



FEDERAL MINISTRY OF FINANCE,  
BUDGET AND NATIONAL PLANNING  
(Budget and National Planning Arm)



*Innovation and Knowledge Transfer Partnership*

# THE NEW ECONOMY FOR ACHIEVING ECONOMIC DIVERSIFICATION, EMPLOYMENT & ECONOMIC GROWTH

**T H E M E :**

## Knowledge Transfer: Cassava & Bio-ethanol Value Chain

### REPORT

**NORTH-EAST REGION AWARENESS & SENSITIZATION  
WORKSHOP ON BIO-ECONOMY, EMPLOYMENT AND INCLUSIVE GROWTH USING  
CASSAVA-BIOETHANOL VALUE CHAIN DEVELOPMENT PROGRAMME PILOT**

**DATE: 1ST - 2ND AUG. 2023 TIME: 9AM VENUE: LELEWAL MOTEL, YOLA, ADAMAWA STATE**

**PREPARED BY: VEEKITES GLOBAL SERVICES LIMITED**





**HIS EXCELLENCY,**  
**BOLA AHMED TINUBU GCFR**  
**PRESIDENT AND COMMANDER IN-CHIEF OF THE ARMED FORCES**  
**FEDERAL REPUBLIC OF NIGERIA**



**HIS EXCELLENCY,**  
**KASHIM SHETTIMA GCON**  
**VICE PRESIDENT OF FEDERAL REPUBLIC OF NIGERIA**



**ENGR. NEBEOLISA ANAKO**  
PERMANENT SECRETARY FMFBNP

# NORTH-EAST GOVERNORS



**HIS EXCELLENCY,**  
**ALH. MUHAMMADU INUWA YAHAYA**  
GOVERNOR, GOMBE STATE



**HIS EXCELLENCY,**  
**RT. HON. AHMADU UMARU FINTIRI**  
GOVERNOR, ADAMAWA STATE



**HIS EXCELLENCY,**  
**PROFESSOR BABAGANA UMARU ZULUM**  
GOVERNOR, BORNO STATE



**HIS EXCELLENCY,**  
**AGBU KEFAS**  
GOVERNOR, TARABA STATE



**HIS EXCELLENCY,**  
**HON. MAI MALA BUNI**  
GOVERNOR, YOBE STATE



**HIS EXCELLENCY,**  
**SENATOR BOLA MOHAMMED**  
GOVERNOR, BAUCHI STATE



**REPORT OF THE  
REGIONAL AWARENESS/  
SENSITIZATION WORKSHOP**

**ON**

**THE IMPLEMENTATION OF  
THE NIGERIA BIO-ECONOMY FRAMEWORK/  
CASSAVA BIO-ETHANOL PROJECT PILOT  
SOUTH-WEST REGION**

**HELD AT  
LELEWAL MOTEL, YOLA, ADAMAWA STATE  
ON 1ST - 2ND AUGUST 2023**

**PREPARED BY:  
VEEKITES GLOBAL SERVICES LIMITED**



**Cross section of participants at the event.**

**REPRESENTATIVES OF THE TRIPLE HELIX MEMBERS:  
Government MDAs, Academia & Research Orgs, Development Partners,  
CSOs Private Sector players at North-East Regional Workshop**

#### **WORKSHOP THEME:**

*Knowledge Transfer, Cassava Value chain and Bioethanol/The New Economy For Achieving Economic Diversification, Employment And Economic Growth*

#### **PREAMBLE:**

*The North-East Regional Sensitization workshop held in Lelewal Motel, Yola was organized by the Federal Ministry of Finance, Budget, and National Planning as part of the ongoing Awareness/sensitization of critical stakeholders and the public on the validated Nigeria Bio-Economy Framework and the Implementation of the Cassava Bioethanol Pilot Project aimed at driving more inclusive partnership among the critical stakeholders and for the seamless implementation of the Nigeria Bio-Economy Programme.*

*The North-East regional Workshop was the last of the Regional Sensitization Workshop organized as a follow up to the previous ones organized in Enugu for South-east, Keffi, Nasarawa State for North Central States, Kano, Kano State for North-west, Ibadan for South-West Region. The Nigeria Bio-Economy Program is designed to leverage Bio-resources including cassava to produce Bioethanol and other cassava derivatives including Industrial Starch, Pharmaceutical, Starch, High Quality Cassava Flour HQCF Chips, sorbitol, Animal feeds and Ethanol.*

