

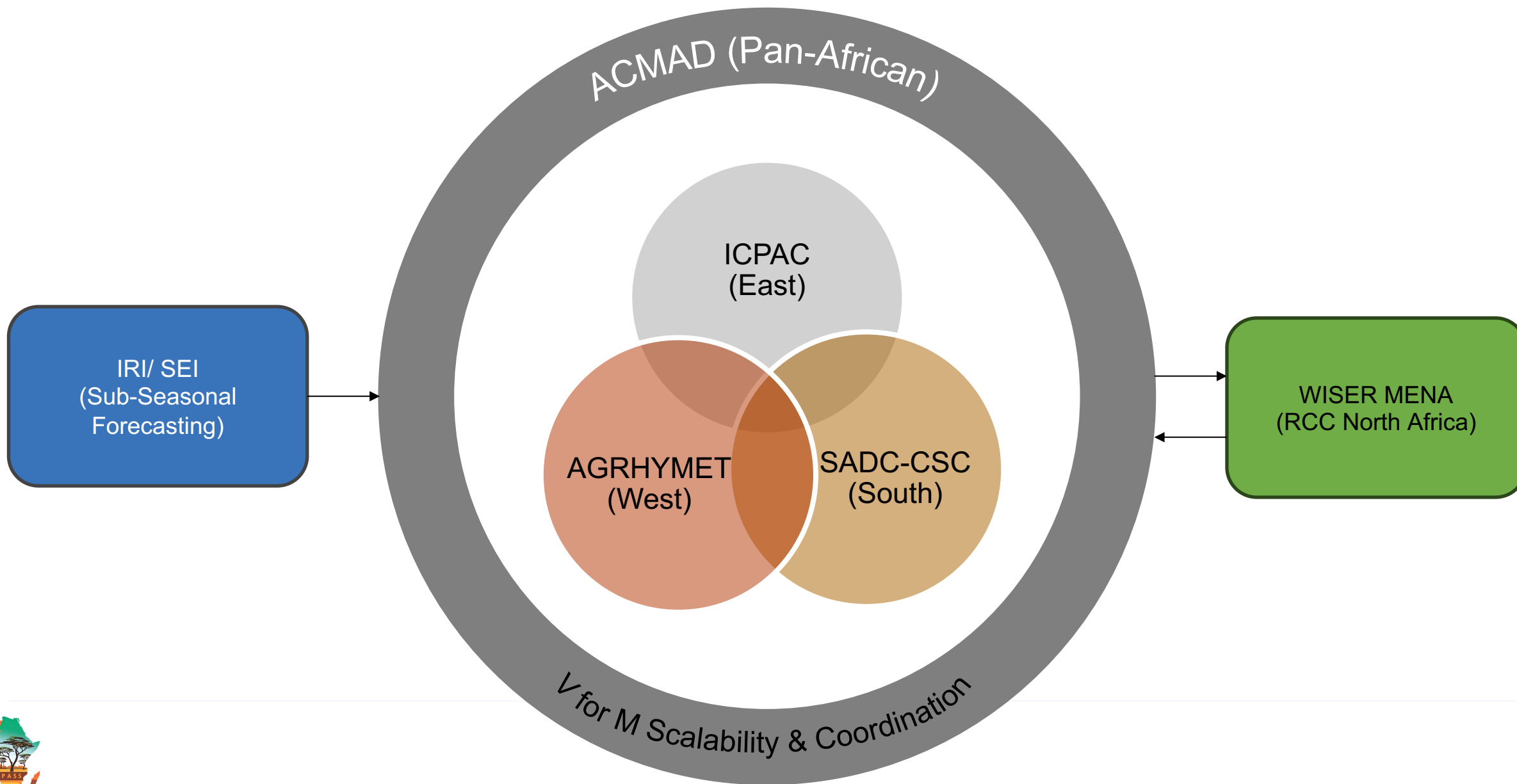


# OVERVIEW OF: **WISER** PAN-AFRICAN SEASONAL STRENGTHENING EAST AFRICA (**PASS-EA**)

