



Afe Babalola
University
Ado-Ekiti, Nigeria

Impacting the Global Goals by DEGREEs (2022-2023)



**SUSTAINABLE
DEVELOPMENT GOALS**

Delivering Education for Global impact through Research Excellence and Engagement (DEGREEs)





**Afe Babalola
University
Ado-Ekiti**



Afe Babalola University: Impacting the Global Goals by **DEGREEs** 2022 to 2023 impact Outlook



Another **500 beneficiaries** impacted positively totalling 1500 beneficiaries through ABUAD Agric Entrepreneurship programs. **In 2022 there is 50% increase over year 2021**



With the expansion and upgrade of ABUAD farm with more crops and green houses, its agricultural yield and supply **increased by 48% in 2022 as against 29% in 2021**



Various community health programs, and student led health related activities **has increased by 45%** in 2021, however, there is a **65% increase in healthcare services in 2022.**



ABUAD has increased **scholarship allocation by 1000%** and has expended **about 10.1 billion Naira** on student scholarship and endowment donation in a bid to encourage access to affordable and quality education



Since the enactment and implementation of ABUAD Policy on sexual harassment, and gender-based advocacy, **Sexual harassment offences has reduced continued to reduces by 95% on ABUAD campus in 2022**



With over **30 boreholes, and 20 reservoirs** that serves over 10,000 people in the Afe Babalola community and environs. **The university has increased its water supply by 25% in 2021. In 2022, Dam has been constructed for better water reticulation**



Since the commissioning of the University's Independent Power project (IPP) in 2021, ABUAD, in 2022, increased energy production through Hydro and Solar thereby making the university energy supply increased **to 5 gigajoule which are purely renewable with 85% reduction in wastage.**



In 2022, ABUAD has continued to remain the **highest employer of labour in private sector** Ekiti State Nigeria.



Since the inauguration of the ABUAD Industrial Park in 2022, **ABUAD industrial factories has increased by 76%**



Research on inequalities among countries has **increased by 25%** within the period under review and increase over year 2021.



Through ABUAD **CSR increased effort** ABUAD has been responsible for the maintenance of Ijan-Ikare Road, in Ado-Ekiti including the 100-year old Ureje Bridge on a Federal road in Ado-Ekiti. **Rural Electrification of Community and Ago Aduloju in 2022.**



The University has made conscious effort to **reduce energy consumption by 78% in 2022**



By collaboration with various external organisations and internal efforts by climate groups campus, climate change mitigation actions and weariness has **increased by 85% in 2022**



There is 25% **increase in research** focusing on sustainably use of the oceans, seas and marine resources in 2022.



ABUAD beautiful campus landscape continues to serenades with about **65% green space, including over 100,650 trees. Over 650 trees planted in 2022 thereby** indicating 200% over the previous year 2021



In promoting peace and justice, ABUAD Law and Community Legal Clinic, in 2022, has continued to **offer sensitization and free legal services** to students from low income household and alleged offenders illegally detained in Police custody by counselling them. **The impact is 66% better than previous year 2021**



There is a **significant increase in collaboration and partnership.** ABUAD hosted and co-hosted over twelve (12) SDGs related workshops and conference in collaboration with other organisations within and outside Nigeria **in 2022 which shows about 15% increase over the previous year 2021. We established partnership with King's College, London, John Hopkins Hospital, USA and Trinity Western University, Canada in 2022. We have continued with all the existing partnerships in 2022**

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ABUAD 2022 Key Statistics



- Enrolment :- **9660**
- Staff Capacity: **1670**
- Female /Male Ratio :- **57:43**
- Land Mass :- **13,000,000m²**
- Campus Building Floor Space:- **2,940,000m²**
- % of International Students :- **1%**
- %of International Staff :- **4%**
- No of Students per Staff :- **11.1**
- Total Income in Naira :- **23,819,900,500.00**
- Vote for Sustainability Project in Naira:- **9,485,623,000.00**
- Vote for Research and Development in Naira:- **5,573,384,000.00**
- Number of Courses with Sustainability:- **139 (100%)**
- Total Energy Consumed: **5 Gigajoule**
- Total Energy from Low Carbon Resources:- **5 Gigajoule**
- ABUAD Waste Recycling Management Effort :- **100%**
- Total Vote on educational endowment, Scholarship, Bursaries, Prizes and Awards in Naira (2012 - 2022) :- **N10,609,000,000.00 (10.609 Billion Naira)**

