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Call for scholarship applications for PhDs and MSc positions in the framework of the Intra Africa Homegrown Clean Energy Project

2024/2025 Admissions

Homegrown Clean Energy Project:

Mobility for Clean Energy Solutions to promote energy independence and environmental well-being through collaboration and innovation, addressing climate challenges across Africa.

Background:

Africa, a continent brimming with potential, faces a critical challenge: ensuring energy access and tackling climate change. Over 50% of its population lacks electricity, and relying on unsustainable practices threatens their health and the environment. Yet, Africa possesses a wealth of untapped renewable resources – a golden key to unlocking a brighter future.

The Homegrown Clean Energy (HCE) Solutions Project steps in to address these challenges with a vision driven by African ingenuity. We are empowering universities, the private sector, and local communities to develop clean energy solutions tailored to their specific needs.

The objectives of Homegrown Clean Energy:

- Promote the development of Homegrown Clean Energy (HCE) solutions for underrepresented communities.
- Facilitate knowledge sharing and technology transfer among participating institutions.
- Enhance entrepreneurship skills in clean energy solutions for climate change adaptation and mitigation in Africa.
- Promote gender equality and social inclusion in clean energy solutions.

Participating Institutions:

- Federal University of Technology Minna (FUTMIN), Nigeria
- Makerere University, Uganda
- University of Abomey-Calavi (UAC), Benin
- Uganda Martyrs University (UMU), Uganda
- University of Nigeria (UNN), Nigeria
- University of Zimbabwe (UoZ)

Mobility Groups:

The Mobility of the scholarship is categorized into two groups- **Target groups I and II**

- a. Target Group 1:** Applicants in this category should be registered/admitted in or have obtained a degree (or equivalent) from one of the African Beneficiaries included in the Homegrown Clean Energy Project, (I.e Federal University of Technology Minna (FUTMIN), Makerere University, University of Abomey-Calavi (UAC), Uganda Martyrs University (UMU), University of Nigeria (UNN) and University of Zimbabwe (UoZ).
- b. Target Group 2:** Applicants in this category include students registered/admitted in or who have obtained a degree (or equivalent) from Higher Education Institutions (HEIs) in other African countries which is not in partnership with HCE but established in one of the eligible African countries. (I.e., a university based in Africa BUT not included in the partnership) Countries in this category include South Sudan, Namibia, Mali, Cameroon DR Congo and Liberia

Mobility Level:

a. Masters or Doctoral level mobility:

- PhD Students: full degree opportunities of 36 months duration
- Master's degree students: full degree opportunities of 24 months duration abroad.

This mobility option can be either short-term or for the entire duration of an academic programme. The short term is for credit-seeking opportunities.

- b. Staff members Mobility:** 4 staff exchange opportunities of up to 3 months duration abroad is available for Academic, Administrative, and Technical Staff members working in any of the partner institutions in HCE consortium.
- c. Traineeship mobility:** 7 trainees' opportunity for up to 3 months duration abroad. To qualify, you must be enrolled in a Bachelor/Master/PhD programme at one of the partner institutions in HCE consortium.

Mobility Flow:

The Mobility Flow explains the partnering universities that various groups of applicants can apply to. Applicants registered/admitted in or have obtained a degree (or equivalent) from one of the partnering universities and cannot apply to the same university or country.

A. Target Group I- Master's degree Applicant

The table below highlights Eligible Institutions for Target group I Masters Applicants

Applicants registered/admitted in or have obtained a degree From	Institutions Eligible to apply to					
	FUTMIN	Makerere	UAC	UMU	UNN	UoZ
Federal University of Technology Minna	X	✓	✓	✓	X	X
Makerere University, Uganda	✓	X	X		✓	X
University of Abomey-Calavi (UAC), Benin	✓	X	X	✓	X	✓
Uganda Martyrs University (UMU), Uganda	X	X	✓	X	✓	X
University of Nigeria (UNN), Nigeria	X	✓	✓	X	X	✓
University of Zimbabwe (UoZ)	X	X	✓	X	✓	X

B. Target Group I- Doctorate Degree Applicants

The table below highlights Eligible Institutions for Target Group II Masters Applicants

Applicants registered/admitted in or have obtained a degree from	Institutions Eligible to apply to					
	FUTMIN	Makerere	UAC	UMU	UNN	UoZ
Federal University of Technology Minna	X	X	X	✓	X	X
Makerere University, Uganda	X	X	X	X	✓	✓
University of Abomey-Calavi (UAC), Benin	✓	X	X	X	X	X
Uganda Martyrs University (UMU), Uganda	✓	X	X	X	✓	X
University of Nigeria (UNN), Nigeria	X	✓	X	X	X	X
University of Zimbabwe (UoZ)	X	✓	✓	X	X	X

C. Target Group II- Master's degree Applicant

The table below highlights Eligible Institutions for Target Group II Masters Applicants

