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ASIAN DEVELOPMENT BANK BUSINESS OPPORTUNITIES FAIR 2025

16-18 SEPTEMBER 2025 | ADB HEADQUARTERS, MANILA

QUALITY INNOVATION IMPACT

Climate Change

Climate Change and Sustainable Development Department



Asia and the Pacific Climate Change Context

- Most disaster-hit region from weather, climate and water-related hazards, with rapidly escalating and compounding hazards, such as more **intense heatwaves, heavier rainfall, rising sea level, flooding, glacial melt, and other weather extremes.**
- The region contributes to over half of global annual greenhouse gas emissions.
- Massive investments are needed to help the region reduce emissions and urgently scale up resilience to the impacts of climate change.

From 1991-2024, climate-related disasters in Asia and the Pacific resulted in:



551,174
deaths



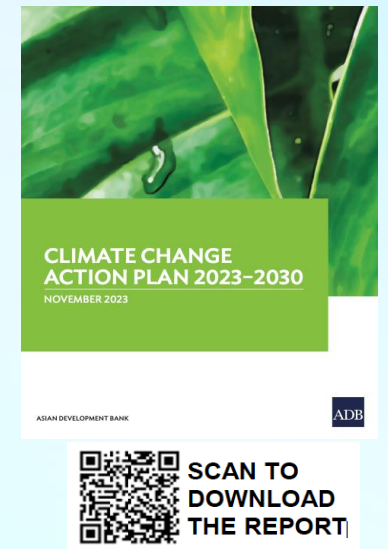
5.3 billion
affected
people



about **\$1.6 trillion**
in loss and damage

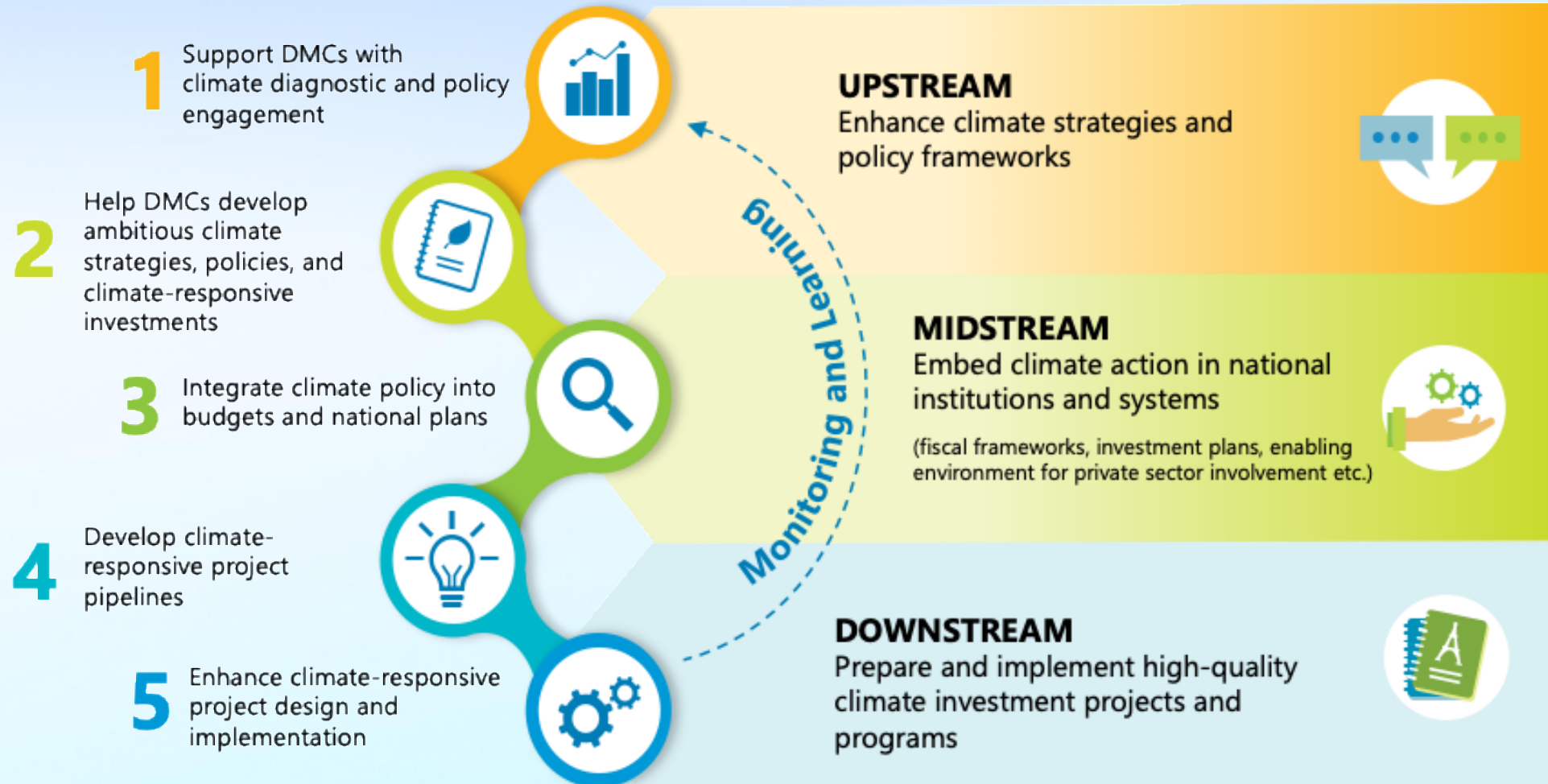
Climate Action

- ✓ Climate finance to reach 50% of the total annual committed financing volume by 2030 to ensure a cumulative achievement of more than \$100 billion in climate finance from 2019-2030.
- ✓ Fully aligned ADB sovereign and nonsovereign operations with the goals of the [Paris Agreement](#) (since 1 July 2023).





Support for ADB DMCs' climate action



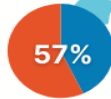


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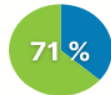
Asia and the Pacific is at the center of the global low-carbon transition



Percentage of coal in total electricity mix, as of 2022

5.4 MJ / USD of GDP

Energy intensity vs. global average of 4 MJ (2017 PPP)



Of global renewable energy capacity addition



Renewable energy manufacturing capacity (green), versus world (blue)

Scale and pace of the transition will be disruptive

Forward-looking, well-coordinated policy action is essential to manage the region's exposure to transition risk

