



THOMAS ADEWUMI
UNIVERSITY,
OKO, KWARA STATE
Science | Technology | Medicine

TAU AND HER DRIVE TOWARDS ACHIEVING SUSTAINABLE DEVELOPMENT GOALS (SDGs)

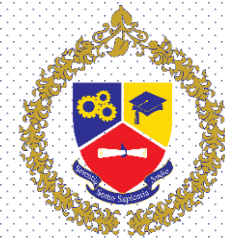
TAU Research Hub (TAURH)
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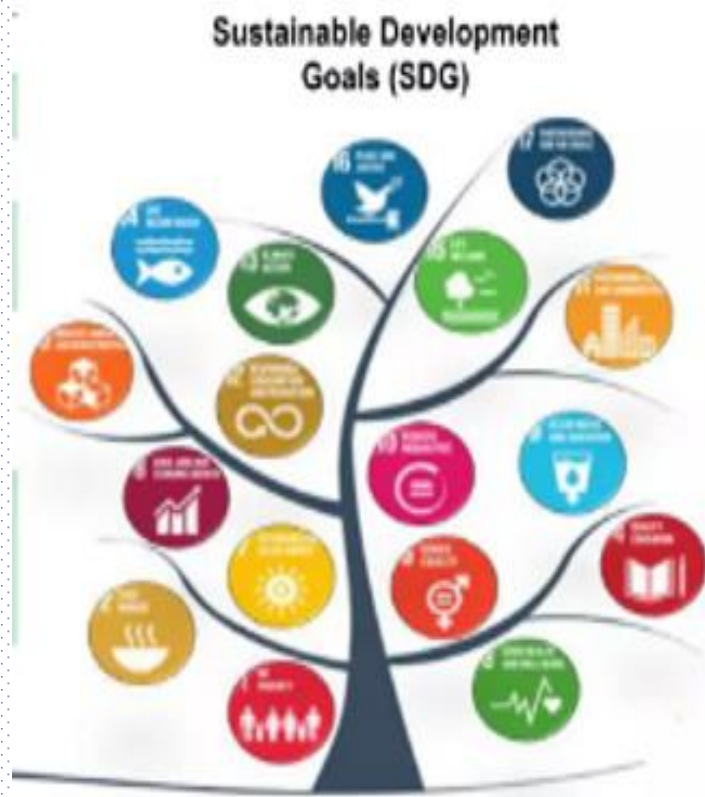
A Presentation delivered at the
Monthly Capacity Building Lecture
Series for all TAU Academic Staff by
Adekemi T. Dahunsi
(**Director, DRIPDEV-TAU**)

September 6, 2023

SUSTAINABLE DEVELOPMENT GOALS



- The United Nations Assembly set up SUSTAINABLE development Goals in the year 2015 which are intended to be achieved by the year 2030 by all the countries.
- These sustainable goals help in building sustainable communities, promoting better use of resources, eliminating hunger and inequality, and in ensuring social and environmental sustainability.





