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WORKSHOP TITLE:

ESD Competencies for Societal Transformation: a TASUED Staff Professional Development Workshop.

SUPPORTED BY:

UNESCO Abuja, Nigeria / Ogun State Government Institute of Education, Obafemi Awolowo University (OAU), Nigeria. Office for Climate Education / Vrije Universiteit Brussel, Belgium Tai Solarin University of Education / Univerza V Ljubljani **Greening Education Partnership**



Ogun State Sustainability Education Program (OGSEP)

ljagun, Ogun State.

Tai Solarin University of Education (TASUED),



VENUE: TASUED Auditorium, Ijagun, Ogun State,

to explore the crucial role of education for sustainable development (ESD) within teacher education by introducing a professional development workshop, "ESD competencies for societal transformation" to all teaching staff of TASUED.

About This Workshop

OGUN STATE SUSTAINABILITY EDUCATION PROGRAM (OGSEP):

TASUED Staff Professional Development Workshop on ESD Competences

Education is a powerful catalyst for change towards sustainability and a driver of all 17 UN global goals for sustainable development (SDGs). Education plays a crucial role in supporting citizens in developing the competencies needed to live responsibly and, at the same time, transform their society. Hence, it is critical to ensure that teachers and educators build the necessary capacity for the essential knowledge, understanding, skills, values, and dispositions to pass on sustainability competencies to every learner through an integrative and whole institution approach (WIA).

The Ogun State Sustainability Education Program (OGSEP) leverages the acquired competencies of teachers to meet the SDG target 4.7, which states that "By 2030, all learners acquire the knowledge and skills needed to promote sustainable development..." As the Nation's Premier University of Education, the Tai Solarin University of Education (TASUED) kicks off the Ogun State Sustainability Education Program (OGSEP), focusing on professionalizing teacher/staff competencies on learning for sustainability.

The immediate objective of the Ogun State Sustainability Education Program (OGSEP) is first to explore the crucial role of education for sustainable development (ESD) within teacher education by introducing a professional development workshop, "ESD competencies for societal transformation" to all teaching staff of TASUED.

The mission of the OGSEP is statewide. That is, it is a state program responsible for developing the sustainability competencies of every citizen and resident of Ogun State. It covers formal and non-formal forms of learning. In addition, it extends to the workplace, including government offices, staff, and agencies facilitated by the network of teachers and educators.

This staff professional development workshop equips the TASUED educators with relevant knowledge, awareness, and action competencies to become change agents that will transform our societies for the betterment of all people, including their students and the planet.

Event Flow/Schedule

O3/07/2025 -TASUED AUDITORIUM

8:30 AM - 9:00 AM Guests & Participants Arrival

9:00 AM - 9:15 AM Welcome address by the Vice Chancellor, TASUED

9:15 AM - 9:30 AM Message from the Ogun State Ministry of Environment

9:30 AM - 9:45 AM Message from the Ogun State Ministry of Education

9:45 AM -10:00 AM

The overview of the Ogun State Sustainability Education Program (OGSEP) by -Banji Odeyemi, Researcher, Vrije Universiteit Brussel (VUB), Belgium

10:00 AM - 10:30 AM

Partnership for Education for Sustainable Development (ESDfor2030) in Nigeria. (Dr. Lateef Olagunju, National Commission for UNESCO, Nigeria (NATCOM-UNESCO), Online participation.

10:30 AM - 11:30 AM

(11:30 am - 12:30 pm CET) (MODULE 1:) SDGs and Sustainability Competencies in Teacher Education (Professor Marco Rieckmann. University of Vechta - online participation).

11:30 AM - 12:30 PM (12:30 pm - 1:30 pm CET) (KNOWLEDGE SHARING:) Transforming Futures:

Enhancing Practice for ESD for 2030 through Action Research. (Professor Gregor Torkar, Ljubljana University, Slovenia – online participation).

12:30 PM - 1:15 PM (1:30 pm - 2:15 pm CET)

Greening the curriculum and the best practices for integrating climate education into teaching. Professor Dr. Eric Guilvardi Professor at LOCEAN/IPSL & NCAS Climate/University of ReadingClimate scientist CNRS/IPSL - President of the Office for Climate Education (OCE)

1:15 PM - 2:00 PM

Indigenous Brand Partnership and Private Sector Responsibility: Capacity development for the Just Transition. (Mr. Ademola Ogunbanjo, President/CEO, Oando Clean Energy Limited).

