



Alliance for Hydromet Development Annual Meeting 2026

Hosted by the Government of Nigeria

13- 15 October 2026: Lagos, Nigeria

Theme: Partnerships, Innovation and Sustainable Investment in Weather, Water and Climate Services

Venue: Eko Hotels & Suites

CONCEPT NOTE

1. Background and Rationale

Weather, water and climate services are fundamental enablers of sustainable development, economic growth and societal resilience. They provide the intelligence that supports disaster risk reduction, food security, water resources management, energy generation, transportation, public health, environmental protection and climate adaptation. As climate variability and extreme weather events continue to intensify, the demand for reliable and actionable weather, water and climate information has never been greater.

Significant progress has been made over the past decade through increased investments in hydrometeorological infrastructure, modernization of National Meteorological and Hydrological Services (NMHSs), regional cooperation and the expansion of early warning systems. Global initiatives such as the Early Warnings for All Initiative (EW4All), the Systematic Observations Financing Facility (SOFF), the Climate Risk and Early Warning Systems (CREWS) Initiative, and investments by Climate Funds, Multilateral Development Banks and bilateral development partners have demonstrated the growing recognition that weather, water and climate services are essential public goods.

Despite these advances, major challenges remain. Many NMHSs continue to face inadequate and unpredictable financing, ageing observation infrastructure, limited operation and maintenance resources, shortages of skilled personnel, fragmented investments, and insufficient engagement with the users of weather, water and climate intelligence. As demand for high-quality services continues to grow, sustainable institutional and financing models are becoming just as important as investment in infrastructure itself.

At the same time, the global weather enterprise is undergoing rapid transformation. Advances in artificial intelligence, cloud computing, digital technologies, satellite observations and private sector innovation are fundamentally changing how weather, water and climate information is generated, exchanged and delivered. New opportunities are emerging for governments, international organizations, academia and the private sector to work together to improve service delivery while ensuring that National Meteorological and Hydrological Services remain the trusted national authorities responsible for public weather, water and climate services.

Against this backdrop, stronger coordination among development partners, governments, financing institutions and the private sector is essential. The Alliance for Hydromet Development was established to strengthen that coordination by bringing together major international development, humanitarian and climate finance institutions to increase the effectiveness, sustainability and impact of investments in weather, water and climate services. As the Alliance enters a new phase of implementation, there is a growing need for a strategic platform where Alliance members and partners can collectively review progress, share experiences, strengthen partnerships, identify emerging priorities and shape future investments.

The Alliance for Hydromet Development Annual Meeting 2026, hosted by the Government of Nigeria, will bring together governments, Alliance members, NMHSs, development partners, multilateral development banks, climate finance institutions, regional organizations, academia, the private sector and major users of weather, water and climate intelligence to strengthen collaboration and accelerate sustainable investment in weather, water and climate services.

Hosted in Nigeria, the Meeting will provide a unique opportunity to showcase African leadership while addressing global priorities for strengthening hydrometeorological services. It will serve as a platform for translating partnerships into action by promoting coordinated investment, innovative financing, public-private engagement and sustainable business models that enhance the long-term resilience of weather, water and climate services worldwide.

As host, Nigeria serves as a practical case study in national leadership, showing how a country can strengthen its hydrometeorological services and coordinate investment in service of the Alliance's wider objectives. Nigeria's experience is offered to illuminate the Alliance's global agenda.

2. Purpose

The Alliance for Hydromet Development Annual Meeting 2026 will serve as a strategic convening platform for dialogue, collaboration and partnership.

The Meeting will bring together Alliance members and key stakeholders from across the global weather, water and climate community to strengthen strategic coordination, promote innovative partnerships, mobilize sustainable investment and advance practical solutions that improve the delivery and long-term sustainability of weather, water and climate services.

Recognizing the increasing importance of cross-sector collaboration, the Meeting will place particular emphasis on strengthening engagement between National Meteorological and Hydrological Services, governments, development partners, financing institutions, the private sector and the users of weather, water and climate intelligence across weather-sensitive sectors.

3. Strategic Pillars

The Alliance for Hydromet Development Partnership Meeting 2026 will be structured around five strategic pillars that reflect the Alliance's mission to strengthen partnerships, coordinate investments and promote sustainable weather, water and climate services. Together, these pillars provide the strategic framework for the Meeting and will guide the high-level dialogue, technical discussions and partnership initiatives over the three-day programme.

