTAINABILITY IN
HIGHER EDUCATION IN AFRICA
(EEIS-HEA)**

EU - Erasmus+ programme



www.knust.edu.gh

Exemplar of Guidance available

Winning Erasmus+ grant is no easy task - constitutes an impeccable project proposal which presents the project in the best possible way to **its reviewers**.

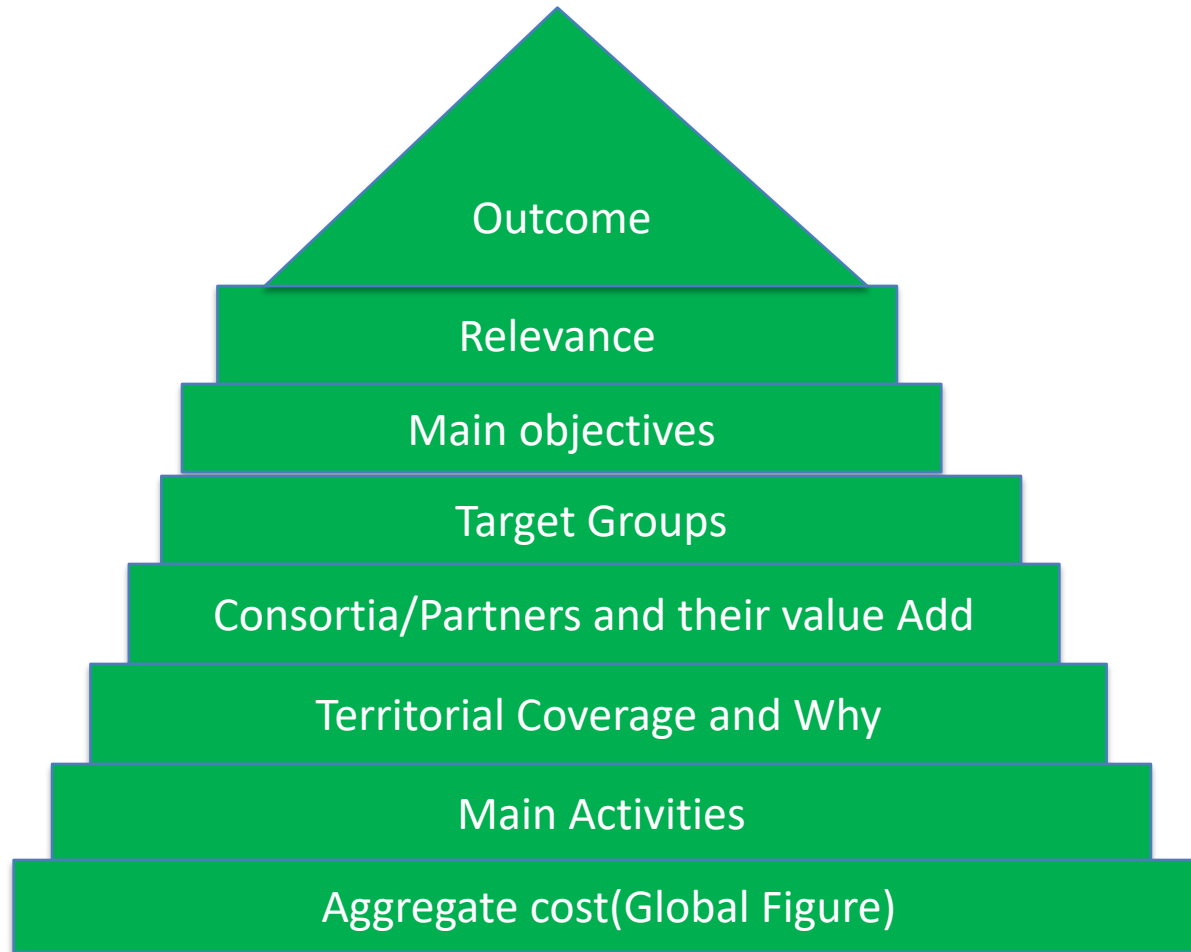
Logical first step to developing Erasmus+ project proposal - first and foremost **review and understand the template's requirements**.

“logic gap” exists between what researchers assume the proposal template requires of them and what **reviewers** are most definitely looking for.



Erasmus Plus Proposal Headings and logic

Erasmus Plus
Proposal Headings
and logic



The inner logic of Erasmus+ proposal template

The first and highly important step in this process is the **call text**. The project proposal must be in line with all the requirements of the call text.