2:00 PM - 2:15 PM

Indigenous Brand Partnership and Private Sector Responsibility: Renewable and Clean Energies, and Our Solutions. Mr. Tayo Odeiimi Founder & CEO, Atmospowered Energy Limited

2:15 PM - 2:45 PM

(i) Introducing the Greening Education Partnership (Framework and Pillars). (ii) Strengthening the teacher education system and enhancing capacities to promote environmental sustainability and climate change education for all learners (UNESCO Abuja).

2:45 - 3:30 PM (MODULE 2:)

(i) Education for Sustainable Development (ESD) in Teacher Education and Training. (ii) Sustainable Education for a Transformative Society (Professor Ojedokun Elijah Olalekan, Obafemi Awolowo University, OAU)

3:30 - 4:00 PM - Lunch Break

4:00 PM - 4:30 PM Way forward - Presentation of the OGSEP LEARNING PLATFORM (LMS): Director for Academic Planning (DAP), -Professor Owoyele

4:30 PM - 4:50 PM Questions and Answers 4:50 PM - 5:00 PM Closing

OGUN STATE SUSTAINABILITY EDUCATION PROGRAM

SPEAKERS' PROFILE AND TOPICS



SPEAKER 1

Banji Odeyemi

(INNOVATIVE EDUCATIONAL SERVICES, VRIJE UNIVERSITEIT BRUSSEL, BELGIUM)

TOPIC:

Ogun State Sustainability Education Program (OGSEP): TASUED - Teacher Professional Development on ESD (environmental sustainability and green competencies).

The OGSEP Project is strategically positioned to foster environmental sustainability and promote learner competencies toward a green transition. It emphasizes education as a powerful driver for sustainable development. Sustainability education involves building the knowledge, skills, attitudes, and values necessary to address the major issues threatening people and the planet. The project aligns with Nigeria's national policy agenda on the SDGs. Furthermore, it underscores the importance of strategic partnerships and collaboration, as one of its aims is to enhance understanding of climate change and sustainability by sharing experiences through sustainability workshops. Sustainability education transcends environmental concerns; it lays the foundation for responsible citizenship, economic development, and a resilient society. Tai Solarin University of Education (TASUED) has taken the lead in prioritizing learning for sustainability in education and its teacher education and training.

Banji Odeyemi is a Learning Consultant and a Ph.D. researcher at Vrije Universiteit Brussel (VUB). He holds a master's degree in educational sciences and innovation from the same university. His experience in Europe-wide school projects encompasses STEM, adult learning, entrepreneurial education, and sustainable development. His research focuses on teacher professional development in Education for Sustainable Development (ESD) for both pre-service and in-service teachers. He serves as a Sustainability Coordinator and Director at Innovative Educational, which supports schools on their journey to achieving green school accreditation and certification through focused and intentional efforts on these four criteria: school governance, facilities and operations, teaching and learning, and community engagement.



Professor Dr. Marco Rieckmann SPEAKER 2 /

(UNIVERSITY OF VECHTA, GERMANY)



Teacher Education for Sustainable Development (TESD): Introduction to TESD (WHAT and WHY) and approaches to incorporating sustainability education into teaching and learning practices.

TESD has emerged as a field of policy, training, and research focused on integrating ESD-related concepts and objectives into teacher education. Teacher Education for Sustainable Development (TESD) is the field of policy, practice, and



ESD COMPETENCIES FOR SOCIETAL TRANSFORMATIONS



The Green Education Partnership (GEP) is a global initiative launched by the United Nations to help countries speed up the integration of sustainability into education. The Partnership aims to offer a prepares every learner to tackle climate change and promote sustainable development. To support this school accreditation. IES also empowers teachers their specific contexts, inspiring them to contribute to more sustainable and climate-resilient communities.



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OGUN STATE SUSTAINABILITY EDUCATION PROGRAM

SPEAKERS' PROFILE AND TOPICS



SPEAKER 4 Dr. Idowu Olagunju

(SECRETARY-GENERAL, NIGERIA NATIONAL COMMISSION FOR UNESCO, NATCOM-UNESCO)

TOPIC:

Partnerships to build the capacity of educators for environmental sustainability and green competencies.

Sustainability education supports workforce development (including educators) in growing green sectors while reducing long-term costs linked to environmental degradation, healthcare, and resource scarcity. Countries with strong sustainability education often experience innovation in clean technologies and sustainable business practices, creating competitive advantages in the global marketplace. There is cooperation between Nigeria and UNESCO in education for sustainable development as outlined in SDG 4.7.



