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## Call for applications for Homegrown Clean Energy Solution Trainee Mobility Programme

### **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)

### **About the Trainee Workshop:**

The Homegrown Clean Energy Solutions (HCE Solutions) is calling for applications from trainees to participate in a three-month funded training programme in clean energy. University students are called to apply for the funded internship programme from four countries in Africa including Republic of Benin, Nigeria, Uganda, and Zimbabwe. Eligible universities from the four countries are: Federal University of Technology Minna, Nigeria; Makerere University, Uganda; Uganda Martyrs University; University of Abomey Calavi, Republic of Benin; University of Nigeria Nsukka; and University of Zimbabwe. Women and persons living with disabilities are strongly encouraged to apply.

This is a mobility training programme and prospective trainees are required to apply for a training programme outside their home country. Training can either be taken in Nigeria with Valec Electric Limited or in Zimbabwe with SustEnergy Pvt Limited. Upon return to their home country, trainees must commit to submitting a prototype of clean energy developed from the training programme to the HCE Solutions team.

**Eligibility Requirements:**

- Applicant must be a citizen of the four participating countries.
- Applicant must be a current student of one of the six participating universities.
- Applicant must be in the third or fourth year of his/her studies.
- Applicant must show evidence of interest and/or experience in clean energy development.

**Available Programs ` At Valec Electric Ltd (Nigeria)**

1. Solar Power System:

This includes:

- a. Solar Power Design
- b. Solar Power Installation
- c. Solar Power Maintenance

2. Solar Borehole

This includes:

- a. Solar Borehole Design
- b. Solar Borehole Installation
- c. Solar Borehole Maintenance

3. Biogas Production

This includes:

- a. Design
- b. Construction
- c. Production
- d. Maintenance

4. Distilled Water Production

This includes:

- a. Design
- b. Construction
- c. Production
- d. Maintenance

**Available Programs At ` Sustenergy Pvt Ltd (Zimbabwe)**

- Solar PV Design, Installation and Maintenance
- Solar Thermal Design, Installation and Maintenance
- Solar PV for Kids and Teenagers
- Energy Efficiency for Kids and Teenagers
- Energy Efficiency Technician
- Fuel Cell Technology

- Green Hydrogen Technology
- Solar Water Pumping
- Energy Audit Technician
- Solar Drying Technology
- Biogas Technology Design and Installation
- Biomass Improved Cook Stove Design

### **Scholarship Package:**

Selected candidates are entitled to the following support:

1. Fully paid training cost.
2. A monthly stipend of EURO 1230.
3. A visa fee to Nigeria or Zimbabwe.
4. Three months practical training on clean energy development.
5. A certificate of competence in clean energy development.

### **Important Dates**

1. Application Opens: 17th April 2025.
2. Application closes: 26th May 2025.
3. Announcement of Awardees: 9th June 2025.
4. Onboarding: 30th June 2025.

### **Application Requirements**

1. Completed application form filled and submitted online at: <https://hcesolutions.org/>
2. Letter of Attestation from Head of Department

### **How to Apply for the Programme:**

To apply: click here to apply: [https://bit.ly/HCE\\_TraineeApply](https://bit.ly/HCE_TraineeApply)

### **Application Deadline**

The deadline for the application is **26<sup>th</sup> May 2025 by Midnight GMT +1**. Results will be announced on **9<sup>th</sup> June 2025**.

### **Contact Details**

For further enquiries or guidance required kindly contact the following.

- **FUT Minna - Caroline Alenoghena;**  
[carol@futminna.edu.ng](mailto:carol@futminna.edu.ng) +234 8035015984
- **UNN- Cynthia Nwobodo;**  
[cynthia.nwobodo@unn.edu.ng](mailto:cynthia.nwobodo@unn.edu.ng) +234 803 946 2574
- **MUK- Grace Nakabonge;**  
[grace.nakabonge@mak.ac.ug](mailto:grace.nakabonge@mak.ac.ug) +256 782356607
- **UMU- Dr Robinah S. Nakabo;**  
[rnakabo@umu.ac.ug](mailto:rnakabo@umu.ac.ug) +256 776 802981
- **UAC- Michel Dossou;**  
[michel.dossou@uac.bj](mailto:michel.dossou@uac.bj) +229 97 54 27 44
- **UoZ- Dr Blessing Magonziwa;**  
[blessing.magonziwa21@alumni.colostate.edu](mailto:blessing.magonziwa21@alumni.colostate.edu). +263 775990146