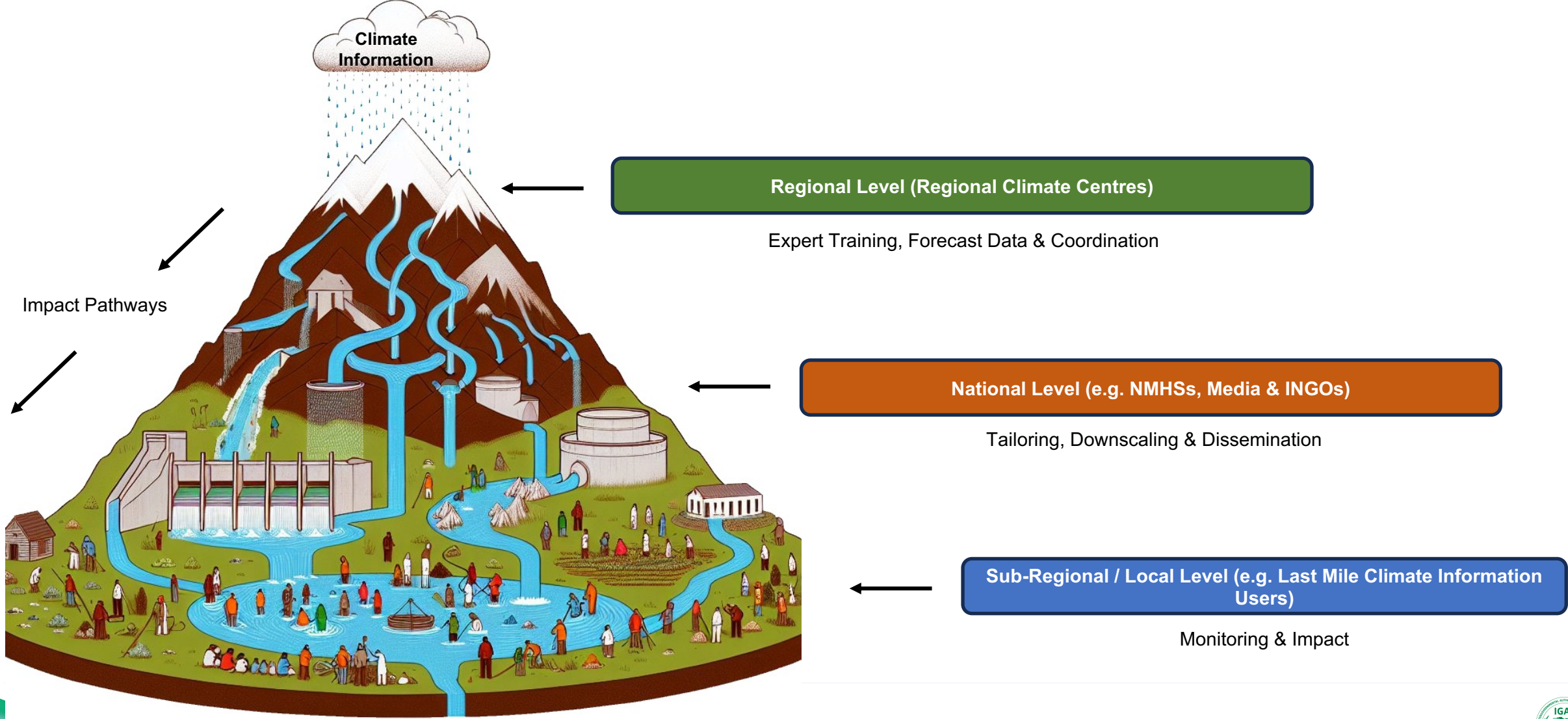
**ACMAD-WISER-PASS Kick-off Meeting**  
**February 26, 2026,**  
**Lomé – TOGO**



