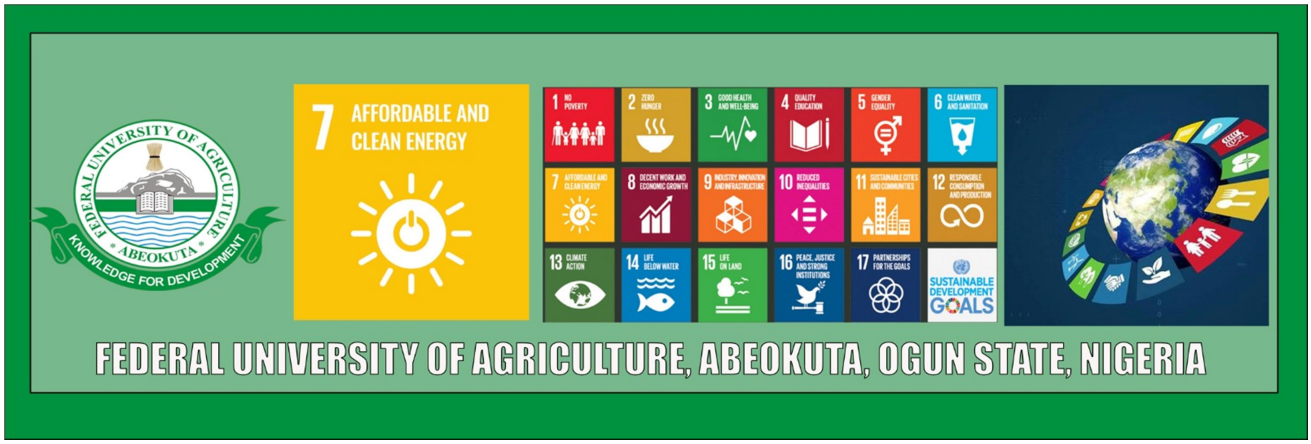
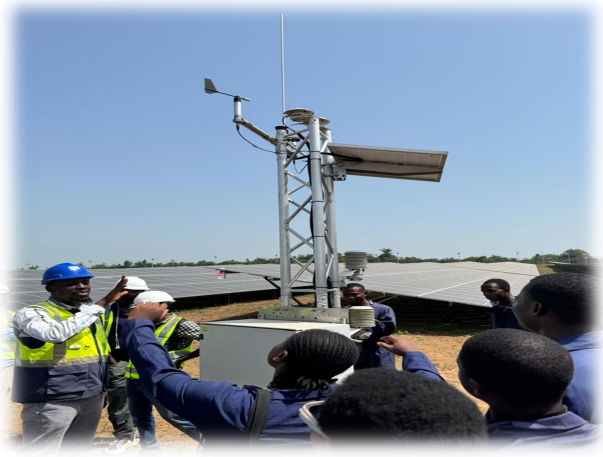








A - 2025/26 FUNAAB SDG7 ANNUAL PROGRESS REPORT

PREAMBLE

The Federal University of Agriculture, Abeokuta (FUNAAB) is committed to achieving Sustainable Development Goal SDG7, "Affordable and Clean Energy".

FUNAAB promotes the use of renewable energy sources such as solar from the 3MW project, wind, and later hydropower from the dam. These initiatives aim to provide clean and affordable energy solutions.

Our College of Engineering (COLENG) and College of Physical Sciences are at the front of training students in Renewable Rural Power Generation (GENCOs), Transmissions (TCN), Distribution (DISCO) and Utilization

CONTENT LINK

1. **FUNAAB Commissions 12 Electric Tricycles to Boost Green Mobility, Job Creation**

   https://funaab.edu.ng/funaab-commissions-12-electric-tricycles-to-boost-green-mobility-job-creation/

