

Climate Change – Adaptation

Ministry of the Environment, Japan

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Initiative to Promote 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 (AP) 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 AP region

2023/6~



The Consultation Meeting of the Public Private Partnership for the Development of Early Warning Systems in the AP 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 AP 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 Overseas
Overseas business development

Participating Members (58):



Manufacturers of observation equipment



Weather forecast system developers



Communication service providers



General insurance companies

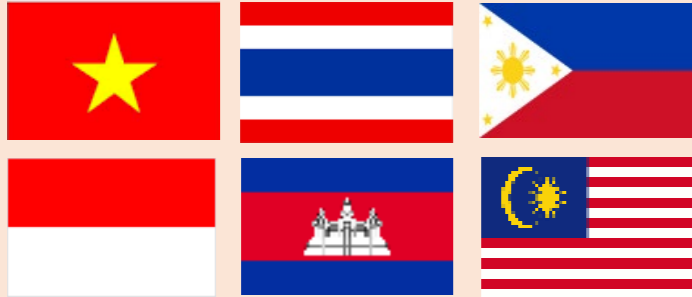


Engineering companies

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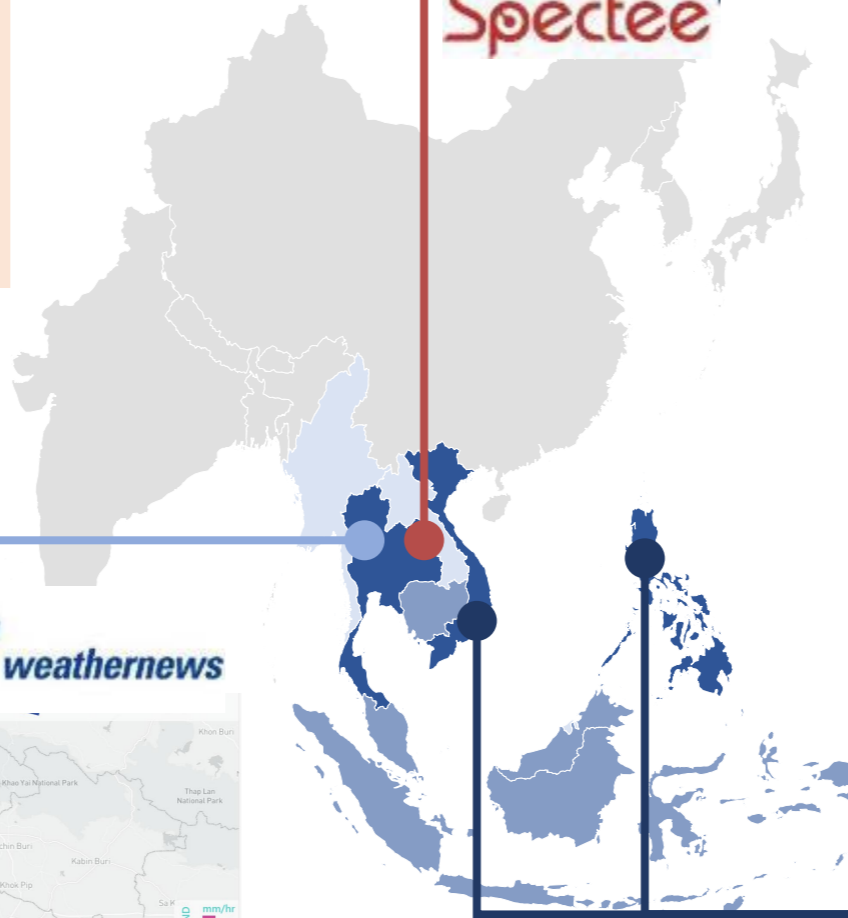
EWS Market Analysis of 6 ASEAN Countries



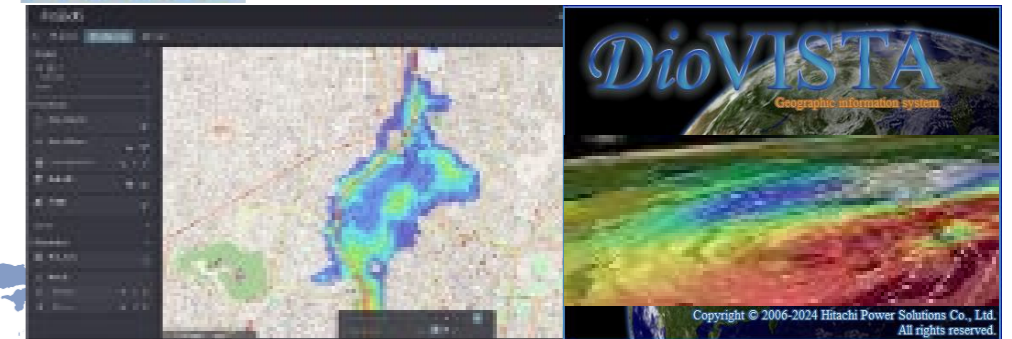
AI Disaster & Crisis Management Solution



Spectee



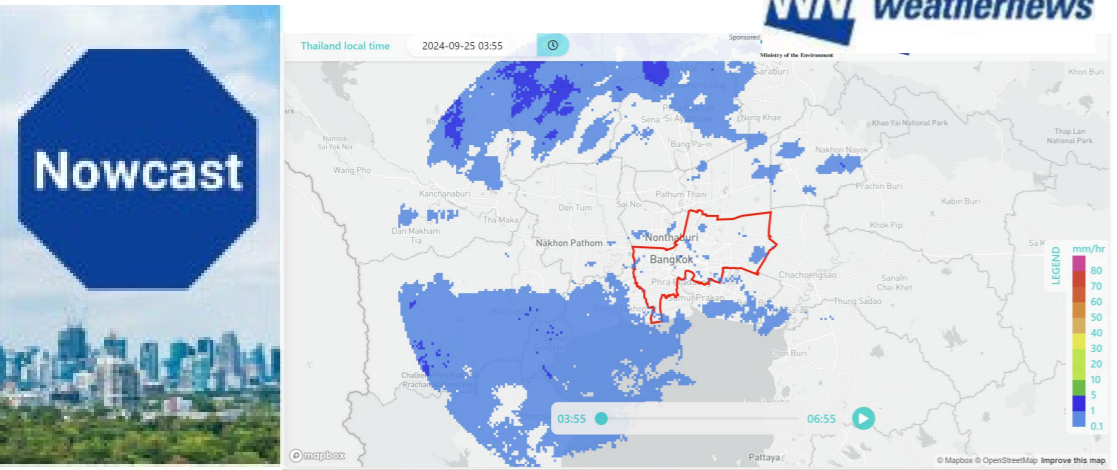
FloodS



Flood Simulation



Weather Information Service



HITACHI Inspire the Next

