

AN INTERNAL MAGAZINE OF THE NIGERIAN METEOROLOGICAL AGENCY



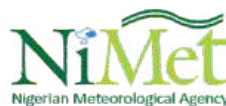
New Bilateral Air Services Agreement Signing between Nigeria and Brazil



NiMet Engages Stakeholders to Strengthen Early Warning and Climate Resilience



NiMet and AIM for Scale Agree to Collaborate for Enhanced Risk Reduction and Improved Agricultural Productivity.



01

Pivotal BASA Signed: Nigeria, Brazil Forge New Air Links

03

NiMet Unveils Next-Gen Satellite Receiving System to Revolutionize Weather Forecasting in Nigeria

07

NiMet DG/CEO Anosike Joins Other Stakeholders At NAPM Launch

09

NiMet DG/CEO Anosike Reiterates Agency's Readiness To Combat Weather And Climate-Related Hazards

13

Nigeria Hosts 14th Meeting - ECOWAS Directors of Meteorological & Hydrological Services in Abuja

18

NiMet's Management Doubles Down on Capacity Building

35

NiMet, ECOWAS Agree to Collaborate To Enhance Disaster Preparedness

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Table of Contents

Pivotal BASA Signed: Nigeria, Brazil Forge New Air Links

by Anthony Omoh NigerianFLIGHTDECK



L-R Festus Keyamo SAN (Minister Aviation and Aerospace Development Nigeria), President Bola Ahmed Tinubu GCFR (President Federal Republic of Nigeria), President Luiz Inacio Lula da Silva (President Brazil), Silvio Costa Filho (Minister of Ports and Airports, Brazil)

Nigeria and Brazil have signed a critical bilateral air service agreement (BASA). This landmark agreement establishes a new framework for direct air links.

It opens fresh avenues for trade, tourism, and investment between the two nations.

President Bola Ahmed Tinubu signed the landmark BASA. It happened during a two-day state visit to the Federative Republic of Brazil.

President Tinubu and President Luiz Inácio Lula da Silva of Brazil emphasized deepening ties between both countries.

A statement was made available by Special Adviser on Media and Communications, Tunde Moshood. It said President Tinubu was warmly received in Brasília.

This marked a significant step in strengthening bilateral ties between Africa and South America's largest economies.

The major highlight was the signing of a Memorandum

of Understanding (MoU). Minister of Aviation, Festus Keyamo, signed it with Brazil's Minister of Transport, Silvio Costa Filho.

The signing was in the presence of both Heads of State. The BASA not only offers direct connectivity but also opens the door for people-to-people exchanges. It is expected to foster stronger economic integration. This agreement will also facilitate cultural ties and enhance diplomatic cooperation.

This agreement is a strategic milestone for President Tinubu's administration. It underscores his commitment to expanding Nigeria's global partnerships. The administration aims to create enabling environments for commerce and mobility.

The Brazilian President, Luiz Inácio Lula da Silva, lauded the partnership. He emphasized Brazil's readiness, through the BASA, to deepen ties in multiple spheres.

These include aviation, agriculture, and infrastructure development.

The ongoing state visit will also see President Tinubu meeting the President of the Brazilian Senate at the National Congress.

He will also meet the President of the Chamber of Deputies. A meeting with the President of the Supreme Federal Court is also scheduled.

The President led a powerful delegation on the trip.

Senior cabinet members accompanied him. These include Minister of Finance, Mr. Olawale Edun, among others.

The working visit will also feature high-level engagements between Nigerian and Brazilian delegations.

These engagements will span various sectors. This visit underscores both nations' commitment to mutual growth and prosperity.



NiMet DG Anosike and SEDC MD Okoye Discuss Strategic Partnership to Enhance Climate Disaster Preparedness in South-East



Prof. Charles Anosike DG/CEO NiMet, Mr. Mark Okoye MD South-East Development Commission (SEDC)

NiMet DG Anosike and SEDC MD Okoye Discuss Strategic Partnership to Enhance Climate Disaster Preparedness in South-East

The Managing Director, South-East Development Commission (SEDC), Mr. Mark Okoye paid a courtesy visit to the Director General/CEO Nigerian Meteorological Agency (NiMet), Prof. Charles Anosike, today 16th July 2025.

Mr. Okoye reiterated the vision and commitment of President Bola Ahmed Tinubu, GCFR, in fostering regional development

by establishing the South-East Development Commission among others to coordinate and implement initiatives in support of reconstructing, rehabilitating and improving infrastructures, as well as tackle ecological, and developmental related challenges in the South-East States. He expressed his desire for both government institutions to explore ways to partner and improve collective efforts in promoting Climate-Resilient development. He also laid emphasis on the de-risking economic sectors through intervention programs and projects the Commission may

be embarking upon.

In his response, Prof. Anosike informed the MD SEDC of the laudable activities the Agency has initiated and supported over the years in support of regional developments. The Agency has experience of working with the North-East Development Commission in providing weather and climate early warning services and is ready to replicate the same with the SEDC. He noted that there is the need to identify vulnerabilities in the region and tailor mitigation options to make the communities adapt to risks and improve the

livelihoods of the people across all spheres of life. The Agency possesses expertise and evidence-based scientific products to address the region's climatic vulnerabilities such as flash floods, soil erosion, heavy rainfall and other hazards triggered by weather vagaries.

The DG/CEO, NiMet, further informed that Downscaling of the Seasonal Climate Prediction is a low-hanging fruit that can stimulate climate smart agriculture among the farmers to ensure improved and sustainable food production in line with the food systems security initiative of Mr. President. Other areas to explore involve capacity development through sensitization and advocacy to close-up the gap in climate information access by the communities thereby enabling them to make informed and climate-smart decisions for enhanced productivity, protection of livelihoods and sustainable development.

The duo ended up in a consensus to support one another in public private engagements and enter a Memorandum of Understanding (MoU) immediately, as this will aid the facilitation of their expected objectives and goals, especially as Federal Government Institutions.



NiMet, CILSS Strengthen Collaboration on Food and Nutrition Security Information Systems in Nigeria



Prof. Charles Anosike DG/CEO NiMet

The Nigerian Meteorological Agency (NiMet) reaffirmed its support for the Food and Nutrition Security Information System (FNSIS) during a courtesy visit from the Permanent Interstate Committee for Drought Control in the Sahel (CILSS) to NiMet Headquarters in Abuja.

Prof. Charles Anosike, the Director General/CEO and Permanent Representative of Nigeria with World Meteorological Organization (WMO), highlighted NiMet's role in early warning systems, disaster risk reduction, and food security, noting its collaboration with the Federal Ministry of Agriculture and Food Security to downscale

seasonal forecasts, enabling farmers to make informed decisions that improve agricultural productivity.

Prof. Charles emphasised the need for a coordinated and science-driven approach to predict, prepare for, and respond to food and climate shocks. He also shared insights into the National Framework for Early Warning and Early Action, developed by NiMet under the guidance of the World Meteorological Organisation (WMO), to enhance coordination among institutions working on disaster risk reduction, food security, and climate resilience.

He assured the visiting team that the framework would be shared with all relevant stakeholders to foster synergy, eliminate duplication of efforts, and strengthen national response systems to food and climate-related emergencies.

The delegation, which was led by Mr. Williams Massaoud, commended NiMet for its critical role in climate services and emphasized the importance of incorporating meteorological data into the broader FNSIS. He noted that the PRISISAN Project (Project for Strengthening and Innovating Food and Nutrition Security Information Systems), under which the current mission is being undertaken, aims to support countries in the Sahel and West Africa in building robust and sustainable information systems for effective food crisis management.

Mr. Massaoud further highlighted that the mission includes representatives from the Food and Agriculture Organization (FAO), the World Food Programme (WFP), the Federal Ministry of Agriculture and Food Security (FMAFS), the Cadre Harmonisé Taskforce, and other key development partners committed to tackling food and nutrition insecurity in the region.

In his closing remarks, Prof. Anosike reiterated the importance of collective action, urging all

relevant stakeholders to collaborate in tackling food insecurity through the development of a coordinated, data-driven, and integrated food security information system that supports evidence-based decision-making and long-term resilience.



PHOTO NEWS



Prof. Charles Anosike DG/CEO NiMet and Prof. Zeb-Obipi Vice Chancellor Rivers State University

The Nigerian Meteorological Agency (NiMet) and Rivers State University (RSU) have entered into a strategic partnership to advance meteorological research, training, and capacity building in Nigeria. The partnership was formalized by signing a Memorandum of Understanding (MoU) at the NiMet Headquarters in Abuja.

