Concept note
Continental ClimSA Project at ACMAD
Project User Interface Platform for Disaster Risk Reduction with emphasis on the Infrastructure Sector, Steering Committee and Early warning for all Stakeholders Meetings

Background

The climate crisis is menacing the existence of mankind with climate change and impacts being felt across nations and particularly in African vulnerable sectors. The state of climate report for Africa in 2021 highlighted the increase of very hot days in the continent from 2 days per year in the 70s to 10 days per year in 2020. More than 40% of the African land masses were hit by heavy precipitation potentially leading to flooding. Widespread impacts of these disasters have been reported particularly on the infrastructure (roads, bridges, water reservoirs. buildings and shelters….).
There are clear evidences that impacts of climate change are also exacerbating development gains, accelerating food insecurity and geopolitical tensions leading to more instability socio economic instability and humanitarian crisis.
The climate crisis is becoming recognized as national security crisis in some countries. To tackle this crisis we must raise awareness on its impacts specifically on critical infrastructure for our live and livelihoods and accelerate development and use of Early warning and early action for all.

In March 2021, the African Centre of Meteorological Applications for Development started implementation of the EU (11th European Development Fund) funded Intra-ACP Climate Services and related Applications (ClimSA) project at continental level through a grant with the African union as Contracting Authority. This programme seeks to strengthen climate services values chain in ACP countries and regions with technical, financial assistance and capacity building.
The ACMAD grant focuses on climate services generation and applications in the agriculture and water, health, disaster risk reduction sectors. The project is being implemented under five main outputs including:

- Structured user interfaces for agriculture, water, health and disasters
- Better climate services generated and delivered
- Improved access to climate data and information
- Enhanced capacity to generate and use climate products
- Climate services integrated in policy and decision processes

It is recognized that current efforts on climate resilience and adaptation are fragmented and small scale. Structures and systems both at national, regional and continental levels are essential for effective action at speed and scale. These meeting will assess the achievements of ClimSA by ACMAD and partners, review and approve the project work plan and budget for next year, facilitate exchanges and build partnerships for Early warning for all at country level in Cote d'Ivoire and promote climate services for resilient infrastructure in Africa.

The Meetings

ACMAD ClimSA Continental Steering Committee

To ensure effectiveness in implementation, the grant agreement on ClimSA at ACMAD foresaw the establishment of the Continental Steering Committee whose members are composed of ACMAD Board of Governors, the EU Delegation to the African union, the OACPS, Technical Implementing Partners (WMO, EUMETSAT and JRC) and key partners of the applications sectors mentioned above. The Steering Committee oversees implementation and provides policy direction to the implementing team. The third ACMAD ClimSA Steering Committee meeting will discuss the second year achievements, review and approve the work plan and budget for year 3.

User interface platform for DRR emphasis on climate resilient infrastructure for Africa

Climate Change is stressing costly infrastructure across Africa (roads, water reservoir destroyed, bridges broken and water flowing above…). In Africa, the risks associated to climate change are not integrated in infrastructure planning, design and development reducing life time and expected benefits overt the theoretical operational life time of the infrastructure. Investments in existing and planned infrastructure should include future climate scenarios for climate resilient design, building and operation. The infrastructure of the 21st century should provide socioeconomic and environmental benefits and contribute to adaptation to the impacts of climate change. Rising waters in coastal cities, more strong storms, droughts and floods projected combined with population growth in cities or low lying settlements are putting high pressure on infrastructure initially not prepared to withstand such pressure. Significant assets in Africa are projected to be vulnerable to infrastructure damages (Figure 1).
In response to the challenge of strengthening infrastructure resilience, ACMAD and partners trough the User interface platform for DRR are organizing the meeting of the ClimSA User interface platform for DRR with emphasis on climate services for infrastructure resilience in Africa to raise awareness for increase investments in infrastructure supporting climate adaptation through partnerships with Federation of African Organizations of Engineers(FAOE).

Partnership for Early warning for all Africa: A country level example

One third of the global population including 60% in Africa don't have assess or use early warning systems and climate information services to make decision on how to address the risks posed by a changing climate. The ClimSA continental User Interface Platform for DRR supports national establishment and operation of User Interface. The meeting is part of efforts by the National Meteorological service of Cote d'Ívoire to establish and operate national early warning and early action system.