SUSTAINABLE DEVELOPMENT GOALS

1 NO POVERTY



2 ZERO HUNGER



3 GOOD HEALTH AND WELL-BEING



4 QUALITY EDUCATION



5 GENDER EQUALITY



6 CLEAN WATER AND SANITATION



7 AFFORDABLE AND CLEAN ENERGY



8 DECENT WORK AND ECONOMIC GROWTH



9 INDUSTRY, INNOVATION AND INFRASTRUCTURE



10 REDUCED INEQUALITIES



11 SUSTAINABLE CITIES AND COMMUNITIES



12 RESPONSIBLE CONSUMPTION AND PRODUCTION



13 CLIMATE ACTION



14 LIFE BELOW WATER



15 LIFE ON LAND



16 PEACE, JUSTICE AND STRONG INSTITUTIONS



17 PARTNERSHIPS FOR THE GOALS



SDGs PILLARS



PEOPLE



PLANET



PROSPERITY



PEACE



PARTNERSHIP

DIMENSIONS OF SUSTAINABLE DEVELOPMENT

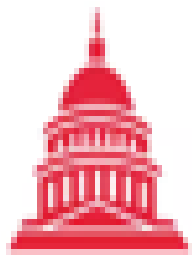


3 DIMENSIONS OF SDGs





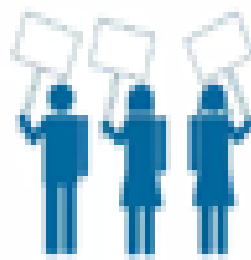
FOR THE GOALS TO BE REACHED, EVERYONE NEEDS TO DO THEIR PART!!!!



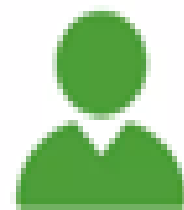
Governments



Private sector



Civil society



People like you



ROLES OF TAU RESEARCHERS IN REALIZATION OF THE SDGs



- **Teaching**
- **Collaborative and Interdisciplinary Research**
- **Evidence-based knowledge**
- **Advocacy**



1 NO POVERTY



END POVERTY IN ALL ITS FORMS EVERYWHERE

• Goal 1:

*** Rising inflation and the impacts of the war**

- **Eradicating poverty by conducting research on poverty-related issues**
- **Developing innovative solutions, and providing education and training opportunities for marginalized communities.**
- **Promoting social entrepreneurship initiatives which focuses on poverty alleviation.**



#1: End poverty in all its forms everywhere

2 ZERO HUNGER



SUSTAINABLE DEVELOPMENT GOALS



END HUNGER, ACHIEVE FOOD SECURITY AND IMPROVED NUTRITION AND PROMOTE SUSTAINABLE AGRICULTURE

• Goal 2:

***The world is on the verge of a global food crisis, with a rising number of people experiencing hunger and food insecurity.**

- **Through research, universities can enhance agricultural practices, promote sustainable farming techniques, and develop improved food storage and distribution systems.**
- **They can collaborate with local communities to provide nutritional education and support initiatives addressing hunger and malnutrition**



After leaving an information technology job in Nairobi, Alex returned to his rural roots to run a farm. He now trains other youths on good agricultural practices.

3 GOOD HEALTH AND WELL-BEING



3 GOOD HEALTH AND WELL-BEING



ENSURE HEALTHY LIVES AND PROMOTE WELL-BEING FOR ALL AT ALL AGES

- Goal 3:

***The pandemic has severely disrupted essential health services, triggered an increase in the prevalence of anxiety and depression, lowered global life expectancy**

- **Universities play a vital role in advancing healthcare systems**
- **Training healthcare professionals, and promoting preventive healthcare measures.**
- **Mental health awareness and well-being programs within the campuses and communities.**



During the pandemic, health workers – already in short supply – became even scarcer. In countries worldwide, nurse-midwives have been working in hospitals around the clock, often with limited personal protective equipment.

4 QUALITY EDUCATION



4 QUALITY EDUCATION



ENSURE INCLUSIVE AND EQUITABLE QUALITY EDUCATION AND PROMOTE LIFELONG LEARNING OPPORTUNITIES FOR ALL

Goal 4:

*** School closures have had worrisome consequences for children's learning and well-being, particularly for girls and those who are disadvantaged, including children with disabilities, rural dwellers and ethnic minorities.**

- **Provision of quality education and training opportunities.**
- **Enhancing access to education, develop inclusive teaching methods, and support lifelong learning initiatives.**
- **Research on innovative educational technologies to enhance learning outcomes**





ACHIEVE GENDER EQUALITY AND
EMPOWER ALL WOMEN AND GIRLS

- Goal 5:

***Women's health services, already poorly funded, have faced major disruptions. Child marriage and female genital mutilation are persistent human rights violations. Violence against women and girls is found in all countries and affects women of all ages.**

- **Universities can actively promote gender equality by establishing policies that ensure equal opportunities for all genders.**
- **Conducting researches on gender-related issues, raise awareness, and provide support systems for marginalized genders.**



