

# Inclusive, Sustainable, Prosperous and Resilient Health Systems in Asia and the Pacific

## INSPIRE Health Forum

7-11 July 2025 • A Hybrid Event



PARALLEL SESSION

#INSPIREhealth2025

# Accelerating Sustainable Practices and Climate Resilience in Asia's Healthcare Sector

Explore how financing strategies, multisector partnerships, and practical innovations in the private sector can support sustainable and resilient health systems and supply chains across Asia, with a call to action.

10 July 2025 • 1:15-3:45 PM

Lecture Theatre 2



## **Session 3:**

# **A Call for Sustainable and Resilient Health Systems**

# Introducing Asia Health Leaders Coalition for Sustainable and Resilient Health Systems



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# Asia Health Leaders Coalition for Sustainable and Resilient Health Systems

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# Background and Rationale

01

# Our Journey – Convening and Dialogue

## AHA-WEF Closed-door Event

- In August 2023, AHA and WEF jointly held a closed-door meeting on “**Better Climate, Better Health**” in Beijing. The event invited more than 60 experts from the fields of health, climate change, and technology to discuss the impact of climate change on health among Chinese people and the medical system, existing explorations, and challenges in practice.
- During the discussion, the participants put forward a series of suggestions for China to better cope with climate and health challenges, covering **top-level design, technological innovation, public communication**, etc. The seminar laid an important foundation for promoting relevant parties to cooperate in the design and implementation of climate-health solutions.



## PMAC 2024 Side Meeting



- In January 2024, with the support from The Rockefeller Foundation, AHA successfully held a side meeting on “**Leveraging Data-Driven Solutions for Climate-Resilient Health: A China Case Study**” during the Prince Mahidol Award Conference (PMAC) in Bangkok. The event brought together leaders from academia, science and technology, healthcare, and philanthropy sectors to discuss China’s innovations in this topic area, challenges in implementing and scaling these innovations, and potential pathways and opportunities for collaboration within and beyond China. During this event, the report *Leveraging Data-Driven Solutions in Confronting Climate-Sensitive Diseases: China Case Study* was released.

## APACLIFE 2024

- In November 2024, during the APAC Health and Life Sciences Summit, an annual conference held in Singapore, AHA held a half-day seminar on the theme of “**Creating a Climate-Resilient Future for Asia**”, with the support from the Centre for Impact Investing and Practices.
- More than 30 leading experts from international organizations, academia, tech sector, pharmaceutical companies, and investment institutions discussed the impact of climate change on health and the pathways to decarbonize healthcare. Through multiple roundtable discussions, the guests shared a variety of innovative solutions and practical experiences.



# Our Journey – Knowledge Generation



## AHA X World Economic Forum Report

► **Published in September 2023**

AHA and the World Economic Forum jointly established a research group to conduct an in-depth research on the role of precision public health tools in addressing climate-sensitive diseases in China. The research goal was to encourage experts, scholars, practitioners, policymakers and other relevant parties in the fields of healthcare, climate, technology, etc. to increase their attention to climate-health challenges and to cooperate in the design and implementation of related solutions in the future, which would be vital for building a health system that is more resilient to climate change.

**Published in January 2024** ◀

The report was jointly completed by The Rockefeller Foundation and AHA. The research team produced a report through desk research and expert interviews. The report focuses on digital solutions, projects, solutions or initiatives that had been completed or were being carried out by Chinese government, academia, think tanks, the private sector (such as technology companies) and non-governmental organizations to mitigate and adapt to health challenges related to climate change. The report aims to inspire thinking and discussions on how digital solutions can further enhance the ability to respond to climate change, thereby helping to build a more resilient health system.