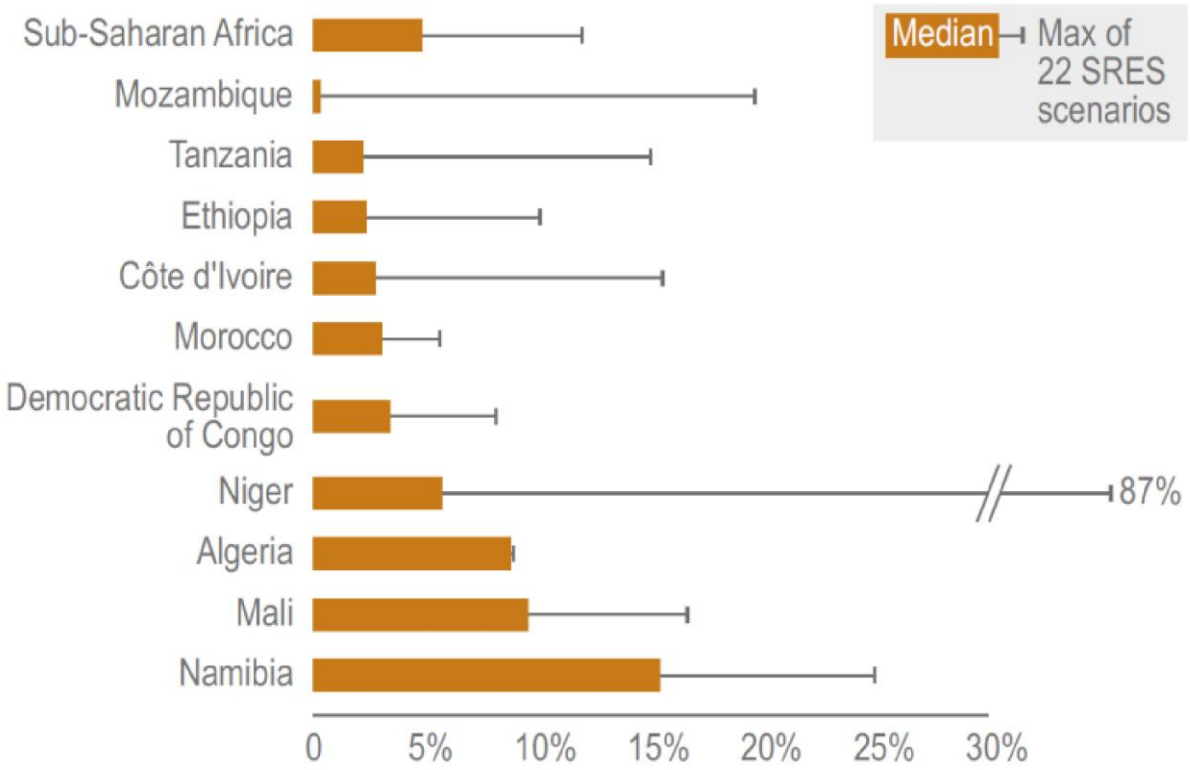

Figure : Percentage of 2021 Gross domestic product of some African countries needed to repair and maintain road infrastructure in future changing climate/ (Source IPCC, Trisos et al., 2022)

Objectives of the Meetings

The purpose of the meetings is to strengthen partnerships on early warning for all and applications for climate resilient infrastructure design, building and operation in Africa.

Specifically, meetings are intended to:

- share information on the ClimSA project achievements
- review and approved the ClimSA work plan and budget for next year
- define climate services for climate resilient infrastructure design, building and operation
- share information on the observed impacts of disaster on infrastructure, the needs and climate services for building resilience in the infrastructure sector
- raise awareness on early warning and early action in Cote d'Ivoire
- establish partnerships between national early warning for all stakeholders

Expected Outcomes

- Raised awareness on ACMAD ClimSA achievements and early warning for all initiative at country level
- ACMAD ClimSA work plan and budget approved
- Information on impacts of disasters on infrastructure shared
- Partnerships for resilient infrastructure and early warning strengthened

Participants

ACMAD ClimSA steering Committee members
- OACPS Secretariat
- Implementing partner (JRC, EUMETSAT, WMP, OACPS,/TAT)
- UNECA
- ARC
- African Development Bank
- UNOCHA
- WHO
- ANBO
- PAFO
- FAOE
- SODEXAM
- National Civil Protection Agency of Cote D' Ivoire
- IFRC national Office in Cote d'Ivoire
- OCHA national office in Cote d'Ivoire
- …..

