



NACETEM

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NEWSLETTER

...advancing frontiers of knowledge in Technology Management

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From the DG/CEO's Desk

Science, Technology and Innovation is, without doubt, a veritable tool of sustainable development. It sits well with all sectors of the economy, as it has a place in driving development. It is however ironic that STI is considered esoteric as the language of communicating it seems to be couched with technical jargon. To this end, NACETEM in collaboration with the Nigerian Institute of Public Relations trained journalists and information officers on Science Communication with a view to making STI accessible to all and sundry for accelerated sustainable development. The training is well captured in this edition of our newsletter. Closely connected to the above, NACETEM also used its Science, Technology and Innovation Management



Dr John Omimakinde

Overseeing DG/CEO, NACETEM

Forum to advance the deployment of STI to development at the grassroots. This opened the eyes of STI practitioners and other stakeholders to how rapid development can be achieved in rural areas using STI as a handy tool. Indeed, NACETEM, in the last couple of

months, has been preoccupied with coupling knowledge to development via its activities. For instance, the Nigerian version of the Global Sustainable Technology and Innovation Community (G-STIC) Conference focused on pathways to energy sustainability in Nigeria using STI. The conference brought policymakers, academics and practitioners together, and market-ready technological solutions were proffered to energy challenges in Nigeria.

Apart from chronicling our activities in the areas of workshops and trainings in this bumper package of NACETEM Newsletter, readers are also served with news of our future programmes and our development partners within and outside Nigeria.

NACETEM Identifies STI as Panacea to Challenges Battling Rural Communities

The National Centre for Technology Management has identified Science, Technology and Innovation as panacea to challenges confronting Nigerian masses living in rural communities. The centre lamented the underdevelopment of grassroots and challenges such as poverty, neglect, diseases confronting rural dwellers, stressing that the solution to these myriads of challenges are in the deployment of STI. These assertions were made by various STI experts at the Science, Technology and

Innovation Management Forum, organised by the centre with the theme: "The Roles of STI in Development at the Grassroot Level," held at the NACETEM Seminar Room, Obafemi Awolowo University, Ile-Ife, Osun State, on Thursday.

Speaking, the Chairman, Governing Board of NACETEM, Hon. (Sir) Haastrup Olatunji noted that developed nations of the world had used STI to a great advantage and it was evident in their giant strides in all facets of life,



Hon. (Sir) Haastrup Olatunji A.

The Chairman, Governing Board, NACETEM

adding that it was high time Nigeria, as a rapidly developing economy, began to drive her development with STI.



According to him, rural dwellers should not be abandoned as the nation strives to develop, adding that the society where the most vulnerable are not attended to, the likelihood of them embracing vices as a means of livelihood and survival is very

high.

He said: "This Forum is essentially designed to provide a platform for science and technology technocrats to interface on topical issues in science, technology and innovation for sustainable

development. The 2022 edition is specifically tailored towards grassroots development because the global pandemic.

<https://tinyurl.com/5n8xeeuy>

FG Urged to Proffer Solution to Energy Crisis Battling Nigeria—Experts

Experts have called on the Federal Government to work on implementing a policy document produced by the National Centre for Technology Management (NACETEM), an agency of the Federal Ministry of Science, Technology and Innovation, for the purpose of proffering solutions to the energy crisis battling the country.

They made this known on Wednesday 7th December, 2022 at the opening ceremony of a 2-day 2022 Global Science, Technology and Innovation Community Conference (G-STIC) organised by

NACETEM at its headquarters, Obafemi Awolowo University, Ile-Ife.

With the theme: "Science, Technology and Innovation: Pathways to Energy Sustainability in Nigeria," the experts including policymakers, academics and energy practitioners, addressed the many challenges associated with the global energy landscape with a

special focus on Nigeria's energy crisis, saying that the implementation of an STI document already formulated by NACETEM would bring about workable, affordable, clean, sustainable and renewable energy.

Delivering a keynote address on the conference theme, the Head of the Department, Project Management, under the School of Innovation Technology at the Federal University of Technology, Akure, Dr Olalekan Apela Jesuleye, said

an STI policy developed in 2012 contained solutions to energy crisis in Nigeria, adding that its implementation would grow economy and make renewable energysustainable.