The transition offers significant economic, social, and environmental opportunities

Asia and the Pacific is ideally positioned to benefit from the low-carbon transition



The Challenge

How can we best support DMCs in their transition?

Enabling countries to:

- Reduce emissions in line with their commitments under the Paris Agreement
- Identify and integrate transition risk into policy planning
- Mitigate climate transition risk through policies and investments
- Identify and unlock new social and economic opportunities

Transition as Transformation: Empowering DMCs for Low Carbon Futures

What DMCs need

ADB's Role

Institutional foundations

Out of the fossil-fuel economy

Into the green economy

Leaving no one behind

Capacity building, knowledge support, international cooperation and exchange of best practice

Access to climate and transition finance

International cooperation, technology transfer, Research and Development

Social protection, fostering quality employment, labor rights

Social dialogue and inclusion

Workforce training and reskilling, education reform

Building bankable project pipelines

Policy coherence and institutional reform, sector and economic low-carbon transition planning,

Data and MRV systems

Upstream TA support, knowledge provision, exchange of best practise

Develop robust investment pipelines that are aligned with the Paris Agreement and support the transition

Support policy and institutional reform

Provide finance for low-carbon infrastructure development

Help crowd-in private sector finance;
Support development of enabling environment for private sector investment



Private Sector Climate Transition

Challenge: to unlock investment at scale, create investable pipelines of projects that support transformational change.

This requires combined involvement of countries, the private sector and DFIs, recognizing:

- Significant investment gaps on all levels.
- >90% of investment will come from private sources

ADB is shifting toward private sector development with a strong pipeline.