## AHA X The Rockefeller Foundation Report





# A growing body of evidence has shown the massive impacts of climate change on human health across the world, with Asia being a most vulnerable area

## Global-level Evidence

- **IPCC Sixth Assessment (2021)**
  - Between 2030 and 2050, climate change is expected to cause ~**250,000** additional deaths per year.
- **COP29 Climate and Health Report (2024)**
  - Air pollution is linked to **almost 7 million** premature deaths annually; In 2021, more than **700,000 deaths** in children under the age of five were linked to air pollution.
- **2024 Lancet Countdown Report**
  - In 2023, on average, people faced a record **50 more days of health-threatening heat** due to climate change; **US\$835 billion** global potential reduction income loss from labour capacity due to extreme heat.

## Asia-related Evidence: An Example

Climate suitability for *malaria* and *dengue* by 2050



Southern and south-eastern China



Dhaka  
Bangladesh

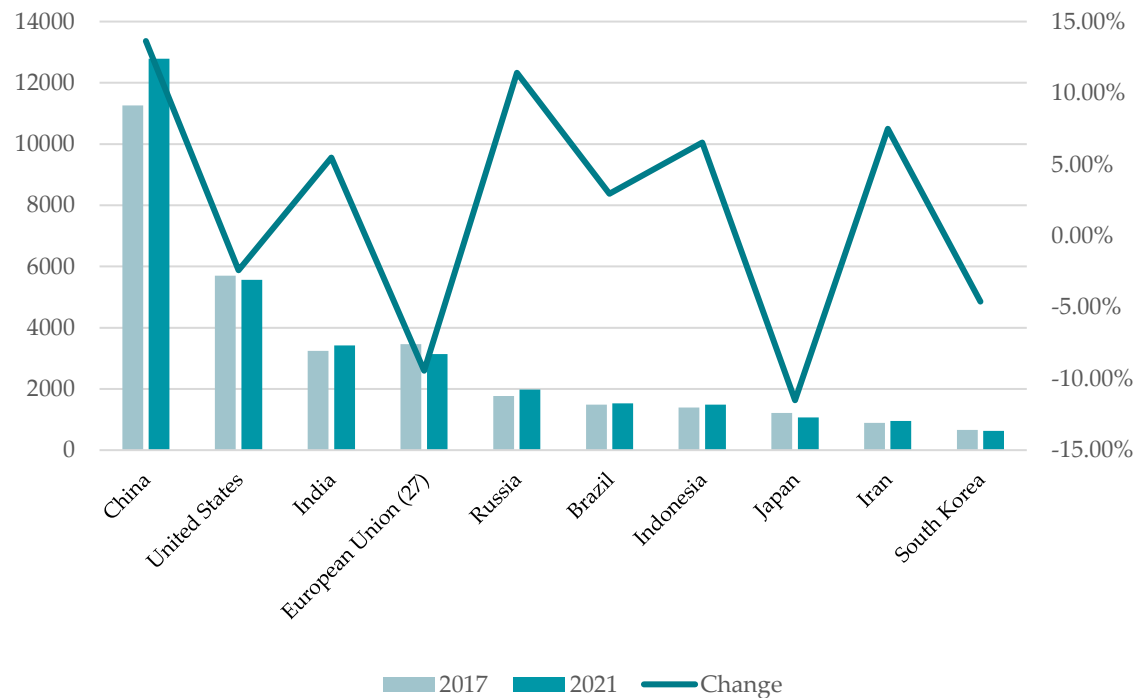
- **134 million** population to be infected in South Asia
  - ~**30%** additional deaths globally would be from South Asia
  - **69%-182%** increase in malaria incidence in Northern China
- 
- **16,000 cases per year** (40-fold increase compared to 2010)
  - **75%** additional deaths globally from South Asia

# Asia and Asian health sector not only experience the effects of climate change, but also make a sizeable contribution to global warming