AFE BABALOLA UNIVERSITY 2022 KEY FACTS



OVER **1300** HECTARES OF LAND, an INDUSTRIAL PARK, RESIDENTIAL & HOSPITAL SITES

60% GREEN SPACE, INCLUDING OVER

100,650 TREES

11,500 TOTAL STUDENTS

70% UNDERGRADUATE STUDENTS AND

25% POSTGRADUATE

100% UNDERGRADUATES AND POSTGRADUATES HAVE ACCESS TO SDG-RELATED MODULES

Recipient of the UNESCO Chair in Entrepreneurship Education for Sustainable Development(2019)

Recipient of the UNESCO Chair on Peace and Citizenship (2020)

Home to the [*Journal of Sustainable Development Law and Policy*](#)





ABUAD SDGS FOCUS 2022-2023



Located in the calm and serene beautiful city of Ado-Ekiti, Ekiti State, Afe Babalola University (ABUAD) is well-known for its strides in research, agriculture, healthcare and quality education.

ABUAD was established in 2009 by Nigeria's Eminent and Highly Decorated Lawyer, Farmer, Economist, Philanthropist, Educationist, Reformer, Trailblazer, Transformational Leader and Recipient of African Man of the Year for Food Security in 2014, the prestigious Chief Obafemi Awolowo Prize for Leadership, **Ambassador Aare Emmanuel Afe Babalola OFR, CON, SAN, FNIALS, FCI Arb, LL.D, D.Lit and LL.D** of London University.

In just about 10 years of existence, ABUAD has won several national and international awards and recognition as a reference point, benchmark and the fastest growing University in Nigeria and Africa.

THE SUSTAINABLE DEVELOPMENT GOALS

ABUAD AND THE SDGS

ABUAD's contribution to the SDGs has been mapped using a varied methodology (see appendix). This Report gives a strong indication of our academic strengths and the focus of each work area.

Whilst we have a clear contribution to each goal through our teaching, research and operations, the top four Goals ABUAD's combined academic work contributes to are:

Some of the leading research work done at the ABUAD in areas of healthcare, agriculture, information technology and entrepreneurship have changed the world – much more than one could ever expect from a relatively young university.

ABUAD is committed to contributing to the UN Sustainable Development Goals, ABUAD has been recognized by the United Nations through two UNESCO Chairs: The UNESCO Chair in Entrepreneurship and Sustainable Development and the UNESCO Chair in Peace and Citizenship, amongst many other initiatives and SDG related projects in ABUAD

This report outlines the results of a year-long mapping exercise identifying our current academic and institutional contribution to the SDGs from 2022- 2023. It also highlights our operational and engagement activities aimed at further integrating the SDGs into every day University life.

ABUAD SDGS FOCUS 2022- 2023



**GOAL 1:
END POVERTY IN ALL ITS FORM EVERYWHERE**



**GOAL 7:
ENSURE ACCESS TO AFFORDABLE, RELIABLE,
SUSTAINABLE AND MODERN ENERGY FOR ALL**



**GOAL 13:
TAKE URGENT ACTION TO COMBAT CLIMATE CHANGE
AND ITS IMPACTS**



**GOAL 17:
STRENGTHEN THE MEANS OF IMPLEMENTATION AND
REVITALIZE THE GLOBAL PARTNERSHIP FOR
SUSTAINABLE DEVELOPMENT**



ENSURE ACCESS TO AFFORDABLE, RELIABLE,
SUSTAINABLE AND MODERN ENERGY FOR ALL



TEACHING

2 modules with direct ILOs

295 students who could choose modules



INTRODUCTION:

Afe Babalola University, Ado-Ekiti (ABUAD) has been at the forefront of promoting Sustainable Development Goal 7, which aims to ensure access to affordable, reliable, sustainable, and modern energy for all. This report provides a comprehensive overview of ABUAD's initiatives and achievements in the field of renewable energy, reflecting the university's commitment to environmental sustainability and energy efficiency.

2022 WEBINAR ON RENEWABLE ENERGY

On July 15th, 2022, ABUAD hosted a pivotal webinar titled "Renewable Energy: Sources and Benefits to Mankind," led by Dr. Ayodeji Salau and Dr. A. Badmus. The online lecture explored the array of renewable energy sources and their significance to global sustainable development. The session emphasized the crucial role of clean energy in combating climate change and its benefits to human society, aligning with the United Nations Sustainable Goals.





2022 INTERNATIONAL CONFERENCE ON CLEAN ENERGY (ICCEA)

The ABUAD Hydrogen Research Institute hosted the landmark International Conference on Clean Energy (ICCEA). Renowned for its research in hydrogen energy, the institute facilitated a gathering of global academics, yielding approximately 100 scholarly papers. The conference's interdisciplinary approach significantly contributed to the academic and practical evolution in clean energy research.

