



Promoting Early Warning Systems in the Asia-Pacific Region

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Initiative to Promote the Development of Early Warning Systems through Public Private Partnership



Background

- With climate change causing more frequent and intense extreme weather events, Early Warning Systems (EWS) are increasingly demanded in developing countries including in the Asia-Pacific region.
- Launch of the UN Secretary-General's "Early Warnings for All Initiative" in 2022, targeting everyone on Earth to be protected from hazardous weather, water, or climate events by the end of 2027 (Co-led by UNDRR, WMO, ITU and IFRC).



Framework



Assistance Package by the Government of Japan for Averting, Minimizing and Addressing Loss and Damage" (APLD)

2022/11~



MOEJ's Initiative to Promote the Development of Early Warning Systems through Public-Private Partnerships in the Asia-Pacific region

2023/6~



The Consultation Meeting of the Public Private Partnership for the Development of Early Warning Systems in the Asia-Pacific region

Objective

Work with the international community to offer comprehensive support such as human resource development and EWS against loss & damage

Promote business development related to EWS in the Asia-Pacific region through collaboration with Japanese private sector

Establish a collaborative framework for Japanese companies interested in EWS and support the development of EWS prototypes in the Asia-Pacific region

The Consultation Meeting of the Public Private Partnership for the Development of Early Warning Systems in the Asia-Pacific Region



About

Established in June 2023, EWS Consultation promotes the introduction of Early Warning Systems in the Asia-Pacific region. This includes the development of observation equipment, analysis and forecasting of observational data, and provision of climate information services through public-private partnership (PPP) with Japanese entities.

Conceptual Basis:

Issue

Barriers to overseas expansion of EWS business

Goal

EWS business promotion through private funding

Mission

Identifying business opportunities through prototype development

Vision

Supporting private-sector-led EWS development with public funds and policies

Value

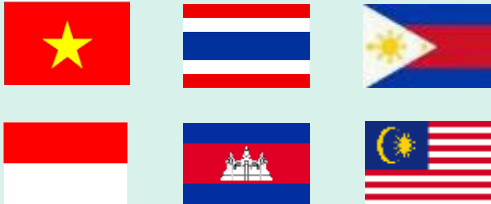
Knowledge Sharing
Business Enhancement
Overseas Expansion Support

Participating Members (58):

-  Manufacturers of observation equipment
 -  Weather forecast system developers
 -  Communication service providers
 -  General insurance companies
 -  Engineering companies
- etc. 3

Examples of EWS-PPP Prototypes

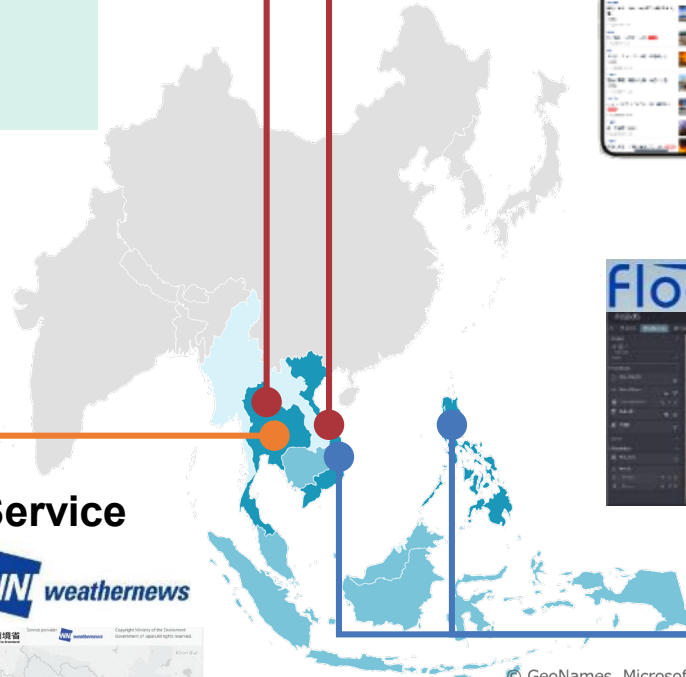
EWS Market Analysis of 6 ASEAN Countries