In the competitive environment of Erasmus+ – it is strongly recommended not to neglect any piece of the call text when constructing your project proposal.

Having an excellent project at hand may **not be enough**. If it does not refer to all the elements of the call text – the project might **not be ranked high** [586416 Notification letter.pdf](#) compared to other projects that do cover all the elements.



Description of the project

- Reform Higher Education (HE) study programmes to ensure curricula that are highly relevant to the contemporary economic and social needs of Africa
- Equipping graduates with skills and competences for employability and self-employment
- Trans-African and trans-continental cooperation between HE institutions in East and West Africa and in the EU, as well as local cooperation with external stakeholders



Project aims

- To initiate sustained educational change in Higher Education (HE) study programmes to ensure curricula that are highly relevant to the contemporary economic and social needs of Africa
- To equip graduates with skills and competences for employability and self-employment
- To foster trans-African and trans-continental cooperation between HE institutions in East and West Africa and in the EU, as well as local cooperation with external stakeholders



Project outputs

- 5 study programmes with relevant elements of entrepreneurship & innovation (E&I), and ecological, social and economic sustainability (SUS) integrated into curricula, delivered through student-centred learning (SCL) approaches and drawing on e-learning (E-L) tools
- Curricula will serve as “best practice” examples within the HE institutions
- After the project completion each HE will have a team of trainers who have the knowledge, skills and competences to train and assist colleagues in designing similar programmes

Consortium/Partner organizations

Building a Consortium in Erasmus+- Don't Bring Your Friends!

A consortium is at the heart of any Erasmus+ project. Consortium partners, once chosen and settled, will undoubtedly impact the success rates of the project itself.

Because of this, building a consortium is a very important stage of the Erasmus+ project development.



Consortium/Partner organizations

- Consortium as a whole. In this section the reviewers are expecting to learn about the synergetic nature of the project and why the consortium partners were selected to participate.
- Make sure to focus on the functions that the consortium partners fulfill and how these functions contribute to reaching the project's objectives.
- It is important to ensure there are no gaps in functionality but also that there are little to no overlaps between the partners in functionality.

Partner organisations

EU partners

Denmark

- Aalborg University (AAU; applicant)
- University of Copenhagen (UCPH)
- Roskilde University (RUC)

Sweden

- Royal Institute of Technology (KTH; Stockholm)

Spain

- Polytechnic University of Catalonia (UPC; Barcelona)

African partners

Ghana

- Kwame Nkrumah University of Science and Technology (KNUST; Kumasi)
- University of Energy and Natural Resources (UENR)

Tanzania

- Sokoine University of Agriculture (SUA; Morogoro)
- Kilimanjaro Christian Medical University College (KCMUCo; Moshi)
- The State University of Zanzibar (SUZA; Zanzibar)



Associated partner organisations

Ghana

- Ghana Aquaculture Association (Accra)
- Pilot Aquaculture Centre, Kona Odumasi (Mampong)
- CliQAfrica Limited (Madina-Accra)

Tanzania

- Tanzania Youth Icon-Tayi (Zanzibar)



The study programmes

KNUST: **BSc. Aquaculture and Water Resources Management**

UENR: **BSc. Renewable Energy Engineering**

SUA: **BSc. Information Technology**

KCMUCo: **MSc. Reproductive and Adolescent Health**

SUZA: **BSc. Environmental Health**



Activity

Training of trainers (ToT) in areas of Student-Centred Learning, E-Learning, Entrepreneurship and Innovation and Sustainability?

Each African university sends 2 persons to participate in training in each of the 4 areas - and these 2 persons then become the area specialists who will train their colleagues.

The training consists of 2 face-to-face workshops of 4 days duration in 2 different European universities - 2 days for intensive theoretical training and 2 days of relevant study visits.

In a third workshop taking place within each university in Africa the 2 times 4 area specialists will train each other on their specialist area, with assistance from selected European project persons.