# PAN-AFRICAN SEASONAL STRENGTHENING (PASS)

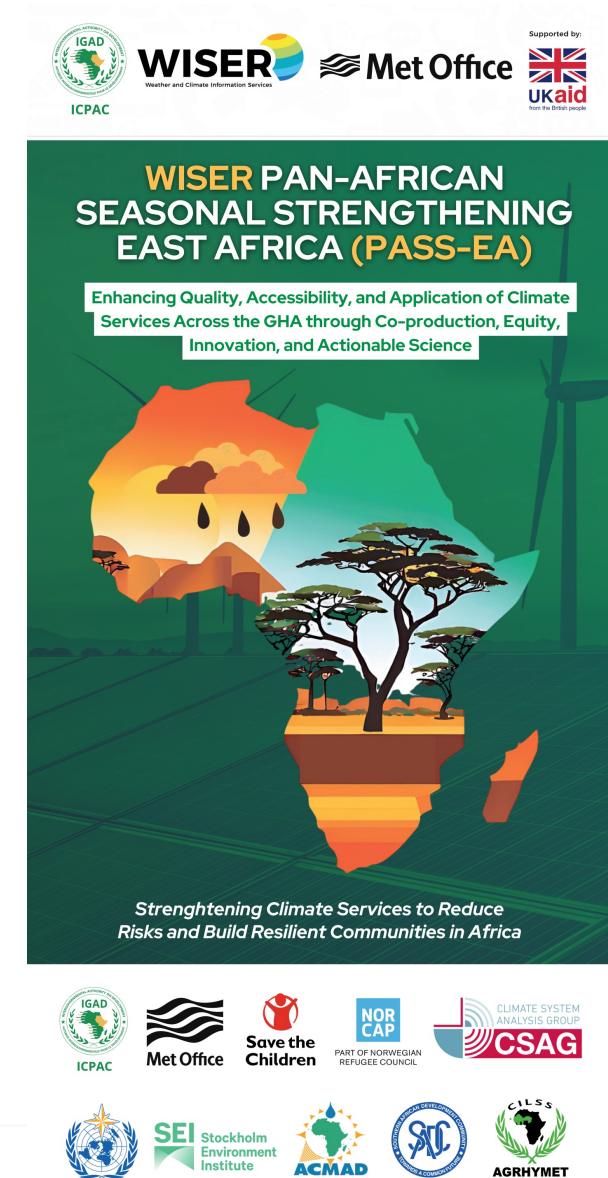


# PASS: CAPACITY CASCADE



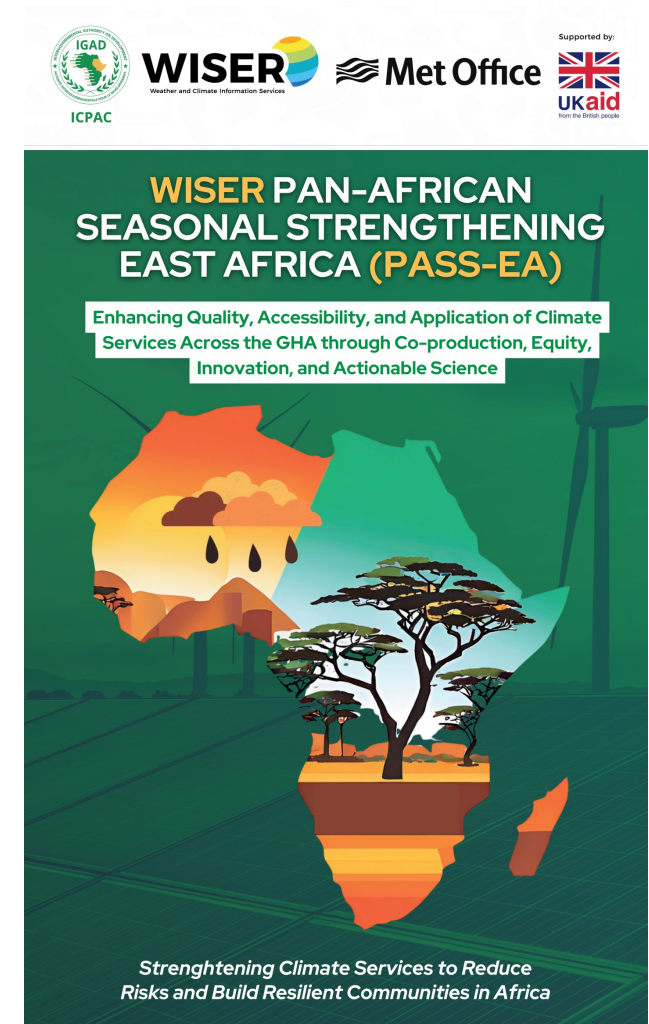
# PAN-AFRICAN SEASONAL STRENGTHENING EAST AFRICA (PASS-EA)

