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PROJECT OVERVIEW BACKGROUND ACTIVITIES

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BACKGROUND /RATIONALE

- EA region is suffering from **expensive energy supply**. The restricted energy access, indeed, hinders the STI development and hampers the EA region from sustainable development;

- Despite of the energy emergency and potential in the region, **inadequate STI research support from the HEIs** is not in favour of the situation.

- Our conclusions in a preliminary analysis revealed that

  - i) **local research environment is often disregarded from research institutes, investors or industries**. EA HEIs seem not realise their strengths and weaknesses in the STI market, and therefore, a mispositioning and low university-industry collaboration.

BACKGROUND /RATIONALE

- ii) The **shortage of qualified and well-trained staff in HEIs for STI activities** constitutes another constraint to research expansion in the region. There are sufficient numbers of staff, however, they are not well-trained to handle specific research and innovation projects.

- iii) Thirdly, **insufficient funding** does not permit HEIs conduct researchers continuously since they are largely dependent on the state or external funds.

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CONSORTIUM

UNIVERSITY OF ALICANTE (SPAIN)

AFRICAN VIRTUAL UNIVERSITY (KENYA)

MOI UNIVERSITY (KENYA)

MZUMBE UNIVERSITY (TANZANIA)

MAKERERE UNIVERSITY (UGANDA)

INTER UNIVERSITY COUNCIL FOR EAST AFRICA

DIRECTORATE FOR RESEARCH MANAGEMENT (KENYA)

TANZANIAN COMMISSION FOR S&T

UGANDA NATIONAL COUNCIL FOR S&T

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ACP S&T PROGRAMME

OVERALL AND SPECIFIC OBJECTIVES

Overall objective: To strengthen Science, Technology and Innovation (STI) co-operation in East Africa (EA) countries by **promoting operational and effective management of research and innovation activities with a special focus on energy access and efficiency**.

Specific Objectives:

1) To promote a **STI support culture** within 3 EA countries by improving the quality of STI support services and its co-ordination with relevant stakeholders.

2) To create **3 STI support national networks** with a specific focus on energy access and efficiency

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ESTIMATED RESULTS

- **Identified strengths and weaknesses of STI activities** in the 3 EA countries through the comparative analysis & a study visit

- **Improved quality of STI support, and enhanced staff skills and capacity** though targeted trainings & replication through national workshops

- **Enhanced and stimulated potential co-operation** through the creation of 3 STI Support National Networks

- **Dialogue** with policy makers & enhanced **Network visibility**

- **Enhanced public awareness**

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TARGET GROUPS & …..

- **HEI top management, researchers, research & project managers in 3 EA countries**

- **Policy makers** for HEI & STI (3 Ministries involved)

- **Professionals from energy sectors and STI**

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...... & FINAL BENEFICIARIES

- Academics/ students/ researchers as whole in HEIs, research centres, NGOs for quality STI services – need skilful labour and quality STI support service;

- Public & private sectors; investors/ enterprises in energy and other sectors – good STI support services encourage more collaboration and increased investment/ job vacancy and thus, socio-economic growth;

- Society in EA regional for socio-economic growth and state-of-art solution for energy access and efficiency – improved socio-economic growth by increasing energy access.

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WORKPLAN

PHASE I : COMPARATIVE ANALYSIS & RECOMMENDATIONS

PHASE II: TRAINING FOR TRAINERS

PHASE III: CREATION & DEVELOPMENT OF 3 STI SUPPORT NATIONAL NETWORKS

DISSEMINATION ACTIVITIES

PROJECT MANAGEMENT

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WORKPLAN

LEADER: UA

M1-M12

- A PROFOUND UNDERSTANDING OF GENUINE SITUATION OF STI ACTIVITIES AND MANAGEMENT IN THE TARGETED EA COUNTRIES AND HEIS WILL BE OBTAINED THROUGH SURVEYS AND REPORTING (ACT.1.1).

- BEFORE CONCLUDING THE DATA GATHERED, PARTNERS WILL VISIT GCU SO AS TO GET FIRST-HAND EXPERIENCE IN DAILY STI SUPPORT SERVICE OPERATION (ACT 1.2).

- AN ANALYSIS REPORT WILL BE FINALISED AND RECOMMENDATIONS WILL BE MADE TO HEI TOP MANAGEMENT AS WELL AS POLICY MAKERS (ACT.1.3 & 1.4).

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WORKPLAN

LEADER: UA

M1-M21

- Prior to the trainings, training content and guideline will be developed for feedback and comments (act. 2.1).
- Then, each institution should identify the 5 trainees/ workshop (act. 2.2).
- Personnel identified to receive training will be responsible for acts in the next phase, inter alia, Network establishment, training delivery, contribution to the Portal, encourage national, int'l regional STI co-operation (inter-related to WP 3, 4 & 5).
- A good number of trainers (at least 60, management and researchers) will be trained in three fundamental aspects of STI management and acts.
- Training topics are set prior to the request and previous analysis with project consortium, however, fine adjustment on the training content will be made according to the lesson learnt from phase I (act. 2.3) .

