

## VALUES

### Transparency and Accountability



ACMAD is committed to building trust in meteorological services by enforcing transparency and accountability for service delivery.

### Partnership and Cooperation



ACMAD believes in cooperation and partnership to ensure continental complementarity, subsidiarity and delivery.

### Inclusiveness and diversity



We value the diversity of African cultures, knowledge, and experiences, ensuring that our services are accessible to all. The African rich heritage with women and youth is at the heart of all activities ( e.g. training, recruitment, workshops).

### Knowledge Management



We are committed to using the best available scientific data and traditional knowledge to inform our decisions and improve our services.

## FLAGSHIP INITIATIVES

In the short term, ACMAD aims to be a pioneer in three priority initiatives:

**1. Artificial Intelligence (AI) Weather Model for Africa :** Develop an operational AI model to improve forecasting and climate risk management.

**2. Heat Wave Early Warning System (HWEWS) for Africa :** Implement an early warning system to protect Africa vulnerable population from the harmful effects of heat waves.

**3. Impact-Based Forecasting (IBF) :** Develop forecasting models that consider the potential impacts of weather and climate events on different hazards.

## OUR PARTNERS



### Our Success Key



### Follow us



### Contact Information

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## African Center of Meteorological Applications for Development



*Making Weather, Water and Environment Resources for Development*

# Three-Year Strategic Plan (2025-2027)

## Foreword

*“ACMAD's Strategic Plan 2025-2027 is our renewed commitment to a resilient, sustainable and prosperous Africa. Leveraging our strong partnerships, expertise and clear vision, we are ready to transform climate challenges into opportunities for sustainable development across the continent through innovation.”*

**Dr. Ousmane Ndiaye**  
Director General



# VISION

To be a world-class continental operational Centre of excellence contributing to a prosperous Africa with well-resilient population to extreme events and empowered to reduce climate change impacts.

# MISSION

To act as an Africa weather and climate watch centre and a centre of excellence for the Applications of meteorology for sustainable development.

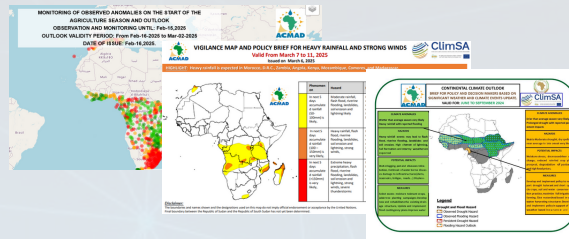
- As an Africa weather and climate watch Institution, ACMAD will provide African countries with regular continental short, medium to long-range meteorological and climate prediction and support regional early warnings on extreme weather and climate events (drought, tropical cyclones, heavy rainfall, heat waves...)
- As an Africa's Centre of Excellence for Meteorological Applications, ACMAD will build the capacity of African experts, develop new methodologies, support global programs, provide training, maintain research facilities, and deliver tailored products to enhance national meteorological services and promote sustainable development.

# GOALS

## Goal 1

### Reduce capacity gaps in meteorology and its applications in Africa

- **Goal 1.1:** Fill competency gaps to provide services for early warning, climate action and sustainable development.
- **Goal 1.2:** Support National Meteorological and Hydrological Services, Regional Centres and Users with leadership, management, technology and new services capabilities.



## Goal 2

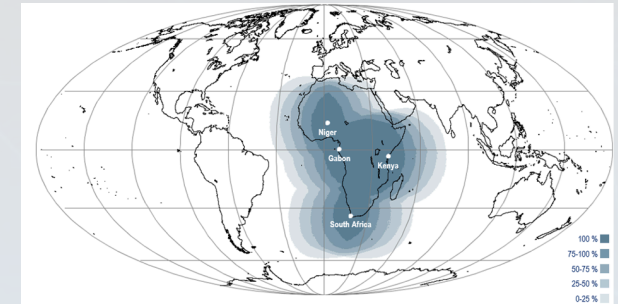
### Provide quality services at national and regional levels for early warning, climate change adaptation and sustainable development

- **Goal 2.1:** Support advisories and watches to strengthen warnings at the national level for preparation and disaster responses.
- **Goal 2.2:** Improve climate services to reduce climate change impacts and support sustainable development.
- **Goal 2.3:** Support for new and innovative services.

## Goal 3

### Better access to data, Research and innovation on African weather and climate

- **Goal 3.1:** Enable better access to data.
- **Goal 3.2:** Enhance research and innovation for development.



Regional Advanced Retransmission Service RARS Africa Coverage (source: EUMETSAT)

## Goal 4

### Reduce capacity gaps in meteorology and its applications in Africa

- **Goal 4.1:** Strengthen the governance and partnerships.
- **Goal 4.2:** Improve management of the organization.