2. **From Campus Prototype to Global Stage: FUNAABite Takes Homegrown Agricultural Innovation to Germany**
   https://funaab.edu.ng/from-campus-prototype-to-global-stage-funaabite-takes-homegrown-agricultural-innovation-to-germany/
3. **From Roots to Innovation: FUNAAB Lights Up Bulbs with Bamboo, Celebrates Aadun at Indigenous Knowledge Launch**
   https://funaab.edu.ng/from-roots-to-innovation-funaab-lights-up-bulbs-with-bamboo-celebrates-aadun-at-indigenous-knowledge-launch/
4. **FUNAAB's Ceremonial, Ring Roads Now Glow at Night**
   https://funaab.edu.ng/funaabs-ceremonial-ring-roads-now-glow-at-night/
5. **FUNAAB Launches Intensive Solar Technology Training for 100 Engineering Students**
   https://thenigeriaeducationnews.com/2025/09/30/funaab-launches-intensive-solar-technology-training-for-100-engineering-students/
6. **FUNAAB moves to CNG, EVs as university pushes cleaner mobility**
   https://funaab.edu.ng/funaab-advances-cleaner-transportation-agenda-with-cng-ev-sensitisation/
7. **COPAFEU Hosts Workshop on Biogas Production, Sustainable Entrepreneurship at FUNAAB**
   https://funaab.edu.ng/copafeu-hosts-workshop-on-biogas-production-sustainable-entrepreneurship-at-funaab/

1. FUNAAB Commissions 12 Electric Tricycles to Boost Green Mobility, Job Creation

Last Updated **on September 30, 2026 by** **Olasunkanmi Olajide**

By Joy Adeyiga & David Johnson

The Federal University of Agriculture, Abeokuta (FUNAAB) has taken another significant step towards promoting sustainable transportation, campus mobility and economic empowerment with the commissioning of 12 new eco-friendly, zero-emission electric tricycles.

The tricycles, provided through a partnership between FUNAAB and House of Destiny Global Services Limited, were commissioned today, September 28, 2026, by the Vice-Chancellor, Prof. Babatunde Kehinde, alongside the Deputy Vice-Chancellor, Academic, Prof. Olusegun Idowu; Deputy Vice-Chancellor, Development, Prof. Olawale Dairo; other top University officials; and the Abeokuta Area Manager of House of Destiny Global Services Limited, Mr. Yomi Olajumoke.



The tricycles were enabled to provide convenient and sustainable transportation for students and staff, while contributing to the University's environmental sustainability agenda and creating opportunities for employment and income generation within the University Community.

Speaking during the commissioning, the Vice-Chancellor commended House of Destiny Global Services Limited for the partnership, describing the initiative as a welcome development that

would support cleaner campus mobility while easing transportation challenges within and around the University.

Prof. Kehinde noted that the deployment of electric tricycles was consistent with the growing global emphasis on environmentally responsible transportation, stressing that the initiative would contribute to a cleaner, healthier and more sustainable campus environment.



He charged the operators to place a high premium on safety, responsible driving and consideration for the University environment, particularly the safety and convenience of students and other members of the University Community.

Prof. Kehinde expressed optimism that the initiative would serve as a foundation for a more robust partnership between FUNAAB and House of Destiny Global Services Limited, with the possibility of expanding the collaboration to include the introduction of other electric vehicles for use within the University Community.

Beyond transportation, the scheme is expected to provide the University with an additional avenue for sustainable internally generated revenue, while creating direct employment opportunities for operators and other beneficiaries within and around the University.



FUNAAB BULLETIN

The electric tricycles are powered entirely by electricity and produce no exhaust emissions, thereby eliminating smoke and reducing noise pollution associated with conventional fuel-powered transportation. Their deployment is therefore expected to support FUNAAB's commitment to environmental responsibility and sustainable development.

The commissioning ceremony culminated in a test ride of the electric tricycles by the Vice-Chancellor and other officials, providing a practical demonstration of the new mobility solution.

