

RCEES

STAKEHOLDER ENGAGEMENT WORKSHOP

28TH FEBRUARY - 1ST MARCH 2024
SUNYANI, GHANA.



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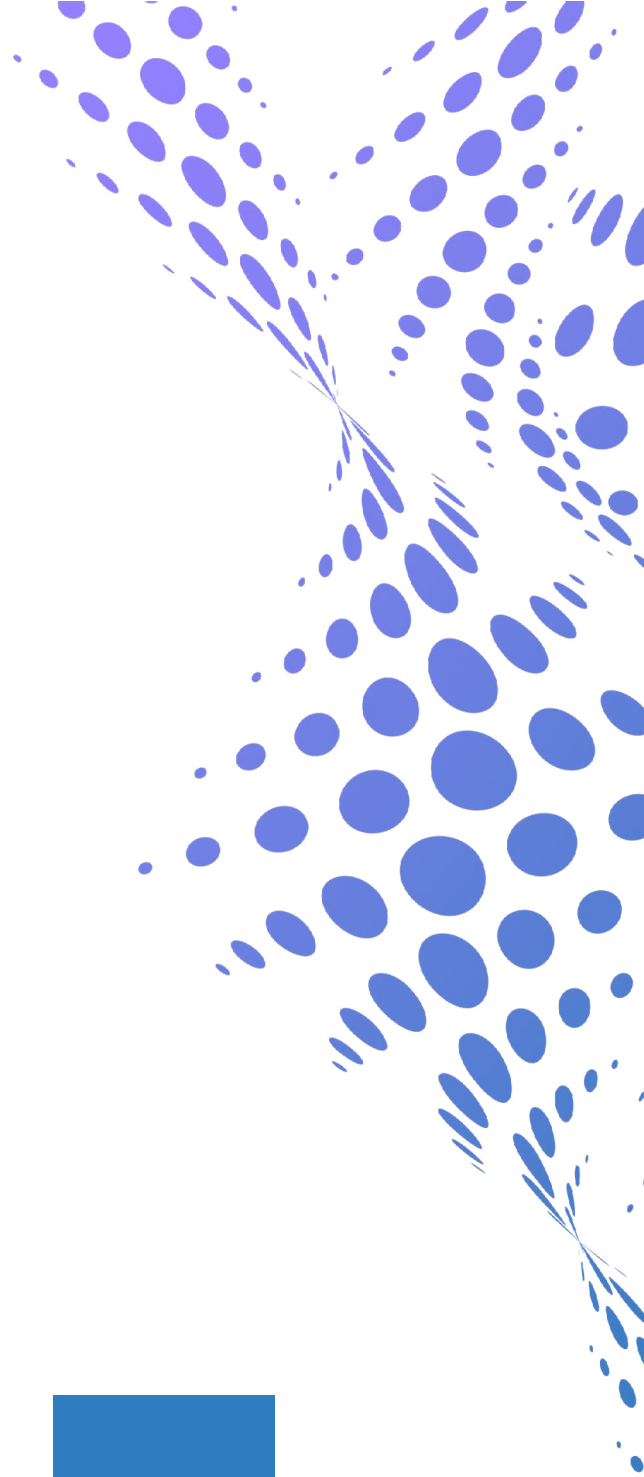
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RCEES

**STAKEHOLDER
ENGAGEMENT
WORKSHOP**



Ladies and gentlemen, esteemed stakeholders, and distinguished guests,

Welcome to the RCEES Stakeholder Engagement Workshop! It is with great pleasure and immense enthusiasm that I extend a warm greeting to each one of you here today. Your presence in this workshop is a testament to your dedication and commitment to the significant cause of environmental and ecological sustainability. Today, we gather not just as individuals, but as a community united by a shared vision: a vision of a harmonious relationship between humanity and our environment, a vision where responsible actions pave the way for a sustainable future. This workshop stands as a beacon of collaboration, knowledge exchange, and collective effort toward that very vision. In the next few days, we have the opportunity to engage in meaningful discussions, share insights, and explore innovative solutions to the challenges that our planet faces. Your expertise, diverse perspectives, and unwavering commitment are invaluable resources that will drive our conversations and initiatives. As we embark on this journey together, let us embrace the spirit of collaboration, openness, and mutual respect. Let us actively listen to one another, learn from each other's experiences, and forge connections that will strengthen our collective impact. I am confident that this workshop will not only broaden our horizons but also inspire us to take bold and decisive actions in the realm of environmental stewardship. Together, we can make a difference, and this workshop serves as a pivotal platform for us to turn our shared aspirations into reality. Once again, I extend my heartfelt welcome to each of you. May our time together be enriching, enlightening, and empowering. Let us join hands and work towards a sustainable future for generations to come.

