CREWS Accelerated Support Window

CREWS Action Presentation Note

Action Title	*Capacity Building and Software Upgrade*
Country	*Seychelles*
Partner Country Entity / Entities	*Seychelles Meteorological Authority (SMA)* *Vincent Amelie (Chief Executive Officer)*
Implementing Partner Requested *(if submission by Partner Country)*	*Select at least 1:* ☐ World Bank/GFDRR ☒ WMO ☐ UNDRR ☐ No preference
Action Type	*Select at least 1:* ☒ Continued Assistance (CREWS-SWIO and HYDROMET) ☐ Analyses and Assessments ☒ Advisory Services ☐ *Support to Project Preparation*
Early Warning System Element(s) Supported	*Select at least 1:* ☒ Monitoring, detection, analysis and forecasting of hydro-meteorological hazards providing lead-times for action. ☐ Dissemination of timely and authoritative warnings ☐ Preparedness and response plans triggered by warnings and weather and climate predictions. ☐ Disaster risk knowledge based on the systematic collection of data and disaster risk assessment.
Contributions to CREWS Programming Principles and Results Framework	**CREWS Programming Principles addressed:** *Select all relevant:* ☐ People-centered ☐ Gender-responsive ☒ Promotes Coherence ☒ Leverage

	☐ Disability-inclusive **CREWS Results Framework Outputs to which the Action is expected to contribute to:** *Select at least one:* ☒ A country and/or region has developed or strengthened legislative and/or institutional frameworks to support and sustain multi-hazard early warning systems. ☒ Multi-hazard needs, gaps and priority assessments, analyses, and related investment plans for early warning systems in a country or region are driven by CREWS financing. ☒ Partnerships and cooperation frameworks developed for financing and scaling up support to multi-hazard early warning systems. ☐ Risk information and tools generated by countries to enable the delivery of impact-based early warnings. ☒ Monitoring, analysis and forecasting of hazards that threaten the country/region are improved and sustained by the countries. ☐ Warnings are communicated by the countries based on common alerting protocols under agreed standard operational procedures (SOPs) ☐ Warnings are received, understood and acted upon based on co-produced preparedness and response plans by the countries. ☐ People of different backgrounds, gender, youth, older persons, persons with disability, poor, marginalized, displaced and non-native, as well as related institutions have co-produced climate and weather information products tailored to their needs. ☐ Private sector is engaged to foster innovation and sustainability in delivery of early warning services. **CREWS Programme Indicators to which the Action is expected to contribute to:** *Select at least one:* ☒ Loss of life ☒ Forecasting and warning capacity ☐ Access to early warning ☐ Use of risk information ☐ Capacity to disseminate warnings.

	☐ Capacity to prepare for and respond to warnings.
Specific Action and Objectives	The objective is to ensure continued operation of the information systems being provided under the GCF/AFD/EU HYDROMET Project, build the required expertise and regional leadership capacity aligned with the SMA Strategic Plan for the period 2025 to 2029. **Component 1: Creating an enabling environment for supporting and sustaining SMA continuous institutional growth (aligned with SMA Strategic Plan Goal 5)** - Training in Weather Radar Engineering and Use and Interpretation of Products - Technical assistance for the design of the new SMA building (funds for the construction are already available and committed from the Government of Seychelles/SMA cost recovery) **Component 2: Building Regional Leadership Capacity in Flash Flood Forecasting (aligned with SMA Strategic Plan Goals 3 and 4)** - Technical assistance for the development and operationalization of a flash flood forecast system for Seychelles that could be scaled up for the SWIO region
Need and Rationale	The Seychelles Meteorological Authority (SMA) has been very proactive in the implementation of CREWS-SWIO, being the NMHS in the SWIO region that has advanced the most. Key deliverables: SMA Strategic Plan for the period 2025 to 2029; Operational Plan; website; new organization structure with adjustment to existing positions and creation of new; all job descriptions defined by competencies (approved by GoS in March 2025) and aligned with the GoS Results-based Management; Training Program for successful induction, learning and development of staff; a Socio-economic Benefit Analysis of hydromet services; review of Meteorology Act; training in R-Instat; TA on QMS; TA to finalize the EW4All EW4All Roadmap and Action Plan (approved by the Cabinet in March 2025). In addition, the Seychelles' successful implementation of the institutional aspects is considered as a regional and global reference to showcase in a Study Tour on Transforming the NMHS into an Agency. This proposal builds on the work under the CREWS-SWIO. In addition, Seychelles is the only country in the SWIO that has not benefitted from the CREWS EW4All multi-stakeholder accelerator in LDCs and SIDS, despite it has been the most proactive country in the region in realizing the benefits from CREWS-SWIO, and leveraging the full commitment by the Government to sustain the investments. To not lose the momentum, it's critical to move forward with the proposed activities which equipment will be purchased through GCF/AFD/EU HYDROMET Project, and civil works supported by the Government of Seychelles. International expertise is required for the design of the new SMA building.
Alignment	CREWS ASW is requested to ensure continued operations of SMA during the transition period between the closing of the phase 1 of CREWS-SWIO project and the initiation of SOFF and phase 2 of CREWS-SWIO, combining resources from GCF/AFD/EU HYDROMET Project.