Expected growth across key sectors:

- Due diligence requirements technology, engineering, climate/energy
- Transition planning
- Climate risk assessment and management

Renewable
Energy

E-fuels and
biofuels

Environmental
Infrastructure

Green
Financing
Facilities (FIs)

Green Data
Centers

Critical
Minerals for
Green Energy

Agrifood and
nature-based
solutions

Energy
efficiency and
manufacturing

Sustainability-
linked finance,
thematic bonds



ADB's Carbon Market Program

Climate Action Catalyst Fund

- Commenced Operations in Jan 2024.
- **Financial Commitment: A total of \$ 77 million from the Swedish Energy Agency and the Norwegian Ministry of Climate and Environment.**
- **Mobilize carbon finance** to catalyze investments for the deployment of low-carbon technologies and solutions **including through the private sector.**
- Incentivize transformative Mitigation Actions in ADB DMCs by **purchasing ITMOs and MOs under Article 6 of the Paris Agreement** on behalf of the Financing Partners.
- Support a diverse range of Mitigation Actions and facilitate the **delivery of sustainable development impacts** in ADB's DMCs.

Article 6 Support Facility

- Commenced Operations in Jan 2019.
- Funded under TA 9695 (**US\$ 8.8M**) by ADB's TASF, Govt of Germany, Swedish Energy Agency and Govt of New Zealand.
- **Enhance Carbon Market Readiness**
 - **Upstream:** Policy, Regulatory & institutional infrastructure
 - **Midstream:** Identify potential sector and develop pipeline
 - **Downstream:** Technical support for project preparation for carbon markets
- **Collaboration** with Other Development Partners for the co-creation of **high integrity carbon markets.**
- **Knowledge Products & capacity building**
- **Global Public Goods**
 - Attribution
 - SD Impact Assessment
 - MOPA/Term Sheet Templates

Japan Fund for the Joint Crediting Mechanism

- Commenced Operation in June 2014.
- **Financial Contribution: \$137.30 million by the Ministry of Environment Japan, Government of Japan.**
- Provide financial incentives (grant) for the deployment of advanced low-carbon technologies and solutions.
- Support GHG mitigation actions through the Joint Crediting Mechanism, a bilateral carbon market mechanism between Japan and the DMCs, aligned with Article 6.2 of the Paris Agreement.
- Provide co-financing support to ADB-financed projects including investment projects financed by ADB or ADB administered funds, and ADB TAs for developing JFJCM pipeline projects.



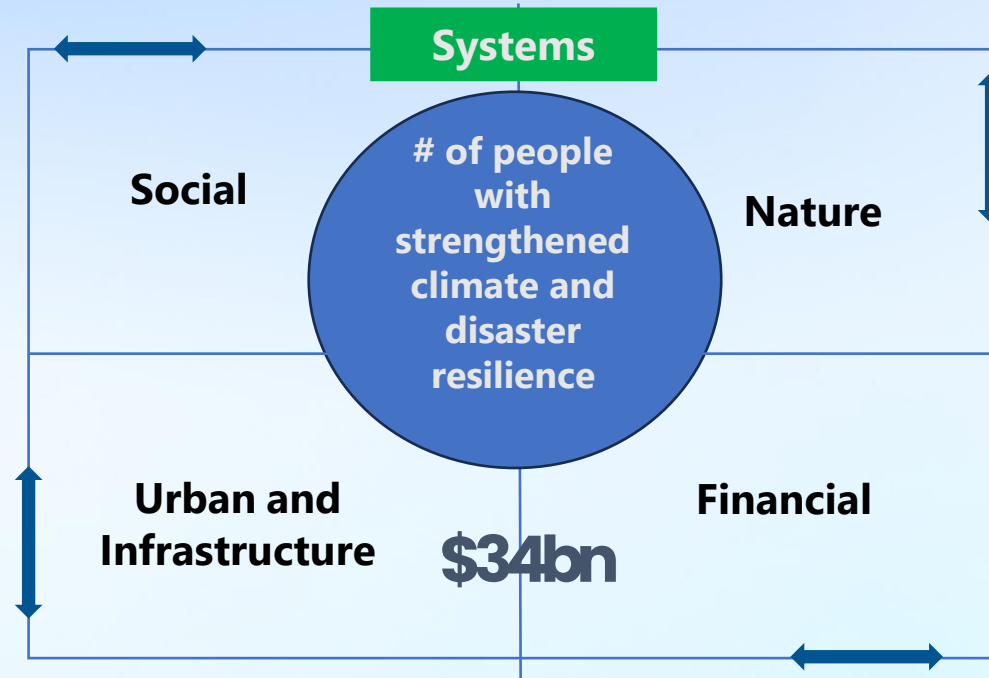
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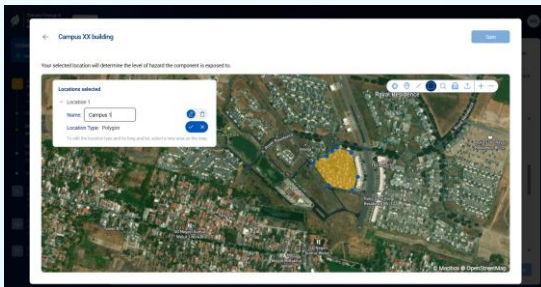
Q & A



