

Assistance Package by the Government of Japan for Averting, Minimizing and Addressing Loss and Damage *

Reference



- The Government of Japan announces the package and will provide comprehensive assistance for losses and damages in cooperation with the international community.
- At the G7 in 2023, Ministry of the Environment Japan will continue to call on support from the international community and collaboration among developed countries.

Background

- Loss and damage associated with the adverse effects of climate change is a pressing global issue. The international community need to unite forces to enhance prompt assistance.
- The Government of Japan, in parallel with its contribution to ongoing discussions under the UNFCCC, has been providing a wide range of support, with regard to the enhancement of the Sendai Framework for Disaster Risk Reduction.

Main Contents

1. Comprehensive support from disaster preparedness to disaster relief and disaster risk insurance

- **Capacity building for DRR** : Training through the Asian Disaster Reduction Center (ADRC) , Tech assistance to enhance weather observation/forecast, Tech contributions against water-related disaster
- **Post disaster stand-by loan** : Rapid assistance when a disaster occur by having the Yen Loan signed in advance
- **Disaster risk insurance** : Contribution to launch the initiatives in the Southeast Asia(SEADRIF) and Pacific region(PCRAFI)

2. Assistance to develop EWS

- Tech assistance to enhance weather observation/forecast (already shown)
- UN "Early Warnings for All" Initiative
- Quad Climate Information Service Taskforce
- A New and Additional Initiative to Promote the Development of EWS in the Asia-Pacific Region through Public-Private Partnerships

Cross-Sectional Activities 1 :Knowledge Sharing

- Asia-Pacific Climate Change Adaptation Information Platform(AP-PLAT)
- Sharing of Earth Observation Data and Climate Change Projection Data: Data Integration and Analysis System (DIAS)

Cross-Sectional Activities 2 :Contribution to the United Nations and multilateral frameworks

- **UN** : Asia Pacific Adaptation Network (APAN), Global Adaptation Network (GAN), UN "Early Warnings for All" Initiative (already shown), International Recovery Platform(IRP)
- **Other multilateral frameworks** : Global Shield, Quad Climate and Information Service Taskforce(already shown), Risk-Informed Early Action Partnership (REAP) , Asia-Pacific Network for Global Change Research (APN)

Cross-Sectional Activities 3 :Promotion of global expansion of climate related services and technologies through public-private partnerships

- Public-Private-Academic Networking Meeting on Climate-related Risks in Japan and AP-PLAT, ○Japan International Public-Private Association for Disaster Risk Reduction (JIPAD), ○Publication of "Climate Change Adaptation Good Practices", and
- Initiative to Promote the Development of EWS in the Asia-Pacific Region through Public-Private Partnerships (already shown)

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



Background

- The **UN** announced, "Within the next five years, **everyone on Earth** should be protected by EWS (Early Warning Systems)" (2022.3)
- Recently, the **private sector** has joined the movement to develop **EWS** and **climate-information solutions** for corporate **supply chains**.
- the World Economic Forum released a briefing paper on **business action** for adaptation at COP27.

Overview of the Initiative

- **Ministry of the Environment of Japan** is planning to establish a **new and additional** cooperative structure for **Japanese companies interested in developing EWS** and will support **consultations** with developing country governments and **cooperation** through G7.
- MOEJ promotes to develop **EWS** and **projects using EWS (e.g., insurance)** by Japanese companies in **the Asia-Pacific** region.

■ EWS development by private sector

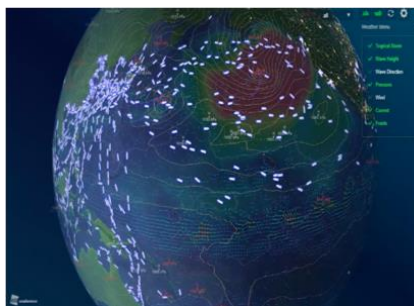


Weathernews Inc.: Plans to install small radars in Vietnam. Targets 50 locations by 2024 in Indonesia, Japan, and other Asian countries.

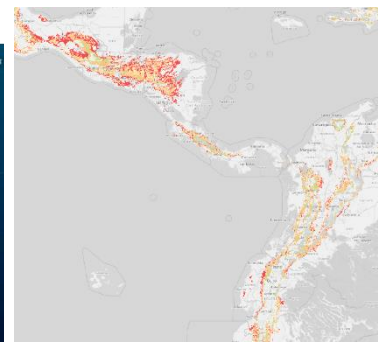
■ Climate Information Solutions

(Climate Information Service)

(Weather Derivatives/Insurance)



•Recommendation of the best route for vessels



•Support for procurement through yield risk assessment

Examples of insurance goods provided by an **insurance company**:

1. Sugar Refining (Thailand)
Yield and production decrease due to rainfall and high temp.
2. Mining (South Africa)
Suspension of operations due to cyclone
3. Vehicle Dispatch (Singapore)
Decrease in sales due to rainfall