Erasmus+ project no. 586416, Enhancing Entrepreneurship, Innovation and Sustainability in Higher Education in Africa (EEISHEA)

Local Task Force Teams, African Universities

University	KNUST	UENR	SUA	KCMUCo	SUZA
Project role					
Advisory Board (AB) Member	Prof. Kwasi Obiri-Danso, Vice Chancellor	Prof. Harrison Kwame Dapaah	Prof. Peter Gillah Deputy Vice Chancellor (Academics)	Prof. Kien Alfred Mteta, Deputy Provost, Academic Affairs	Dr. Haji Mwevura Haji, Deputy Vice-Chancellor Academic Affairs
Local Project Coordinator (LPC)	William Oduro	Dr. Samuel Gyamfi	Prof. Camilius Sanga	Declare Looka Mushi	Mrs. Mwanajuma Suleiman Mgeni
Local Project Manager (LPM)	Johnson Owusu	Mr. Albert Banan Abdulai	Dr. Anthony Z. Sangeda	Joachim Peter Kessy	Mr. Abdallah Ahmed Suleiman
SCL 1, main	Gabriel Asare Okyere	Benjamin Asubam Weyori,	Dr. Anthony Z. Sangeda	Sia E. Msuya	Dr. Maryam Jaffar Ismail
SCL 2, assisting	Al A. Saah	Reginald Djimatey	Dr. Ernest Simon Kira	Jaffu Othniel Chilongola	Mrs. Mariam Amour Mwinyi
e-L 1, main	Christopher Addo	Benjamin Asubam Weyori,	Mr. Juma Kilima	Gabriel Justine Msuka	Dr. Haji Ali Haji
E-L 2, assisting	Godfred Y. Annum	Reginald Djimatey	Mr. Mussa R. Mussa	Glory Ibrahim	Mrs. Mwanajuma Suleiman Mgeni
E&I 1, main	Samuel Yaw Akomea	Benjamin Asubam Weyori,	Prof. Camilius A. Sanga	Jaffu Othniel Chilongola	Mr. Abdallah Ahmed Suleiman
E&I 2, assisting	Eric Francis	Reginald Djimatey	Ms. Judith Valerian	Beatrice John Leyaro	Mr. Abdulrahim Haroun Ali
SUS 1, main	Daniel Adjei-Boateng	Benjamin Asubam Weyori,	Dr. Doreen Ndossi	Joachim Peter Kessy	Dr. Said Suleiman Bakari
SUS 2, assisting	Regina Esi Edziyie (Mrs)	Reginald Djimatey	Dr. Sotco C. Komba	Dr Michael Mahande	Dr. Haji Mwevura Haji
Subject matter expert	Nelson Agbo	Mr. Felix Amankwah Diawuo	Mr. Mussa R. Mussa	Racheal Manongi	Mrs. Biubwa Faki Ally
Subject matter expert	Steve Amissah	Mr. Reginald Djimatey	Dr. Consolate Angello	Sia E. Msuya, Programme coordinator	Dr. Said Suleiman Bakari
Subject matter expert	Benjamin Betey Campion	Dr. Francis Attiogbe	Mr. Rogers Andrew	Beatrice John Leyaro	Mrs. Fatma Hamid Saleh
Subject matter expert	George Ashiagbor	Dr. Michael Asiedu	Dr. Alex Matofali	Dr Geoffrey Sigalla	Mrs. Aziza Siba Abdulkadir



Erasmus+ project no. 586416, Enhancing Entrepreneurship, Innovation and Sustainability in Higher Education in Africa (EEISHEA)