Climate Adaptation and Resilience



Risk Analytics



Risk-informed Decision Making



Investments in Resilience





Fiscal Resilience Initiative

Fiscal Resilience Initiative (FRI) will expand ADB's support for Ministries of Finance to scale-up and align financial flows with low-emission and climate resilient development

1. Generate evidence and build capacities to support decision-making

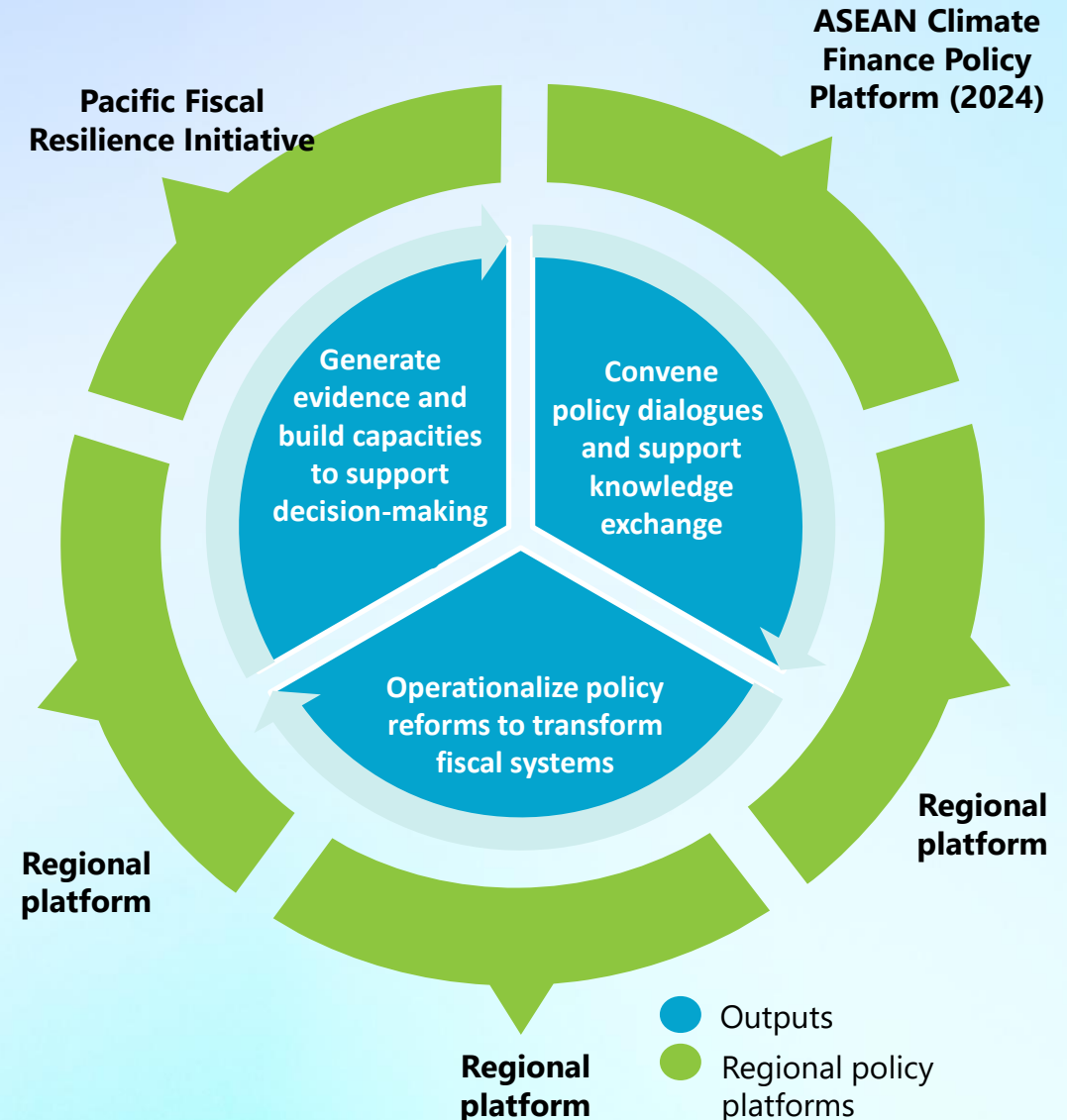
- Region and country specific fiscal resilience assessments
- Capacity building to strengthen leadership, collaboration and human and analytical capability within Ministries of Finance

