

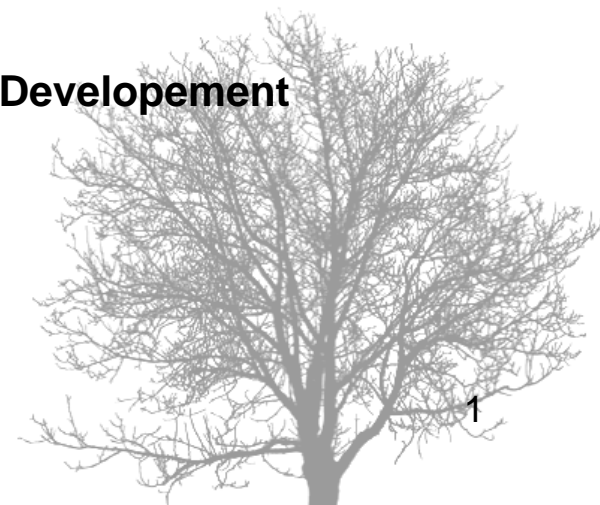


ClimDev-Africa

# **ACMAD PROGRAMME**

## **Two decades of achievements and some lessons learned**

**Mohammed KADI**  
**African Center of Meteorological Applications for Development**  
**BP, 13184 Niamey Niger**  
**[www.acmad.org](http://www.acmad.org)**

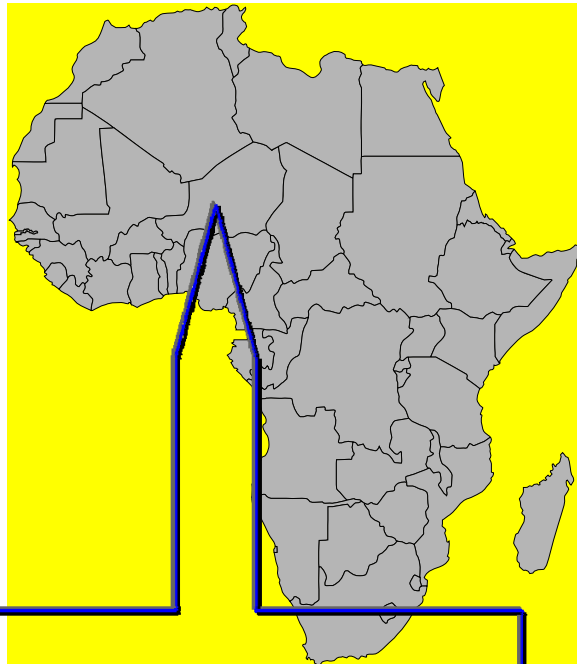


# BRIEF ON ACMAD

Making Weather, Climate and Environment , resources for Sustainable development

## Vision

1. **Enhance** African countries / SNMHs capability to understand, anticipate and manage the impacts of weather and climate fluctuations to support the achievement of sustainable development and poverty reduction
2. **Provide** advanced notice on potential weather and climate related hazards and information for the implementation of policies for vulnerability reduction and adaptation to climate variability and change
3. **Improve** forecasts and **provide** user oriented information & products
4. **Consolidate** weather / climate monitoring efforts in Africa better understand the African weather systems (monsoon)
5. **Facilitate** exchange of information, experience and expertise; and strength sustainable institutional mechanisms



- 1) 1987 :UN ECA & WMO
- 2) Mandate covers the 53 African States.
- 3) Niamey NIGER since 1992.
- 4) **Run by a team of experts from all sub regions**

# THE TWO LAST DECADES ACHIEVEMENTS (1991-2009)



# Two decades of Achievements Summary

1. Delivery of weather & climate services and strengthening Africa's NMHSs and the link to society
2. Improvement of critical mass of African trained meteorologists & climate scientists
3. Contribution to improving climate knowledge & support to key socio-economic development sectors



# 1. Weather & climate service delivery to strengthening Africa's NMHSs and the link to society

- i. Data Access, availability and management including rescue
- ii. Weather & Climate Prediction Products and Information Services: <http://www.acmad.org>
- iii. Dissemination of Climate Prediction and Information for Decision-making including rural communities (PUMA, RANET)
- iv. The Regional Climate Outlook Forum (RCOF) process