2. From Campus Prototype to Global Stage: FUNAABite Takes Homegrown Agricultural Innovation to Germany

Published On: March 25, 2026



Last Updated on April 1, 2026 by Olasunkanmi Olajide

In a quiet corner of southwestern Nigeria, at the Federal University of Agriculture, Abeokuta, a final-year Engineering Student has begun to redraw the map of possibilities for sustainable agriculture. Mr. Adeboye Oluwagbemiga, a 500-level student in the Department of Agricultural and Bio-Resources Engineering, College of Engineering (COLENG), FUNAAB, is not just preparing to graduate, he is preparing to take a homegrown solution to one of agriculture's oldest challenges onto the global stage. His innovation, born from local realities of post-harvest losses and energy scarcity, has now earned him an international scholarship to Germany, placing him among a new generation of African innovators shaping the future of food systems.

In an in-depth interview with the duo of *Olasunkanmi Olajide and Femi Dansu of FUNAAB Bulletin,* Adeboye spoke with quiet conviction about a journey that began not in a laboratory, but in a training room. A workshop hosted by the 720 Degree Innovation Hub became the turning point, equipping him with the tools to translate ideas into viable solutions. What followed was a defining moment in November 2025, when he stood before peers and mentors at a university innovation showcase and presented a concept that would soon attract global attention.

That concept, HybriDry, a hybrid drying system for agricultural products, is deceptively simple yet deeply impactful. Designed as a solar-biomass solution, it combines renewable solar energy with biogas generated from agricultural and household waste, including cow dung and poultry droppings. In regions where unreliable electricity and post-harvest spoilage threaten livelihoods, HybriDry offers a sustainable, low-cost method to preserve crops, extending shelf life while reducing environmental impact.

With an initial grant of ₦200,000, Adeboye built a working prototype, proof that innovation does not always require abundant resources, but rather clarity of purpose. That prototype would go on to compete in the Global Sustainability Challenge, drawing entries from across Asia and Africa. Emerging as one of the finalists, he secured the opportunity to represent both Nigeria and FUNAAB at the competition's final stage in Germany, scheduled for April 2026.

While his physical prototype remains in Nigeria, his ideas have already crossed borders. Detailed technical reports and presentations submitted to the organisers would carry the essence of his work to an international panel, where innovation is judged not only by sophistication, but by relevance and scalability.

His momentum does not end there. From over 30,000 applicants across nearly 40 Nigerian universities, Adeboye has also been selected among 65 finalists for the Student Venture Capital Grant, a highly competitive programme by Nigeria's Federal Ministry of Education aimed at nurturing student-led innovation. The next phase, to be held in Lagos, could provide the funding needed to scale HybriDry from prototype to widespread adoption.

Behind the accolades lies a story of discipline and multidimensional talent. Adeboye is as comfortable with engineering software like AutoCAD, Revit, and SolidWorks as he is with hands-on fabrication, having honed his skills through industrial training and real-world machining experience. He bridges the often-wide gap between design and execution, transforming digital concepts into physical systems.

Yet, his profile extends beyond engineering. As Team Lead of ECOSYNERGY, he champions sustainable innovation, while his work as a lifestyle photographer and creative professional reflects a rare fusion of technical precision and artistic vision. His leadership roles, including serving as Welfare Director of the Nigerian Institution of Agricultural Engineering Students' body at FUNAAB and his involvement in faith-based and community initiatives, paint the portrait of a young leader grounded in both purpose and service.

Recognition has followed his work. From winning the Best Pitch Prototype at the FUNAAB Career Fair to representing his University at the Stanford University-affiliated sustainability challenge, where HybriDry was spotlighted as a standout innovation, Adeboye's trajectory underscored the growing global relevance of student-led solutions from Africa.

For Adeboye, however, the mission remains personal. His work is rooted in the everyday struggles of smallholder farmers, those who lose significant portions of their harvest due to inadequate preservation methods. By aligning his innovation with global priorities such as clean

energy, responsible consumption, and climate action, he is not only solving local problems but contributing to universal goals.