Draft programme

ACMAD 3rd ClimSA Continental Steering Committee Meeting
Venue: ABIDJAN/Grand BASSAM-COTE D'IVOIRE
Physical and online
Tentative Date: Day 1: April 18, 2023, Time: 09h00-16h00 GMT

Chair: African Union Commission

Time (GMT)	Activity	Facilitator
09:00-09:10	Registration	ACMAD
Session 1	**Opening Ceremony**	**Chairperson**
09:10-09:40	Welcome Remarks by the DG- ACMAD	
	Remarks by ACMAD Board Chairperson	
	Remarks by EUMETSAT	
	Remarks by JRC	
	Remarks by OACPS/ ClimSA Technical Assistance	
	Remarks by WMO	
	Remarks by EU Delegation to the AUC	
	Opening speech by AUC	
Session 2	**Presentations and discussions**	**Chairperson**
09:40-10:00	Presentation and Adoption of the Agenda	
10:00-10:30	Report on the Implementation of past Steering meeting Decisions and Recommendations	

10:30-10:45	Year 2 ACMAD/ClimSA Achievements	
10:45-11:10	Year 3 Work plan and budget	
11:10-11:25	Tea/Coffee Break	
11:25 -12:00	Discussions	
Session 3 12:00-12:45	**Decisions and recommendations**	
	Review of draft Decisions and Recommendations	
12:45-14:15	Lunch Break	
Session4	**Partners Contributions**	
14:15-15:00	JRC, EUMETSAT, WMO, OACPS contributions	
Session 5	**Closing statements**	
15:00-16:00	EU Delegation to AU, OACPS, ACMAD Board, AUC	

ACMAD /ClimSA Meeting of User Interface Platform on Climate Services for DRR with Emphasis on resilient Infrastructure design, building and operation
Venue: ABIDJAN/Grand BASSAM-COTE D'IVOIRE
Physical and online
Tentative Date: Day 2: April 19, 2023, Time: 09h00-17h00 GMT

Time (GMT)	Activity	Facilitator
09:00-09:10	Registration	ACMAD
Session 1	**Opening Ceremony**	**Chairperson of ACMAD Board**
09:10-09:40	Welcome Remarks by the DG- ACMAD	
	Remarks by President of the Federation of African Organizations of Engineers (FAOE)	
	Remarks by AUC	
	Remarks by EU Delegation to the AUC	
Session 2	**Presentations and discussions**	**AUC**
09:40-10:40	Major weather and climate events and impacts on infrastructure in Africa in 2022 by ACMAD and FAOE	
10:40-11:10	Infrastructure Impacts of floods of December 2022 in Kinshasa and Brazzaville by PR of Congo with WMO and FAOE	
11:10-11:25	Tea and coffee Break	
11:25-11:45	2022 floods in Northern Nigeria: Available weather and climate products and floods impacts on infrastructure by Chairperson of ACMAD board and PR of Nigeria with WMO	
11:45-12:45	Weather and Climate products available before and during 2022 floods by JRC, ECMWF and ACMAD	
12:45-14:00	Lunch Break	

14:00 -16:30	Discussions on: - the infrastructure sector risks and needs for climate resilience	**FAOE**
	- weather and climate Services requirements for the design, building and operating resilient infrastructure of the 21st century	**ACMAD**
Session 5	**Closing statements**	
16:30-17:00	**FAOE, EU Delegation to AU and AUC**	

Initial Draft programme for your inputs, suggestions. We may have this for 2 days

Building Partnerships for Early Warning for all initiative in Africa: A national level example
Venue: ABIDJAN/Grand BASSAM-COTE D'IVOIRE
Physical and online
Tentative Date: Day 3: April 20, 2023, Time: 09h00-18h00 GMT

Chair: Director of Meteorological Services of Cote d'Ívoire

Time (GMT)	Activity	Facilitator
09:00-09:10	Registration	ACMAD
Session 1	**Opening Ceremony**	**PR of Cote d' Ivoire with WMO**
09:10-10:00	Welcome Remarks by the Director Meteorological Services and PR of Cote d'Ivoire with WMO	
	Remarks by Chairperson of ACMAD Board	
	Remarks by IFRC country office	
	Remarks by UN OCHA Country Office	
	Remarks by French development Cooperation Agency	
	Opening Speech by DG SODEXAM Remarks by EU Delegation to Cote d'Ivoire	
Session 2	**Partners and roles for Implementation of Early Warning for all in Cote d'Ivoire**	**UNDP country office**
09:40-10:40	UNOCHA	
10:40-11:10	IFRC	
11:10-11:25	National Department of Civil Protection	
11:25-11:45	National Meteorological services	
11:45-12:45	Ministries of Agriculture, water and health	
12:45-14:00	Lunch Break	
14:00 -17:30	Discussions on: - climate risks and needs of national agriculture, water, DRR and health sectors for early warning	**OCHA country office**

	- weather and climate Services requirements for Early warning for all in agriculture, water, DRR and health sectors in Cote d'Ivoire	**IFRC**
Session 5	**Closing statements**	
17:30-18:00	**OCHA, IFRC, Ministries and SODEXAM**	

Draft Budget

ACMAD steering meeting see last meeting budget – 40 participants
User Interface platform see last UIP budget – 50 participants

- **Partnership for early warning for all in Cote d'Ivoire 50 national participants + international participants to ACMAD/ClimSA Steering meeting and UIP for DRR event**
- **Duration in total: 3 to 4 days**