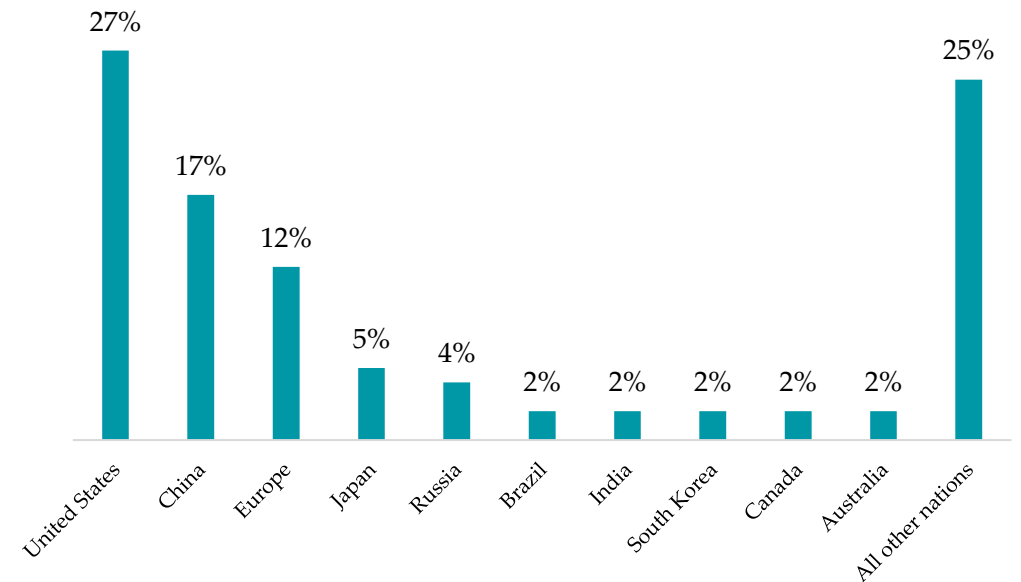
As of 2021, Asian countries accounted for eight seats of the top 10 greenhouse gas (GHG) emitters in the world, with China and India surpassing the total GHG of 27 EU countries.

According to the calculation by Health Care Without Harm (2019), among the top 10 contributors to health care's climate footprint, six are Asian countries.

Top 10 greenhouse gas emitters in the world (2021) and the change since 2017 (unit: MtCO<sub>2</sub>e; %)



Top ten emitters as percentage of global health care footprint



## Private sector in Asia exhibit notable gaps and insufficient commitment to addressing climate change and its health impacts

- The efforts made by many health industry leaders to reduce the environmental footprint of their operations have been **insufficient**, contributing to GHG emissions through energy-intensive processes and waste generation.
- The health sector frequently fails to **incorporate climate resilience into their strategic planning** or lack of expertise to fulfill this goal, leaving healthcare infrastructure vulnerable to climate-related disruptions.
- Climate change/climate-related efforts in the health industry tend to be **fragmented and inadequately funded**, lacking a cohesive approach to integrate climate action with health outcomes.
- Many climate change-related innovations, products, services, and projects in the health industry have not **effectively reached frontline communities**, particularly marginalized and vulnerable populations, or achieved scalability. Simultaneously, these initiatives often lack thorough evaluation and fail to **establish effective synergies** with actions from public and third sectors.