SPEAKER 5

Dr. Moma Enang

HEAD, DEPARTMENT OF SCIENCE & TECHNOLOGY AT UNESCO - ABUJA. THE UNITED NATIONS EDUCATIONAL, SCIENTIFIC AND CULTURAL ORGANIZATION (UNESCO)

TOPIC: /

Climate Change Education through Greening Education Partnership (GEP) and Education for the Green Economies

How can we use education to tackle the climate crisis? Climate change education is a necessity and a catalyst for sustainability. Hence, Article 12 of the Paris Agreement stated that addressing climate change should be a foremost priority within our educational frameworks. In practice, the Greening Education Partnership (GEP) is a global initiative that takes a whole-of-system approach to support countries in tackling the climate crisis by harnessing the critical role of education. In addition, education enables learners of all ages with the agency to address interconnected global challenges, including climate change, loss of biodiversity, unsustainable use of resources, and inequality. It empowers them to make informed decisions and take action to change society and care for the planet. Drawing upon ESD's holistic approach to learning, the Greening Education Partnership (GEP) aims to inspire action from countries to empower learners with the skills required for inclusive and sustainable economic development in the transition toward digital and green economies.

Dr. Enang Moma is the Head of the Department of Science and Technology at UNESCO - Abuja. Dr. Moma currently works at the United Nations Educational, Scientific and Cultural Organization (UNESCO) Regional office in Abuja; as a National Professional officer responsible for implementing the UNESCO Natural Science programmes and projects in 8 countries (Benin, Cote d' Ivoire, Ghana, Guinea, Liberia, Nigeria, Sierra Leone and Togo). Dr. Enang Moma is a member of OWSD, the Chemical Society of Nigeria, and the Sustainability Science Network. She has published in recognized journals, written several seminar/workshop papers in her field, and supported several scientific case studies. She works with diligence and has facilitated international science events.



SPEAKER 6

Professor Dr. Eric Guilyardi

Professor at LOCEAN/IPSL & NCAS Climate/University of Reading Climate scientist CNRS/IPSL - President of the Office for Climate Education (OCE).

TOPIC:

Greening the curriculum and the best practices for integrating climate education into teaching.

..A CATEGORY TWO CENTRE UNDER THE AUSPICES OF UNESCO. THE INSTITUTIONALIZATION OF THE OCE AIMS TO PROMOTE CLIMATE CHANGE EDUCATION AT THE INTERNATIONAL LEVEL, WITH A SPECIAL FOCUS ON EMERGING COUNTRIES.

The OCE aims to organize strong international cooperation between scientific bodies, NGOs, and educational institutions to educate present and future generations about climate change, to equip them with the tools of understanding and action to protect them from preconceptions, ideologies, or irrationality, and to prepare them to live in a changing world.

The Office for Climate Education (OCE) was created in 2018 at the initiative of La main à la pâte Foundation. Based in Paris, the operational OCE team coordinates a worldwide network of national and regional partners. This network is supported by both the scientific community (laboratories, academies of science, IPCC, etc.), NGOs, and local or national educational authorities. This community of practice, accompanied by the OCE, ensures that schools get moving to face future challenges sustainably and holistically, deeply rooted in their social environment and local communities.

At the TASUED teacher professional development workshop, OCE raises awareness on environmental sustainability and green competencies in teacher education curricula, particularly, greening the curriculum and the best practices for integrating climate education into teaching.

SPEAKER 6

Professor Ojedokun Elijah Olalekan

(OBAFEMI AWOLOWO UNIVERSITY, OAU, NIGERIA)

TOPIC:

Teacher Sustainability Education as a Tool for a Transformative Society;

Challenges of Integrating Education for Sustainability in Teacher Education and Training in Nigeria.

Using the "Diffusion of Innovation Theory" (Rogers, 1983), Professor Ojedokun Elijah Olalekan provides some clues on how teacher educators could raise a generation of teachers, as change agents who will also, in turn, create a trickle-down impact on the learners, thus, aiming for a transformative and resilient society. His previous works position Education for Sustainability (EfS) as an innovation to which learners must be exposed so that they can play their roles in sustainability and the green transition. These roles include innovative contributions to stem the tide of global environmental

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OGUN STATE SUSTAINABILITY EDUCATION PROGRAM







SPEAKERS' PROFILE AND TOPICS

problems such as flooding, desertification, biodiversity loss, climate change, global warming, etc. According to Professor Ojedokun, sustainability education requires a proper understanding, which is taught with learner-centred methods/strategies.