As he prepares for Germany, he carries with him more than a project. He carries a narrative of resilience, ingenuity, and the quiet determination to prove that world-class innovation can emerge from any corner of the globe.

And to fellow students watching his journey unfold, his message is simple: consistency and hard work are not clichés, they are the foundation upon which global impact is built.

3. From Roots to Innovation: FUNAAB Lights Up Bulbs with Bamboo, Celebrates Aadun at Indigenous Knowledge Launch

Published On: July 22, 2025



Last Updated on July 23, 2025 by Olasunkanmi Olajide

By Olasunkanmi Olajide, Tofunmi Adebayo & Aduragbemi Oke

In a groundbreaking move that blends science, sustainability, and tradition, the Federal University of Agriculture, Abeokuta (FUNAAB) has featured a remarkable demonstration of the University's strides in renewable energy through bamboo technology, and the cultural revival of Aadun, a traditional snack. It also unveiled its Indigenous Knowledge Unit under the Institute of Food Security, Environmental Resources and Agricultural Research (IFSERAR).

The special exhibition, which marked the formal take-off of the Unit, was graced by the Vice-Chancellor, Prof. Babatunde Kehinde, who reaffirmed the University's commitment to sustainable development. He noted that FUNAAB's expansive land area with over 10,200 hectares, one of the largest among Nigerian universities, offers a unique opportunity to explore innovations that serve both academic advancement and community development.



FUNAAB IKS Facilitator, Prof. Samuel Oluwalana addressing guests at the event, while from the right are the Dean, COLPHYS, Prof. Adio Akinwale; DVC, Development, Prof. Olawale Dairo; VC, Prof. Babatunde Kehinde and the Director, IFSERAR, Prof. Olusegun Idowu

Commending Prof. Oluwalana's lifelong dedication to indigenous knowledge, the Vice-Chancellor expressed appreciation for his continued contributions, even after retirement, and urged him to keep leading the Unit's activities. He stressed the need to preserve, document, and transmit indigenous knowledge to future generations as a vital component of national development and innovation.

One of the event's highpoints was a live demonstration of electricity generation from bamboo roots, led by the pioneer Head of the Indigenous Knowledge Unit and the University's 72nd Inaugural Lecturer, Prof. Samuel Oluwalana. The experiment lit up several electric bulbs, showcasing bamboo's potential as a clean and renewable energy source.



... And the lights came on via bamboo technology

In another display of innovation, Prof. Oluwalana, a former Dean of Student Affairs, demonstrated the possibility of producing bamboo wine by injecting Fanta into a living bamboo stem, initiating a fermentation process expected to yield a detoxified, nutrient-rich wine within three months. He described bamboo as a botanical wonder with multifaceted applications, ranging from nutrition and energy to cultural and economic values, noting its unique flowering cycle that occurs only once in approximately 70 years.

Earlier in his Welcome Remarks, the Director of IFSERAR, Prof. Olusegun Idowu, described the occasion as a turning point in the effort to harness traditional wisdom for modern-day agricultural, environmental, and health solutions. He invited members of the University Community and the general public to explore the offerings of the new Unit, including bamboo wine and Aadun, for cultural celebrations and research purposes.



Guests at the event participated in a tasting session of Aadun, produced using indigenous methods, and witnessed firsthand the practical demonstration of bamboo-powered lighting, underscoring the fusion of tradition with technology.

Meanwhile, the University has achieved an uninterrupted power supply on campus via the 3MW Hybrid Solar Plant.

With this initiative, FUNAAB has continued to blaze the trail at the intersection of indigenous knowledge, scientific research, and sustainable development, reaffirming its leadership in innovation that is deeply rooted in cultural heritage.

