Thank you.

Prof. Eric Ofosu Antwi

Associate Professor

University of Energy and Natural Resource

Director, Regional Centre for Energy and Environmental Sustainability

ABOUT US

REGIONAL CENTRE FOR ENERGY
ENVIRONMENTAL SUSTAINABILITY

SUMMARY

The Regional Centre of Energy and Environmental Sustainability (RCEES), established under the Africa Higher Education Centres of Excellence Project, is a hub for cutting-edge research in energy and environmental sustainability. Committed to superior postgraduate education, RCEES fosters transformative learning, supporting sustainable development initiatives. We offer a dynamic environment for both national and international students, enhanced by scholarships and dedicated staff support

VISION

The Vision of RCEES is: "to be the leading internationally accredited Centre of Excellence that provides Quality Research and Postgraduate Education in Energy and Environmental Sustainability."

MISSION

Our mission is to provide excellent and quality postgraduate education, discover, preserve and disseminate cutting-edge interdisciplinary research. RCEES also aims, through training and capacity building, consulting, professional development, and securing grants and donor funding, to enhance the lives of our students, industry and society.

CORE VALUES

Responsiveness: We believe in finding innovative solutions to energy and environmental challenges.

Collaboration: Our strength lies in building strong partnerships and engaging with diverse stakeholders.

Equality: We are committed to fostering an environment of equal opportunity, gender balance, and diversity.

Excellence: Our goal is to demonstrate world-class leadership in both research and teaching.

Sustainability: We uphold the highest standards in higher education, especially in STEM fields, to maintain our legacy of excellence.

