

Partner2Connect (P2C) National Roundtable 8-9 July 2024, Phnom Penh, Cambodia

WMO'S SUPPORT TO CAMBODIA IN IMPLEMENTING THE EW4ALL INITIATIVE

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WMO OMM

World Meteorological Organization

UN Initiative:

Early Warnings for All



- The Early Warnings for All (EW4All) initiative is a global effort to ensure that everyone on Earth is protected from hazardous weather, water, or climate events through life-saving early warning systems by the end of 2027.
- The Initiative was formally launched by the United Nations Secretary-General, Antonio Guterres, with the Executive Action Plan 2023-2027, in November 2022 at the COP27 in Sharm El-Sheikh, Egypt.
- Among **its** four pillars, WMO leads the implementation of Pillar 2 and supports Pillars 1, 3 and 4.



Four pillars



Disaster risk knowledge

Systematically collect data and undertake risk assessments

- Are the hazards and the vulnerabilities well known by the communities?
- What are the patterns and trends in these factors?
- Are risk maps and data widely available?



Detection, observations, monitoring, analysis and forecasting of hazards

Develop hazard monitoring and early warning services

- Are the right parameters being monitored?
- Is there a sound scientific basis for making forecasts?
- Can accurate and timely warnings be generated?



Preparedness and response capabilities

Build national and community response capabilities

- Are response plans up to date and tested?
- Are local capacities and knowledge made use of?
- Are people prepared and ready to react to warnings?



Warning dissemination and communication

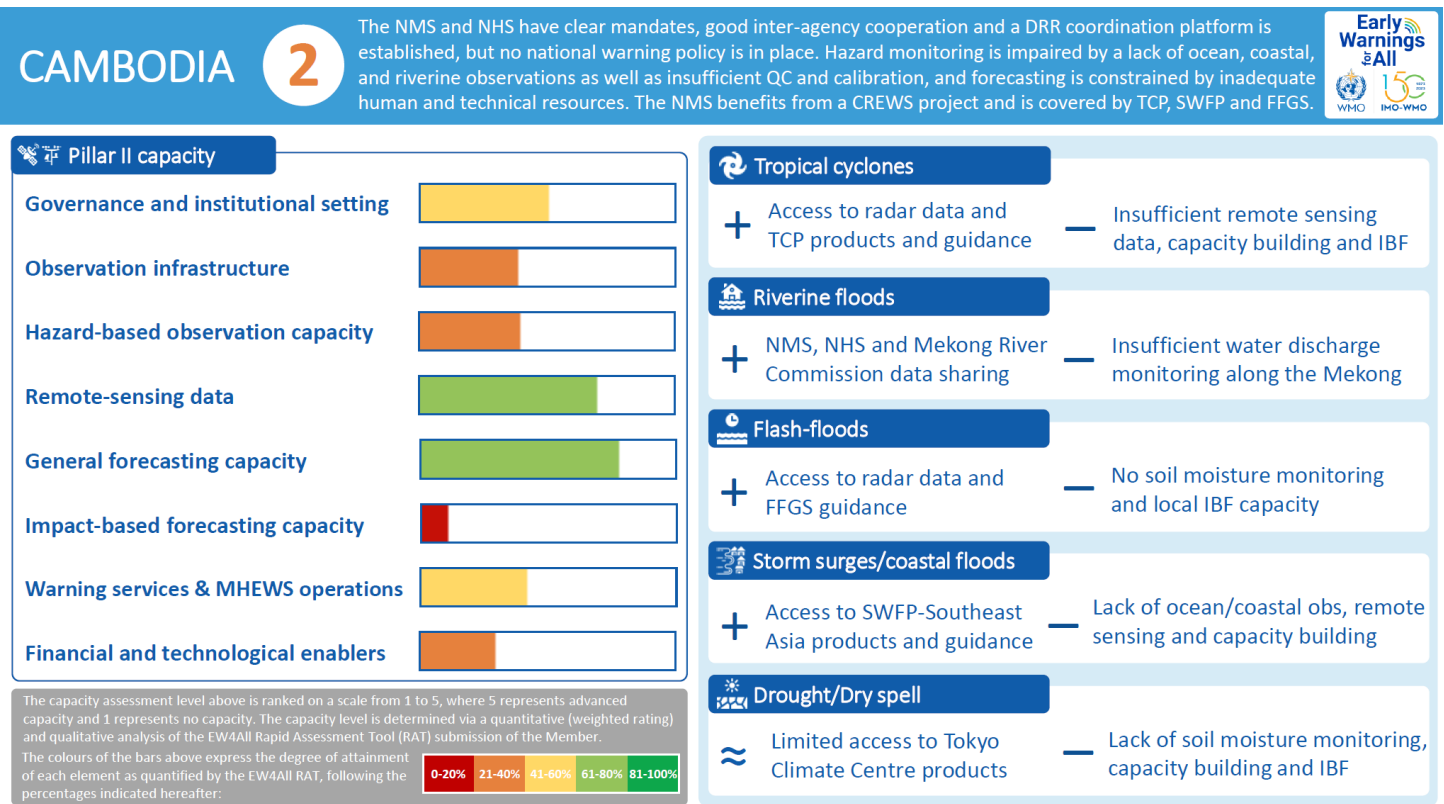
Communicate risk information and early warnings

- Do warnings reach all of those at risk?
- Are the risks and warnings understood?
- Is the warning information clear and usable?