## 2. Capacity Building & Training

- i. Holding more than 50 workshops and seminars related to climate data management & rescue, data and information dissemination, climate and weather forecasting, applications to key sectors, climate modelling & climate change , vulnerability assessment and risk management ...
- ii. Training of more than 500 members of NMHSs and partners in different area of climate application and weather forecasting
- iii. Supporting 100 African Experts (secondment) and 25 research teams (Firma)
- iv. Providing methodologies, computing, communications and dissemination systems (equipment & related software).
- v. Contributing to WMO/THORPEX , AMMA, WMO/SWDR, RIPIESCA ...
- vi. Undertaking research projects to improve its products



### 3. Climate Risk management & Climate Change adaptation (CRM/CCA)

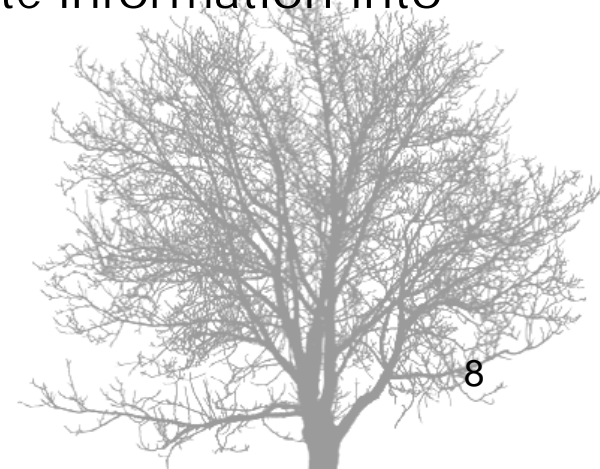
- i. Produced several studies related to the Africa's climate and its evolution as input to many research projects (Vision 2020, Hydrological forecast for Niger Basin, Climate Scenarios for a small basin)
- ii. policy makers awareness (Several presentation at policy and decision makers meetings, contribution to the "African Union head of States" declaration on climate Change (Addis Ababa – January 2007) and
- iii. Contributed with GCOS, the ECA, AUC & AfDB joint secretariat to the preparation and the consolidation of the ClimDev Africa program since 2006.
- iv. Linked effectively to Health and humanitarian communities