The MoU provides a framework for collaboration in key areas, such as joint research in meteorology, climatology, and maritime studies, data sharing, and the downscaling of Seasonal Climate Prediction across the south-south region.

During the ceremony, Professor Anosike emphasized the strategic importance of the collaboration. "This MoU with Rivers State University is a vital step toward strengthening our observation network and early warning coverage, allowing for joint climate research and resilience," he said.

In his remarks, Professor Zeb-Obipi lauded NiMet's commitment to advancing climate services in Nigeria. "This partnership will offer our students invaluable practical exposure, foster impactful research, and contribute meaningfully to building climate resilience across the South-South zone," he said.

Both institutions reaffirmed their commitment to promoting scientific innovation and strengthening Nigeria's response to climate change.



NiMet, LASWA Set to Collaborate on Climate-Smart Ferry Operations



Mr. Oluwadamilola Emmanuel, General Manager Lagos State Waterways Authority (LASWA) making a presentation at NiMet Hq Abuja

The Director-General of the Nigerian Meteorological Agency (NiMet), Professor Charles Anosike, today received a delegation from the Lagos State Waterways Authority (LASWA), led by its General Manager, Mr. Oluwadamilola Emmanuel, during a courtesy visit to the Agency's headquarters.

Discussions focused on integrating NiMet's real-time meteorological data into LASWA's operational framework to enhance waterway safety, optimize ferry scheduling, and support smarter, weather-informed transport planning across Lagos State.

Both parties also considered signing a Memorandum of Understanding

(MoU) to formalize and strengthen the partnership.

The proposed collaboration aims to improve ferry routing, minimize weather-related disruptions, and enhance emergency response capabilities. Additionally, both agencies emphasized the importance of operator training and public awareness as critical components for achieving safer and more efficient water transport services in Lagos.





NiMet Seeks Amendment of Its Act to Boost Cost Recovery and Service Delivery

The Nigerian Meteorological Agency (NiMet) today, 22nd July 2025, witnessed the conduct of a public hearing on a bill sponsored by the former Chair of the House Committee on Aviation Technology, Hon. Isiaq Abiodun Akinlade. The bill proposes amendments to the 2022 version of the Agency's Establishment Act. The proposed amendments seek, among other key issues, to provide a clear and detailed framework for the Agency's cost recovery across various sectors of the economy, especially the non-aviation sectors. The aim is to strengthen the Agency's capacity to fulfill its mandate, promote efficiency, improve infrastructure, ensure safety, and enhance staff welfare.

The public hearing, convened by the House Committee on Aviation Technology, featured a presentation from the Director-General/CEO, Professor Charles Anosike, who emphasized that cost recovery is a globally accepted practice and a



critical requirement for the Agency's sustainability.

Other key stakeholders from various socio-economic sectors attended the hearing, including representatives from WMO, NIMASA, FAAN, NCC, trade unions, and former Director-Generals of the Agency—Engr. Dr. Jide Adeniji, Dr. Anthony Anuforom, and Professor Mansur Matazu. Past directors of the Agency also made both written and oral submissions.

Declaring the hearing open, the Speaker of the House, represented by the Deputy Chief Whip, reiterated the National Assembly's commitment to a people-oriented legislature that ensures MDAs like NiMet have the capacity to support public growth, uphold transparency, respond to national needs, address climate change and hazardous weather, and strengthen the resilience of vulnerable communities.

In his closing remarks, the Chairman of the Committee, Hon. Tajudeen Kareem Abisodun, assured attendees that the committee would holistically consider all oral and written submissions and deliver amendments that align with the law. He highlighted the importance of NiMet's mandate in ensuring the safety of lives on land, in the air, and on water—an effort that requires the collective responsibility of all.



NiMet Participates In Airport Business Summit & Expo



Staff of NiMet at the Airport Business Summit & Expo

The Nigerian Meteorological Agency (NiMet) joined other key stakeholders at the 10th Annual Airport Business Summit and Expo, held on July 16 and 17 at the Nigav Centre in Lagos. The summit, themed “Investment Opportunities in Airport Public-Private Partnerships,” focused on exploring how collaboration between the public and private sectors can enhance airport operations and services across Nigeria.

Speaking at the event, the Permanent Secretary of the Ministry of Aviation and Aerospace Development, Dr. Ibrahim Abubakar Kana, emphasized the importance of aviation to Nigeria’s economic growth.

“As we are all aware, aviation remains a critical enabler of economic growth. It serves not only as a catalyst for trade, tourism, and investment, but also as a symbol of national connectivity and international competitiveness. Recognizing this, the Nigerian government has made deliberate policy choices aimed at opening the sector to greater private sector involvement, thereby enhancing infrastructure, boosting operational efficiency, and delivering world-class services,” he said.

Dr. Kana also highlighted that under President Bola Ahmed Tinubu’s Renewed Hope Agenda, the government is leveraging Public-Private Partnerships (PPPs) as a strategic approach to developing

the aviation sector.

NiMet’s participation and exhibition at the summit underscored its critical role in supporting the aviation industry through the provision of accurate weather and climate services essential for safe and efficient operations.

NiMet Seeks Inclusion of Weather-Related Protocol in Multimodal Transportation Regulation



Prof. Charles Anosike DG/CEO NiMet delivering his goodwill message at the NSIB Multimodal Stakeholders Workshop

The Director-General and Chief Executive Officer of the Nigerian Meteorological Agency (NiMet), Professor Charles Anosike, has advocated for the integration of weather-related protocols into Nigeria's multimodal transportation safety framework.

Speaking at the Multimodal Stakeholders Workshop organised by the Nigerian Safety Investigation Bureau (NSIB) on 31st July 2025 in Abuja, Professor Anosike emphasised that all modes of transportation—land, rail, sea, and air—are significantly impacted by weather conditions. He noted that understanding

the interplay between meteorology and multimodal transport is crucial for the development of a safe, efficient, and resilient national transportation system.

Professor Anosike reaffirmed NiMet's commitment to supporting national safety objectives through the provision of accurate and timely meteorological data. He stressed that weather considerations must be embedded in Nigeria's evolving transport safety framework, particularly as the NSIB expands its regulatory mandate.

Professor Anosike commended the NSIB for its proactive stakeholder engagement and

its efforts to harmonise national safety regulations with international standards. He expressed confidence that the outcomes of the workshop would result in practical, context-specific regulations that enhance transport safety across all sectors in Nigeria.



NiMet Engages Experts to Strengthen Capacity Ahead of ENACTS Climate Services Launch



Trainees of the Maproom workshop giving an overview to the steering committee

The Director-General and Chief Executive Officer of the Nigerian Meteorological Agency (NiMet), Professor Charles Anosike, closed the week-long Maproom Training Workshop held in NiMet Headquarters, Abuja, marking a key milestone in the lead-up to the launch of the Enhancing National Climate Services (ENACTS) initiative.

The training, which took place from July 28 to August 1, 2025, brought together participants from the agriculture, academia, and health sectors to build

technical capacity on the use of NiMet's Maproom platform—an interactive tool designed to enhance access to climate information in support of early warning systems, public health planning, disaster risk management, sustainable agriculture, and climate resilience.

The Maproom tool enables seamless access to meteorological data and supports improved coordination and understanding of weather information across sectors. Its application is vital for promoting climate-smart practices and

strengthening the interface between science and policy.

In his closing remarks, Professor Anosike commended the participants for their dedication, describing the workshop as a "vital step" toward mainstreaming climate data into national and sectoral decision-making processes.

"This workshop has created a network of empowered individuals equipped with the skills and tools to utilize climate information for smart, timely decisions," he said. "Our goal is to ensure that early warning is

matched with early action.”

He reaffirmed NiMet’s mission to provide accurate, timely, and actionable climate services to support national development goals. Professor Anosike also acknowledged the project’s implementing partners—Sahel Consulting, the International Research Institute (IRI), and the Gates Foundation—for their collaborative role in advancing the ENACTS initiative in Nigeria.

The training sets the stage for the official ENACTS

launch, scheduled to take place from August 19 to 20, 2025, in Abuja. The two-day event will feature a high-level launch ceremony and technical session to highlight key project achievements and outline future activities.

The ENACTS initiative represents a transformative leap in delivering locally relevant, user-driven climate services, with the overarching aim of enhancing resilience and supporting sustainable development across Nigeria’s socio-economic sectors.



NiMet, AATF Partner to Advance Climate-Resilient Agriculture in Nigeria



Prof. Charles Anosike DG/CEO NiMet and Dr. Jean Baptiste Tignegre, Regional Director of AATF,

The Nigerian Meteorological Agency (NiMet) and the African Agricultural Technology Foundation (AATF) have entered into a strategic partnership to drive climate-resilient agriculture across Nigeria. The MoU signed on Friday 8th August 2025 at the NiMet headquarters in Abuja will see both organizations work together to develop climate-smart weather tools, build capacity for farmers, and promote technologies that strengthen agricultural value chains against the impacts of climate change.