- ➔ The PASS project is a flagship initiative under the **WISER Africa programme**, designed to support communities across the continent that are most vulnerable to extreme weather, climate variability, and climate change.
- ➔ PASS-EA will be implemented through a collaborative partnership between the UKMO and ICPAC.
- ➔ The overarching objective of PASS-EA is to enhance the **generation, delivery, and uptake** of reliable climate information across the GHA.
- ➔ Guided by principles of co-production, equity, innovation, and actionable science, the project ensures these services are useful, usable, and actively applied..
- ➔ By emphasizing tailored solutions to local contexts, the project empowers decision-making that safeguards lives, improves livelihoods, and promotes sustainable development



# PAN-AFRICAN SEASONAL STRENGTHENING EAST AFRICA (PASS-EA)

- ➔ Enhancing Quality, Accessibility, and Application of Climate Services Across the GHA through Co-production, Equity, Innovation, and Actionable Science
- ➔ To strengthen the capacity of ICPAC towards its mission and vision, and other RCCs to develop **improved climate services**;
- ➔ Strengthening the capacities of NMHS forecasters and users to produce and apply actionable climate information to **enhance resilience** to climate impacts and **reduce disaster risks in East Africa**;
- ➔ The PASS will receive funding from UKMO/FCDO (August **2025** –March **2028**)



# PASS-EA: WORK PACKAGES

- 👉 **WP1: STRENGTHENING ICPAC AND NMHS FORECASTING CAPACITY;** This work package strengthens the technical foundations of climate science knowledge and services in the GHA by harmonizing forecasting methods, institutionalizing training, and expanding the use of advanced techniques, including ML and AI. **FCPTW, PRE-COF, Regional Training on S2S, Inter-RCC Knowledge Exchange,**
- 👉 **WP2: FACILITATING GHACOFS AND CO-PRODUCTION OF NEW CLIMATE SERVICES:** This work package reinforces Regional Climate Outlook Forums (RCOFs) as pivotal user-interface platforms that facilitate seamless interaction between climate information providers, intermediaries, and end-users. It addresses persistent gaps in inter-agency coordination and the translation of forecasts into actionable, sector-specific insights. **GHACOF, Sub-COFs, Develop Regional Guidelines for GEDSI**
- 👉 **WP3: ENHANCING COMMUNICATION, SYNERGY, AND STAKEHOLDER EMPOWERMENT:** This WP is designed to amplify the impact of the PASS project by bridging the critical “last-mile” gap between **climate information** and **community action**. Building on successful lessons from the past project, it focuses on **strengthening synergies** between forecasters, governments, and **media**, empowering **youth** as climate advocates, and enhancing the capacity of vulnerable groups to ensure climate information is inclusive and equitable: **National Synergy-Building Workshops, Implementing Seasonal Media Action Plans, Empowering Youth, and Climate Risk Schools. GEDSI Capacity-Building**



# PASS-EA: BUILDS DIRECTLY ON THE SUCCESSES OF WISER/CONFER/CLIMSA/D2E



**Climate Experts**  
WMO RCC



Strengthening the capacity of ICPAC  
Through knowledge sharing



**Climate Inf. Producers**  
NMHS



Foundational **training**  
PreCOF forecast **workshops**  
NMHS **Synergy Building**



