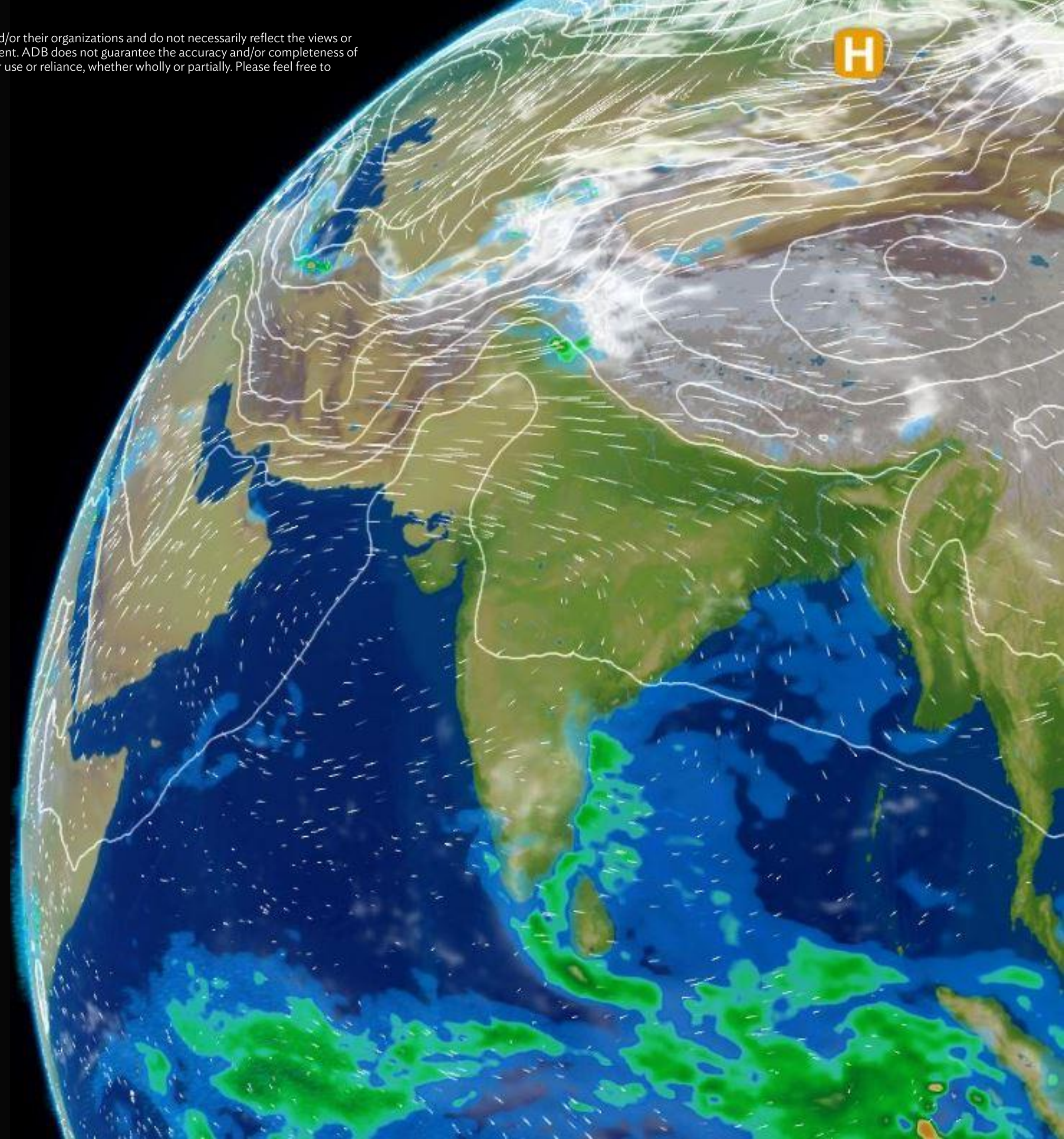# Regional insights on climate information and early warning systems implementation and synergy