Speaking at the signing, NiMet's Director General/CEO, Prof. Charles Anosike, emphasized the importance of the collaboration in supporting farmers with timely and accurate climate information. "For agriculture to be truly climate-resilient, access to reliable weather and climate information is essential. This MoU enables us to combine our expertise with AATF to deliver impactful solutions to farmers," he said.



In his remarks, Dr. Jean Baptiste Tignegre, Regional Director of AATF, highlighted the foundation's mission to remove barriers that hinder smallholder farmers in sub-Saharan Africa from accessing transformative agricultural technologies. He added that this partnership with NiMet is an important step in ensuring that farmers in Nigeria are better equipped to face climate challenges, noting that collaborations like this can scale innovations that will improve food security and livelihoods.

The MoU establishes both parties' collaboration in key areas including the development of climate-smart weather support tools for women- and youth-led micro, small, and medium-sized enterprises (MSMEs) in agriculture, capacity building on climate-smart agricultural tools, provision of technical support in agreed project locations, and the joint development of funding proposals for climate-smart technologies in Nigeria.

The agreement, which runs until January 31, 2028, sets out frameworks for transparent project implementation and joint planning, while ensuring both organizations retain their mandates to enhance farmers' resilience to climate change, strengthen Nigeria's agricultural value chains, and contribute to sustainable food security nationwide.



PHOTO NEWS



Professor Charles Anosike, Director-General/CEO of the Nigerian Meteorological Agency (NiMet), on Wednesday, 13th August 2025, attended a one-day stakeholders' engagement and sensitization session organized by the Office of the Accountant-General of the Federation at the NAF Conference Center, Abuja.

The meeting brought together Accounting Officers from Ministries, Departments, and Agencies (MDAs) to deliberate on the implementation of the extended 2024 and 2025 Capital Budget. The session aimed to sensitize stakeholders on the new processes introduced to ensure a smooth and hitch-free budget execution.

The event was presided over by the Accountant-General of the Federation, Shamseldeen B. Ogunjimi, FCA, who emphasized the importance of adherence to extant rules, improved coordination, and active stakeholder collaboration in achieving the government's capital project delivery goals.





Prof. Charles Anosike DG/CEO NiMet delivering his goodwill message the MAPROOM public launch and project review workshop

NiMet, Sahel, IRI And Gates Foundation Launch ENACTS Initiative to Strengthen Access to Climate Data

The Nigerian Meteorological Agency (NiMet), in collaboration with Sahel Consulting and the International Research Institute for Climate and Society (IRI), and Gates Foundation has launched the Enhancing National Climate Services (ENACTS) initiative to transform access to climate information in Nigeria. The two-day event, held in Abuja under the Building Agricultural Systems Resilience in Nigeria Project financed by the Bill & Melinda Gates Foundation also featured a Project Review Workshop with stakeholders across agriculture, health, water resources, blue

economy and disaster management, among others. ENACTS integrates ground-based observations with satellite data to deliver reliable, user-friendly climate information products. A highlight of the launch was the unveiling of NiMet's Maproom portal, an online platform offering over 40 years of high-resolution climate data at a 4km grid resolution. The Maproom provides interactive tools for analysing and visualizing climate data, enabling evidence-based planning and decision-making across sectors.

In his keynote address, the

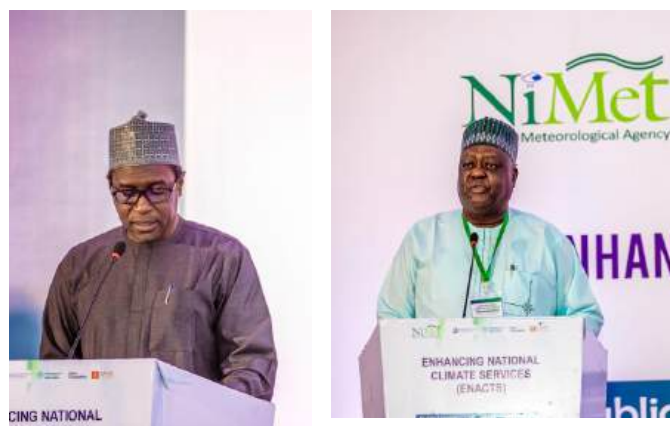
Director-General/CEO of NiMet, Prof. Charles Anosike, described the launch as "the presentation of a vision brought to life through consistency, partnership, and a shared commitment to national development." He noted that ENACTS represents a "transformative step in making climate information accessible, relevant, and actionable for all Nigerians."

Prof. Anosike, while highlighting that the application of the Maproom goes beyond a single sector of the economy, emphasized the platform's impact on agriculture and

alignment with President Bola Ahmed Tinubu's Renewed Hope Agenda of improving food and nutrition security of the nation. Explaining further, he stressed the Maproom will provide farmers with precise information on rainfall patterns, temperature forecasts, drought risks, and dry spell alerts that will empower them to make climate-smart decisions and improve food security. He added that the initiative will strengthen national resilience, enhance early warning systems, and protect livelihoods from climate related disasters.

Participants at the workshop engaged in sector specific discussions and reviewed project milestones, with stakeholders expressing optimism that ENACTS would catalyse innovation, strengthen resilience, and enhance service delivery in climate-sensitive sectors.

By bridging Nigeria's climate information gap, ENACTS is expected to advance climate-smart practices, bolster disaster preparedness, and reinforce NiMet's role as a leading provider of meteorological services in Africa while supporting the Federal Government's food security and sustainable development goals.





Prof. Charles Anosike DG/CEO NiMet, delivering his goodwill message



Prof. Charles Anosike DG/CEO NiMet, and Dr. Ndidi Nnoli-Edozien (ISSB Board Member)

NiMet DG Anosike Stresses Climate Related Risk Integration into Sustainability Reporting

The Director-General/CEO of the Nigerian

Meteorological Agency (NiMet), Professor Charles Anosike, on Wednesday 20th August, attended the 2nd Regulatory Roundtable on the Implementation of ISSB's Sustainability Reporting Standards in Nigeria, hosted by the Financial Reporting Council (FRC) of Nigeria.

Delivering a goodwill message, Prof. Anosike commended the FRC's leadership under Executive Secretary/CEO Dr. Rabiul Olowo for deepening national understanding of sustainability disclosures amid accelerating climate risks. He noted that 'in this era of climate change, sustainability reporting is evolving to encompass climate

risk as a core element, demanding greater transparency and accountability from companies regarding their climate-related impacts and strategies. Climate change poses both physical risks (e.g., extreme weather events) and transition risks (e.g., policy changes, technological shifts) that can significantly impact a company's financial performance and long-term viability'

Prof. Anosike emphasized that one of the most fundamental hurdles for preparers is the collection and verification of reliable data. He pledged NiMet's readiness to collaborate with the FRC and relevant organizations to strengthen access to quality climate data and ensure climate considerations are integrated into strategic decision-making

across the economy.

ISSB reporting standards provides a framework for companies to report on all relevant sustainability-related topics across the areas of governance, strategy, risk management, and metrics and targets.

This is supported by more detailed guidance on how to report on climate-related risks and opportunities in the climate standard. Nigeria is recognized as one of 30 jurisdictions—representing 57% of global GDP and contributing over 50% of greenhouse gas emissions—that are adopting or planning to implement ISSB Standards.

Also present in the meeting was Dr. Ndidi Nnoli-Edozien, (ISSB Board Member) among others.



NiMet DG Anosike Pays a Courtesy Visit to H.E. Bala Mohammed, Governor Bauchi State



Prof. Charles Anosike DG/CEO NiMet, with H.E. Bala Mohammed Governor Bauchi State



The Director General/Chief Executive Professor Charles Anosike paid a courtesy visit to the Governor of Bauchi State H. E. Senator Bala Mohammed to discuss opportunities for mutual collaboration and interests. Specific emphasis on improvement of meteorological services and upgrade of critical weather observation systems to ensure accurate and timely weather reports for better planning and safe air navigation at Abubakar Tafawa Balewa International Airport, Bauchi.

H. E. reiterated his commitment to providing the required state-of-the-art facilities and aviation-grade weather infrastructure to comply with meteorological requirements for safe air navigation at the airport.

The DG/CEO of NiMet, Professor Anosike, assured His Excellency of NiMet's continued cooperation and commitment to providing quality Aeronautical meteorological services that meet international standards.