Strategic Pillar	Objective	Key Areas of Discussion
Strategic Pillar 1 – Strengthening Partnerships and Alliance Coordination	Strengthen collaboration among Alliance members, governments, development partners, regional organizations and other stakeholders to improve coordination, enhance the effectiveness of hydrometeorological investments and shape future Alliance priorities.	- Progress and future direction of the Alliance for Hydromet Development - Business models for sustaining hydromet investment - Strengthening global, regional and national coordination - Investment planning and pipeline development - Knowledge sharing and lessons learned - Strengthening collective action across partners - Country Hydromet Diagnostics and their financing, - Socio-economic benefits of hydrometeorological services,
Strategic Pillar 2 – Mobilising Sustainable Investment	Promote innovative financing approaches and investment partnerships that strengthen the long-term sustainability of weather, water and climate services while supporting country	- Public investment and domestic resource mobilisation - Multilateral Development Bank financing - Climate finance

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	ownership and nationally led development priorities.	- Bilateral development cooperation - Philanthropic partnerships - Blended finance and innovative financing mechanisms - Sustainable financing for operation and maintenance - The WMO Commons and financing global public goods <i>As host, Nigeria will convene its national investment community, financial institutions, insurers, investors and industry principals, alongside Alliance members, so that the case for sustained investment in weather, water and climate services reaches those able to act on it.</i>
Strategic Pillar 3 – Innovation and Public-Private Engagement	Advance collaboration between governments, National Meteorological and Hydrological Services, the private sector, academia and research institutions to accelerate innovation, strengthen service delivery and unlock new opportunities across the weather, water and climate value chain.	- Implementing the WMO Policy and Guidelines on Public-Private Engagement - Artificial Intelligence and digital transformation - Cloud computing and digital infrastructure - Satellite services and Earth observation - Data sharing, interoperability and responsible data governance - Innovation partnerships - Co-production of weather, water and climate services - Emerging technologies supporting resilient development
Strategic Pillar 4 – Delivering Value through User-Centred Services	Strengthen partnerships between service providers and users to ensure weather, water and climate services respond to socio-economic needs, support informed decision-making and maximise development impact.	- Agriculture and food security - Water resources management - Energy and hydropower - Aviation, maritime and transport - Disaster risk management and humanitarian action - Public health - Insurance and financial services - Telecommunications and the digital economy - Co-design and co-production of user-centred services - Service gaps, operational decision-making
Strategic Pillar 5 – Building Sustainable Hydrometeorological Services	Promote practical approaches for strengthening the long-term institutional, technical and financial sustainability of hydrometeorological services through improved business models, resilient infrastructure and strengthened national capacities.	- Sustainable business models for NMHSs - Total Cost of Ownership and affordability - Sustainable observation infrastructure - Operation and maintenance financing - Institutional strengthening and governance - Human resource development and capacity building - Cost-effective modernisation pathways - Country experiences and good practices - Scaling sustainable hydrometeorological

4. Participants

Governments Ministers responsible for meteorology, environment,	Alliance for Hydromet Development Members	Regional Organizations - African Union - Regional Economic Communities
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finance, water, agriculture, transport, disaster management and planning National Meteorological and Hydrological Services	(Climate Funds, UN Partners and MDBs): https://alliancehydromet.org/DevelopmentPartners Development Partners - Development finance institutions - Bilateral development partners - UN and Humanitarian organizations	- Regional Climate Centres - River Basin Organizations - Regional Development Banks
Private Sector - Weather and climate service providers - Satellite operators - Technology companies - Artificial intelligence developers - Cloud computing providers - Telecommunications companies - Engineering firms - Infrastructure providers - Insurance and financial institutions	Academia and Research Institutions - Universities - Research organizations - Centres of Excellence	Users of Weather, Water and Climate Intelligence <i>Representatives from major weather-sensitive sectors, including:</i> - Agriculture - Water resources - Energy - Aviation and Transport - Maritime - Mining - Health - Disaster Risk Management - Insurance - Banking and Finance

5. Expected Outcomes

Strategic Outcomes	- Stronger coordination among Alliance members and partners. - Enhanced political recognition of weather, water and climate services as critical infrastructure for sustainable development. - Renewed commitment to coordinated investment through the Alliance for Hydromet Development.
Partnership Outcomes	- Expanded public-private engagement across the weather enterprise. - Stronger partnerships between NMHSs and major users of weather, water and climate services. - New collaborative initiatives between governments, development partners and the private sector.
Technical Outcomes	- Shared recommendations on sustainable business models for hydrometeorological services. - Improved understanding of approaches for financing operation and maintenance of observation infrastructure. - Greater exchange of knowledge and good practice on modernization and service delivery.
Investment Outcomes	- Strengthened coordination of hydrometeorological investments. - Enhanced awareness of emerging financing opportunities, including the WMO Commons and complementary financing mechanisms. - Identification of priority areas for future Alliance collaboration and investment.
Meeting Outputs	- Alliance Communique consolidating outcomes, recommendations and priorities of the Meeting. - Summary of key recommendations and actions. - Forward work programme for the Alliance for Hydromet Development. - Recommendations for the 2027 Workplan and Annual Meeting.