4. FUNAAB's Ceremonial, Ring Roads Now Glow at Night

Published On: March 26, 2025



Last Updated on April 2, 2025 by Olasunkanmi Olajide

By Olasunkanmi Olajide

In a significant infrastructural boost, the Federal University of Agriculture, Abeokuta (FUNAAB) has enhanced nighttime visibility and security on campus with the restoration of streetlights along the Ceremonial Road and Ring Road. This improvement is made possible by the 3MW Hybrid Solar Power initiative, reinforcing the University's commitment to sustainable energy solutions and campus safety.

The enhanced lighting ensures safer movement for students, staff, and visitors, making nighttime navigation more convenient while strengthening security measures. However, in line with efforts to conserve energy, staff and students have been urged to switch off electrical appliances when not in use in offices and lecture halls. Notably, as of 10 p.m. yesterday, lights and fans were still left on at the Anthony Anenih Lecture Theatre, despite the absence of students.

The University Management has continued to emphasise responsible energy use, urging the campus community to contribute to sustainability efforts. The improved lighting infrastructure not only enhances security but also aligns with FUNAAB's vision of maintaining a safe, eco-friendly, and well-equipped learning environment.

Meanwhile, the streetlights operate on an automatic system, switching on at dusk and turning off at dawn based on light sensitivity. This ensures uninterrupted illumination throughout the night while optimizing energy efficiency

Pictures and Videos are attached below





5. FUNAAB Launches Intensive Solar Technology Training for 100 Engineering Students

by **John Adeyemo**

September 30, 2025



The Federal University of Agriculture, Abeokuta (FUNAAB), has commenced a ground-breaking One-Month Intensive Training Programme in Solar Technology for 100 students of the College of Engineering (COLENG). The programme, which officially began on September 22, 2025, is a strategic initiative aimed at preparing students for the rapidly growing renewable energy sector while boosting national capacity in clean energy solutions.

The training is being coordinated by the university's Directorate of Works & Services in partnership with Messrs Eauxwell Nigeria Ltd., a key facilitator of the institution's landmark 3MW Solar Plant Project, awarded by the Rural Electrification Agency (REA). This collaboration underscores FUNAAB's resolve to integrate industry expertise with academic learning for the benefit of its students.

Speaking at the opening session, the immediate past Director of Works & Services, Engr. Olawole Akinyele, highlighted that the programme was carefully designed to combine theory with practice. He explained that the training would not only expose students to the basics of solar power generation but also provide them with hands-on technical experience, equipping them with skills that are in high demand in Nigeria's energy market.

6. FUNAAB moves to CNG, EVs as university pushes cleaner mobility

By : Benjamin Alade
Date: 30 September 2026 3:52pm WAT



The Federal University of Agriculture, Abeokuta (FUNAAB) is exploring the adoption of Compressed Natural Gas (CNG) and electric vehicles (EVs) as part of efforts to reduce transportation costs and promote cleaner mobility on its campus.
The move was disclosed during a CNG and EV sensitisation programme organised by SYD Mega System Limited in collaboration with the Senior Staff Association of Nigerian Universities (SSANU), Non-Academic Staff Union (NASU) and National Association of Academic Technologists (NAAT) at the university's NASU Secretariat.

Representing the Vice-Chancellor, Prof. Babatunde Kehinde, the Deputy Vice-Chancellor, Development, Prof. Olawale Dairo, said the university was examining ways to strengthen its transportation system through the acquisition and deployment of vehicles in partnership with strategic stakeholders.
Dairo said collaboration among stakeholders was critical to developing practical transportation solutions capable of improving mobility while reducing the environmental impact of conventional vehicles.

He noted that cleaner transportation was gaining traction in Nigeria, supported by government interventions aimed at promoting alternative fuels and more efficient mobility.
The Managing Director of SYD Mega System Limited, Adebayo Soyode, said the sensitisation was intended to improve understanding of CNG-powered vehicles, their benefits and practical applications.

According to him, rising petrol and transportation costs, alongside government efforts to expand the CNG ecosystem, have increased the relevance of alternative fuels to vehicle owners and operators.
Soyode said CNG could offer users lower fuel expenditure and operating costs, while potentially improving engine performance and contributing to longer engine life.