Partnering Institutions	Eligible Country of Applicant
Federal University of Technology Minna	South Sudan and Liberia
Makerere University, Uganda	Namibia
University of Abomey-Calavi (UAC), Benin	Cameroon
Uganda Martyrs University (UMU), Uganda	Mali
University of Nigeria (UNN), Nigeria	DRC
University of Zimbabwe (UoZ)	Nil

Scholarship Programs and Host Institutions

Country	Institution	Degree	Program Name	Department	Faculty
Benin	University of Abomey-Calavi (UAC)	Master	MSc. in Energy Efficiency and Renewable Energy	Doctoral School of Engineering Sciences	Doctoral School of Engineering Sciences
Benin	University of Abomey-Calavi (UAC)	Doctorate	PhD in Energy Efficiency and Renewable Energy	Doctoral School of Engineering Sciences	Doctoral School of Engineering Sciences
Uganda	Makerere University	Master	MSc. Forestry & Biodiversity Management	Forestry Biodiversity and Tourism	School of Forestry, Environmental and Geographical Science
Uganda	Makerere University	Master	MSc in Renewable Energy	Mechanical Engineering	School of Engineering
Uganda	Uganda Martyrs University	Master	MSc. In Agroecology	Department of Agroecology	Faculty of Agriculture
Uganda	Uganda Martyrs University	Doctorate	PhD in Agroecology and Food Systems	Department of Agroecology	Faculty of Agriculture
Nigeria	University of Nigeria	Master	MSc.in environmental management and Control	Centre for Environmental Management & Control	Centre for Environmental Management & Control
Nigeria	University of Nigeria	Doctorate	PhD. In environmental management and Control	Centre for Environmental Management & Control	Centre for Environmental Management & Control

Nigeria	University of Nigeria	Master	MSc. In Renewable Energy	Agriculture and Bioresource Engineering	Engineering
Nigeria	University of Nigeria	Master	MSc. in Artificial Intelligence	Computer Science	Physical Sciences
Nigeria	University of Nigeria	Doctorate	PhD in Artificial Intelligence	Computer Science	Physical Sciences
Nigeria	University of Nigeria	Master	MSc. in Climate Change Economics, Policy & Innovation	Institute of Climate Change	Institute of Climate Change
Nigeria	Federal University of Technology Minna	Doctorate	PhD in Climate change and Human Habitat	West African Science Service Centre on Climate Change and Adapted Land Use	West African Science Service Centre on Climate Change and Adapted Land Use
Nigeria	Federal University of Technology Minna	Master	Meng. Agriculture and Bioresources Engineering	Agriculture and Bioresources Engineering	School of Infrastructure, Process Engineering & Technology
Zimbabwe	University of Zimbabwe	Master	Masters in climate science and climate system Modelling	Space Science and Applied Physics	Science
Zimbabwe	University of Zimbabwe	Master	Masters in Climate Change and Food Systems	Soil Science and Environment	Agriculture Environment and Food Systems
Zimbabwe	University of Zimbabwe	Master	Masters in environmental systems engineering	Agricultural and Biosystems Engineering	Agriculture Environment and Food Systems
Zimbabwe	University of Zimbabwe	Doctorate	DPhil in Climate Change and Renewable Energy (by Research)	Agricultural and Biosystems Engineering	Agriculture Environment and Food Systems

Scholarship Benefits:

- Tuition fee coverage
- Monthly subsistence allowance (€890 for Master's students, €1,230 for Ph.D. students and trainees, €2,370 for staff)
- Living allowance and insurance
- Travel and visa expenses
- Participation costs (tuition and registration fees)
- Research expenses (depending on available budget)
- Additional support for scholarship holders with disabilities
- Women and persons living with disabilities are strongly encouraged to apply

Eligibility:

- Interested candidates can only apply to approved specified programs in the appropriate university as indicated in the mobility flow.
- Applicants should ensure that they meet the admission requirements for the program/university in the mobility flow.

- Each application MUST be accompanied by a detailed concept note (three pages) including the title of the proposed work, problem statement, methodology, and work plan. All proposed work must be in the area of inclusive (ideas on how to benefit society, women and other marginalized groups including persons living with disabilities) homegrown clean energy.
- Applicants must have a minimum of second-class honours (lower division) at first-degree level.
- Applicants should provide information on academic background, and work experiences related to climate change and clean energy.
- Information on how participation in this program will benefit the applicant, and other stakeholders in the home country, Africa, and the world.
- Eligible candidates should not have already benefited from another MOBAF 2022-2027 scholarship.

Application Documents:

1. *Filled Application Form*
2. *CV*
3. A three-page proposal document

How to Apply for the Scholarship:

To apply: click here to apply: Masters https://bit.ly/HCE_MScApply

To apply: click here to apply: PhD https://bit.ly/HCE_PhDApply

Application Deadline

The deadline for the application is **27th July 2024 by Midnight GMT +1**. Results will be announced on **September 3, 2024**

Contact Details

For further enquiries or guidance required kindly contact the following.

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