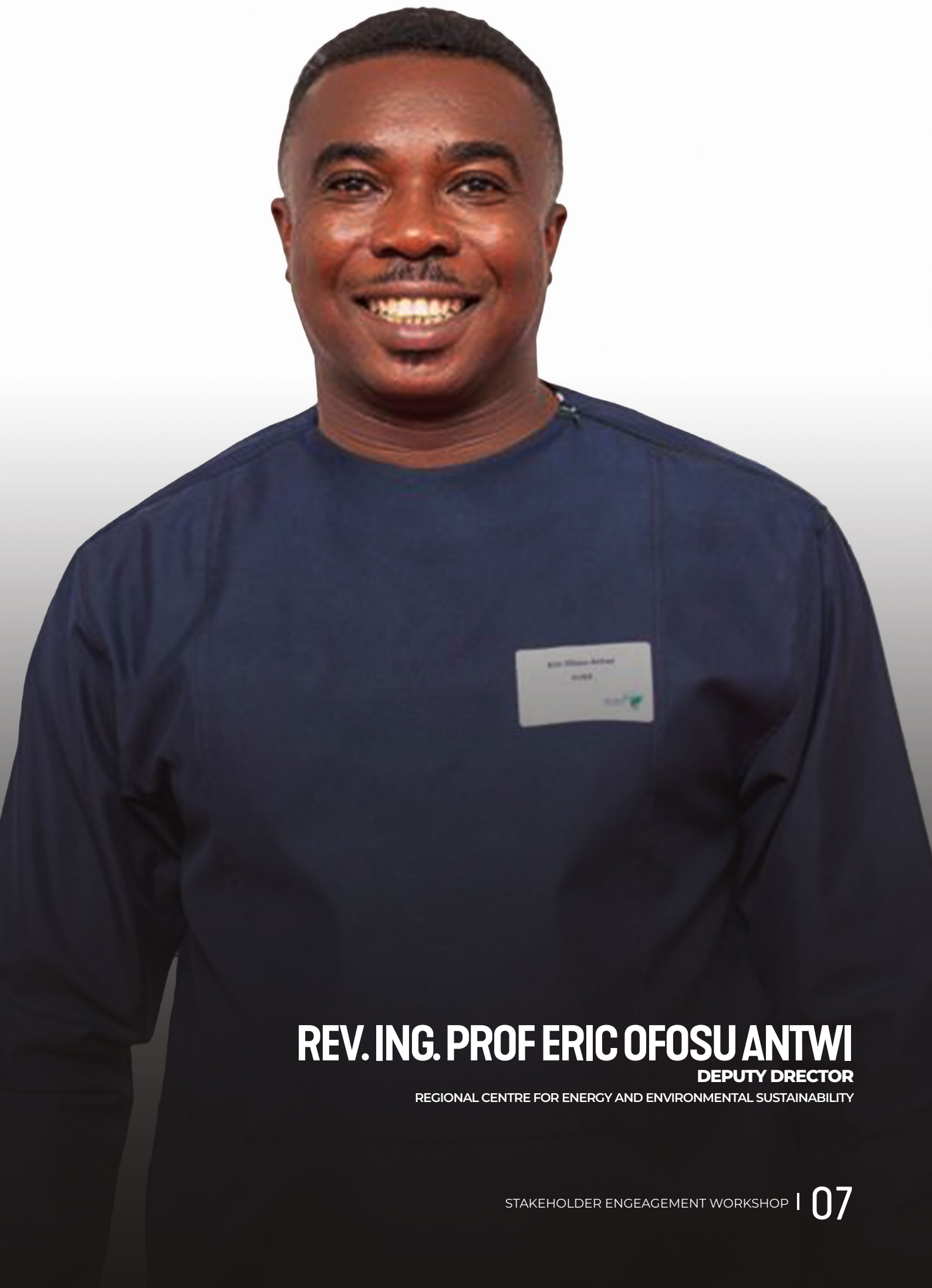
GOALS

To uphold and enhance our reputation for world-class teaching, research, and scholarship.
To ensure the financial sustainability and long-term growth of RCEES.

To recruit, nurture, and retain a diverse and talented staff and faculty, in alignment with our mandate.

To develop and maintain robust partnerships with industry and other vital stakeholders.