ADB, Early Warning System Investment Planning Workshop, Manila 2 September 2025
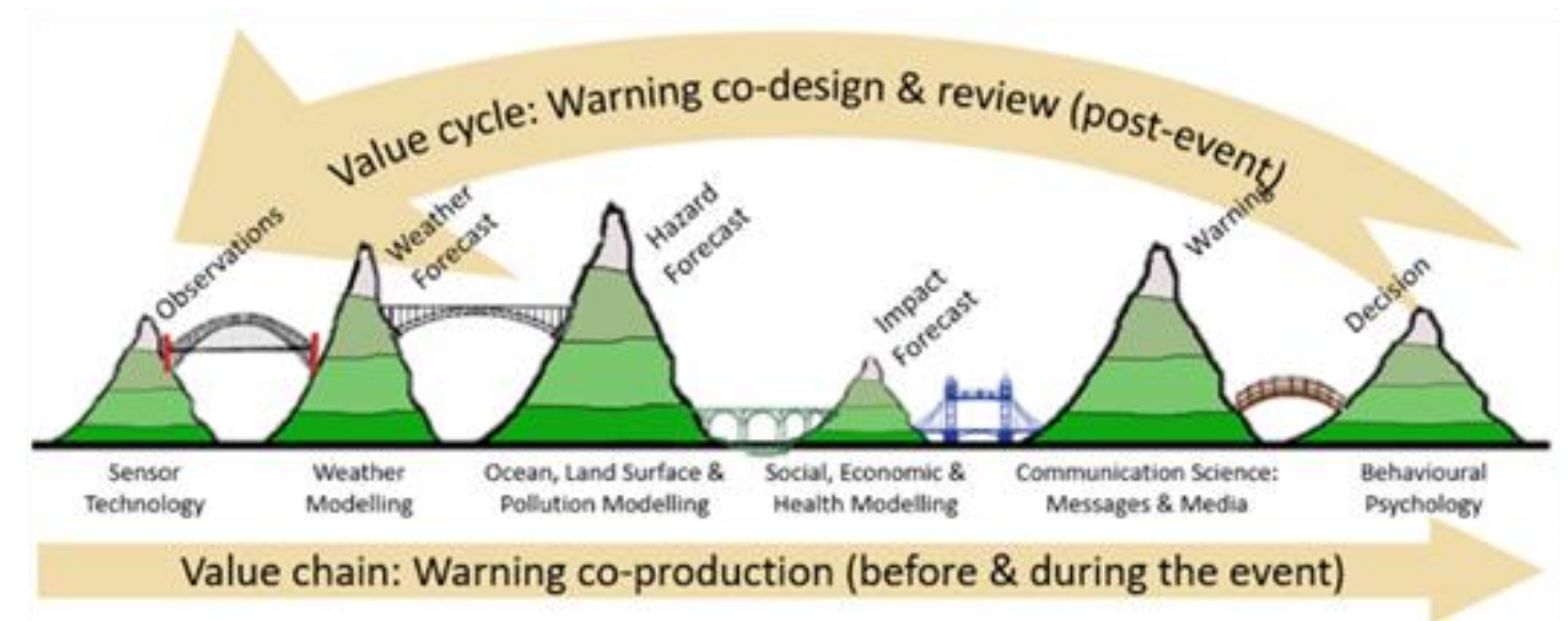
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Benefits of regional cooperation and implementation