Also present in the meeting was the Managing Director of NAMA and some directors of NiMet





Prof. Charles Anosike DG/CEO NiMet, delivering his goodwill message

NiMet DG Anosike Advocates Climate-Smart PPP at IFAD Workshop

The Director-General/CEO of the Nigerian Meteorological Agency (NiMet) and Permanent Representative of Nigeria with WMO, Professor Charles Anosike, on Monday 25th August 2025, delivered opening remarks at the Best Practice Workshop on Public-Private Partnership for Climate Information Services & Validation of the Climate-Smart Agribusiness Partnership for Resilience (CSAPR) Programme in Abuja.

Commending IFAD and the Federal Ministry of Agriculture and Food Security for convening the workshop, Prof. Anosike

emphasized:

“Climate Smart Public Private Partnership (PPP) is critical in this era of Climate Change to enable integration of climate related risks into agro infrastructure development. This can be achieved by embedding climate data and adaptation, mitigation measures into project design to ensure long term stability.”

Professor Anosike drew attention to NiMet's feats in Climate Services, the recent launch of Enhancing National Climate Services (ENACTS) Maproom, a powerful tool designed to accelerate access to climate information in Nigeria, especially

for those involved in agribusiness. The Maproom provides real-time weather forecasts, historical climate data and tailored advisories to support farmers in making informed decisions about planting and harvesting, thereby promoting resilience and productivity. I encourage you all to explore the NiMet Maproom by visiting the NiMet website and share your valuable feedback.”

Underscoring the workshop's objective, he added:

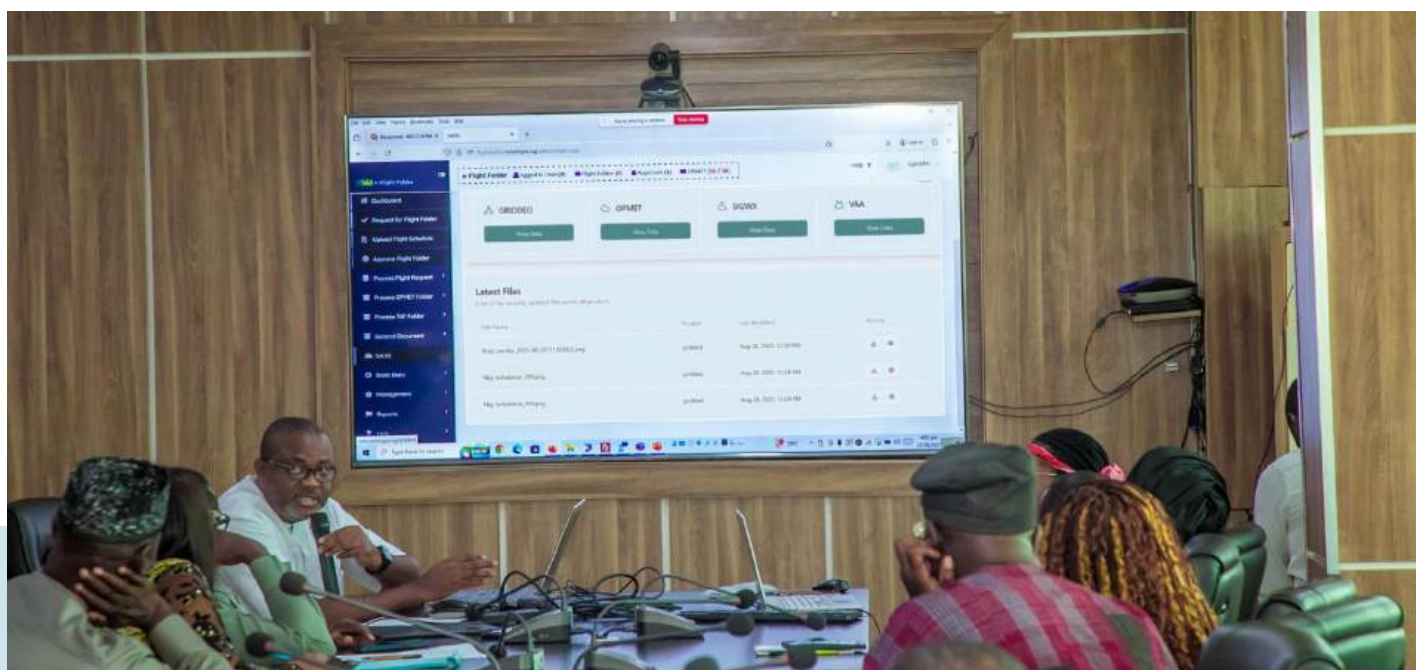
“In line with the objective of this workshop today - to build a common understanding of best practices for Public-Private

Partnerships (PPP) in Climate Information Services (CIS)- NiMet is actively engaging with private sector practitioners across the CIS value Chain to establish sustainable Digital Climate Advisory Services (DCAS) for Small-holder farmers in Nigeria. These efforts are designed to deliver timely and accurate climate information, enabling small holder farmers to make informed decisions that improve crop yields, protect their livelihoods, and strengthen resilience to the impacts of climate change."

Mrs. Dede Ekoue, IFAD Country Director, during her remarks applauded the exemplary leadership of the Nigeria Meteorological Agency (NiMet). "NiMet's work in generating and disseminating climate data and forecasts, NiMet has been at the forefront of safeguarding livelihoods and strengthening national resilience. The Agency's role in forging stronger linkages between science, policy, and practice is indispensable. Going forward, deeper partnerships with the private sector and development actors will be critical in ensuring that climate information is not only generated but also translated into accessible, affordable, and actionable services for millions of smallholder farmers" she said.



NiMet Launches Centralized SADIS Platform to Enhance Aviation Safety and Efficiency in Nigeria



Demonstration of the SADIS Platform to DG/CEO of NiMet and Senior Management Staff of NiMet

The Nigerian Meteorological Agency (NiMet) has successfully implemented a centralized Secure Aviation Data Information Service (SADIS) API platform, positioning Nigeria as a pioneer in modern aviation weather technology in Africa. This milestone upgrade enhances flight safety, strengthens operational efficiency, and future-proofs the country's aviation meteorological services in line with international standards.

The SADIS API, operated by the UK Met Office under the remit of the

International Civil Aviation Organization (ICAO), provides programmatic access to World Area Forecast System (WAFS) data sets and other critical meteorological information. It replaces the legacy SADIS FTP system with a modern, System-Wide Information Management (SWIM)-compliant platform capable of delivering higher-resolution data in real-time.

With this transition, Nigerian aviation stakeholders now have more secure, instant access to essential forecasts, charts, and observations—supporting safe, reliable, and cost-effective flight

operations nationwide.

Commending the ICT team and participants for their dedication, Professor Charles Anosike, Director-General/CEO of NiMet and Permanent Representative of Nigeria with WMO, stated:

"This innovation demonstrates NiMet's leadership in embracing modern technologies that strengthen aviation safety and efficiency while ensuring compliance with ICAO and WMO standards. The SADIS platform is a critical step in modernizing Nigeria's aviation weather services."

NiMet's SADIS deployment provides key aviation datasets, including WAFS Gridded Data (icing, turbulence, cumulonimbus, and tropopause height), WAFS Significant Weather (SIGWX) (jet streams, volcanic ash, and tropical cyclones), and Operational Meteorological (OPMET) Data, such as METAR, TAF, and SPECI reports.

With this milestone, Nigeria becomes a pioneer in Africa for integrating modern SADIS technologies into national aviation operations. Pilots, forecasters, and aviation operators will now benefit from faster, more reliable access to critical weather data, ensuring safer, more cost-effective, and more competitive flight operations nationwide.



PHOTO NEWS



Prof. Charles Anosike DG/CEO NiMet signing MoU with Delegation from AEROTAK-TYH Limited

The Nigerian Meteorological Agency (NiMet) today signed a Memorandum of Understanding (MoU) with AEROTAK-TYH Limited, operator of T.Y. Danjuma Airport, Kashimbila, Taraba State, for the provision of aeronautical meteorological services at the airport.

The MoU also provides for the establishment of a fully equipped weather observatory, deployment of automated and

conventional meteorological instruments, technical support, and capacity building for NiMet personnel stationed at the airport.

With this partnership, NiMet reinforces its role in enhancing safety, resilience, and efficiency in Nigeria's aviation sector while ensuring that the T.Y. Danjuma Airport meets both national and international regulatory standards.



NiMet Engages Stakeholders to Strengthen Early Warnings and Climate Resilience



Prof. Charles Anosike DG/CEO NiMet delivering his Opening Speech at the Stakeholders' Engagement Forum

The Director General/ CEO of the Nigerian Meteorological Agency (NiMet), Professor Charles Anosike, has called for stronger partnerships to ensure that weather and climate information translates into proactive decisions that safeguard lives, protect investments, and build a climate resilient Nigeria.