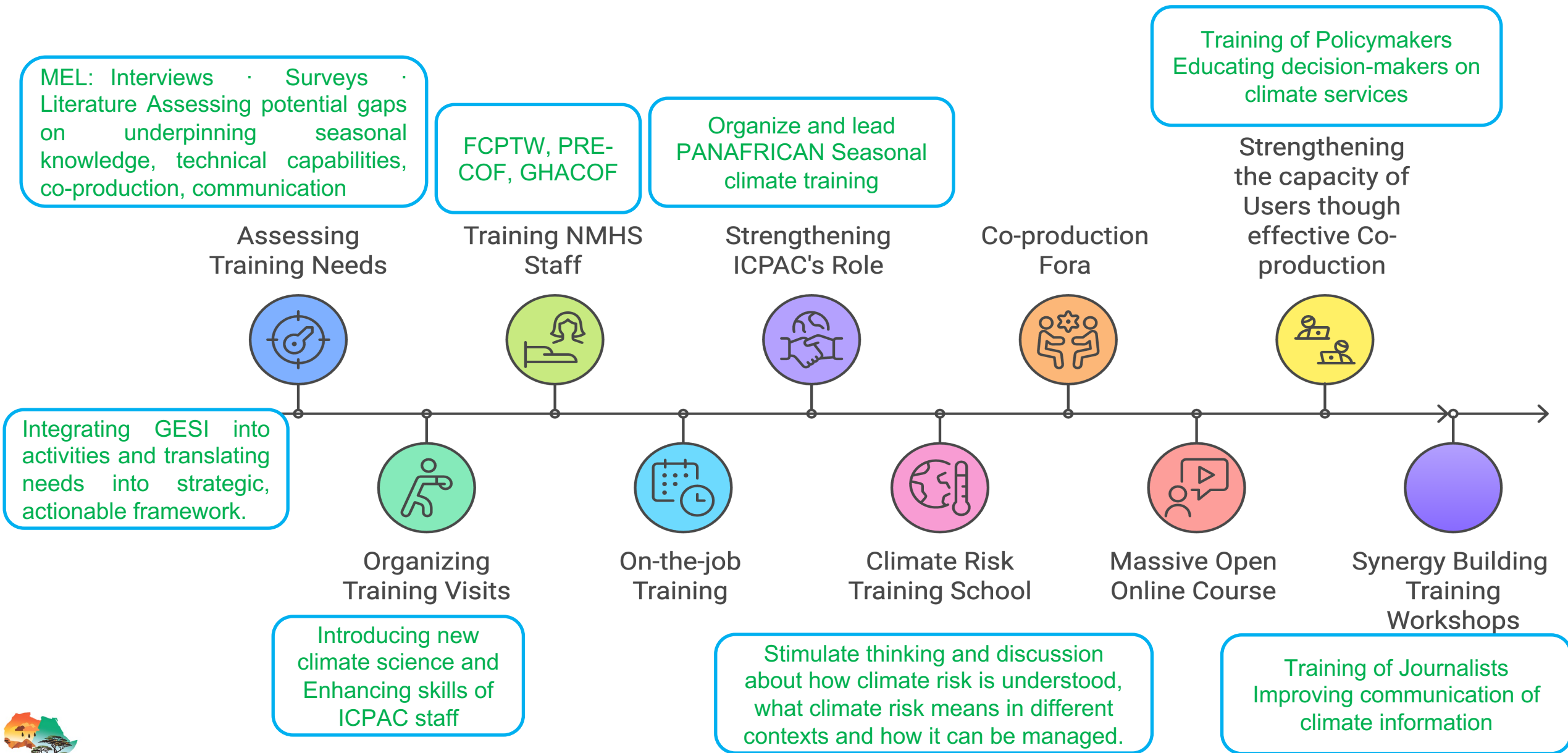
**Climate Inf. Users**  
Media / Sectors



Climate Risk **training**  
GHACOF Discussion **Fora**  
Media **Synergy Building**  
Massive Open **Online Course**