Increasing investments to climate information and early warning systems – recognizing regional value
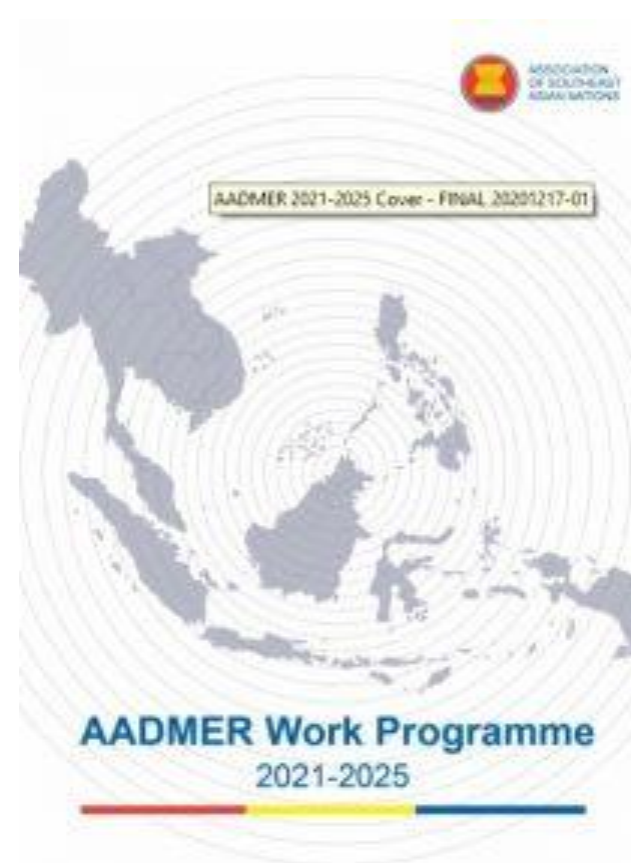
- Complex, compounding, cascading and **trans-boundary** origins and impacts of disasters and climate risks.

- Significant variations in national level capacity across region/s.

- Recognize, invest and link across **EWS Value Chain.**

- **Multiple benefits** of investing regionally:

  - Sharing and pooling of resources.

  - Improvement of forecasting accuracy through better access to regional-national data, tools & resources.

  - Common approaches to tackling hazards and impacts.

  - Mechanisms to collectively respond to global-regional priorities i.e., Early Warning for All, and to engage with investors to enhance donor coordination.

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Challenges	Examples
Governance & investment	• Connectivity across mechanisms • Donor coordination • Private sector engagement
Monitoring networks	• Critical gaps • Connectivity and compatibility • Technology, innovation
Data and information	• Data sharing (multiple types) • Data access (regional-national) • Data integration (hazard, vulnerability, exposure)
Capacity	• Fragmented capacity within sub-regions • Engagement across producers and users
Interoperability	• Connectivity (regional-national EWS) • Connectivity across mandates, systems and platforms
Dissemination and communication	• Addressing needs across user group/s • Multi-sectoral approaches • Focus on vulnerable communities

CHALLENGE ➤

OPPORTUNITY ➤

Examples of regional cooperation and coordination

Examples of regional cooperation and coordination

Reflections and areas for development

1. **Enhancing coordination for investments in regional early warning:**
   - Further development of donor coordination mechanisms.
   - Requirement to engage policy-decision makers, develop evidence, on benefits of regional cooperation, trans-boundary EWS etc.

2. **Regional approaches can support a 'minimum standard' of service within a region:**
   - Understanding whilst many early warning services are issued at a national level, there is a cascade system of information where regional guidance has an important part to play for promoting consistency and coordination.
   - Recognizing that there are already regional bodies/ organizations in place with mandates/structures – and importance of working through these.
   - Support the establishment of or strengthening the existing subregional early warning and early action networks and platforms.

3. **Focusing on inter-operability to strengthen Disaster Knowledge, observation, monitoring and forecasting:**
   - Establishing mechanisms and promoting regional data sharing, to facilitate seamless data at regional and transboundary levels for improved EWS.
   - Development of regional databases and platforms to improve risk assessment, early warning, at the regional/sub-regional level.

4. **Requirement to support further capacity building across providers and users** of forecasting, risk information to ensure operationalisation of EWS.

5. **Promoting and supporting regional cooperation to amplify Early Warning Dissemination and Communication:**
   - Fostering a multisectoral and coordinated approach.
   - Develop subregional and transboundary communication strategies ensuring timely transmission of warnings to at-risk communities across borders.

6. **Commitment and action to ensure a People-Centered Approach:**
   - Tailor early warning systems and promote coproduction of services.
   - Address the specific needs of different user groups, including most vulnerable people, taking into account transboundary and subregional dimensions.

7. **Mobilize partnership and cooperation at all Levels:**
   - Facilitate regional, subregional, intergenerational, transboundary, multi-sector partnerships and mechanisms and anticipatory approaches.

Thank you

Questions….