ENSURE AVAILABILITY AND SUSTAINABLE MANAGEMENT OF WATER AND SANITATION FOR ALL

• Goal 6:

*** Demand for water is rising due to rapid population growth, urbanization and increasing pressure from agriculture, industry and the energy sector in turn, affects human health, economic activities, and food and energy supplies.**

- **Universities can contribute to sustainable water management through research on water conservation, purification techniques, and wastewater treatment.**
- **Raising awareness about the importance of clean water and sanitation practices and support local communities in accessing safe water sources**



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

- Goal 7:

- *** Hundreds of millions of people still lack access to electricity, and slow progress towards clean cooking solutions**

- **Renewable energy research on clean energy technologies, developing sustainable energy solutions, and promoting energy efficiency practices.**
- **Educating students on energy conservation and support renewable energy adoption in our campuses**

8

DECENT WORK AND
ECONOMIC GROWTH



SUSTAINABLE DEVELOPMENT GOALS



8

DECENT WORK AND
ECONOMIC GROWTH



PROMOTE SUSTAINED, INCLUSIVE AND SUSTAINABLE ECONOMIC GROWTH,
FULL AND PRODUCTIVE EMPLOYMENT AND DECENT WORK FOR ALL

• Goal 8:

- * Developed economies are experiencing a more robust recovery, while LDCs continue to struggle with weak economic growth and labour market fallout due to workplace closures. Many small firms, particularly those in low- and lower-middle-income countries, are especially disadvantaged, with limited capacity to remain viable**
- Through research and entrepreneurship programs, universities can foster innovation, promote sustainable business practices, and support the growth of small and medium-sized enterprises.**
- Career development services, internships, and mentorship programs to enhance employment prospects for students**



BUILD RESILIENT INFRASTRUCTURE, PROMOTE INCLUSIVE AND
SUSTAINABLE INDUSTRIALIZATION AND FOSTER INNOVATION

- Goal 9:

***Small-scale enterprises were hit hard by the pandemic, and many collapsed**

- **Universities as hubs of innovation and can contribute to technological advancements and infrastructure development.**
- **Collaboration with industries, Government agencies, and communities to address infrastructure challenges, promote sustainable practices, and drive economic growth through innovation**



- Goal 10:
- **Universities can actively work towards reducing inequalities by promoting diversity and inclusion, providing scholarships for underprivileged students.**
- **Conducting research on social and economic disparities.**
- **Supporting community initiatives that aim to bridge the inequality gap**



11 SUSTAINABLE CITIES AND COMMUNITIES

MAKE CITIES AND HUMAN SETTLEMENTS INCLUSIVE, SAFE, RESILIENT AND SUSTAINABLE

- Goal 11:
- **Universities can play a crucial role in promoting sustainable urban development by conducting research on urban planning, smart cities, and sustainable transportation systems.**
- **Collaborating with local governments to address urban challenges and support community-led initiatives for sustainable development**

12 RESPONSIBLE CONSUMPTION AND PRODUCTION



ENSURE SUSTAINABLE CONSUMPTION AND PRODUCTION PATTERNS

- **By integrating sustainability principles into their operations, universities can serve as models for responsible consumption and production.**
- **Recycling and reduction of waste**
- **Sustainability into their procurement and supply chain practices.**



13 CLIMATE ACTION



TAKE URGENT ACTION TO COMBAT CLIMATE CHANGE AND ITS IMPACTS

- Goal 13:
- **Universities can contribute to climate action by conducting research on climate change, developing climate adaptation and mitigation strategies, and raising awareness about the importance of environmental conservation.**
- **Reduction of carbon footprint by implementing sustainable practices on their campuses**

14 LIFE
BELOW WATER



SUSTAINABLE DEVELOPMENT GOALS



CONSERVE AND SUSTAINABLY USE THE OCEANS, SEA AND
MARINE RESOURCES FOR SUSTAINABLE DEVELOPMENT

- Goal 14:
- **Through research and educational programs, universities can raise awareness about marine conservation, sustainable fisheries management, and the protection of marine ecosystems.**
- **Collaborating with coastal communities and environmental organizations to address threats to marine life.**