He made the call in his keynote address at NiMet's two-day Stakeholders' Engagement Forum held at the Admiralty Event and Conference Centre, Victoria Island, Lagos. The forum, themed "Early Warnings: Raising Awareness on Climate Risks and Promoting Early Action", brought

together participants from government, private sector, academia, development partners, and civil society.

In his remarks, Prof. Anosike explained that the forum was designed to foster dialogue, collaborations and address gaps regarding the reach, comprehension, and application of NiMet's products and services. "Early warnings must not end with forecasts alone; they must inspire understanding and drive decisive action," he said.

Highlighting NiMet's achievements, Prof. Anosike pointed to the Seasonal Climate Prediction (SCP), a flagship

product that helps farmers and other users plan around rainfall patterns, dry spells, and temperature forecasts. He explained that the SCP is translated into major Nigerian languages and widely disseminated to support climate-smart decisions.

He noted that to promote aviation safety, NiMet had embraced digital innovation, including the deployment of the Electronic Flight Folder (e-Flight Folder) to provide pilots with real-time weather updates. He also disclosed that major Nigerian airports have been certified under the Agency's ISO quality management system, with more



certifications underway.

Prof. Anosike also emphasized NiMet's growing role in the marine and blue economy sector, where the Agency now provides daily marine forecasts in partnership with NIMASA and other institutions. "Just as we have built trust and reliability in aviation, we are working to replicate the same impact in Nigeria's marine sector," he stated.

Affirming the role of collaborations, Prof. Anosike said "It is important to clearly state that we cannot do this alone. Whatever we have done or achieved, we have done so with the active collaborations, partnerships and support from our stakeholders, cutting across government and non-governmental, local and international".

Echoing this call, Inna Binta Audu, Special Assistant to the President on Humanitarian Affairs and Development Partners, in her goodwill message commended NiMet for "putting knowledge into action." She stressed that in a country where climate extremes directly affect livelihoods, NiMet's efforts to connect forecasts with decision-making stand out as lifesaving.



She added that stakeholder engagement forums like this are not just conversations, but bridges that link government policies, humanitarian response, and community resilience.

Similarly, Naoni Nabl, Director of Observation System, Moroccan General Directorate of Meteorology, representing the Permanent Representative of the Kingdom of Morocco with WMO, praised NiMet's leadership in strengthening Africa's voice in climate services. He noted that stakeholder engagement is the heartbeat of effective early warning systems and emphasized that "NiMet's model of inclusive dialogue is a template for how meteorological agencies can translate science into solutions."



Mr. Bernard Edward Gomez, Representative of WMO in North, Central and West Africa, representing the Secretary General of WMO, alluded to the authoritative voice of National Weather Services like NiMet and its relevance in Multisectoral climate resilience for socioeconomic benefits

The two-day forum featured panel discussions, product exhibitions, and interactive sessions showcasing NiMet's services and innovations. It underscores the Agency's commitment to advancing early warning systems and promoting a climate-resilient Nigeria.





Meteorology provides fundamental weather and climate data that forms the foundation for sustainability reporting, says NiMet DG Anosike

The Director-General/CEO of the Nigerian Meteorological Agency (NiMet) and Nigeria's Permanent Representative with the World Meteorological Organization (WMO), Professor Charles Anosike, on Tuesday, 9th September 2025, held a strategic meeting with members of the International Sustainability Standards Board (ISSB) at the Securities and Exchange Commission (SEC) office in Lagos. The engagement aimed to advance meteorological data integration into sustainability and financial reporting frameworks.

In his remarks, Prof. Anosike emphasized NiMet's central role

in providing reliable climate and weather information that underpins investment, risk management, and policy decisions. "NiMet's data is critical for assessing the financial effectiveness of the emission factor, which is directly linked to economic and investment outcomes. Our role is to ensure that businesses and regulators have the evidence base they need for informed decision-making," he said.

NiMet also made a presentation titled "Socio-Economic Benefits of Agricultural Meteorology in an Emerging Economy: Risks and Opportunities." The presentation showcased how timely forecasts have helped Nigerian farmers reduce post-



harvest losses, improve yields, and enhance food security. It further highlighted NiMet's role in supporting climate adaptation strategies and unlocking financial opportunities for agribusinesses and other climate-sensitive sectors.

Responding to the presentation, Mr. John Briggs, Head of SEC Lagos Office, welcomed the collaboration and stressed the need to embed NiMet's data into the commodity value chain at the Nigerian Exchange (NGX). He noted that this would strengthen transparency and boost market confidence.

Similarly, Dr. Ndidi Nnoli Edozien of the IFRS Foundation underscored the importance of evidence-based meteorological data in aligning

with global sustainability standards and attracting local and international investment.

The meeting concluded that while climate finance provides the resources, meteorology provides the scientific foundation to guide how, where, and when those resources are deployed.

Notable participants included Professor Richard Barker, an ISSB Board Member; Dr. Neil Stewart; and senior representatives of NiMet and SEC.

The strategic engagement underscored the importance of linking meteorology with sustainability reporting to promote accountability, drive innovation, and strengthen Nigeria's global competitiveness.



NiMet DG Anosike Seeks Collaboration with Financial Regulators To Scale Up Access To Climate Data For Effective Sustainability Reporting



At the Investor Roundtable held on Friday September 12, 2025 and hosted by the Nigerian Exchange Group (NGX) to commemorate the International Sustainability Standards Board (ISSB) Preparers Readiness Programme, Professor Charles Anosike, Director-General of the Nigerian Meteorological Agency (NiMet), delivered an insightful message that emphasises the need to collaborate and integrate quality weather and climate data into Sustainability Reporting.

Speaking to a room of financial regulators, investors, and sustainability leaders, Professor Anosike highlighted the World Economic Forum's identification of increasing extreme weather events as a top global risk, impacting financial institutions through increased costs, physical risks, and liquidity issues. He said "extreme weather events are both short-term and long-term risks, highlighting their significant and growing economic costs, disproportionate impact on

developing countries, and potential triggers for food price shocks, supply chain disruptions, and increased insurance costs.

Climate disasters are not just environmental concerns—they are financial risks. "Financial institutions face increased credit risk in Nigeria when borrowers' ability to repay loans is impacted by climate disasters, and market risks as the value of certain assets declines. Increasing climate damages are straining private insurance markets, shifting more costs to

government-run plans and raising questions about their sustainability. We need to work together, integrating contextual meteorological data into Sustainability Reporting and close climate data gaps in Nigeria”, he said.

Highlighting the impact of climate awareness, Professor Anosike notes that meteorology provides the fundamental weather and climate data that forms the foundation of sustainability reporting. Reliable climate data is crucial for informed decisions in our financial markets. It is essential for agricultural productivity and food security, aviation safety, building and construction, disaster preparedness, maritime operations, public health, and infrastructure development among others thereby ensuring sustainable economy.

The meeting concluded with mutual expressions of commitment to scale up regional resilience through science-driven, people-centred climate action. He spotlighted NiMet’s role as the nation’s climate custodian, entrusted solely with the mandate to observe, collate, collect, process, and disseminate weather and climate information for the safety of lives and property. Making weather and climate predictions across various timescales and ensuring timely communication of weather and climate information to support sustainable socio-economic development in Nigeria.

“NiMet has been at the forefront of climate data management and people centered early Warning Systems”, said Prof. Anosike and emphasised that greater investment, mutual engagement and quality climate data sharing are critical for effective sustainability reporting, fostering trust, transparency and collective progress towards climate informed goals.

Appreciating the groundbreaking opportunity provided by FRCN – Dr. Rabiul Olowo, NGX Group CEO- Temi Popoola, Securities and Exchange Commission (SEC) DG/CEO-Dr. Timi Agama, and ISSB members- Dr. Ndidi Nnoli-Edozien, Professor Richard Barker and Dr. Neil Stewart; Anosike called for support in entrenching enduring climate resilience in Nigeria’s financial markets.



PHOTO NEWS



Prof. Charles Anosike DG/CEO NiMet and Mr. Yen Choi (Ignitia)

As a follow-up to the recently signed MoU between NiMet and Ignitia, a delegation from Ignitia, led by Mr. Yen Choi, visited NiMet to initiate discussions on the implementation process.

In his opening remarks, the Director-General/CEO of NiMet, Prof. Charles Anosike, emphasised NiMet's unique role as Nigeria's sole legal provider and regulator of weather and climate information. He reassured the Ignitia team that, through this partnership, NiMet is prepared to grant access and licence to trusted private-sector partners such as Ignitia.