**Coalition Design**

**02**

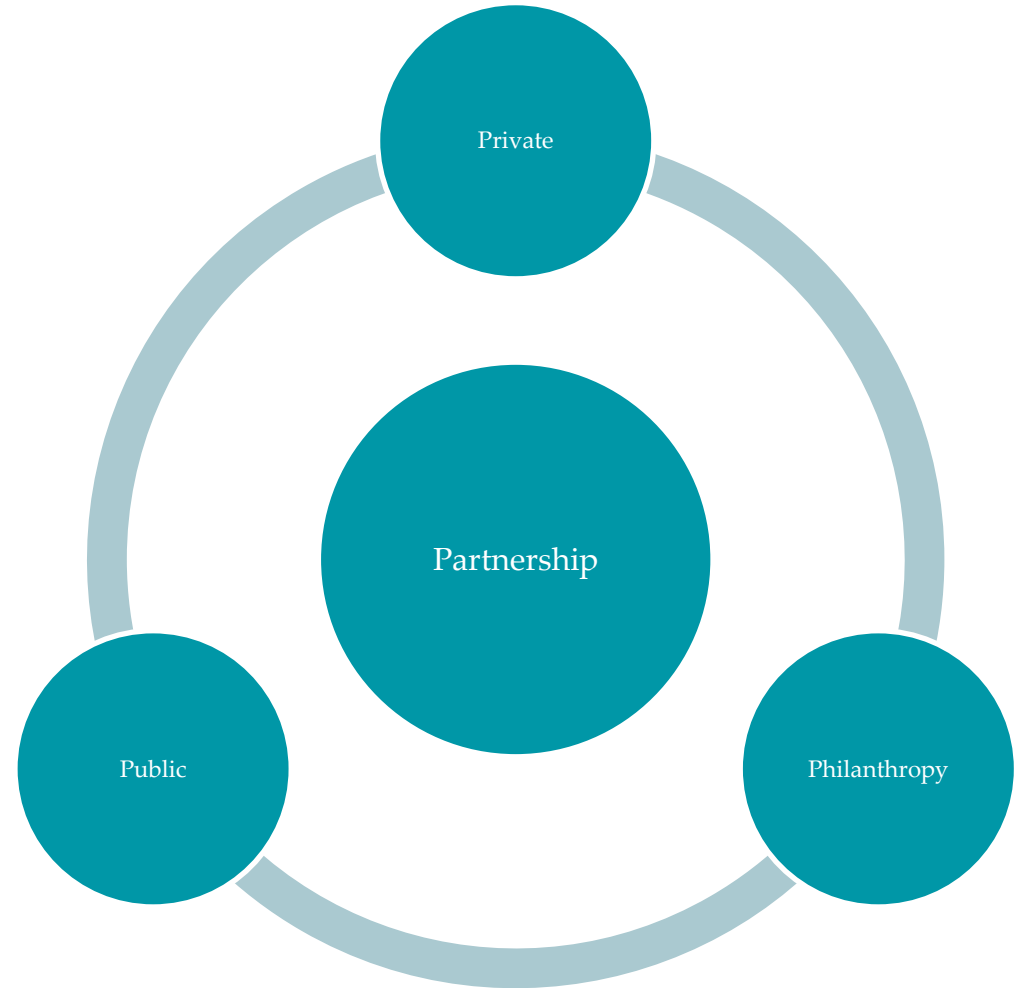
# Vision and Mission

## Vision

Create a healthier, more resilient future for Asia and the world

## Mission

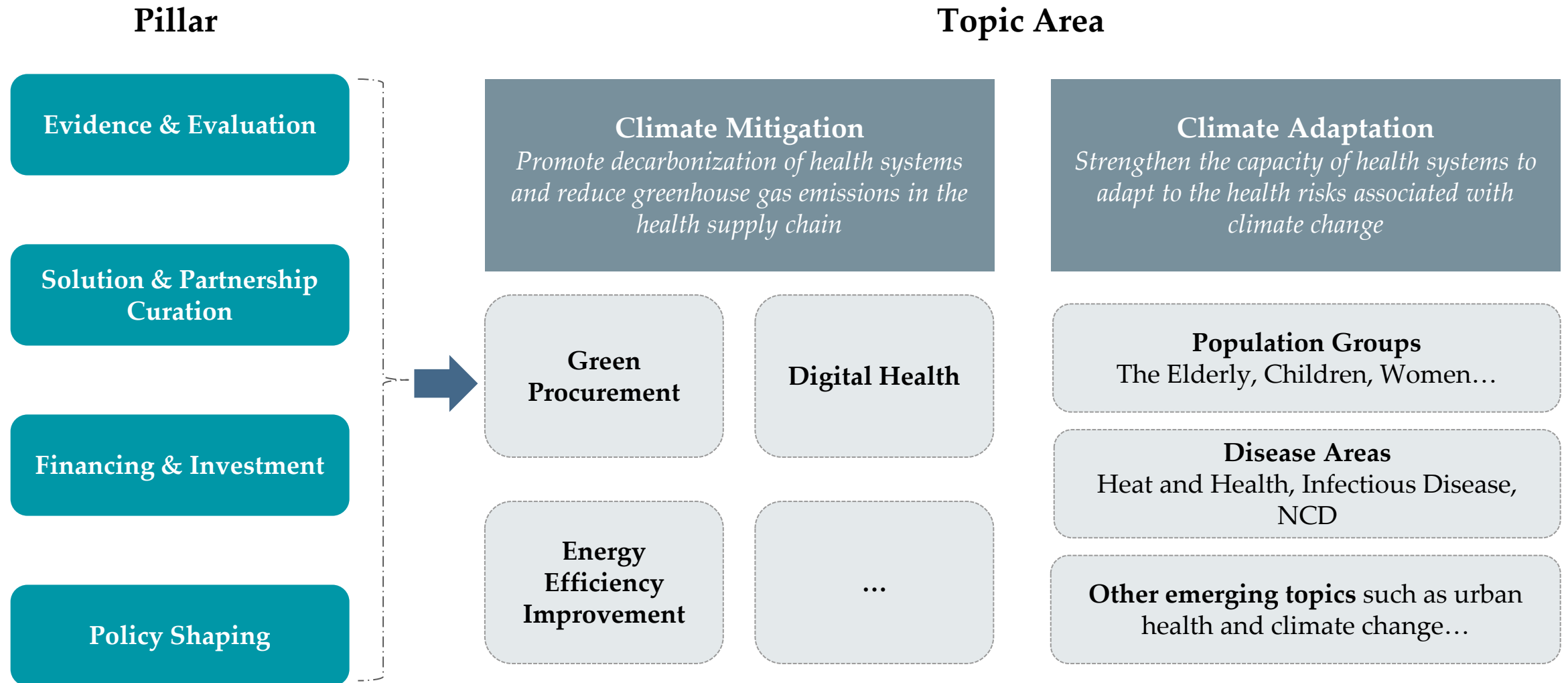
The Asia Health Leaders Coalition for Climate Change is committed to fostering transformative public-private-philanthropy partnerships to address the pressing health challenges posed by climate change. By scaling up innovative solutions and leveraging Asia's unique experiences, the Coalition aims to drive impactful policy change and advocacy, not only within the region but also as a model for global collaboration.



# Objectives and Activities

- 1 Demonstrate the urgency of action at the climate-health nexus:**  
Provide compelling evidence of the connection between climate change and health and build consensus among stakeholders on the severity and interconnectedness of these challenges.
- 2 Foster collaboration and knowledge exchange among health industry leaders:**  
Unite leaders across the health industry to share best practices, drive innovation, and amplify the impact of climate-health solutions.
- 3 Empower action across the healthcare ecosystem:**  
Equip stakeholders (e.g., innovators, startups, and downstream healthcare providers) with tools, knowledge, and resources to implement effective climate-health strategies and broaden the scope of collective action.
- 4 Advocate for enabling policies and systemic change:**  
Promote policies and regulatory frameworks that integrate climate-health considerations, incentivize climate action, and create an environment for sustainable and climate-resilient health systems.

# Pillar and Topic Area



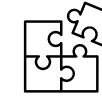
# Partner Ecosystem



## Development & Philanthropy

(Foundations (private, family, corporate);  
Bilateral and multilateral development  
agencies; INGOs)

*Provide grant funding, technical assistance,  
and network access; support policy advocacy  
and ecosystem development*



## Industry

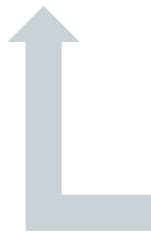
(Health service provider; Technology; Pharma. &  
medical device; Insurance; Financial institution)