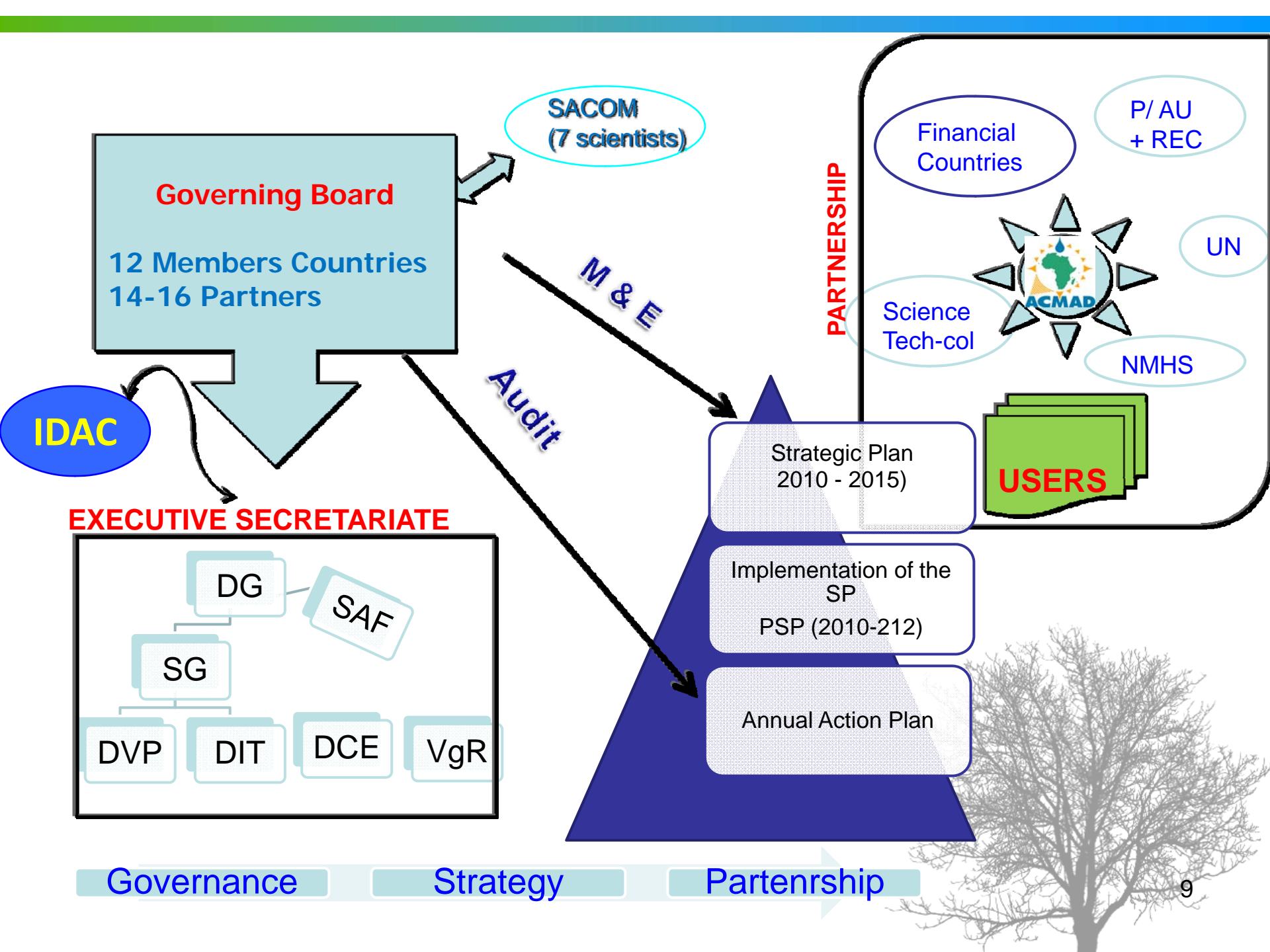
## THE 2009 QUALITATIVE MOVE FORWARD

Lessons learned from the 2 decades (up to 2008\_2009) commanded ACMAD to :

1. Built a new Strategic plan (2010-2015) with an implementation plan and improve governance, management (accountability) and strengthen partnership
2. Engagement in effective mainstreaming climate information into development and in DRR & CCA







IDAC

**Governing Board**

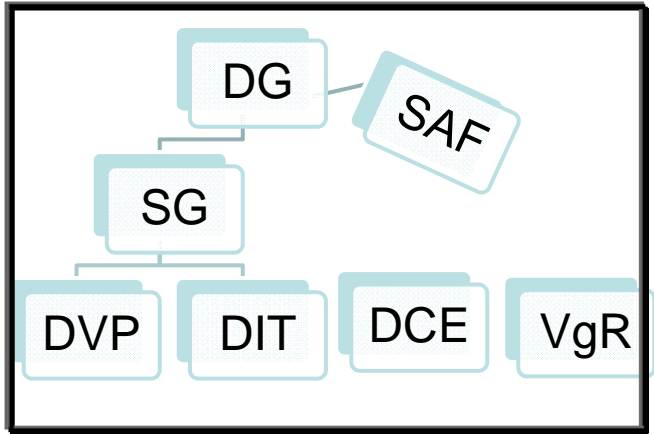
12 Members Countries  
14-16 Partners

SACOM  
(7 scientists)

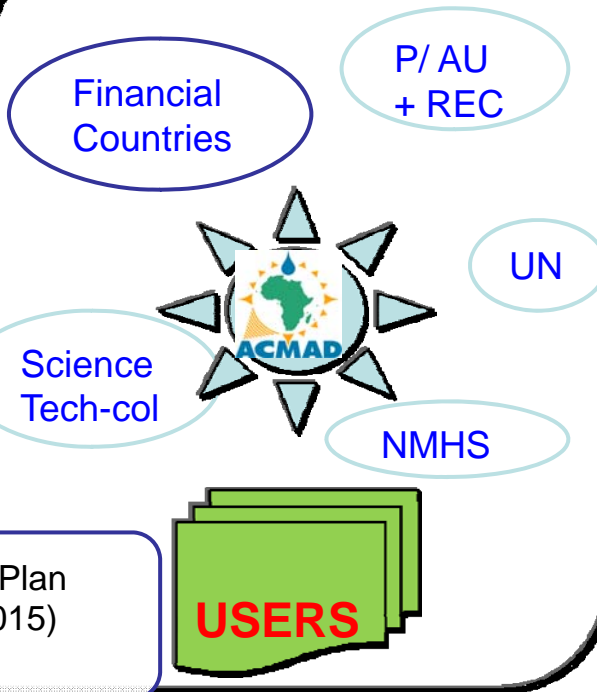
M & E

Audit

**EXECUTIVE SECRETARIATE**



PARTNERSHIP



Strategic Plan  
2010 - 2015)

Implementation of the  
SP  
PSP (2010-2012)