Areas of partnership will include training on AI for weather predictions and advisories for decision support. This collaboration aims to enhance the accuracy of weather forecasts for Nigerian farmers, ultimately supporting improved agricultural productivity and climate resilience.

The teams agreed to establish a joint technical committee within the next month to develop a detailed roadmap for integrating AI-based weather prediction tools into NiMet's advisory services. The forthcoming roadmap will outline the phases of implementation, set clear benchmarks for progress, and define how the impact of the partnership will be measured in the coming months.



NiMet and Adamawa State University Forge Strategic Climate Partnership



A Crossection showing Prof. Charles Anosike DG/CEO NiMet (Middle), Prof. Augustine Clement VC Adamawa State University (4th left), with representatives of both Adamawa State University and NiMet

The Nigerian Meteorological Agency (NiMet) and Adamawa State University have signed a Memorandum of Understanding (MoU) designed to strengthen the timely delivery of early warnings and promote targeted research in climatology and climate change. This partnership aims not only to enhance the accuracy and speed of early warnings—such as real-time weather alerts and seasonal forecasts tailored for local farmers and communities in Adamawa State—but also to support the creation of specialized training programs for students and practitioners, and

the publication of joint research findings that address region-specific climate challenges.

In his remarks, NiMet Director-General/CEO, Prof. Charles Anosike, emphasized the need for tertiary institutions to work closely with the agency on research and the effective dissemination of early warnings. He noted that, in line with the UN's "Early Warning for All 2027" initiative, such collaborations are critical to strengthening food security, protecting lives and property, and building local resilience to extreme weather events. Prof. Anosike highlighted specific areas of focus for the

partnership, including climate data analysis, drought and flood monitoring, and the integration of climate science into community-based disaster preparedness.

Building on this vision, Prof. Augustine Clement, Vice-Chancellor of Adamawa State University, expressed his commitment to fostering collaboration and knowledge exchange. He assured NiMet that the university would actively engage in projects such as co-developing educational workshops, curating climate research internships, and supporting community outreach programs that translate scientific

findings into practical guidance for the public and policymakers in the state.

This partnership underscores the vital role of academic-agency cooperation in advancing Nigeria's capacity to anticipate, respond to, and mitigate the impacts of climate change.



NiMet and C-WINS Formalize Their Partnership to Advance Climate Action



Prof. Charles Anosike DG/CEO NiMet and Dr. Mahmud Mustafa, Head of Missions at C-WINS signing the MoU

Forging a strategic alliance, the Nigerian Meteorological Agency (NiMet) and the Centre for Well-being and Integrated Nutrition Solutions (C-WINS) have committed to advancing climate action in Nigeria through integrated solutions that connect climate, public health, food and nutrition security, soil health, and community resilience.

The partnership's core activities include the development of early-warning systems tailored for local farmers, enabling more proactive responses to adverse weather conditions. NiMet and C-WINS will jointly launch community workshops on climate-smart agriculture, where farmers will learn adaptation techniques based on real-time climate data. Through these efforts, the partnership aims to increase crop yields in targeted communities and reduce climate-related health incidents by providing timely alerts to farmers and health workers.



In his opening address, the Director-General/CEO of NiMet, Prof. Charles Anosike, emphasized the importance of integrating climate intelligence to reduce health risks, strengthen food and nutrition security, improve soil health, and enhance disaster resilience. NiMet's primary contribution will be the provision of accurate meteorological data and tailored climate forecasts—essential for the success of these interventions.

Transitioning to implementation, Dr. Mahmud Mustafa, Head of Missions at C-WINS, congratulated the NiMet team on the milestones it has achieved in recent years and described C-WINS's on-the-ground commitment: leveraging

NiMet's forecasts to design practical training programs for health workers and lead community engagement sessions. Their collaborative work will focus on supporting farmers with adaptive practices informed by local climate trends, ensuring that climate information is both accessible and actionable in rural areas.

This synergy is expected to foster not only higher crop yields and reduced climate-related health risks but also a more informed and resilient population equipped to face the challenges of a changing climate.



Hydromet Africa Conference and Symposium organised by Varysian, Pretoria,

15th - 17th July 2025
South Africa



Cross-Section of delegation at the Hydromet Africa Conference

Varysian was founded in 2017 with the objective of enhancing partnership and collaboration between National Meteorological and Hydrological Services (NMHSs) and other industry stakeholders, through world-class events, data exchange and research. The organisation has built on these foundations and now works with partners across the conservation, environmental and development sectors, creating specialist networks and curating digital events and campuses.

Varysian's flagship event for Africa celebrated its third year in 2025, bringing local, national and international stakeholders in weather and climate together. The event had in attendance over 100 delegates, sharing challenges, solutions and novel

ideas to combat weather and climate-related issues, taking into account Africa's unique culture and diversity.

The Nigerian Meteorological Agency (NiMet) was represented at the event by Prof. Vincent Weli (DWFS) and Mr Henry Airiohuodion (DCS). The three-day event also had in attendance participants from academia, NMHSs, regional government bodies, funding agencies and technological experts.



NiMet DG Anosike Pays Working Visit to Directorate of General Meteorology, Morocco



Prof. Charles Anosike DG/CEO NiMet, (Right), and Mohammed DHKISSI Directorate of General Meteorology Kingdom of Morocco

At the sidelines of the ongoing United Nations Systematic Observation Financing Facility (SOFF) workshop for Peer Advisors and Implementing Entities in Casablanca, the Director General/Chief Executive Officer (DG/CEO) of the Nigerian Meteorological Agency (NiMet) and the Permanent Representative (PR) of Nigeria with the World Meteorological Organisation (WMO) held a bilateral meeting with his counterpart from the Kingdom of Morocco, Mohammed DHKISSI, during a courtesy visit and a guided tour of the Directorate of

General Meteorology.

The discussion centered on stronger joint collaboration in support of AI-based weather forecasting and early warning for all.

Mohammed DHKISSI and Prof. Anosike agreed to draft a Memorandum of Understanding and establish a framework to foster mutual support in the implementation of the WMO Integrated Global Observing System (WIGOS) Centre in Abuja, Nigeria; exchange of expertise and support in the implementation of an

instrument calibration centre in Abuja; exchange of expertise and solutions in data management and Information and Communication Technology (ICT) between both countries; exchange of expertise in education and training, especially for instructors in French and English to promote a wider audience in the training institutions of both organisations; exchange of ideas and expertise in NiMet's model of Agricultural Meteorology and associated stakeholders' engagements; learning from NiMet's experiences in the

implementation of its SOFF Peer Advisory Services; and exchange of expertise in Numerical Weather Prediction and integration of Artificial Intelligence (AI) in numerical modelling.

While acknowledging the already existing cordial relationship between both organisations, which has seen Morocco supporting Nigeria in meteorological data exchange, participation in NiMet's Stakeholders' Engagement Forum, and Nigeria's participation in ClimAfrica hosted by Morocco, both parties pledged to continue this tie with effective participation in future events of both parties, including cost recovery drives for climate resilience and sustainability of both organisations.



NiMet Is Committed to Leveraging AI-Powered Weather Forecasting to Strengthen Weather and Climate Information for Farmers – DG NiMet



The Agricultural Innovation Mechanism for Scale (AIM for Scale) team, led by Imara Salas, Director, AIM for Scale Secretariat, and Mohammad Farrae, Scientific Director, paid a courtesy visit to the Director General/CEO of the Nigerian Meteorological Agency (NiMet), Prof. Charles Anosike, to discuss potential avenues for collaboration.

AIM for Scale is an initiative focused on promoting agricultural innovation. It is a consortium of global partners working together to scale up weather services for farmers. During the discussions, the AIM for Scale team outlined specific goals, including co-developing strategies for scaling up weather services and mobilising investment to deliver innovative solutions tailored to the needs of Nigerian farmers.

Crucially, the partnership draws on the combined expertise and resources of the AIM for Scale consortium, which brings together leading global organisations – the Gates Foundation, United Arab

Emirates (UAE), Asian Development Bank (ADB), Inter-American Development Bank, World Bank, U.S. Agency for International Development (USAID), NASA, Massachusetts Institute of Technology (MIT), Community Jameel, Mohamed bin Zayed University of Artificial Intelligence (MBZUAI), University of Chicago's Human-Centered Weather Forecasts and AI for Climate (AICE) initiatives, World Meteorological Organization (WMO), and United Nations Systematic Observations Financing Facility (SOFF).

The planned collaboration with NiMet is expected to deliver significant benefits to Nigerian farmers by providing reliable, real-time weather information that empowers better planning, risk reduction, and improved agricultural productivity.