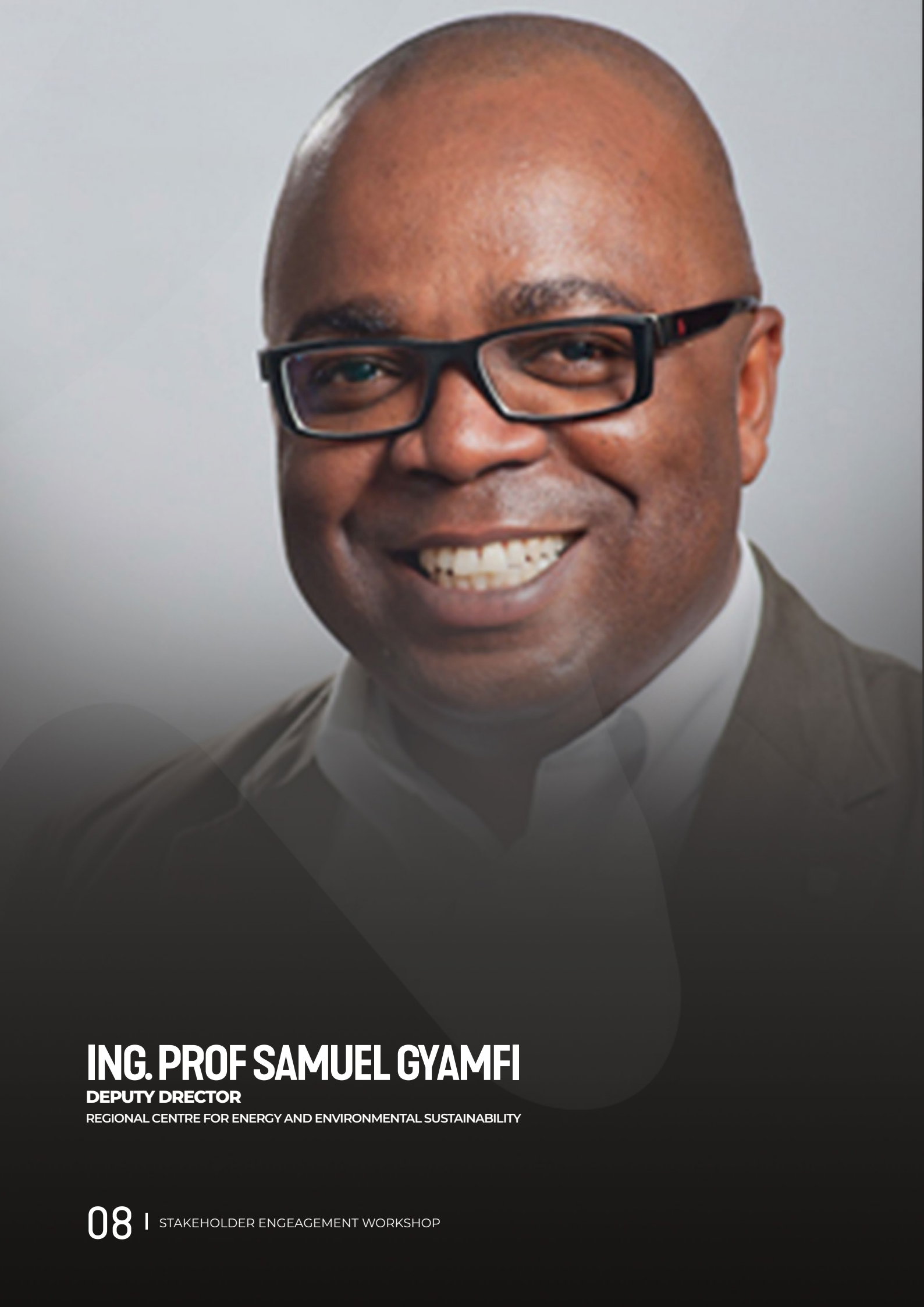




REV. ING. PROF ERIC OFOSU ANTWI

DEPUTY DIRECTOR

REGIONAL CENTRE FOR ENERGY AND ENVIRONMENTAL SUSTAINABILITY



ING. PROF SAMUEL GYAMFI

DEPUTY DIRECTOR

REGIONAL CENTRE FOR ENERGY AND ENVIRONMENTAL SUSTAINABILITY



OUR PROJECTS

REGIONAL CENTRE FOR ENERGY
ENVIRONMENTAL SUSTAINABILITY

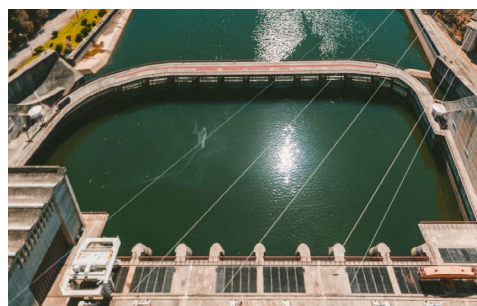


C - CODE

The C-CoDE project, under the Regional Centre for Energy and Environmental Sustainability, selects six African universities to establish digital education competence centers. It focuses on integrating digital teaching methods to improve educational quality and student skills. Involved universities include institutions from Nigeria, Ghana, Burkina Faso, and Benin. The project emphasizes training faculty and staff, aiming to pool digital education resources across these universities.

SUSTAINDAM

The SUSTAINDAM project focuses on sustainable management and planning of hydropower generation in West Africa, considering climate uncertainties and land use/land cover (LULC) dynamics. It aims to build communities of practice among High-Performance Computing (HPC) stakeholders, including dam managers, policymakers, civil society representatives, and women's associations. The project addresses the interrelated challenges and trade-offs in the climate, land, energy, and water nexus in West Africa.



UNEP NDC ACTION PROJECT

The UNEP NDC Action Project, implemented by the Regional Centre for Energy and Environmental Sustainability (RCEES) in Ghana, focuses on advancing solar-powered irrigation systems. This project aligns with Ghana's Nationally Determined Contributions (NDCs) to combat climate change, promoting sustainable agriculture and renewable energy. It aims to reduce greenhouse gas emissions and increase climate resilience in the agricultural sector. The initiative is part of Ghana's broader efforts to meet its commitments under the Paris Agreement.

SPIS

The SPIS (Solar-Powered Irrigation Systems) project, a collaborative effort by GiZ and Ghana's Ministry of Energy, is part of the "Green People's Energy" initiative. This project aims to transform agricultural productivity in Ghana by introducing decentralized renewable energy solutions. It focuses on improving conditions for rural energy supply, supporting the adoption of sustainable renewable energy technologies, and promoting skilled worker development for SPIS. Key impacts include enhancing access to decentralized renewable energy for businesses and social institutions and encouraging investment in these energy systems.