*The sensitization workshop drawn participants from the Six North-Eastern states Adamawa, Bauchi, Borno, Gombe, Taraba, and Yobe States respectively with players from top Government Functionaries, the Agribusiness sector, Academia, Government at all levels including representatives of Government Ministries, Departments and Agencies (MDAs) and Cassava Farmers all the six states were in attendance. (See details in the Workshop Attendance)*

**WELCOME REMARKS OF  
THE PERMANENT SECRETARY,  
MINISTRY OF BUDGET &  
NATIONAL PLANNING  
ENGR. NEBOLISA ANAKO**



**T**he Permanent Secretary, Engr. Nebolisa Anako in his opening remarks welcome participants from all the states of the Regional and the national participants to the North-East regional Sensitization workshop and the Delta State Government hosting the sensitization programme of the Nigeria Bio-Economy programmes and the Cassava Bioethanol pilot project.

Speaking of on behalf of the Permanent Secretary, the Senior Staff of the Economic Growth Department of the Ministry Mr. Olaiifa Alade stated that the cardinal goal of the Federal Government through the project is to grow the National GDP, create jobs, reduce poverty, explore opportunities in the Bio Sector while driving innovations to create alternative energy sources that is clean and renewable. The Permanent Secretary stated that this project is part of the National Development Plan 2021-2025 and adopting a Triple Helix Knowledge Transfer Partnership to transform our research from the Academia and Research Institutions into practical and scalable innovations that will sustain and grow the Nigeria Bio-Economy investment drive in renewable Biomass, food Security and alternative energy for the country.

He further stated that considering the removal of the fuel subsidy and its current biting effects, that it has become imperative to create alternative energy sources and cassava holds that prime position to give use renewable energy, jobs and poverty reduction and again thanked all critical Stakeholders including ADAN the State Government for their critical partnership in the country's quest to create a bio-based economy and to put in place mechanism and products for export.



**MR. OLAIFA ALADE,**  
Economic Growth Department  
Ministry Budget & National Planning  
Delivering welcome address for the Perm. Sec

## GOODWILL MESSAGES

### GOODWILL REMARKS BY THE SPECIAL GUEST OF HONOUR HE, AHMADU UMARU FINTIRI, THE EXECUTIVE GOVERNOR OF ADAMAWA STATE

His Excellency Alh. Ahmadu Umaru Fintiri represented by the Permanent Secretary, Adamawa State Ministry of Agriculture, Mrs. Dorothy Augustine the Federal Ministry of Finance Budget and National Planning and the entirety of the federal Government of Nigeria for the design of the laudable project and for considering Adamawa State as the host for the North-East Regional Sensitization Workshop. He stated that the North-East State Government of Adamawa, Bauchi, Borno, Gombe, Taraba, and Yobe States respectively are fully committed to the project and will give their maximum support to ensure seamless implementation for the benefit of the Region and the Nigerian people at large. She stated that diversification is inevitable as a risk-reduction strategy and the Northeast Awareness and Sensitization Workshop is appropriate bearing in mind high prices of fossil fuel and its negative consequences on global climate. She further stated that reducing the factors driving climate change is welcome through the adoption of renewable sources of fuel that is sustainable. Interestingly, agriculture can mitigate the impact of climate change; on the other hand, it also contributes to production of greenhouse gases an exciting paradox.

Harnessing the economic potential of agriculture especially cassava that Nigeria produces over (20%) of its volume globally is welcome. For the vision of bioethanol to be achieved, we must bridge the demand-supply gap by encouraging more production from our farmers considering its diverse uses both in food and non-food industries. The Ministry of agriculture, in collaboration with other stakeholders, will continue to endeavor to extend modern farming technology that will address production challenges bedeviling cassava production were her concluding remarks.