"We are looking at how we can deploy science, technology and innovation as solutions to ensure that we have a sustainable energy in Nigeria. In leveraging development, energy offers an opportunity for us in line with the sustainable development goals agenda. When we talk of science and innovation, the first key thing we must look at is the

ensuring sustainable energy. Sustainable energy is the energy produced in a way that the environment is not affected, improved the standard of living of Nigeria," the expert said.

In his remarks, the Overseeing Director-General of the agency, Omimakinde John Akintayo, said: "This conference will interrogate issues bordering on renewable energy, circular economy, green environment, among others, as well as serve as a platform to couple workable solutions to the challenges plaguing the energy sector."



Also speaking, Chairman, NACETEM Governing Board, Hon. Adewale Haastrup said the conference was to address everyone and every sector of the nation's economy with a view to helping people escape poverty and create better lives.

He said: "For developing nations, the need for reliable and affordable energy is more fundamental. It can

improve and even save lives. In these countries, reliable energy supports expanded industry, modern agriculture, increased trade and improved transportation. These are the building blocks that help people escape poverty and create better lives.

"Today, most of the energy the world consumes comes from hydrocarbons, with crude oil being the dominant source of transportation fuels. Even with significant strides in improved energy efficiency, global energy demand is expected to rise by about 25 per cent from 2014 to 2040. The implication of this is that all hands must be on deck to ensure that we focus on sustainable energy such as renewable energy, which will also preserve our environment."

The implementation of the policy and

<https://tinyurl.com/52v3trfr>



Dr Olalekan Apela Jesuleye

Federal University of Technology, Akure



FG, Partners Evolve Strategies to Tackle Unemployment, Evaluate NYSC's SAED Policy

The Federal Government has unveiled strategies that would ensure the workability of apprenticeship-based entrepreneurship in the country. The National Centre for Technology Management (NACETEM), the Centre for Gender and Social Policy Studies (CGSPS) and the National Youth Service Corps (NYSC) who worked on the policy and released the report on Thursday in Abuja also evaluated the impacts and design of the NYSC Skills Acquisition and Entrepreneurial Development (SAED) programme.

They said that the assessment was aimed at generating evidence in guiding policy and practice towards boosting decent youth empowerment in the country and Africa at large.

Acting Director-General of NACETEM, Dr. John Omimakinde, said the assessment came at the right time especially when unemployment rate was pegged around 33

percent in the country.

According to him, the workshop organised by NACETEM and other collaborators was to come up with practicable solutions to address unemployment than magnifying the problem. "It is actually the way to go as all hands must continuously be on deck to change the narrative of gloom in the country. As a topmost policy research institution, NACETEM has been active in guiding policies, especially in the area of entrepreneurship studies to take away guesswork from how entrepreneurial activity is done," Omimakinde said.

Also, the Assistant Chief Research Officer, NACETEM, Mr. Adebayo Olofinyehun, said that the critical issue of unemployment and the challenge of creating decent employment for youths in the country is critical.

He said that to overcome this challenge, several national and international stakeholders have played key roles; notable among them was the SAED.

According to him, the programme introduced apprenticeship-based entrepreneurship training in several skill sectors to hundreds of thousands of Nigerian graduates annually with the aim of preparing them for self-employment and reliance.

He said, "We are particularly keen to know if an apprenticeship-based entrepreneurship intervention can boost the entrepreneurial interest of educated young Nigerians. Whether it can motivate them to start their

own businesses, equip them to become employers of others and prepare them to secure decent paid employment."

The Assistant Director of Research, National Centre for Technology Management (NACETEM), Dr. Abiodun Egbetokun, who doubles as the Co-Principal, Research Project, called for more support from the private sector in



Dr Abiodun Egbetokun

NACETEM

funding research projects in Nigeria.

Dr Egbetokun applauded NYSC noting that the Skills Acquisition and Entrepreneurship Development (SAED) programme of the NYSC, is doing a lot to create entrepreneurs out of the huge number of unemployed young people.

"The private sector shouldn't leave it to the government alone. Our major challenge is funding: we are not necessarily interested in government funding that much; it is about the private sector partnering with the government to make things work. Our research project has been funded by a foreign government. So one would want to ask why can't big business consortiums fund research projects."