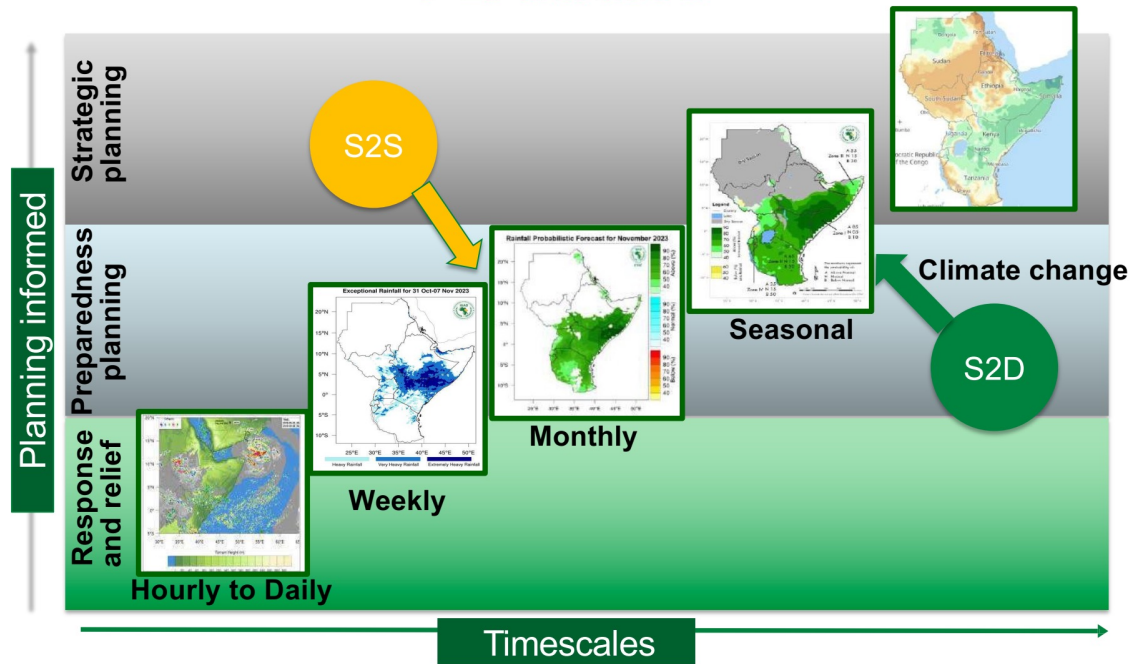


# PASS-EA: STRATEGY



# PASS-EA: IMPROVING SCIENCE AND APPLICATION

➔ **Advancing science and production** – strengthening RCCs’ and NMHSs’ S2S forecasting capacity using dynamical models, statistical techniques, and AI/ML, supported by ICPAC’s HPC; Innovations include **renewable energy forecasting** and mainstreaming GEDSI to guarantee inclusive benefits.



Synergies with ACACIA, AICCRA, and other projects for seamless operationalization integration at ICPAC of information at all levels.

Expanding HPC Storage



Renewable Energy modeling and Climate services



# PASS-EA: BUILDING ICPAC AND NMHS CAPACITY

👉 **Building institutional capacity** – delivering continuous training (FCPTWs, Pre-COFs, sub-seasonal trainings) to institutionalize expertise, foster peer networks, and promote cross-African RCC learning;



**Climate Inf. Producers  
NMHS**



Foundational **training**  
PreCOF forecast **workshops**



# PASS-EA FACILITATING CO-PRODUCTION UPTAKE WCIS

👉 **Choring co-production** – using **GHACOFs**, **NCOFs**, and **sub-COFs** as platforms to translate forecasts into actionable advisories for agriculture, health, energy, water, and DRR;