**ALH. AHMADU UMARU FINTIRI**  
Executive Governor, Adamawa state



**MRS. DORATHY AUGUSTINE**  
Permanent Secretary,  
Delta State Ministry of Agriculture &  
Natural Resources





**PROF. UMAR KYARI SANDABE**  
Vice Chancellor  
Borno State University, Maiduguri



**PROF. IBRAHIM ABDUL ABU**  
Dean of Agriculture, Borno State  
University, Maiduguri

## **GOODWILL MESSAGE OF THE VICE CHANCELLOR OF BORNO STATE UNIVERSITY, MAIDUGURI,**

The Vice Chancellor of Borno State University, Maiduguri, Prof. Umar kyari Sandabe in his Goodwill message thanked the Ministry and the organizers for this bold step in the right direction. The Vice Chancellor represented by Prof. Ibrahim Abdul Abu, Dean, Faculty of Agriculture stated that he firmly believes that the triumph of the bio-ethanol project will herald a new era of public enlightenment, contributing to the reduction of greenhouse gas emissions during combustion and fostering safety and well-being in Nigeria and beyond. I take this opportunity to pledge, on behalf of Borno State University, our unwavering commitment to work with the Federal Ministry of Finance, Budget, and Planning in various research areas encompassing both sciences and social sciences. We are eager to form a strong partnership with the Ministry, driven by our University's core mandate to pursue knowledge and discoveries that align with our mission and vision. May the workshop be a resounding success, and may its outcomes positively impact the advancement of sustainable practices and progress in our country and the wider world.

## **GOODWILL MESSAGE OF THE VICE CHANCELLOR OF MODIBO ADAMA UNIVERSITY, YOLA, PROF. ABDULLAHI LIMAN TUKUR**



The Vice Chancellor of the University, Prof Abdullahi Liman Tukur stated that Agriculture is the mainstay for Nigeria's economy and believes that the project will bring about economic diversification, create jobs and employment. Workshop is timely and important and there is need to key into Bioeconomy, and its applications in the modern agriculture of today. He welcomes the participants to



## **GOODWILL MESSAGE OF ADAN PRESIDENT, PROF. O.J JAYEOBA**

In the Goodwill Message of the ADAN President, Prof. James Olumide Jayeoba, he appreciated the stakeholders in the South-west for their massive turnout for the event informed the stakeholders how important Agriculture is to the Nation's economy and how well positioned the Association of Deans of Agriculture in Nigeria Universities (ADAN) to take this project to its right project working closely with relevant stakeholders and the young generation of innovation farmers in the sector.



**PROF. O.J JAYEOBA**  
President, ADAN

He stated that ADAN was founded in 1958, just two years to Nigeria Independence and this goes a long way to underpin the importance of Agriculture to the country and since then ADAN has been contribution to the agriculture profession through producing quality graduates of Agriculture, carrying-out Agricultural problem-solving research, promoting and enhancing the quality of Agricultural Education in Nigeria. He emphasized that ADAN is very committed to improved service delivery, modernization, and professionalism in all her activities, and they will not deliver less for the Bio-Economy Project.

He informed the stakeholders that ADAN through their partnership with the Federal Ministry of Agriculture and Rural Development has earlier established Eleven (11) Agribusiness Incubation Centers (AICs) across different Universities spread among the Six Geo-political zones and further requested that the AICs can be upgraded to Agro Industrial Park under the Bio-Economy Programme. Appreciated ADAN BOT Chairperson Prof. F.M David-Abraham for her continuous push to broker more partnership collaborating with the Executive to explore the potentials of Agriculture.

The ADAN President thanked Prof. Ken Ife for his doggedness and highly intelligent inputs and coordination of the Bio-Economy programme and further appreciated the Ministry Again for the collaborations.

**GOODWILL MESSAGE OF NATIONAL PRESIDENT, FUTURE FARMERS COMMUNITY TRUST  
AMB. J.T YAKUBU.**

The President of the Future Farmers Community Empowerment Trust (FFACET) Ambassador Yakubu Joseph stated that this project has brought about unity in farming sectors and farming organization in the country. All farmers in Nigeria support this project, particularly the workshops We are not taking this opportunity for granted because through this project, most farmers have come to have good knowledge of the cassava value chain. They have a better understanding of the value chain and have come to the realization that cassava is not to produce garri and akpu alone, they now understand that everything about cassava is money, They are ready to key into cassava farming it its expanded form, and to start making more money. He further stated that they have 150 hectares of land to give to interested farmers. We have already given three thousand (3, 000) hectares of land to farmers. Don't complain of land, we have enough land, fifty thousand (50, 000) hectares have already been shared to youths, to curb restiveness. It has created employment for them, I call on all who are interested to come and register with the association, so they can get land he concluded. of the 50,000 youth beneficiaries available to the project.