Professor OJEDOKUN Olalekan is a Professor of Social Studies at the Institute of Education. Obafemi Awolowo University, Ile-Ife. He holds a Ph.D. from the University of Ibadan (2008). He was the Director of the Institute of Education. O.A.U., Ile-Ife (2014-2015). His current research is on Sustainability Education and Educational Entrepreneurship.



SPEAKER 7

Mr. Ademola Ogunbanjo,

PRESIDENT/CEO, OANDO CLEAN ENERGY LIMITED

TOPIC: /

ESD Competencies for Societal Transformation: The Green Transition and Capacity Development.

Ademola is the President and CEO of Oando Clean Energy Ltd (OCEL), having previously served as the Executive Vice President. He has extensive experience in leadership roles at Oando Energy Resources, focusing on human capital, supply chain management, and corporate governance. Ademola holds a B.Sc. in Urban and Regional Planning and certificates from prestigious institutions like the London School of Economics and Oxford University. He is a certified market analyst and holds an Executive master's in project management. Ademola is also the pioneer Advisory Board Chairman of the Nigeria Wind Energy Council and has contributed knowledge resources to various organizations.



SPEAKER 8 / Mr. Tayo Odejimi

FOUNDER & CEO. ATMOSPOWERED ENERGY LIMITED

TOPIC: /

Renewable and Clean Energies, and our Solutions.

Mr. Tayo Odejimi is a visionary energy practitioner and technology engineer. With over 26 years of experience in the technology industry, Tayo has become a transformative leader in the energy and technology sectors. As a seasoned technology engineer, he has successfully led two prominent IT companies under the NETModel Technologies Ltd umbrella, where he played a key role in driving innovation and business solutions. In 2014, recognizing the global need for sustainable energy, Tayo expanded his expertise into renewable energy. His vision led to the founding of Atmospowered Projects & Services in 2021, which quickly grew into Atmospowered Energy Ltd. His strong commitment to innovation and sustainability makes him a significant force in the renewable energy field, providing communities and businesses with sustainable power solutions for a brighter future.



ESD COMPETENCIES FOR SOCIETAL TRANSFORMATIONS

SPEAKERS' PROFILE AND TOPICS

SPEAKER 3

Professor Gregor Torkar

(LJUBLJANA UNIVERSITY, SLOVENIA, AND UNESCO CHAIR ON TEACHER EDUCATION FOR SUSTAINABLE DEVELOPMENT)

TOPIC:

Transforming Futures: Enhancing Practice for ESD for 2030 through Action Research.

Education for Sustainable Development (ESD) aims to transform education globally by reorienting formal education and training systems to prioritize sustainable development. This approach seeks to enhance public awareness and understanding of the complex sustainability challenges humanity faces. Over time, various frameworks and programs have focused on ESD, with the most recent being the ESD for 2030 Roadmap (UNESCO, 2020). This roadmap highlights the transformative power of ESD as an essential component of quality education and a key enabler of all 17 Sustainable Development Goals.

The development of guidance tools on key topics will be carried out through action research. In this process, selected institutions-including UNESCO Associated Schools (ASPNet), education planners, and practitioners in 11 countries (among them Slovenia) —will test and review the tools. In return, they will share their experiences, contribute evidence, and provide case studies.

Prof. Torkar shares insights on how their current project seeks to strengthen the knowledge and capacity of institutions and individuals to transform practices that promote sustainability and quality education in alignment with the SDGs, with the focus on 1) whole-institution approaches in ESD, 2) transversal sustainability competencies and pedagogies, and 3) learning assessment for ESD. The project will empower education stakeholders, foster innovative teaching practices, and facilitate the integration of sustainability principles in educational institutions and systems.

Professor Dr. Gregor Torkar is a full professor for biology education at the University of Ljubljana Faculty of Education. A researcher working mainly in the field of biology and environmental education. His current research interests are ecology, biodiversity, evolutionary education, sustainability, environmental attitudes and behaviour, outdoor education, m-learning, eye-tracking technology in science teaching and learning, and nature conservation. He is the UNESCO Chair on Teacher Education for Sustainable Development (TESD).

research centered on embedding ESD-related concepts and objectives into teacher education. TESD research has developed to address fundamental questions in teacher education regarding sustainability issues and to create evidence-based, practical approaches for integrating ESD into teacher education. This research provides insights about the new demands that arise for education amid the pressing global socio-environmental challenges of our time, highlighting how teacher education practice, policy, and research can respond in ways that overcome the limitations of traditional educational approaches.