- Goal 15:
- **Universities can support biodiversity conservation by conducting research on ecosystems, habitat restoration, and wildlife conservation.**
- **Engagement in community projects that promote sustainable land use and habitat protection.**



- Goal 16:
- **Universities can contribute to the promotion of peace, justice, and strong institutions by educating students on human rights, conflict resolution, and the rule of law.**
- **Conducting research on issues related to governance, corruption, and social justice**



17 PARTNERSHIPS
FOR THE GOALS



STRENGTHEN THE MEANS OF IMPLEMENTATION AND REVITALIZE
THE GLOBAL PARTNERSHIP FOR SUSTAINABLE DEVELOPMENT

• Goal 17:

- **Universities can serve as hubs for interdisciplinary collaboration and partnerships.**
- **Facilitating partnerships between academia, government, businesses, and civil society to address complex global challenges.**
- **Universities can also provide expertise and research to support the development and implementation of sustainable development policies and projects.**

TAU SDG RESEARCH CLUSTERS:



Thomas Adewumi University United Nations Sustainable Development Goals Research Group Clusters

S/n	Name	Department/Faculty	TAU Research Clusters (SDGs 1-17)																
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
			■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
1	DAHUNSI Adekemi T.	Biological Sciences/FCAPS	■	■	■	■	■		■				■					■	
2	BAMIDELE Oladapo O.	Biological Sciences/FCAPS							■					■		■			
3	OLATUNJI Ezekiel K.	Mathematical & Computing Sciences/ FCAPS			■	■						■							
4	ADEYEMI Emmanuel A.	Business Administration/FMSS									■	■		■			■		
5	OLUBIYI Janet I.	Nursing/FBMS			■		■	■				■							
6	OLAITAN Faith J.	Biological Sciences/FCAPS			■			■				■							
7	AYODELE Peter F.	Biological Sciences/FCAPS			■								■						
8	OLABODE Omosola J.	Mathematical & Computing Sciences/ FCAPS			■	■	■					■		■		■			
9	ANYIAM Arinze F.	Medical Laboratory Science/FBMS			■									■					
10	ARINZE-ANYIAM Onyinye C.	Medical Laboratory Science/FBMS			■									■					
11	FAROHUNBI Samuel T.	Biological Sciences/FCAPS			■								■	■					
12	IBRAHEEM, Mulikat A.	Nursing/FBMS			■				■										
13	FOLARANMI Rotimi O.	Mathematical & Computing Sciences/ FCAPS				■			■		■	■							
14	BORODE Samuel B.	Nursing/FBMS			■	■			■				■		■				
15	ISHOLA James A.	Business Administration/FMSS	■			■					■	■		■					
16	EZEKIEL Oluwadamilola O.	Biological Sciences/FCAPS			■				■								■		
17	AJIBOLA Abiodun A.	Chemical Sciences/FCAPS			■				■				■						
18	ADENIYI Isaac A.	Chemical Sciences/FCAPS			■				■				■						
19	IBRAHIM Ibukun A.	Mass Communication/FMSS			■	■							■				■	■	
20	BABATUNDE Oluwole S.	Criminology/ FMSS															■	■	
21	ADELEYE Wisdom O	Sociology/ FMSS															■	■	
22	ODUNNAIKE Opeyemi O.	Anatomy/ FBMS			■								■						
23	OKEDELE Hope O.	Law/Law											■				■	■	



CONCLUSION

Universities have a pivotal role to play in achieving the 17 Sustainable Development Goals and TAU should not be left out. Our unique value propositions such as research capabilities, educational platforms, and community engagement efforts position us as a key driver of change. By actively aligning our teaching and research activities with the SDGs, we can contribute to creating a more sustainable, equitable, and prosperous world for current and future generations.



The End !



Thanks for listening.