- *Develop, implement, and scaling solutions and new approaches; reduce sectoral carbon footprint*
- *Develop investment frameworks and finance models; fund climate health actions; assess climate-related financial risks in healthcare*



## Academia

*Generate evidence on the climate-health interconnection,  
evaluate intervention effectiveness, develop new methodologies,  
and inform innovation and policy*





# Organizations We Are Engaging With

## Development & Philanthropy



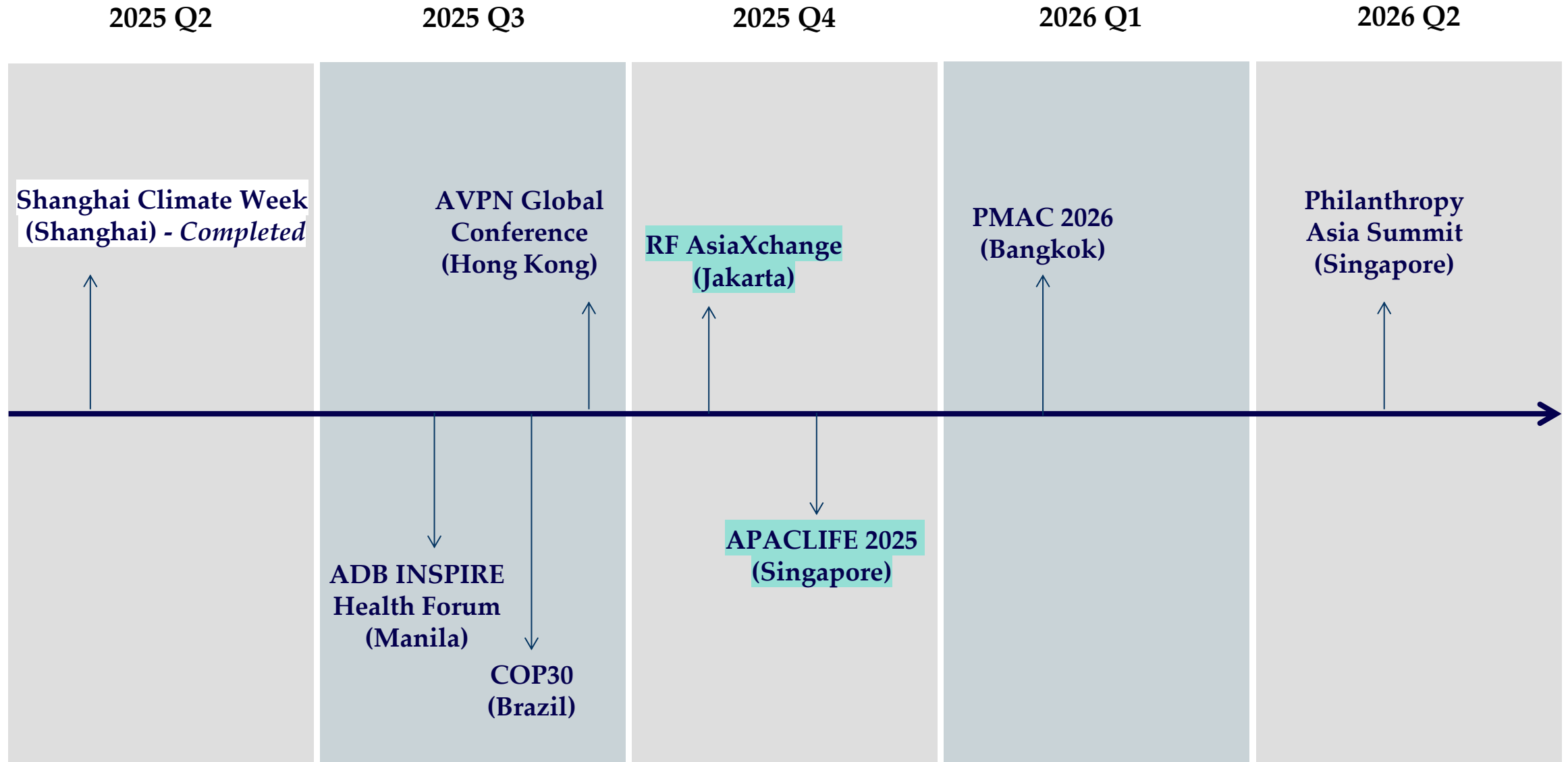
## Industry



## Academia



# Convening Calendar



# Coalition Event During Shanghai Climate Week 2025

**Date:** April 22, 2025

**Location:** Shanghai

**Key partner(s) for the event:** New York University Shanghai (LOUD); Shanghai Energy

**Participating organizations (illustrative):** Institute of Philanthropy, ADB, AIIB, C40, Phillips Healthcare, TNZ, Merck Life Science, Phillips Healthcare, Raffles Medical Group, New Frontiers Group

**Focused themes:** Urban Health and Climate Change; Green Transition of Healthcare Sector; Health infrastructure for climate mitigation and adaptation



# Upcoming Event Snapshot

## APACLIFE 2025

**Date:** November 2025

**Location:** Singapore

**Key partner(s) for the event:** Singapore Economic Development Bureau, The Rockefeller Foundation

**Potential participating coalition members:** CIIP/Temasek Trust, DBS Bank/DBS Foundation, GAVI, AIIB, IFC, Novo Holdings, CBC Group...

**Focused themes (tentative):** Life science industry's green transition and its unique roles in building climate-resilient health systems; "P-P-P-P" for climate health mitigation and adaptation in Asia; Impact evaluation of climate health actions

## PMAC 2026

**Date:** January 2026

**Location:** Bangkok, Thailand

**Key partner(s) for the event:** The Rockefeller Foundation

**Potential participating coalition members:** C40, NUS School of Public Health, Reaching the Last Mile, UNICEF, WHO, Wellcome Trust, World Economic Forum, Bayer Foundation...

**Focused themes (tentative):** Heat resilience of LMICs in Asia; Climate health initiatives for vulnerable population groups; Insurance and social protection mechanisms for climate-health risks

# Collaboration Opportunity

Member	Vision Member
