



## SECURE WEBINAR 26

### Concept Note for the Webinar on Transforming Health Systems for Climate Resilience: Designing Type 2B Projects

13 January 2026 (2:00-3:00 PM MNL time)

#### Background

Climate change poses unprecedented challenges to health systems across Asia and the Pacific, with impacts increasingly disrupting health service delivery, damaging critical infrastructure, and exacerbating disease burdens. According to the Intergovernmental Panel on Climate Change (IPCC), climate change has already caused widespread adverse effects on health systems, including disruptions to health service delivery, increased incidence of climate-sensitive diseases, and heightened risks to health infrastructure. By 2050, climate change is projected to cause 14.5 million deaths and \$12.5 trillion in economic losses worldwide, with a significant share expected in Asia and the Pacific due to high vulnerability.<sup>1</sup>

The health sector also contributes to climate change, accounting for more than 5% of global emissions, which are expected to triple by 2050 under current trajectories.<sup>2</sup> Existing health systems are poorly equipped to handle the increasing frequency of disasters and the prolonged disruptions caused by extreme weather events. Studies identify five key resilience gaps: insufficient surveillance data for disaster planning; health workforce shortages; facility damage and reliance on external recovery support; communication failures and power disruptions affecting patient records; and a lack of surge capacity for climate-sensitive health conditions.<sup>3</sup>

Type 2B health projects represent a specific category of climate adaptation interventions where strengthening the climate resilience of health systems is the primary objective. These projects are characterized by their explicit focus on climate adaptation, system-level approach targeting the broader health system rather than individual facilities, and alignment with five core design principles that ensure eligibility for climate adaptation finance.<sup>4</sup> This means that all finance for Type 2B projects is counted as climate adaptation finance.

The Asian Development Bank (ADB) has committed to providing \$34 billion for adaptation and resilience as part of its \$100 billion climate finance target for 2019-2030.<sup>5</sup> Health features prominently among adaptation priorities in national climate policies across the region. However, translating this commitment into effective, finance-ready health projects requires clear guidance

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<sup>1</sup> Wishart et al. 2024. Global Risks Report 2024 19th Edition. World Economic Forum

<sup>2</sup> Health Care Without Harm. 2023. The role of the health care sector in climate change mitigation.

<sup>3</sup> J. Braithwaite et al. 2024. Analysing health system capacity and preparedness for climate change. Nature.

<sup>4</sup> ADB. 2025. Type 2B project design in health: a guidance note.

<sup>5</sup> ADB. 2018. Strategy 2030: Achieving a Prosperous, Inclusive, Resilient, and Sustainable Asia and the Pacific

on project design, implementation, and monitoring approaches that meet both health system needs and climate finance requirements.

The webinar series is supported by the ADB technical assistance (TA 6767) on Supporting Enhanced COVID-19 Vaccination and Post COVID-19 Health Security Responses in Southeast Asia and Technical Assistance (TA 58085-003) on Building Health System Resilience. It provides a platform for knowledge exchange among governments, healthcare professionals, development partners, and other stakeholders on transformational approaches to developing climate-resilient health systems.

**Session Objectives:**

- To provide a clear understanding of Type 2B project design principles and their specific application in health sector climate adaptation investments.
- To share methodologies for conducting Climate Vulnerability and Risk Assessments (CVRA) as the foundation for evidence-based Type 2B health project design.
- To showcase real-world examples of transformational health system adaptation and lessons learned from the Type 2B project implementation.

**Target Audience:**

- Policymakers and public health officials are involved in health sector planning and climate adaptation.
- Project developers and health specialists are working on climate-resilient investments in the health system.
- Climate finance practitioners seeking to understand opportunities for health sector adaptation.
- Development partners and international organizations supporting climate-health initiatives.
- Academic researchers studying climate-health adaptation and health system resilience.
- Private sector stakeholders are involved in health system infrastructure and service delivery.

**Webinar Format:** 60-minute online session featuring presentation, panel discussion, and Q&A.

**Guiding questions:**

- What distinguishes Type 2B health projects from other climate-health investments, and why does this classification matter for accessing climate finance?
- How can Climate Vulnerability and Risk Assessments (CVRA) be effectively conducted and utilized to inform transformational health system adaptation?
- How can projects demonstrate genuine transformation at the health system level rather than incremental facility-level improvements?
- How should monitoring frameworks be designed to track climate-resilience outcomes rather than traditional health service delivery indicators?
- What are common pitfalls in Type 2B health project design, and how can they be avoided?

**Session Flow:**

<b>Duration/Time</b>	<b>Topic</b>	<b>Speakers</b>
2:00 – 2:05	Opening Remarks	Eduardo Banzon Director, Health Sector Group ADB
2:05 – 2:15	Defining Transformational Climate Change Adaptation Projects in Health: Classification, Characteristics, and Climate Finance Alignment	Martin Okata Senior Climate and Disaster Risk Specialist, ADB
2:15 – 2:30	Climate Vulnerability and Risk Assessment: Methodologies for Evidence-Based Health System Adaptation	Jasper Tromp National University of Singapore, Consultant, ADB
2:30 – 2:45	Case Study: The Green Primary Care Project in Lao PDR	Pasoumphon Thammarongsad Chief of the ODA Management Division Department of Planning and Finance Ministry of Health Lao PDR
2:45 – 2:50	Reflections and way forwards	Alexo Esperato Senior Health Specialist, Health Sectors Group, ADB
2:50 – 3:00	Q&A, Synthesis, and Closing Remarks	Moderator: Helen Brown, Climate and Health Expert, Consultant, ADB