Professor Rieckmann offers insights into WHAT, WHY, and HOW to integrate sustainability concepts in teacher education. He serves as the Co-Chair of the UNESCO Chair at the University of Limerick, Ireland, and a Professor of Higher Education Development at the University of Vechta, Germany. His teaching and research focus on education for sustainable development, global learning, and the sustainable transformation of higher education institutions.

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OGUN STATE SUSTAINABILITY EDUCATION PROGRAM





Features of the workshop:

INTERACTIVE LECTURES BY LEADING EXPERTS



SHARED KNOWLEDGE ON BEST PRACTICES,



RENEWABLE AND CLEAN ENERGY EXHIBITION

GREENING EDUCATION PARTNERSHIP (GEP)

PARTNERSHIP FOR TRANSFORMATIVE EDUCATION

Key Topics:



Green Competences and future skills



Climate change education & more

Vice-Chancellor's Welcome Address

Vice-Chancellor, Prof. O. S. Banio's Welcome Address for the Ogun State Sustainability Education

Programme (OGSEP) workshop held at the TETFUND Hall on 3rd. July 2025



THIS WORKSHOP IS A TESTAMENT TO OUR **COLLECTIVE RESOLVE TO** EQUIP OUR EDUCATORS WITH THE KNOWLEDGE, SKILLS, AND DISPOSITIONS NECESSARY TO BECOME CATALYSTS FOR SOCIETAL TRANSFORMATION.

PROTOCOLS:

Government functionaries, Deputy Vice-Chancellor, Registrar, Bursar, University Librarian, Distinguished Guests, Esteemed Colleagues, Ladies and Gentlemen,

It is with great pleasure and a profound sense of responsibility that I welcome you all to this pivotal event – the Ogun State Sustainability Education Programme (OGSEP) Professional Development Workshop on ESD Competencies for Societal Transformation, held here at the Tai Solarin University of Education.

As Nigeria's premier institution dedicated to teacher education and lifelong learning, TASUED remains committed to fostering educational excellence that responds to the pressing global challenges of our time. Today's gathering exemplifies our unwavering dedication to advancing education for sustainable development (ESD) – a core pillar in our national and global pursuit of a resilient, inclusive, and sustainable future.

This workshop is a testament to our collective resolve to equip our educators with the knowledge, skills, and dispositions necessary to become catalysts for societal transformation. By integrating sustainability principles into teaching practices, we are nurturing a new generation of responsible citizens and change agents capable of addressing climate change, biodiversity loss, resource depletion, and other interconnected global issues.

I commend the Federal Government of Nigeria, the Ogun State Government, UNESCO, our international partners, and all stakeholders whose collaborations and support has made this initiative possible. Together, we are laying a solid foundation for sustainable development that will benefit not only Nigeria but also the world in its entirety.

As we engage in insightful discussions, share best practices, and forge strategic partnerships, I urge all participants to embrace the spirit of innovation, inclusivity, and action. Let us seize this opportunity to learn, inspire, and commit ourselves to the transformative power of education.

On behalf of TASUED, I reaffirm our pledge to be at the forefront of educational initiatives that promote sustainability and societal well-being. I look forward to fruitful deliberations and impactful outcomes from this workshop.

Thank you for your dedication, passion, and unwavering commitment to building a sustainable future.

Welcome, and I wish you all a successful and inspiring workshop.

God bless our collective efforts.

Who Should Attend?

All Faculties and Staff of TASUED

Ogun State Ministry of Education

Ogun State Ministry of Environment

Experts and Researchers in Teacher's Education for Sustainable Development (TESD)

Renewable Energy Companies ...

event details:

TOPIC: ESD Competencies for Societal Transformation

DATE: Thursday, 3rd July 2025

TIME: 10:00 AM

VENUE: University Auditorium, TASUED, ljagun, Ogun State, Nigeria

This workshop is a crucial step towards enhancing the capacity of our educators to integrate sustainability principles into their teaching. It empowers them to nurture a generation of responsible global citizens. Furthermore, the workshop serves as a flagship event that will lead to the development of the Ogun State Sustainability Education Program (OGSEP), a statewide initiative aimed at building sustainability competencies among all citizens and residents of Ogun State.



SCAN CODE

to Register for the OGSEP-TASUED WORKSHOP Innovative Educational