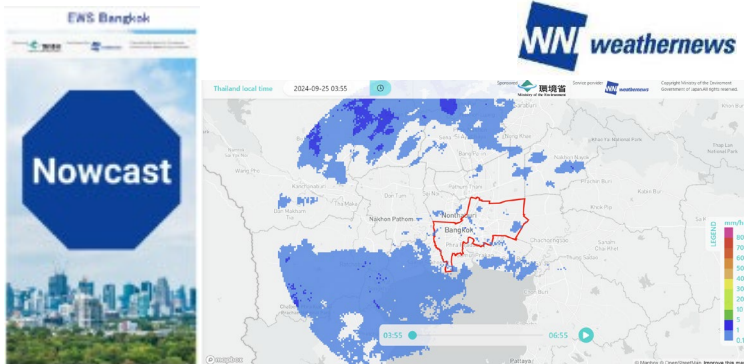
AI Disaster & Crisis Management Solution



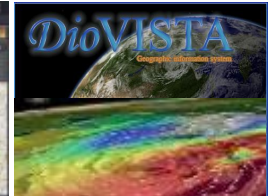
Spectee



Weather Information Service



Floods



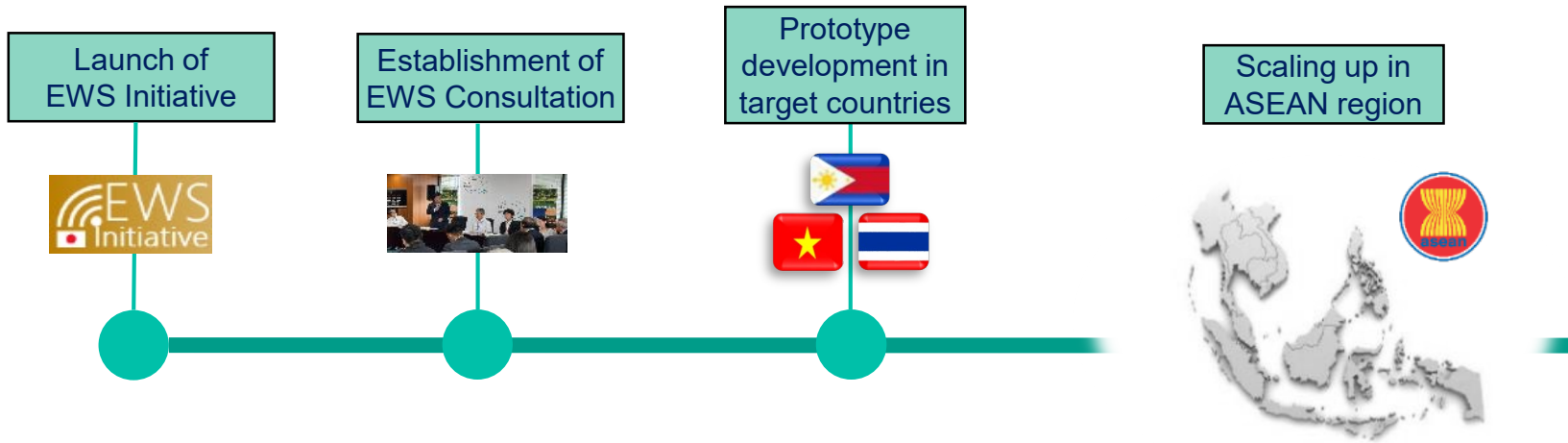
Flood Simulation

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HITACHI Inspire the Next

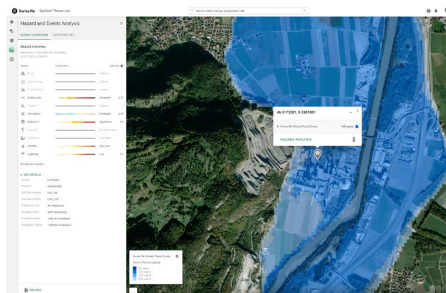


Strategic Direction of the EWS Initiative



B2B/B2G

ODA





Thank you!

 環境省
Ministry of the Environment
Government of Japan