Training Teams – African Trainees and European Trainers

Version 5, 2018-09-12

	KNUST	UENR	SUA	KCMUCo	SUZA	Trainers
WP2: Student-Centred Learning	Gabriel A. Okyere goasare@yahoo.co.uk Al A. Saah alasaah@yahoo.com	Francis Attiogbe francis.attiogbe@uenr.edu.gh Mercy Ama Asafu-Adjaye ama.asafu-adjaye@uenr.edu.gh	Anthony Sangeda sangedaaz@gmail.com Ernest S. Kira klesiani@yahoo.com klesiani@suanet.ac.tz	Sia E. Msuya siamsuya@hotmail.com Jaffu O. Chilongola jaychilongola@gmail.com	Maryam J. Ismail zmaryamismail@gmail.com Mariam A. Mwinyi mwinyi.maryam@gmail.com	Mona Dahms, AAU mona@plan.aau.dk Gunaratna Kuttuva Rajarao gkr@kth.se Søren Lund, RUC slund@ruc.dk
WP3: E-Learning	Christopher Addo caddo@knust.edu.gh Godfred Y. Annum anngodam@yahoo.co.uk	Benjamin Asubam Weyori, benjamin.weyori@uenr.edu.gh Francis Kojo Asare Yawson Francis.yawson@uenr.edu.gh	Juma Kilima kilima@suanet.ac.tz Mussa R. Mussa rama@suanet.ac.tz	Gabriel J. Msuka gmsuka@gmail.com Glory Ibrahim jollie_glory@yahoo.com	Haji A. Haji hajiali10@hotmail.com Mwanajuma S. Mgeni ajumy.mgeni@gmail.com	Henrik Bregnhøj, UCPH henrik.bregnhøj@sund.ku.dk Pär Ola Zander, AAU poz@hum.aau.dk KTH person – To Be Determined (TBD)
WP4: Entrepreneurship / innovation / industry coll.	Samuel Y. Akomea samakomea@yahoo.com Eric Francis Eshun efeshun.art@knust.edu.gh	Reginald Djimatey reginald.djimatey@uenr.edu.gh Michael K. Asiedu michael.asiedu@uenr.edu.gh	Camilius A. Sanga sanga@suanet.ac.tz Judith Valerian jvalerian@suanet.ac.tz	Jaffu O. Chilongola jaychilongola@gmail.com Beatrice J. Leyaro Beatrice_john@yahoo.com	Abdallah A. Suleiman Abdulla.suleiman2013@gmail.com Abdulrahim H. Ali abdulrahim.ali@suza.ac.tz	KTH person - TBD Stig Jensen, UCPH sti@teol.ku.dk Jesper Vasell, KTH vasell@kth.se Romeo Turcan, AAU rvt@business.aau.dk Bente Nørgaard, AAU bente@plan.aau.dk Margrethe Holm Andersen, AAU mha@business.aau.dk
WP5: Sustainability	Daniel Adjei-Boateng daboateng.fnr@knust.edu.gh Regina E. Edziye edziye@yahoo.co.uk	Samuel Gyamfi Samuel.gyamfi@uenr.edu.gh Felix Amankwaah Diawuo felix.diawuo@uenr.edu.gh	Doreen Ndossi dgnndossi@gmail.com Sotco C. Komba sotratz@suanet.ac.tz	Joachim P. Kessy joakessy@gmail.com Michael Mahande jmmahande@gmail.com	Said S. Bakari Sayeed.bakari@gmail.com Haji M. Haji haji.mwewura@suza.ac.tz	Jordi Segalàs, UPC jordi.segalas@upc.edu Carla Smink, AAU carla@plan.aau.dk Søren Lund, RUC slund@ruc.dk Anders Rosén aro@kth.se

KNUST Local Task Force (LTF) team

Advisory Board (AB) Member	Prof. Kwasi Obiri-Danso, Vice Chancellor
Local Project Coordinator (LPC)	William Oduro
Local Project Manager (LPM)	Johnson Owusu
SCL 1, main	Gabriel Asare Okyere
SCL 2, assisting	Al A. Saah
E-L 1, main	Christopher Addo
E-L 2, assisting	Godfred Y. Annum
E&I 1, main	Samuel Yaw Akomea
E&I 2, assisting	Eric Francis
SUS 1, main	Daniel Adjei-Boateng
SUS 2, assisting	Regina Esi Edziyie (Mrs)
Subject matter expert	Nelson Agbo
Subject matter expert	Steve Amissah
Subject matter expert	Benjamin Betey Campion
Subject matter expert	George Ashiagbor

KNUST Stakeholder Panel - External stakeholders

- Ghana Aquaculture Association (Accra)
- Pilot Aquaculture Centre, Kona Odumasi (Mampong), Ashanti Region.
- Department, Faculty & College Boards etc.
- NCTE
- Students
- Ministries etc.



WP 1: Start-up phase of the project

Objectives of WP 1:

Project launched with the participation of all partner staff members involved in the project

Detailed work plans prepared for all WPs for the first year

Project web site launched

Common Virtual Learning Environment (VLE) established.

Outputs of WP 1:

Consortium Agreement

Work plan for the Advisory Board (AB) activities in the project

Work plan for the Partner Group (PG) activities, with focus on year 1

Training plans for the 4 Specialist Groups (SG), including location of f-2-f workshops, learning outcomes, time lines and responsible trainers

Work plan for the external Quality Control (QC) team for the duration of the project

Project web site

Common Virtual Learning Environment (C-VLE).