Annual Action Plan

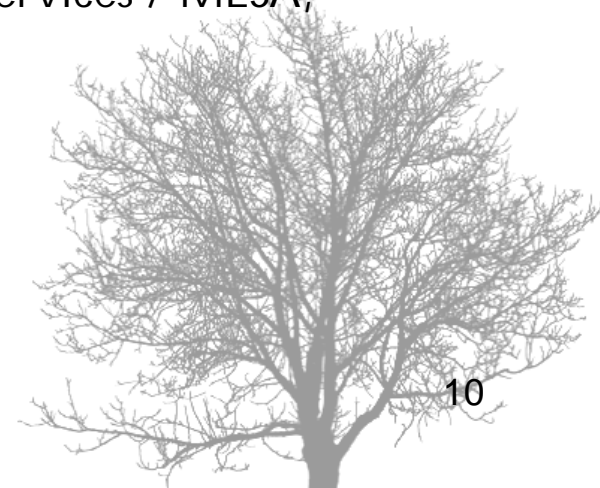
Governance

Strategy

Partnership

# Engagement in mainstreaming climate information into development and in Disaster Risk Reduction & Climate Change Adaptation

1. ACMAD fully involved & partner in the preparation of the climdev\_africa initiative
  - AEWACS project
  - ClimDev\_Africa : AfriClimServ,
2. Climate Services / Framework
  - WMO African Regional Climate Center (RCC)
  - A continental implementing center for Climate services / MESA,
3. Partnership with UNISDR





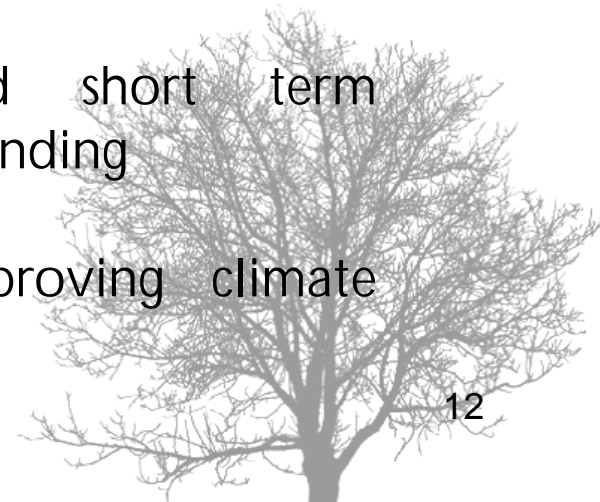
ClimDev-Africa

# Some lessons learned & recommendations



# Lessons learned

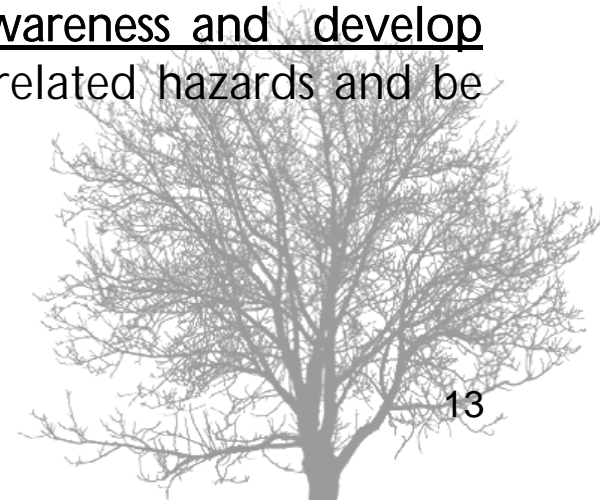
1. Climate information is not an end in itself but rather a tool to contribute to sustainable social and economic development. Linkages need to be clearly set.
2. Decision making requires climate information at different time scale but generally at shorter rather than long time scales.
3. Built on existing African capacity in terms of systems, expertise capacity
4. Strengthening and consolidation should be prioritize
5. Plan for sustainable services and avoid short term research/development projects with fast lasting funding
6. African public awareness is helpful for improving climate resources/risks management.



## RECOMMENDATIONS

In face of the observed increasing climate variability, more likely adverse changes, the meeting the growing & tailored needs for development (operational decision making and planning) requires focus on, but not exclusively, the following areas and issues:

- 1) Develop and sustain the existing infrastructure of the climatic and meteorological basic systems & networks with focus on data and services issues.
- 2) Assist in setting up the required weather & climate modeling infrastructure in African Climate institutions to advance science
- 3) Built a solid and opened based partnership, with focus on sub regional levels, to enhance knowledge sharing, increase awareness and develop demand for weather & climate risk management related hazards and be accountable



THANK YOU

MERCI

CHOUKRAN

OBLIGADO

GRACIAS