<ul style="list-style-type: none"><li>• Participate in coalition dialogues and knowledge-sharing activities</li><li>• Access to best practices and networking opportunities across the coalition</li><li>• Contribute insights and expertise to collective learning</li><li>• Join working groups on climate-health topics of interest</li><li>• Invitation to coalition events and access to research outputs</li></ul>	<p>All benefits of Coalition basic membership, plus:</p> <ul style="list-style-type: none"><li>• Co-design and co-convene specific agenda items or sessions at coalition events</li><li>• Drive focused <b>topic areas</b> or lead initiatives within <b>one of the coalition pillars</b></li><li>• Collaborate on <b>tailored research initiatives</b> aligned with organizational priorities</li><li>• Opportunity to shape policy recommendations and industry standards</li><li>• Enhanced visibility as thought leaders in the climate-health domain</li><li>• Customized engagement pathway based on strategic priorities and resources</li></ul>

*Note: Specific membership contribution details will be discussed individually with interested organizations based on engagement level and collaborative initiatives.*

## Value for Partnering Organization

### Networking and business opportunities

Opportunity to connect with industry leaders, policymakers, development banks, healthcare providers, and digital health companies. This will foster collaboration and potentially lead to new business opportunities.

### Influence on policy and industry standards

Through collective advocacy efforts, participating organizations can influence policy decisions, shape industry standards, and contribute to the development of climate-resilient health systems.

and more...

### Access to knowledge and expertise

Members will gain access to cutting-edge research, best practices, and innovative solutions in the field of climate-resilient health. This will enhance their decision-making capabilities and organizational competencies.

### Enhanced reputation and brand value

Active participation in the Coalition will demonstrate a commitment to sustainable practices and corporate social responsibility, enhancing the reputation and brand value of participating organizations.

# Contact Us

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