## GHACOFs



sub-COFs

## WORKSHOP REPORT



## IGAD CLUSTER II AND III MAM 2024 SEASON FORECAST

THE THIRD INTERGOVERNMENTAL AUTHORITY  
ON DEVELOPMENT (IGAD) CLUSTER II AND III MULTI-STAKEHOLDER CLIMATE  
OUTLOOK FORUM FOR MARCH-MAY 2024 RAINFALL SEASON FROM 13–14  
MARCH 2024 IN KOKET HOTEL, MOYALE, ETHIOPIA



# WISER PASS-EA: NATIONAL SYNERGY-BUILDING WORKSHOP

- **Enhancing communication and uptake:** By cascading capacity from regional to community levels through **synergy workshops, climate risk schools, and sub-COFs, PASS-EA** ensures efficient flow of information and last-mile delivery.



**NATIONAL WORKSHOP ON SYNERGY BUILDING IN WEATHER AND CLIMATE PARTNERSHIP BETWEEN NMHS, POLICY MAKERS, CIVIL SOCIETY, PRIVATE SECTOR, AND MEDIA FOR TANZANIA, KENYA, RWANDA & BURUNDI**  
*8-12 December 2025 Naivasha Kenya*

The NSBW to enhance the dissemination of WCIS, recognizing the crucial role of **media** in bridging the knowledge gap.



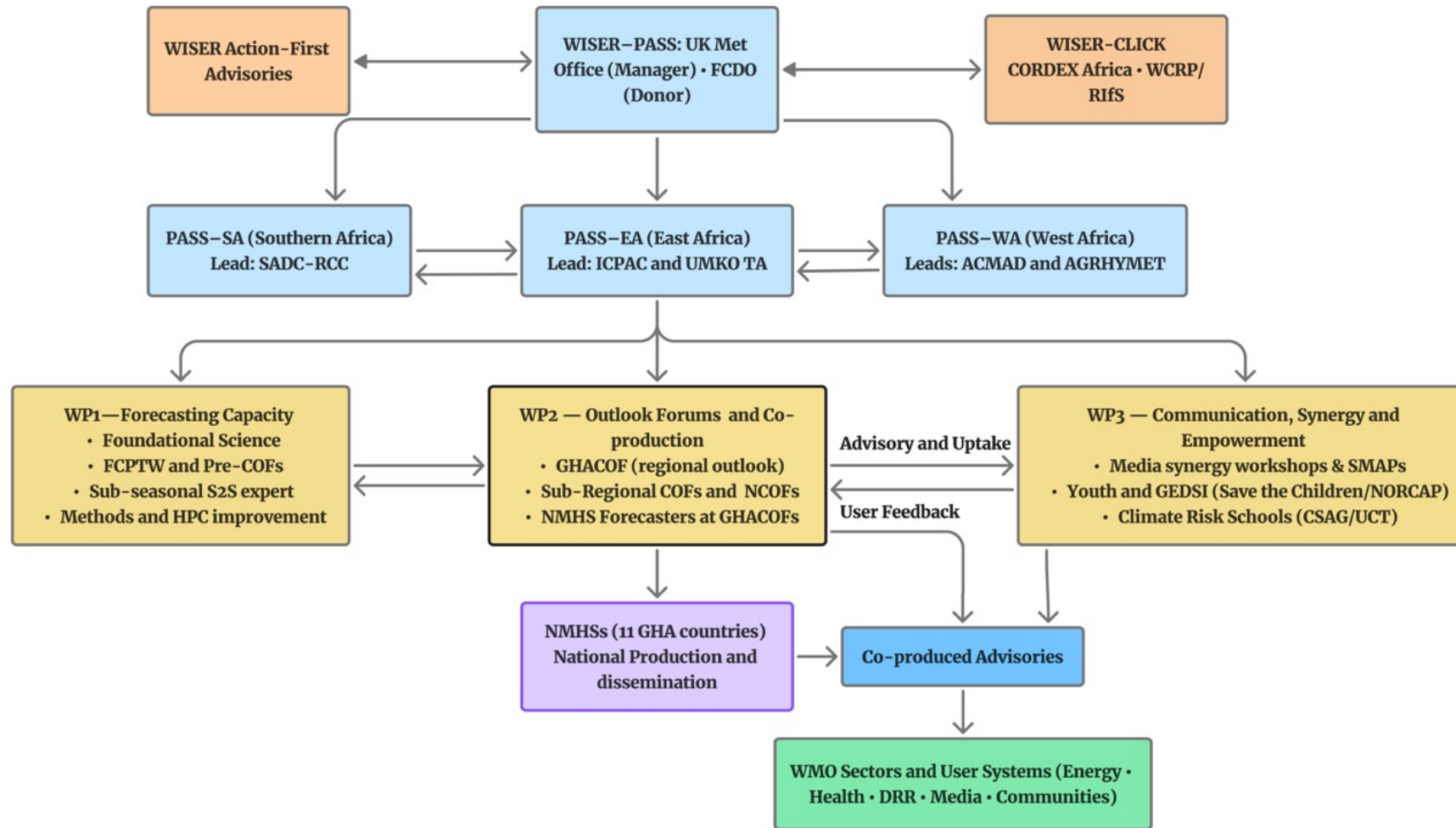
- Provided hands-on mastery of ICPAC's products and services, platforms – **East Africa Hazards Watch** and ..
- Built partnerships and synergies Multi-Sectoral Taskforce (NMHSs, **media**, and **Save the Children**, DRM, Agriculture, Health, Water, Energy, Education and Media) to enhance communication and dissemination of WCIS
- **MSSP**: Development of inclusive, sector-specific and hazard-specific messages, Regular local-level simulation exercises and drills at community level; Production of multi-language handbooks and standard operating procedures; that translate forecasts into concrete actions in agriculture, water, energy, health and disaster management;