In her remarks, Imara Salas, Director of the AIM for Scale Secretariat, expressed gratitude to the DG/CEO of NiMet for the warm welcome extended to her and her colleague. She explained that AIM for Scale develops tailored packages, AI weather

forecasts, and mobilises investments to deliver cost-effective, scalable innovations to hundreds of millions of farmers. AIM for Scale uses a vertical fund-style approach within the food systems space. Creating tailored innovation packages helps scale up solutions through partnerships with key players such as NiMet.

Professor Charles Anosike, Director General and CEO of the Nigerian Meteorological Agency (NiMet), expressed his appreciation for Nigeria's inclusion in the first African pilot project and for the invitation extended to the agency for the just-concluded training on AI weather in Abu Dhabi. He highlighted NiMet's strong preparedness for this initiative, noting the agency's depth of expertise and its commitment to meeting the growing demand for accurate weather and climate information, especially among smallholder farmers. This demand is increasing as farmers seek timely data to guide planting, harvesting, and risk management decisions.

Anosike also emphasised the importance of AI-powered weather services, which use advanced algorithms to improve forecasting accuracy and deliver information more quickly. These innovative systems are designed to make predictions more reliable, helping farmers and other users adapt to changing conditions.

He said that by embracing these new technologies and partnerships, NiMet is paving the way for more effective weather services. This forward-looking approach promises significant benefits for smallholder farmers and other stakeholders, enabling better planning, reduced risk, and increased productivity across the country.



Professor Anosike then highlighted several ongoing gaps and challenges, particularly the limited network of in-situ weather stations across Nigeria, as well as the pressing need to expand radar coverage. Following this discussion, he led the AIM for Scale team on a tour of NiMet's main weather forecasting facility. The tour was designed to demonstrate the agency's current capabilities and to provide tangible context for the expansion plans under consideration.

At the end, both parties agreed to develop and sign a Memorandum of Understanding (MoU) focusing on joint research initiatives. This MoU is intended to strengthen collaboration and ensure the operational sustainability of the project, supporting the long-term delivery of innovative AI weather services in Nigeria.



NiMet DG Honoured at the Nigeria GovTech Public Service Awards 2025



Prof. Charles Anosike DG/CEO NiMet

The Director-General/CEO of the Nigerian Meteorological Agency (NiMet), Prof. Charles Anosike, has been honoured at the Nigeria GovTech Public Service Awards 2025, organized by the Bureau of Public Service Reforms (BPSR) under The Presidency.

NiMet was conferred with the “Best Federal MDA in Open Data Excellence” award in recognition of its outstanding performance in data transparency, innovation, and digital transformation in public service delivery. In addition, Prof. Charles Anosike received the Distinguished GovTech Trailblazer’s Award, acknowledging his visionary leadership in advancing GovTech initiatives and promoting digital governance in alignment with the Federal Government’s digital transformation agenda.

This prestigious recognition not only underscores

NiMet’s unwavering commitment to providing timely, accurate, and actionable data for climate mitigation and early warning systems, but also affirms Prof. Anosike’s dedication to positioning NiMet among the leading meteorological agencies globally, setting new benchmarks for excellence, innovation, and impact.

The Nigeria Gov Tech Conference & Awards is a flagship initiative spearheaded by BPSR to catalyze digital transformation across Nigeria’s public sector. It brings together government agencies, private sector innovators, technologists, policy makers, and civil society to celebrate outstanding achievements in GovTech, encourage technology-driven reforms, and foster capacity building in digital governance. By spotlighting exemplary institutions and leaders, the Awards aim to accelerate Nigeria’s progress toward efficient,

transparent, and citizen-centred public service delivery.

Among the distinguished recipients of awards was His Excellency Malam Umar A. Namadi, Executive Governor of Jigawa State, and His Excellency Rt. Hon. Ahmadu Umaru Fintiri, Executive Governor of Adamawa State, among others.



NiMet DG Anosike Honoured Among Nigeria's Top 100 Environmental and Sustainability Professionals



L-R: Chairperson, Women In Renewable Energy Association (WIRE-A) Chief Dr Anita Nana Okuribido; Representative of the Director General of Nigeria Oil Spill Detection and Remediation Agency (NOSDRA), Engr. Olisa Mbanefo; Director, Applied Meteorological Services, Nigeria Meteorological Agency (NiMet) Mrs Glory Onyegbule and Convener, Nigeria Environment Outlook / Editor in. Chief, Environment Africa Magazine, conferring recognition as one of Nigeria's Top 100 Environmental Professionals on the DG of NiMet.

The Director General/Chief Executive Officer of the Nigerian Meteorological Agency (NiMet), Professor Charles Anosike, was , honoured with Nigeria's Top 100 Environmental and Sustainability Professionals Award by Environment Africa Magazine.

Prof. Charles Anosike's recognition as one of Nigeria's Top 100 Environmental and Sustainability Professionals is rooted in his impactful, forward-thinking work in climate resilience — particularly his efforts to ensure that weather and climate information directly supports vulnerable communities, critical sectors, and long-term national planning.

In recent months, Prof. Anosike has led a transformative push to make climate data more actionable, inclusive, and accessible. Under his

direction, early warning systems have been significantly upgraded to provide timely, impact-based forecasts that help mitigate the effects of floods, droughts, and other extreme weather events.

These systems are not only more accurate, but they are now reaching farmers, local governments, and disaster managers in real time — often through digital platforms and mobile networks.

He has also championed the use of digital climate advisory services and AI-powered forecasting tools to deliver tailored weather insights, especially to smallholder farmers who are among the most vulnerable to climate shocks. By translating forecasts into local languages and formats, his work is breaking down long-standing barriers in climate communication and ensuring that no

community is left behind.

What sets Prof. Anosike apart is his systems approach — building partnerships across universities, development agencies, and the private sector to scale sustainable infrastructure, expand weather station networks, and train a new generation of climate scientists.

He has also been a vocal advocate for integrating climate risk into urban planning and sustainability reporting, pushing institutions and businesses to take a proactive stance on resilience.

Prof. Anosike's work is not only helping Nigeria adapt to today's climate challenges but also building the foundation for a more resilient and sustainable future. His recognition is a testament to practical leadership grounded in science, collaboration, and impact.

In recognition of his outstanding contributions, Prof. Anosike was given a double honour and also awarded a Certificate of Recognition as Nigeria's Top ECO-HERO 2025. At the awards ceremony, he was represented by Mrs Glory Onyegbule, Director of Applied Meteorological Services.



The 16th International Conference on Marine Navigation and Safety of Sea Transportation (TransNav 2025)

**Wednesday, 11th – Friday, 13th June, 2025 -
Gdynia Maritime University, Poland.**



L-R: Mr Levi Benson (ACM-Marine), Prof. Vincent Ezikornwor Weli, (Director Weather Forecasting Services) and Mrs Sholademi Mutiat Olaide (GM-Marine) and



TransNav 2025 marked the 16th edition of the prestigious international conference dedicated to marine navigation and sea transportation safety. With participation from 83 countries, the event brought together a diverse community of maritime professionals, academics, industry leaders, and policymakers. The conference served as a global platform for exchanging knowledge, showcasing research, and fostering collaboration across the maritime sector. The conference focused on:

- Safety and security in marine navigation
- Technological innovation and digitalisation
- Sustainable and energy-efficient shipping
- Protection of critical maritime infrastructure
- Legal, economic, and environmental aspects of sea transport

The conference was very successful and highly knowledgeable. It revolved mainly around safety

and security, technological innovation and digitalisation, sustainable and energy-efficient shipping and Legal, economic, and environmental aspects of sea transport. NiMet was well represented during the Parallel Specialist and Poster Session, with the leader of the Agency's delegation, Prof. Vincent Ezikornwor Weli, co-chairing a session on Marine Environment. Other members of the Agency's delegation were Mrs Sholademi Mutiat Olaide (GM-Marine) and Mr Levi Benson (ACM-Marine).



World Artificial Intelligence Conference (WAIC)

26th - 28th July 2025
Shanghai, China



L-R: Mr Sanwoolu Ayodeji (NiMet), Celeste Saulo (WMO Secretary-General), and Mr Okanlawon A (NiMet)



From 26 to 28 July 2025, Shanghai hosted the 8th World Artificial Intelligence Conference (WAIC) under the theme “Global Solidarity in the AI Era”. A major highlight of the conference was the AI-powered Meteorology for Early Warnings for All forum (26–27 July), co-sponsored by CMA and WMO, convening experts from 26 countries and international bodies to advance AI solutions in weather forecasting and early warnings.