	It is therefore fully aligned and complementing investments from CREWS-SWIO, the GCF/AFD/EU HYDROMET Project. It is also aligned with the SMA Strategic Plan 2025-2029 and the Seychelles EW4All Roadmap and Action Plan, which was approved by the Cabinet on 5 March 2025.
Timeframe	*May 2025 – April 2026*
Action Cost *(To be completed by Implementing Partner)*	249,942 USD (See Annexes: Table 2. Budget Breakdown and Deliverables and Table 1. Activities and Timeline for Implementation)
Attachments	**Annex 1:** Country Endorsement Letter **Annex 2:** Table 1. Activities and Timeline for Implementation **Annex 3:** Table 2. Budget Breakdown and Deliverables **Annex 4:** Table 3. Proposed Key Performance Indicators (KPIs) over 12 months **Annex 5:** Reference Documents

Annex 1: Country Endorsement Letter

SEYCHELLES METEOROLOGICAL AUTHORITY
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LETTER	
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Please address all correspondence to the CEO

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11th April 2025

CREWS West Africa
World Meteorological Organization
7 bis Avenue de la Paix,
Case Postale No. 2300 CH-1211 Geneva 2,
Switzerland

Dear CREWS Secretariat

RE: CREWS ACCELERATED SUPPORT WINDOW PROPOSAL FOR SEYCHELLES

Reference is made to the CREWS Accelerated Support Window (ASW) Proposal for Seychelles, jointly prepared by the Seychelles Meteorological Authority (SMA) and the World Meteorological Organization (WMO).

Through this letter, I confirm my endorsement of the CREWS-ASW for Seychelles and request your assistance to facilitate the process of its approval.

Yours faithfully

SEYCHELLES METEOROLOGICAL AUTHORITY
11 APR 2025
CEO'S OFFICE

Vincent Amelie (Mr.)
Chief Executive Officer

Annex 2: Table 1. Activities and Timeline for Implementation

		2025								2026			
N°	**Activities**	M	J	J	A	S	O	N	D	J	F	M	A
Component 1: Creating an enabling environment for supporting and sustaining SM continuous institutional growth (aligned with SMA Strategic Plan Goal 5)													
1.1	Training in Weather Radar Engineering and Use and Interpretation of Products												
1.2	Technical assistance for the design of the new SMA building												
Component 2: Building Regional Leadership Capacity in Flash Flood Forecasting (aligned with SMA Strategic Plan Goals 3 and 4)													
2.1	Technical assistance for the development and operationalization of a flash flood forecast system for Seychelles that could be scaled up for the SWIO region												
3.1													

Annex 3: Table 2. Budget Breakdown and Deliverables

N°	Activities	Deliverables	Budget (USD)
1	**Component 1: Creating an enabling environment for supporting and sustaining SM continuous institutional growth (aligned with SMA Strategic Plan Goal 5)**		
1.1	Training in Weather Radar Engineering and Use and Interpretation of Products • 1 In country Training (Participants: 10; Number of days: 10; Number of trainers: 2; Estimated costs: 8,060USD (DSA) + 2,400USD (flights) + 7,500USD (fees) = 17,960USD (Grand Total)) • 1 Training Overseas (Participants: 1; Number of days: 5; Estimated costs: 1,600USD (DSA) + 1,000USD (flight) = 2,600USD (Grand Total))	Training Reports	20,560.00
1.2	Technical assistance for the design of the new SMA building (Consulting Firm; estimated number of day and fees) • Team Leader: Architect (30 days; 700USD fee/day) • Structural Engineer (10 days; 400USD fee/day) • Civil Engineer (15 days; 400USD fee/day) • Mechanical Engineer (10 days; 400USD fee/day) • Electrical Engineer (15 days; 400USD fee/day) • Renewable Energy Specialist (10 days; 400USD fee/day) • Environmental And Social Specialist (15 days; 400USD fee/day)	Design of the building, reports on environment and social impact assessments, and technical specifications for its construction	51,000.00
2	**Component 2: Building Regional Leadership Capacity in Flash Flood Forecasting (aligned with SMA Strategic Plan Goals 3 and 4)**		
2.1	Technical assistance for the development (setup of the system; including 1 week mission to gathering the data) and operationalization (including 2-week training; Participants: 10) of a flash flood forecast system for Seychelles that could be scaled up for the SWIO region • Hydrometeorologist (60 days; 900USD daily fee; 11,978USD Travel/DSA) • Hydrologist (20 days; 800USD daily fee; 6,336USD Travel/DSA) • Data analyst (20 days; 800USD daily fee; 6,336USD Travel/DSA)	Report of the work done and operations	149,628.00

	• IBF Specialist (30 days; 900USD daily fee; 11,978USD Travel/DSA)		
	Sub-total		**221,188**
	IP Fees (13%)	**-**	**28,754**
	Total		**249,942**

Annex 4: Table 3. Proposed Key Performance Indicators (KPIs) over 12 months

N°	KPI	Total
1	Number of trainings provided	2
2	Number of building designs	1
3	Number of upgraded or new systems	1

Annex 5: Reference Documents

	CREWS-SWIO Project
	Hydromet Project
	SMA Strategic Plan for the period 2026 to 2029
	Seychelles EW4All Roadmap and Action Plan