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WORKPLAN

LEADER: MOI

M1-M36

- To avoid delay due to heavy bureaucracy, consortium will discuss and prepare the Networks' establishment in M1 (act. 3.1).

- The recruited personnel (act. 3.2, selected for the trainees in WP2) for the Networks hosted in MOI, MU and MAK and Portal host in AVU will proceed the procedure for equipment purchase (act. 3.3), development, launch and update of the websites (act. 3.4&3.5)

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WORKPLAN

LEADER: MAKERERE

M18-M32

- Upon the establishment of Networks, a sustainability plan will be developed (act. 4.1) and prepare for the 3 national workshops (act. 4.2, replication of act. 2.3) for widening the outreach.

- Simultaneously, Networks' promotion events will be hosted (act. 4.3) for cost-effectiveness.

- National roundtables (act. 4.4) will also be hosted together with the Network's inauguration (act. 4.5) and the third workshop and promotion event in the respective country.

- Finally, a publication on "Good Practice on STI support & knowledge acquisition" (act. 4.5) will be drawn (combined with the report in act. 1.4).

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WORKPLAN

LEADER: IUCEA & AVU

M1-M36

- THE PORTAL IS AN IMPORTANT ELEMENT FOR STIMULATING REGIONAL CO-OPERATION AND THEREFORE, PREPARATION STARTS FROM THE 1ST MONTH.

- A POOL OF EXPERTS IN ENERGY SECTOR (NOT EXCLUSIVELY) AND STI ACTS WILL BE IDENTIFIED (ACT. 5.1), AND FORM THE EXPERT DATABASE IN THE PORTAL (ACT. 5.2)

- MEANWHILE, AVU WILL DEVELOP THE PORTAL TOGETHER WITH THE NETWORKS WHICH WILL BE INTEGRATED IN IT (ACT. 5.2).

- THE PORTAL WILL CARRY IMPORTANT NATIONAL & REGIONAL POLICY FOR STI ACTS (ACT. 5.3) AND SUCCESSFUL REAL LIFE CASE STUDIES (ACT. 5.4).

- AFTER 2 SUPRANATIONAL CONFERENCES, A BLUEPRINT WILL THEN DRAFTED AND SENT TO THE DECISION MAKERS (ACT.5.5)

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WORKPLAN

Dissemination – project visibility enhancement

LEADER: UA

M1-M36

- THROUGHOUT THE PROJECT IMPLEMENTATION, THE WHOLE CONSORTIUM, INTENSIVE DISSEMINATION ACTS WILL BE CARRIED OUT.
- LAUNCH OF PROJECT WEBSITE (ACT.6.1), DISSEMINATION PACKAGE (LOGO, LEAFLET, POSTERS, TEMPLATES ACT.6.2), 6-MONTHLY NEWSLETTER (ACT.6.3) & MEDIA COVERAGE AND PRESS RELEASE WILL BE USED TO MAXIMISE THE PROJECT VISIBILITY.

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WORKPLAN

PROJECT MANAGEMENT & QUALITY CONTROL

LEADER: UA

M1-M36

- EXPERIENCED PROJECT CO-ORDINATOR, UA, WILL APPLY ENSURE PUNCTUAL AND QUALITY DELIVERABLES (ACT.7.5).
- ESTABLISHED MANAGEMENT AND QUALITY BOARD (ACT.7.1) MONITORS AND SUPERVISES PROJECT PROGRESS BY THE 6-MONTHLY INTERNAL PROGRESS REPORT (ACT.7.3) ACCORDING TO LFM AND REVISED CONTINGENCY PLAN DEVELOPED (ACT.7.2).
- REGULAR CONSORTIUM MEETINGS (ACT.7.4&7.5) ENSURE FLUENT COMMUNICATIONS AND PROJECT PROGRESS.

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ACP S&T PROGRAMME

WORKPLAN & ACTIVITIES

Phase I: Comparative analysis & Recommendations (WP1)

1.1Questionnaire drafting for benchmarking

1.2Study visit

1.3Comparative analysis & recommendations to HEI top management & policy makers

Phase II: Trainings for trainers (WP2)
2.1 Develop training content and guideline
2.2 Identify personnel for trainings
2.3Workshops implementation
- Research Support Offices and Policies & Procedures
- Fundraising, proposal drafting & project management
- Knowledge transfer and intellectual property management

Phase III: Creation and implementation of three national networks and policy dialogue

WP3 – Creation of 3 STI Support National Networks
WP4 – Pilot Implementation of Activities and Networks
WP5 – East African STI portal & Policy dialogue

-Project Visibility Enhancement (WP 6)

-Project Management & Quality Control (WP7)

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Thank you!
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