MONAL E-MOBILITY

The MoNaL project, a joint initiative by Ghana's UENR and Germany's Bochum University, aims to enhance sustainable mobility through e-bikes. It focuses on eco-friendly transportation solutions to mitigate environmental pollution, covering the full vehicle lifecycle from production to recycling. The project's pilot phase in Ghana tests e-moped and cargo bike rental systems, involving both public and private sectors to ensure long-term sustainability.

SESC

The SESC project in Ghana, funded by the U.S. Millennium Challenge Corporation, aims to establish Sustainable Energy Services Centres to improve energy efficiency. Partnering with tertiary institutions like the University of Energy and Natural Resources, the project focuses on capacity building in energy auditing. Its objectives are to boost private sector investment, create job opportunities, and increase earning potential through enhanced energy savings in both public and private sectors



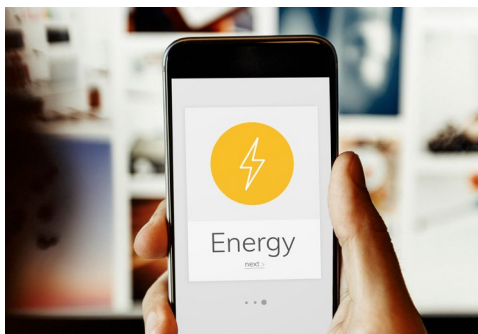
PROREG

The ProREG project, led by Technische Universität Berlin in collaboration with Ghanaian universities and corporate partners, aims to enhance the relevance of renewable energy education in Ghana. It addresses the issue of graduates requiring extensive training for effective employment in the renewable energy sector, with goals to align education more closely with industry needs

CHINA SOUTH-SOUTH

The China South-South project, part of the South-South Cooperation initiative, supports climate change mitigation in developing countries through energy-efficient and renewable energy technologies. Ghana's University of Energy and Natural Resources received resources like solar street lights and solar home systems. The project emphasizes training programs for installation and maintenance of these systems, benefiting various community institutions and training over 300 UENR students and technicians from other universities





TEA - LP

The TEA-LP project, involving Ghana's University of Energy and Natural Resources, focuses on expanding southern expertise in energy access. It offers courses on Local Solutions for Energy Access, Mini-grids, and Off-Grid Appliances, aiming to equip students with practical skills for sustainable energy solutions, particularly in off-grid areas. The program is student-centered, blending theoretical and practical learning with a focus on solar energy applications.

SCOPE PROJECT

Today, we gather not just as individuals, but as a community united by a shared vision: a vision of a harmonious relationship between humanity and our environment, a vision where responsible actions pave the way for a sustainable future. This workshop stands as a beacon of collaboration, knowledge exchange, and collective effort toward that very vision.

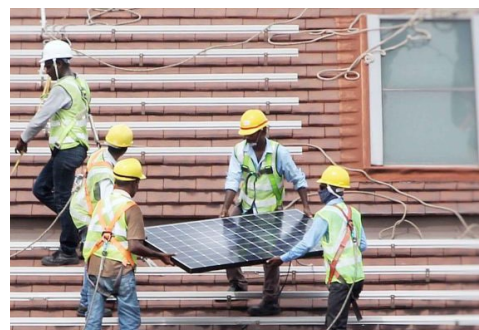


EPIC AFRICA

The EPIC Africa project focuses on managing the interplay of water, energy, and food resources in Sub-Saharan Africa, adopting a nexus approach to address climate change impacts. It facilitates collaborative research and partnerships across Africa, enhancing local expertise through training and educational events. The project aims to improve access to clean energy and food security, aligning with the UN's Sustainable Development Goals.

GENSTEAM

The Gendered Design in STEAM project in Ghana, highlighted on Carleton University's website, aims to promote gender-inclusive practices in Science, Technology, Engineering, Arts, and Mathematics (STEAM). It addresses the challenges faced by women and underrepresented groups in Ghana's STEAM sectors, fostering diversity and equity. By breaking down barriers and encouraging participation, the project strives to create a more inclusive STEAM environment, driving innovation and progress in the country.