4. INDEPENDENT POWER PROJECT (IPP)

In its bid to secure sustainable energy solutions, ABUAD launched a 2.5-megawatt gas-powered Independent Power Project (IPP) in 2021, complemented by a 0.1-megawatt solar power installation. This initiative provides continuous, affordable, and cleaner energy to the university and its neighboring communities, setting a benchmark in Nigeria, where power supply is notoriously erratic and unreliable.



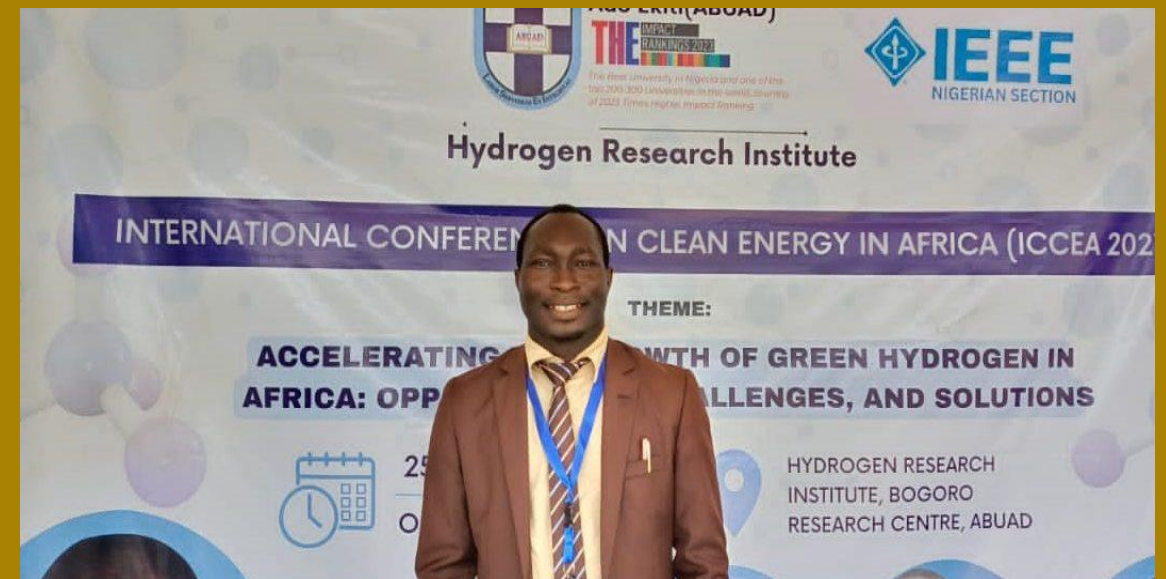
5. ENERGY CONSERVATION AND RENEWABLE PROGRAMME

ABUAD has been proactive in executing its Energy Conservation Plan, focusing on the judicious use of energy resources. The university has embarked on a journey towards 100% reliance on renewable energy. As an initial step, the ABUAD Security buildings have transitioned to being powered entirely by solar energy, showcasing the institution's dedication to sustainable practices.



CONCLUSION

ABUAD's commitment to sustainable energy is reflected in its strategic initiatives, including educational webinars, international conferences, an independent power project, and a robust energy conservation plan. These efforts underscore the institution's leadership role in promoting renewable energy sources and technologies. The university's continuous push towards energy sustainability serves as an inspirational model for other institutions in Nigeria and across the globe.





METHODOLOGY

Data were collected at the end of the 2022/2023 academic year in four categories; teaching, research, strategy & operations and community & public engagement. Due to data constraints, only teaching and research results have been fully reported here.

TEACHING

As part of a wider Curriculum Transformation (CT) project, an audit was carried out to identify existing sustainability-related teaching and opportunities to incorporate more Education

for Sustainability (ESD) within the curriculum. Intended learning outcomes (ILO's) were specifically used to identify what students should know or be able to do by the end of the module. The ILOs had to engage with any of the United Nations Sustainable Development Goals or with our transferable skills network (TSF).

Modules have been identified that contain teaching relating to the UN's 17 SDGs – both core and optional modules. We have only been able to use the ILO's as a reference to see whether the module contains the SDGs and, as they are brief, it is hard to ascertain which specific ones they contain. For example, when the environmental issues are mentioned we assumed that SDGs 13, 14 and 15 are included but this could include elements of renewable energy etc.

RESEARCH

Mapping the institution's research was difficult as there is no current or standardized method to capture all the related research. Firstly, lists of keywords relating to the 17 different SDGs were created using keywords and query related to specific SDG Goals drawn from wide range of reference.

Research publications from the last 11 years (2012-2022) were mapped using query codes, including keywords relating to each SDG, to search for keywords within publication titles, abstract and keywords in the Scopus online database.



<https://abuad.edu.ng>
<https://sdg.abuad.edu.ng>