WP 2: Training of trainers (TOT) on Student-Centred Learning (SCL)

Outputs of WP 2:

- Five teams of trainers with skills on a variety of SCL methods (e.g. PBL, challenge driven learning, team based learning)
- Training material on student-centred learning
- Five half-day peer training sessions on SCL
- Network of SCL specialists
- Individual Reflective Learning Journals (RLJ)
- Team Reflective Teaching Journals (RTJ)
- Reflection and evaluation reports
- One evaluation report on the completed SCL training



Main roles of KNUST in the project

Training:

KNUST will participate actively in the 4 training Work Packages (WP):

- WP 2: Student-Centred Learning (SCL)
- WP 3: E-learning (E-L)
- WP 4: Entrepreneurship & Innovation (incl. collaboration with industry) (E&I)
- WP 5: Sustainability - Ecological, social and economic (SUS).

Curriculum development:

KNUST will be WP Leader of WP 6: Development of KNUST curriculum
– BSc Aquaculture and Water Resources Management

Dissemination and Exploitation:

KNUST will participate actively in WP 12: Dissemination and exploitation of project results



Role of KNUST in the training (WP 2 – 5)

The KNUST LTF will:

- Appoint 2 trainees (main and assisting) to participate in the training within each of the four specialist areas
- Training will take place as
 - online training
 - two f2f workshops within European universities
 - one training workshop within KNUST
- The f2f workshops will consist of 2 days of intensive training and 2 days of relevant study and field visits
- After each workshop each trainee will write an individual Reflective Learning Journal (RLJ, max 2 pages) and peer review 2 RLJs written by other trainees
- The training workshop in KNUST will be a peer-teaching/-learning workshop where the 2 trainees from each of the four specialist areas will train their colleagues in the LTF team

WP 11: Quality Control

Objectives of WP 11:

Highest possible quality of project related activities and outputs secured

Lessons learned and recommendations from on-going monitoring and internal and external evaluation fed into project activities during the project period

Lessons learned and recommendations from end-of project internal and external evaluations fed into the strategic plans for sustained project activities after project completion.



WP 11: Quality Control

Outputs of WP 11:

- Evaluation reports, one from each of the 4 training WPs, i.e. WP 2 – 5
- Evaluation reports from provision of first and second semesters of each of the 5 redesigned study programmes
- External formative evaluation reports from each of 2 f2f visits by each expert to the 5 African institutions
- External summative evaluation reports from each of the 5 African institutions
- Overall project completion report, including lessons learned and recommendations for strategic plans for sustained project activities and for similar EU projects under the Erasmus + programme

Impact

**ENHANCING ENTREPRENEURSHIP,
INNOVATION AND SUSTAINABILITY IN
HIGHER EDUCATION IN AFRICA
(EEIS-HEA)**

EU - Erasmus+ programme



www.knust.edu.gh

IMPACT: short notes

Highly important in Erasmus+ and should be regarded as such.

When writing the impact section keep in mind the following:

- The impact text should be very different than any other text in the proposal, as it has different goals and points of focus.
- The impact of the project represents the **value** of the project.
- The impact must correspond to the expected impact listed in the call text, but also to the Erasmus+ key performance indicators and cross cutting issues.
- There are various dimensions to impact: scientific, academic, socio-economic, environmental, public and commercial. Attend to all that are relevant to the project



WP 12: Dissemination and exploitation of project results

Objectives of WP 12:

- Efficient dissemination and exploitation of project results within the African institutions ensured
- National, regional and continental dissemination and exploitation of project results ensured.

WP12: Dissemination & Exploitation

Outputs of WP 12:

- Project website
- Local and national press releases
- Local and national press conferences
- Newspaper articles
- Journal articles in relevant journals
- Conference papers at relevant educational conferences
- Two conferences, one in Tanzania, one in Ghana, for national high-level HE stakeholders
- Annual Open Days in African HEIs.



CHECK LIST

PART D - Quality of the project team and the cooperation arrangements[Detailed_Project_Description_submitted.docx](#)

PART E - Project characteristics and relevance
[Detailed_Project_Description_submitted.docx](#)

PART F - Quality of the project design implementation
[Detailed_Project_Description_submitted.docx](#)

PART G - Impact, dissemination and exploitation, sustainability
[Detailed_Project_Description_submitted.docx](#)

LOGICAL FRAMEWORK MATRIX - LFM

WORKPLAN[Detailed_Project_Description_submitted.docx](#)

PART H – Work packages [Detailed_Project_Description_submitted.docx](#)

PART I – Special mobility strand
[Detailed_Project_Description_submitted.docx](#)

PART J – OTHER EU GRANTS[Detailed_Project_Description_submitted.docx](#)



THANK YOU FOR YOUR ATTENTION



www.knust.edu.gh