AIMS AND OBJECTIVE BACKGROUND

AIMS OF THE WORKSHOP

The RCEES Stakeholder Engagement Workshop aims to identify regional energy and environmental challenges and promote innovative solutions. It serves as a nexus for fostering partnerships between academia, industry, government, and civil society. By showcasing successful case studies, it inspires actionable initiatives and encourages interdisciplinary dialogue. Through rigorous discussions, participants gain insights into cutting-edge technologies and policy developments. Crucially, the workshop facilitates a dynamic exchange of ideas, ensuring a holistic approach to problem-solving. It empowers participants with knowledge and networks, fostering sustained, collective efforts for a greener future. In essence, the workshop is a catalyst, propelling collaborative action towards lasting environmental sustainability.

CONFERENCE OBJECTIVES

1. Strengthen Academia-Public-Private partnership.
2. Showcase some of the research activities addressing society and industrial problems.
3. Industry to highlight some of their activities, technology development & advancement, and innovations.
4. Highlight some of the expectations of industry from academia.
5. Enable networking among Academia-Public-Private partnerships, and foster further cooperation

ORGANIZATIONAL DETAILS

Who can participate?

Representatives of public and private organizations within the Energy and Environmental Sector

Workshop costs

There is no participation fee for invited projects or other participants.

DAY 1 - ARRIVAL AND EVENT LAUNCH

WEDNESDAY, 28TH FEBRUARY 2024

12.00 am - 01.00 pm Registration and Networking

1.00 pm - 1.10 pm	Opening ceremony and Purpose of Gathering Welcome address by centre director Rev. Ing. Prof. Eric Ofosu Antwi
1.10 pm - 1.20 pm	Introduction of Stakeholders Master of Ceremony
1.20 pm - 1.30 pm	Welcome Address by University Leadership Vice Chancellor
1.30 pm - 1.40 pm	Solidarity Message from the World Bank Ing. Harold Eseku
1.40 pm - 2.10 pm	Presentation by Host Institution (RCEES) Ing. Prof. Eric Ofosu Antwi
2.10 pm - 2.25 pm	Q n A on RCEES Activities Prof. Samuel Gyamfi
2.25 pm - 3.00 pm	Presentation: Professional Education in Renewable Energy in Ghana PROREG
3.00 pm - 3.15 pm	Presentation: What Industry Expects from Academia Bui Power Authority
3.15 pm - 3.30 pm	Presentation: What Industry Expects from Graduates Zoomlion Ghana Limited
3.30 pm - 3.45 pm	Presentation: What Academia expects from Industry Prof. Francis Attiogbe / Prof William Oduro
3:45 pm - 4:30 pm	Panel Discussion (Industry needs and Challenges) Bui Power, PURC, Zoomlion, SPS
4:30 pm - 4:40 pm	Questions and Answers
4:40 pm - 5:00 pm	Exhibition - Innovation, Research and Products Display and Group Picture
5:00 pm - 5:10 pm	Closing

DAY 2

THURSDAY, 29 FEBRUARY 2024

8.15 am - 8.30 am **Recap and Key Learnings from Day 1**

8.30 am - 8.45 am **Presentation: Funding Opportunities for Research and Innovation**
GIZ

8.45 am - 9.00 am **Presentation: Funding Opportunities for Research and Innovation**
DAAD

9.00 am - 10.00 am **Panel Discussion: Building Effective Partnerships with Development Organizations**
GNPC, SWISS EMBASSY, DANIDA

10.00 am - 10.15 am **Questions and Answers**

10.15 am - 10.30 am **Coffee Break**

10.30 am - 10.45 am **Presentation: Effective Collaboration among academic and research institutions**
Osvaldo

10.45 pm - 11.45 am **Panel Discussion: Fostering Effective Collaboration among Academic and Research Institutions**
SRH Berlin, Brew Hammond Energy Centre, CSIR-WRI, RCEES, KsTU, Kite

11.45 am - 12.15 pm **Presentation: Building Entrepreneurship Mindset and Opportunities**
Prof. Shahid Qureshi (Gift University, Pakistan)

12.15 pm - 1.00 pm **Panel Discussion: Building Entrepreneurship Mindset and Opportunities**
Tino Solutions, Stella Futura, Solar Taxi, Safisana

1.00 pm - 2.00 pm **Lunch**

2.00 pm - 2.30 pm **Presentation: SUNFarming**
Erwin Hinojosa

2.30 pm - 3.00 pm **Presentation: Building Network of Experts in Renewable Energy**
PROREG

3:00 pm - 4.00 pm **Long Networking Break**

4.00 pm - 5.00 pm **Future Collaborations and Closing Remarks**

DAY 3 – ARRIVAL AND EVENT