The Chairman of SSANU-FUNAAB, Olugbenga Alayode, described the programme as an opportunity for members of the university community to gain practical knowledge about emerging vehicle technologies.
Similarly, the Chairman of NASU-FUNAAB, Samson Edivri, said the transition from petrol-powered vehicles to alternatives such as CNG required adequate awareness of issues around safety, efficiency, environmental sustainability and economic opportunities.

In a goodwill message, the Executive Chairman and Chief Executive Officer of the Presidential Initiative on Compressed Natural Gas and Electric Vehicles, Ismaeel Ahmed, represented by Engr. Joseph Igana, said the shift towards alternative energy was becoming increasingly important to Nigeria's transport and economic development.
Ahmed disclosed that CNG operations had been activated in 28 states, with more than 120,000 vehicles and tricycles converted.

He added that the number of active CNG refuelling stations had risen from 11 at the start of the programme to more than 90, while more than 400 accredited conversion centres were operating across the country.
According to him, more than 8,000 CNG technicians have been trained and certified, while the sector has generated over 100,000 direct and indirect jobs.

Ahmed urged FUNAAB to participate in the campus conversion partnership by converting its shuttle buses to CNG and training engineering students as certified CNG technicians.
He said such a model could position the university as a CNG-enabled institution where academic training, technical skills development and cleaner transportation are integrated.

The initiative comes as Nigerian universities and other institutions increasingly explore alternative-fuel vehicles amid efforts to lower mobility costs and expand the country's CNG and EV ecosystem.





To ensure smooth participation, the training has been strategically divided into **two batches of 50 students each**. This structure ensures that all 100 participants receive personalized attention and adequate exposure to the training modules. According to the organisers, this approach guarantees quality delivery without overwhelming either the facilitators or the students.

Each batch will undergo a **two-week intensive programme**, with classes running in **two daily shifts**—Morning sessions from **9:00 a.m. to 11:00 a.m.** and Evening sessions from **4:00 p.m. to 6:00 p.m.** This dual-shift arrangement was deliberately chosen to prevent clashes with students' regular academic activities, allowing them to balance coursework with the training.

The training modules are expected to cover a broad range of topics including **solar energy fundamentals, system design, installation techniques, maintenance practices, and safety protocols**. Students will also be exposed to practical sessions on how to handle tools, assemble solar panels, and troubleshoot common technical issues associated with solar power systems.

Beyond technical skills, the programme is tailored to instill in students a deeper appreciation of **sustainable energy solutions** and their role in addressing Nigeria's perennial electricity challenges. By embedding this knowledge in young engineers, FUNAAB aims to produce graduates who are not only employable but also capable of providing innovative solutions to the country's energy crisis.

The initiative has also been lauded as a forward-looking response to the global shift towards renewable energy adoption. According to experts, Nigeria's energy sector is undergoing significant transformation, and the demand for skilled professionals in solar technology is projected to rise steadily over the next decade. FUNAAB's investment in this training positions its students as front-runners in seizing these emerging opportunities.

Representatives of **Messrs Eauxwell Nigeria Ltd.** emphasized that their involvement goes beyond training facilitation. They noted that the company is keen on mentoring participants and possibly engaging the most outstanding students in future projects. This partnership model aligns academic development with industry relevance, bridging the gap between the classroom and the job market.

The **Rural Electrification Agency (REA)**, which awarded FUNAAB the 3MW Solar Plant Project, has also expressed support for the training programme. The REA noted that the success of renewable energy projects in Nigeria depends heavily on local human capital, making initiatives like this crucial to national development.

Students participating in the programme have expressed enthusiasm, describing it as an invaluable opportunity to gain exposure to real-life applications of their classroom knowledge. Many noted that such practical training is often missing in traditional engineering education, making the initiative both timely and impactful.