# THE PASS-EA STRATEGY IS BUILT ON FIVE PILLARS:

- ➔ **Advancing science and production** – strengthening RCCs' and NMHSs' S2S forecasting capacity using dynamical models, statistical techniques, and AI/ML, supported by ICPAC's HPC;
- ➔ **Building institutional capacity** – delivering continuous training (FCPTWs, Pre-COFs, sub-seasonal trainings) to institutionalize expertise, foster peer networks, and promote cross-African RCC learning;
- ➔ **Anchoring co-production** – using GHACOFs, NCOFs, and sub-COFs as platforms to translate forecasts into actionable advisories for agriculture, health, energy, water, and DRR;
- ➔ **Enhancing communication and uptake** – through mainstreaming **GEDSI frameworks** and developing guidelines, **synergy workshops**, **journalist training**, EAHWS dissemination, and Seasonal Media Action Plans (SMAPs) to strengthen co-production, feedback loops, and reach vulnerable groups;
- ➔ By cascading capacity from regional to community levels through **synergy workshops**, **climate risk schools**, and **sub-COFs**, **PASS-EA** ensures efficient flow of information and last-mile delivery. Innovations include renewable energy forecasting and mainstreaming GEDSI to guarantee inclusive benefits.
- ➔ Documenting **impacts** (socio-economic benefits) to secure long-term financing, **Protect lives** - Enhance **livelihoods** - Sustainable **development**.



# PASS-EA: LINKAGE AND PARTNERSHIP



- - - - -> CLICK / AF Linkages    - - - - -> Upstream Feedback    ———> Secondary Partners    ———> UKMO Support

NMHS = National Meteorological & Hydrological Service    WMO = World Meteorological Organisation    ICPAC = IGAD Climate Prediction And Application Centre  
 UMKO = UK Met Office    PreCOF = Pre-Climate Outlook Forum    CSAG = Climate Systems Analysis Group    UCT = University of Cape Town  
 GHACOF = Greater Horn of Africa Climate Outlook Forum    TD = Transdisciplinarity    CP = Coproduction    CORDEX = Coordinated Regional Climate Downscaling Experiment  
 WCRP = World Climate Research Programme    RIFS = Regional Information for Society    CLICK = Climate Information Capacity and Knowledge





**ICPAC**

**Thank you !**