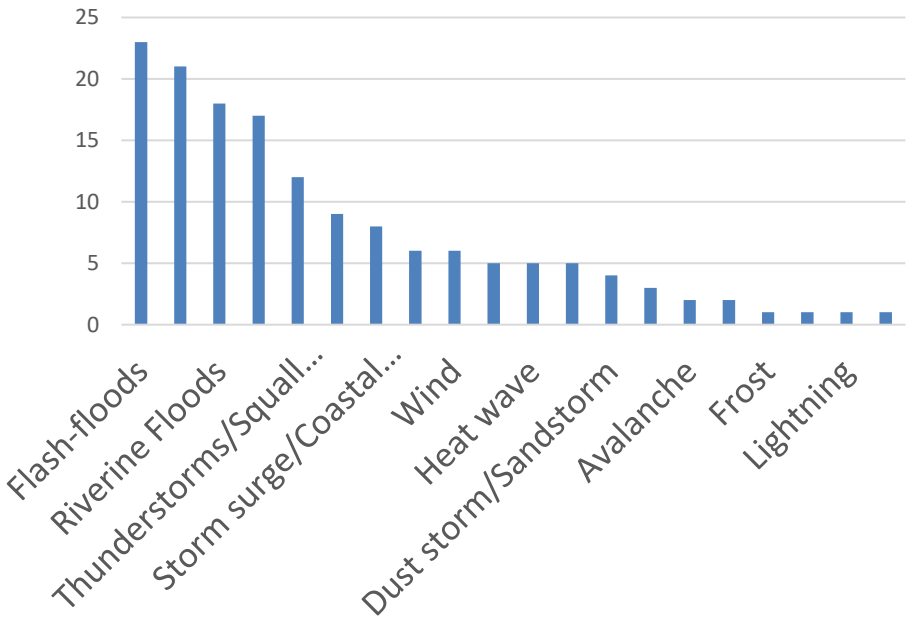
Pillar 2 – Progress

- Rapid Assessment & other EWS-relevant assessments in Cambodia
- Priority hazards identification
- Priority activities for EW4ALL in Infrastructure-Cambodia benefit from them



Number of countries that identified a listed hazard as one of 5 priority hazards

Chart Title



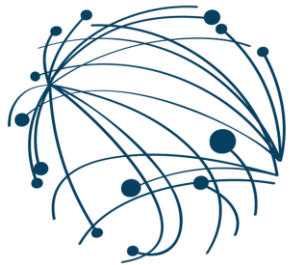
National Consultation Workshop on Early Warnings for All (EW4ALL) National Roadmap Development and GCF-UNDP EW4ALL Project Proposal

May 17, 2024
Sunway Hotel Phnom Penh

Recommended actions:

- 1 – Legal, policy and institutional framework
- 2 – Human resources
- 3 – Observation network
- 4 – Data management
- 5 – IT network
- 6 – Forecasting, Warning and Advisory

Existing and planned contributions from major initiatives/financial mechanisms



SOFF

Systematic Observations
Financing Facility

Weather and climate information for the global public good



**GREEN
CLIMATE
FUND**



Alliance for Hydromet Development



ADAPTATION FUND



ASIAN DEVELOPMENT BANK

SOFF in Cambodia

- In readiness phase now
 - Based on the WMO Global GBON Gap Analysis conducted in January 2022, Cambodia has still room for improvement in its capacities to reach significant GBON compliance
- May prepare the Investment phase funding request for the next round in February 2025.

Type of station	Baseline (Results of the GBON National Gap Analysis)				GBON National Contribution Target	
	Target (# of stations) ¹	GBON-compliant stations (#)	Gap		To improve	New
			New	To improve		
Surface	5	9	0	5	5	0
Upper-air	1	0	1	0	0	1
Marine	*when applicable					



WMO-implemented projects in Cambodia

Status	Project	Donor	Total Budget for Cambodia	Duration	Focus Areas
Active	Applying Seasonal Climate Forecasting Southeast Asia	BMU	2,199,344 CHF	01/04/2018 – 30/06/2024	Improving access to regional or global centres' products, etc
Active	CREWS Cambodia and Lao PDR	CREWS MDTF	1,660,561 CHF	06/07/2021 - 06/07/2025	Implementing WIGOS, WIS, improving data management, data rescue and processing capabilities, seasonal and subseasonal outlooks, impact-based forecasting and warning services, etc.
Active	Multi-Hazard Hydromet Early Warning & Capacity Building (FFGS - Global Coverage)	USAID	51,986 CHF	01/09/2023-01/09/2027	Improving data management, data rescue and processing capabilities, capacity to post-process numerical weather prediction including ensemble prediction products, etc.
Planned	CREWS Lao & Cambodia 2.0	CREWS MDTF	TBD (overall ca. 7 m CHF)	TBD	Continuation and scaling up of the previous CREWS project.
Planned	Enhancing Climate Adaptation and Resilience of Mekong Communities through Strengthening of Weather, Water and Climate Services (ECR-MEKONG)	Adaptation Fund	TBD (overall ca. 12 m CHF)	TBD	Strengthening of EWSs for floods and droughts





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Thank You