At the conclusion of the training, the 100 participating students are expected to graduate with **theoretical knowledge and hands-on competencies** in solar energy systems. This will not only enhance their employability but also enable them to contribute meaningfully to Nigeria's renewable energy drive, either as entrepreneurs or as professionals in the sector.

Ultimately, this solar training programme reflects FUNAAB's broader vision of becoming a leading institution in promoting **green technology, sustainable energy, and youth empowerment**. By equipping its students with 21st-century skills, the university is demonstrating its commitment to national development while simultaneously preparing its graduates for global relevance in the renewable energy space.

7. COPAFEU Hosts Workshop on Biogas Production, Sustainable Entrepreneurship at FUNAAB

Published On: February 12, 2025



Last Updated on February 18, 2025 by Olasunkanmi Olajide

By Olasunkanmi Olajide & Femi Dansu

The Co-Producing Knowledge on Sustainable Growth Through Service-Learning Pedagogy between African and European Higher Education Institutions (COPAFEU) has organised a One-Day Workshop on Biogas Production and Sustainable Entrepreneurship at the Federal University of Agriculture, Abeokuta (FUNAAB).



The Project Team Lead, Prof. Babatunde Bada addressing the participants of the Workshop

In his Welcome Address, the Vice-Chancellor, Prof. Babatunde Kehinde, underscored the urgent need to address climate change, resource depletion, and environmental degradation. Represented by the Director, Centre for Entrepreneurial Studies (CENTS), Prof. Emily Ayo-John, the Vice-Chancellor emphasised the role of biogas production as a renewable energy source and a sustainable business opportunity.

According to him, FUNAAB remains committed to research, innovation, and sustainability, in alignment with its vision as a centre of excellence in knowledge generation for global development and environmental sustainability. He further stated that collaboration was vital in advancing biogas technology and promoting eco-friendly enterprises.



Ogun State Hon. Commissioner for Environment, Hon. Ola Oresanya delivering his Keynote Address at the event

In the lead presentation, the Project Team Lead, Prof. Babatunde Bada, shed light on FUNAAB's strategic focus within COPAFEU, particularly in converting waste into biogas. He reiterated the University's core objectives of education, research, community engagement, and sustainable development.

The Workshop featured insightful presentations from notable speakers, including the Ogun State Honourable Commissioner for Environment, Hon. Ola Oresanya who spoke on Environmental Policy for Biogas Production.



A cross-section of participants at the event

Mrs. Abiola Sobukola, Programme Manager, Agricultural Development Programme, representing Ogun State Hon. Commissioner for Agriculture, Hon. Bolu Owotomo, delivered a paper on Biogas and Sustainable Processing of Agricultural Produce.

Dr. Sakirat Ibrahim, Ag. Director, Centre for Community-Based Farming Scheme (COBFAS), presented a paper on The Benefits of Biogas Enterprise to Farm Practical Year (FPY) Students, while Prof. Olusegun Oguntoke, Dean, College of Environmental Resources Management (COLERM), discussed the Economic and Social Benefits of a Biogas Center at the University.



Participants at the event

Dr. Adewale Taiwo, HOD, Environmental Management and Toxicology (EMT), spoke on the Environmental and Health Benefits of a Biogas Center at the University, while Prof. Emily Ayo-John delivered a paper on Sustainable Entrepreneurship.

The COPAFEU initiative aimed to enhance the capacity of Higher Education Institutions to equip graduates with entrepreneurial and employability skills while fostering sustainable local development.



VC's representative and the Director, Centre for Entrepreneurial Studies (CENTS), Prof. Emily Ayo-John with the Ogun State Hon. Commissioner for Environment, Hon. Ola Oresanya, other Facilitators and participants after the Opening Ceremony of the Workshop

The workshop was well attended by students, faculty members, Deans, Directors, Professors, and Non-Teaching staff, all of whom gained valuable insights into the environmental, economic, and social benefits of biogas production.