He stated that the implementation of the Bio-Economy project has capacity to make the students and graduates to keep their C.Vs aside and became Bio-Entrepreneurs.

**BRIEF REMARKS BY THE REPRESENTATIVE OF THE STUDENTS OF MODIBO ADAMA UNIVERSITY, YOLA ABUBAKAR IBRAHIM**

The represented of the students stated that It is important to de-emphasize theory, and make practical an integral part of grading, students of Agriculture Would be happy to be part of real farming before graduation, We want to start earning money before graduation, to encourage other students , We want to be employers of other people, We are happy because the project is tailored towards meeting the needs of students, Students should be made to undertake one year of practical activity, 4th year he further suggested and thanked the organizers of the program for the opportunity to be part of the workshop.





## **KEYNOTE ADDRESS/PRESENTATION BY THE PROJECT CONSULTANT, PROF. KEN IFE**

The Project Consultant Prof. Ken Ife in his opening statement commended the President of the Federal Republic of Nigeria Asiwaju Bola Ahmed Tinubu for the bold steps taken so far upon assumption of office especially the declaration of State of Emergency on National Food Security.

He further declared that there are other critical challenges facing this country that requires concerted efforts of all stakeholders and such initiative-taking leadership measures to address and very quickly and he summarized some of the challenges to include.

- Macro-Economic Challenge
- Micro-Economic Challenge
- The Unemployment situation
- The Existence Security Challenge- Boko Haram, Banditry, Kidnaping, militancy Herders-Farmers crisis etc.
- The Waste-Wealth Situation

He stated that the right time for Nigeria to move away from the heavy dependency on imports is now, that this will ensure that the National economic reforms are not negatively affected by external situations that ought not to concern. A Typical example cited were the Russian-Ukraine crisis that has affected Nigeria Diesel and Wheat market while Nigeria remains an Oil and Wheat producing country without exploring the full potentials.

The Consultant also hammered under the unemployment situation likening to a country that wants to destroy its future because the youths remain the future any nations and in Nigeria situation, only 7% of the annual graduates are securing jobs while unemployment and underemployment for the young people of 24-40 years is above 60%. The situation was labelled as a Time Bomb that this country must not allow to explode. And the Bio-Economy programme is part of such bold steps taken by the Federal Government to curb the situation especially in Job creation, export earnings and creating alternative/renewable energy sources.

He stated a sad fact where Nigeria producing over sixty-two million metric tons of Cassava can leverage the over 25million cassava peels to produce livestock feeds that help the country leap jump her production of fish, cattle, and other small ruminants yet the cassava peels are going to waste across villages in Nigeria Coming back to the main presentation of the Bio-Economy programme of the Federal Government, he stated the use of the triple Helix Knowledge Transfer model was intentional and will help to create the right synergies and partnership that drive the

project. He mentioned particularly that the Academia especially the Universities are big assets that the country has underutilized in our Agricultural projects' development drive. However, that this project will leverage the Private Sector, Academia, CSOs, Government MDAS and all to ensure seamless implementation of the Nigeria Bio-Economy Programme and the Cassava Bio-ethanol Project pilot.

The workshop ended with a vote of thanks delivered Mr. Auwal Mohammed , the representative of the Director, Department of Economic Growth. It is my privilege and great joy to extend our profound thanks and gratitude to everyone that has participated in this workshop , "I particularly thank the Special Guest of Honour, HE, Ahmadu Umaru Fintiri, the Executive Governor of Adamawa State for responding to our request, though at short notice, I thank the Permanent Secretary, and the Abuja team for their resilience and commitment to the actualization of this workshop, and the project at large. I want to appreciate and thank the representatives of governors in the Northeast region of Nigeria for honouring our invitation, I would also like to thank the Permanent Secretaries in Adamawa State Ministry of Agriculture, and Ministry of Budget and National Planning for the purposeful leadership, and for the warm reception accorded us in the State. I also thank our colleagues in the Ministry from the Northeast region of the country, the consultant to the project for his expertise and passion in seeing to the accomplishment of the project, ADAN, and others for collaborating and working for the success of this project.



I thank most sincerely, members of the organized private sector, and other participants who have made this workshop a resounding success" he concluded.



## PHOTO SPEAKS



## PANEL DISCUSSIONS



## SYNDICATE GROUPS