Mr Sanwoolu Ayodeji and Mr Okanlawon A. A represented the Nigerian Meteorological Agency (NiMet) and made a presentation on behalf of the Director General/CEO, titled “Harnessing Artificial Intelligence to Transform Meteorological Operations in Nigeria and Beyond” showcasing the Agency's in-house technology, the Meteowiz's capability as a homegrown AI forecasting platform. The presentation featured:

- i. Focused on real-time nowcasting and DPFS-driven short-range impact-based forecasts.
- ii. The Agency's capabilities resonated strongly with international best practices discussed at the forum.



AIM For Scale

A program aimed at scaling innovations like high-quality weather forecasting to farmers in low- and middle-income countries to help them adapt to climate change.

29th - 31st May 2025

Nairobi, Kenya



Mr Oluwaseun Wilfred Idowu (TA to DG/CEO) 1st left, Prof. Peter Odjugo (Director, Research and Training) 6th left

The AIM for Scale program held a convening in Nairobi to improve weather forecasting for farmers, while the Data for Soil Health and Scale Summit in June 2025 aimed to address soil degradation through innovative solutions. Both initiatives emphasize partnerships and investments to bring scalable solutions to farmers in low- and middle-income countries. A recently held convening in Nairobi to advance this goal

With support from the World Bank, Islamic Development Bank, World Meteorological Organisation, Google and other sources, the Bill and Melinda Gates Foundation are arranging a range of package of investment for weather services on DCAS for farmers, improvement of weather observation network, benchmarking tools and validation (e.g. AI), capacity development and training (e.g. AI Forecasting techniques), Dissemination to the last mile, among others.

The objective of AIM FOR SCALE is to accelerate the

effort of forecasting applications, and focusing on scaling up of weather forecasting activities for farmers is key to the organisation.

The meeting ended with thoughts on

- Country-level benchmarking tools for NMHSS are key to the implementation of AI Models.
- Availability of quality data sets
- Retraining of AI Models, especially for benchmarking with local data sets
- Leveraging existing institutions, e.g. RCCs, RTCs, Global WHIPPS Centre, etc, for training and benchmarking
- AI-Model products availability using the current dissemination channels of WMO for physics-based NWP models.

The Nigerian Meteorological Agency (NiMet) was represented by Prof. Peter Odjugo (Director, Research and Training) and Mr Oluwaseun Wilfred Idowu (TA to the DG/CEO).

The International Course on AI-Empowered Early Warning for All

9th –13th June 2025

Shanghai, China



Dr. Ajibola Felix Olabamiji (Principal Meteorologist/PWS)

The International Course on AI-Empowered Early Warning for All, held from 9th to 13th June 2025 in Shanghai, China. The training focused on leveraging artificial intelligence technologies to enhance urban multi-hazard early warning systems and improve national capacities in climate risk management and disaster preparedness.

The course featured lectures, hands-on sessions, and group discussions covering the following core areas:

- AI Fundamentals and Ethical Use in Climate Services
- Early monitoring, forecasting and dissemination of extreme weather

- Machine Learning for Weather Forecasting and Climate Modelling
- AI Applications in Flood, Drought, and Heatwave Warnings
- Building People-Centred, Impact-Based Early Warning Systems

The Nigerian Meteorological Agency (NiMet) was represented at the training by Dr. Ajibola Felix Olabamiji (Principal Meteorologist/PWS). The participant on his return, has since organised a two-day workshop to step down the knowledge gained at the training to his colleagues.



The eighth session of the Global Platform for Disaster Risk Reduction

2nd - 6th June 2025

Geneva, Switzerland



Haruna Zakari (GM-AgroMet) and James Ijamby Adamu, PhD. (AGM AgroMet)

The eighth session of the Global Platform for Disaster Risk Reduction took place from 2 to 6 June 2025 in Geneva, Switzerland. It was co-chaired by Ambassador Patricia Danzi, Director-General of the Swiss Agency for Development and Cooperation, and Kamal Kishore, Special Representative of the United Nations Secretary-General for Disaster Risk Reduction and the Head of the United Nations Office for Disaster Risk Reduction.

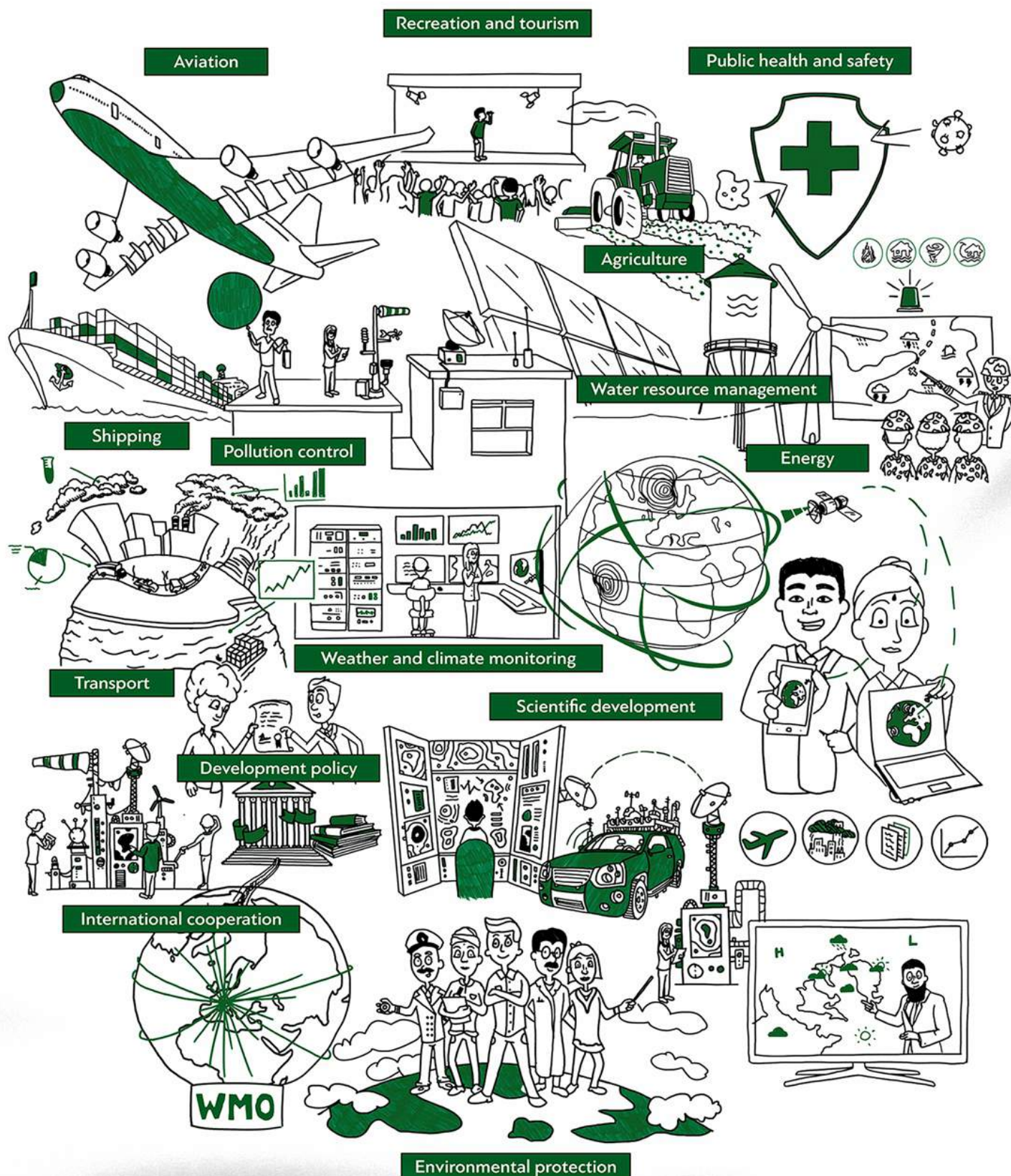
The Global Platform had over 3,000 in-person participants from 164 countries, with nearly 600 participants joining online. A total of 45 per cent of in-person participants were women, at least 58 were persons with disabilities, and 96 were children and youth, who had a prominent role in shaping many sessions and were part of several national delegations. It was also the first Global Platform to

feature a humanoid robot.

This edition of the Global Platform was the first since the Midterm Review of the Implementation of the Sendai Framework for Disaster Risk Reduction 2015–2030. Since 2015. The Nigerian Meteorological Agency (NiMet) was represented at the event by Haruna Zakari (GM-AgroMet) and James Ijamby Adamu, PhD. (AGM AgroMet).



Reporting Weather And Climate Information To Support Climate Risk Mitigation





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