He further stressed that "This will help to make SAED better, though it may look a bit complex but when you consider that the purpose of SAED is to support the promotion of youth employment in Nigeria it becomes easy to understand that aim is important. Right now more than half of our population is under the age 19 around 70% is under 30

"Unemployment in the 25-34 age bracket is one of the highest in Africa. This is the time people need the youth service, so if we can make SAED work effectively then overcoming the burden of implementation in Nigeria becomes a much easier job for the government."



Dr John Omimakinde

Overseeing DG/CEO, NACETEM

Science is not Given Due Attention at Various Media Desks

Media handlers have been advised to start creating awareness and stimulating the interest of people either through storytelling or statistics for an adequate understanding of NACETEM's activities.

Mr Isaac Oluyi, the Public Relations Officer, National Centre for Technology Management (NACETEM), in his paper titled 'A Peep into Science Communication', at a day media workshop organised for reporters, broadcasters, journalists and information officers in Osun state, expressed his displeasure on inadequate reportage of science-related news.

The workshop which was organised by the Nigerian Institute of Public Relations, Osun State Chapter in collaboration with the National

Centre for Technology Management, Obafemi Awolowo University Ile-Ife was held at the conference hall of the centre.

'Despite the fact that science is indispensable, it is not given due attention at various

media desks' Mr Oluyi said.

He, therefore, admonished media handlers to start creating awareness and stimulating the interest of people either through storytelling or statistics for an



adequate understanding of the centre's activities.

<https://tinyurl.com/yeynbtps>

<https://tinyurl.com/3yap7bxf>

2023 NACETEM TRAINING PROGRAMMES FOR CAPACITY DEVELOPMENT

First Quarter (January-March, 2023)			
	PROGRAMMES/COURSES	OBJECTIVES	TARGET PARTICIPANTS
1.	R&D and Innovation Management in public and private sector organisations	To develop in participants a deep understanding of how R&D can be harnessed for social and economic development.	Directors in MDAs, middle-high level officers in universities/polytechnics/research institutes, policy experts, postgraduate students.
2.	Capacity Building Workshop for SMEs on Technological Entrepreneurship & Small Business Development	To expose the participants to entrepreneurship opportunities available within the National Innovation System (NIS).	Young graduates, business owners and entrepreneurs.
3.	Environmental and Social Impact Assessment	Aimed at building the knowledge and skills of participants to be able to conduct, commission and assess project impact evaluations and discuss ideas about how to communicate impact evaluation results.	Researchers, policy experts, scientists and project managers.
Second Quarter (April - June, 2023)			
	PROGRAMMES/COURSES	OBJECTIVES	TARGET PARTICIPANTS
4.	Digital Marketing and Entrepreneurship	To expose participants to various entrepreneurship opportunities and digital tools available to leverage competitive advantage within the NIS.	Young graduates, business owners and entrepreneurs.
5.	Cybercrime and Digital Forensics	To build capacity in deploying new knowledge and technologies for crime detection, prevention, and reduction.	Public and private security personnel, security officers of MDAs and other institutions.
6.	Data Analytics and Innovation Management	To expose participants to sources of big data, various methods of analyzing big data, integrating data in decision making for business managers and owners	Researchers, postgraduate students, scientists, policy experts, entrepreneurs, business analysts and managers.

PHOTO SPEAKS



Group photograph at STI Management Forum with the theme "The Roles of STI in Development at the Grassroots Level" held at NACETEM, OAU, Ile-Ife.



Panel Session at a dissemination workshop organised by NACETEM and CGSPS at Rockview Royale Hotel, Abuja.



Participants at the G-STIC Conference organised by NACETEM with the theme "STI: Pathways to Energy Sustainability in Nigeria"



Dr Adebayo Adedokun delivering a lecture at STI Management Forum with the theme "The Roles of STI in Development at the Grassroots Level" held at NACETEM, OAU, Ile-Ife.



L-R: Hon (Sir) Haastrup O.A., the Board, Chairman, NACETEM and Dr John Omimakinde, Overseeing DG/CEO, NACETEM at G-STIC Conference



Dr John Omimakinde, Overseeing DG/CEO, NACETEM, presenting certificate to a participant at a recent short-term course organised by NACETEM