2. Convene policy dialogues and support knowledge exchange

- Coalition of Finance Ministers for Climate Actions (CFMCA)
- ASEAN Climate Finance Policy Platform
- Pacific Fiscal Resilience Initiative

3. Operationalize policy reforms to transform fiscal systems

- Policy Based Lending (PBL)
- Technical assistance to support policy and institutional reforms
- Leveraging synergies with other development partners

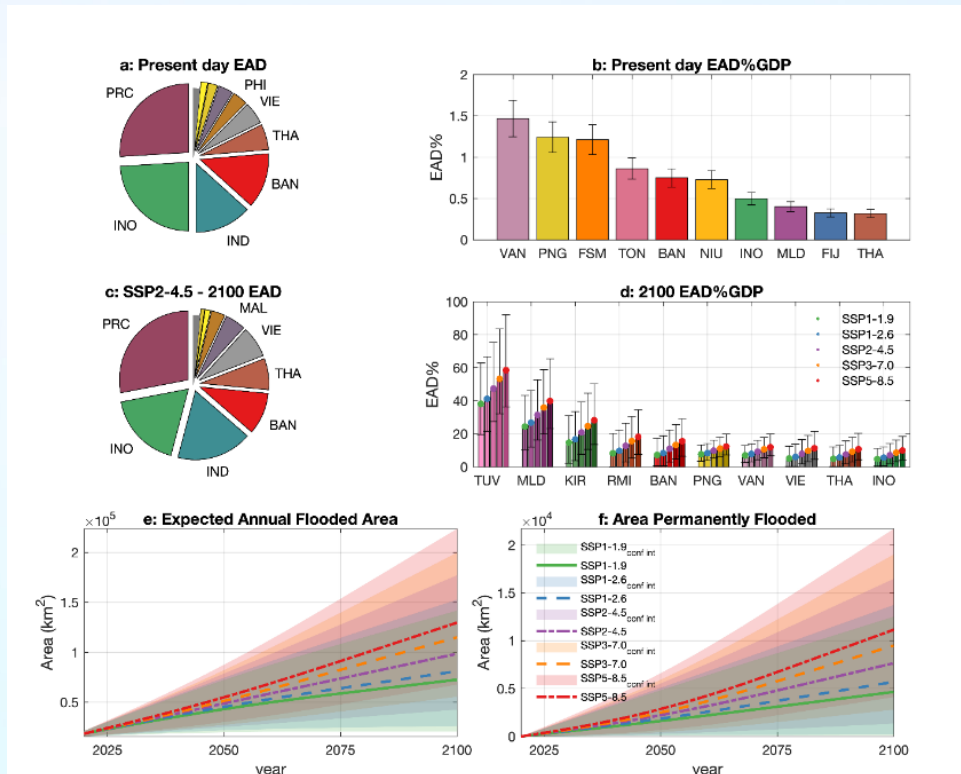




Investing in Coastal Resilience and Atoll Adaptation

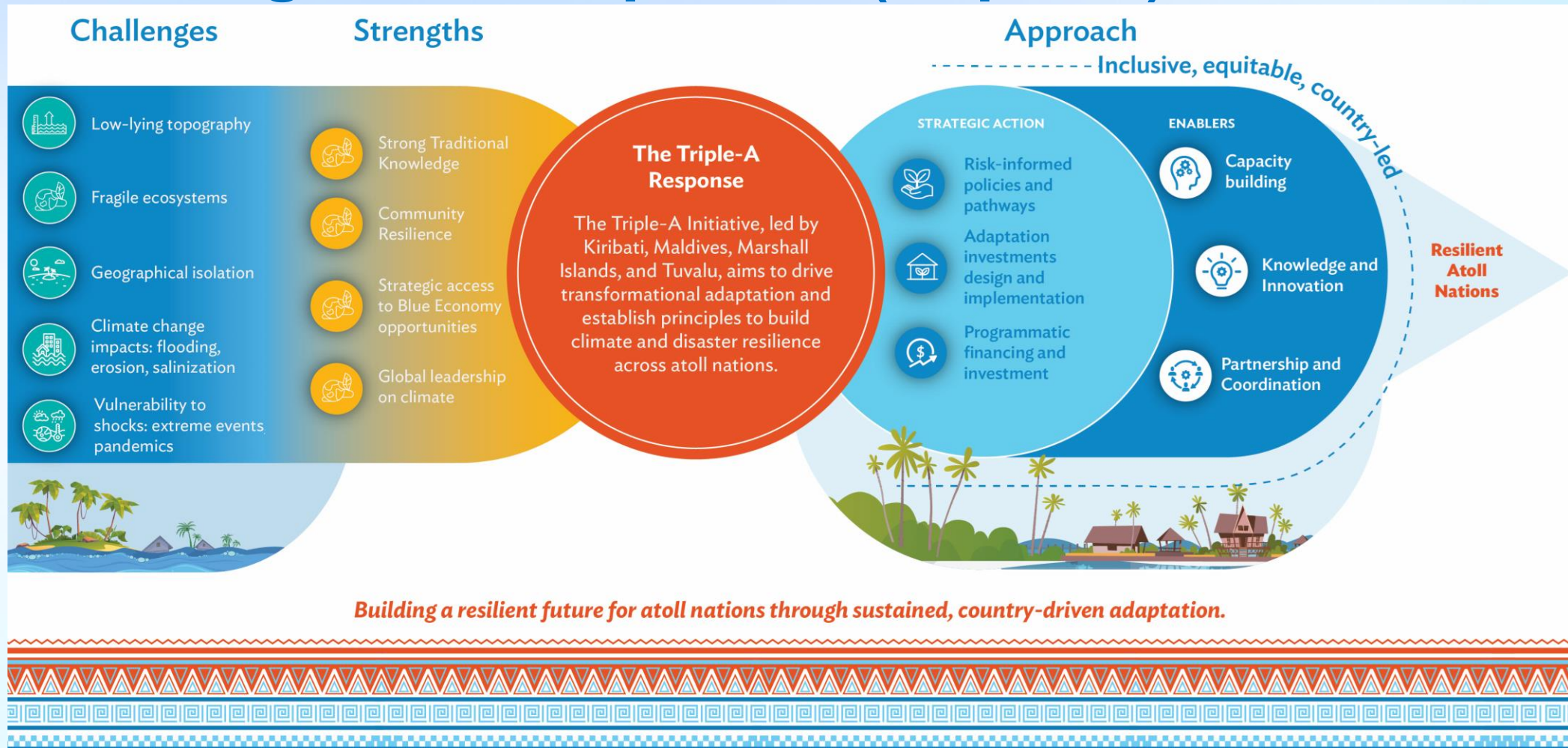
- More than **70%** of the global population under threat of sea level rise, lives in Asia and the Pacific
- By 2070, based on OECD figures, **15 of the 20 cities** with the largest populations exposed to coastal flooding will be in Asia
- According to the IPCC, sea level rise could reach ~1 meter by 2100, driving unprecedented increases in flooding, coastal erosion, and salinity intrusion, with major consequences for **food security** and **global trade**

- Coastal flood losses could increase **5 times by 2050** and **12 times by 2100**, potentially reaching **2.8% of GDP** under high-emission scenarios
- Annual coastal adaptation costs in DMCs could range from **\$9 billion to \$17 billion**, however the benefits far outweigh the costs, with net economic benefits projected to be at least **10 times** the investment. **ADB typically procuring consultancy services to support project preparation and implementation**
- **Countries Most Affected by 2100**
Countries with the highest absolute impact (\$):
- PRC, INO, IND, BAN
Countries with the highest relative impact (w.r.t country GDP):
- TUV, MLD, KIR, RMI, BAN





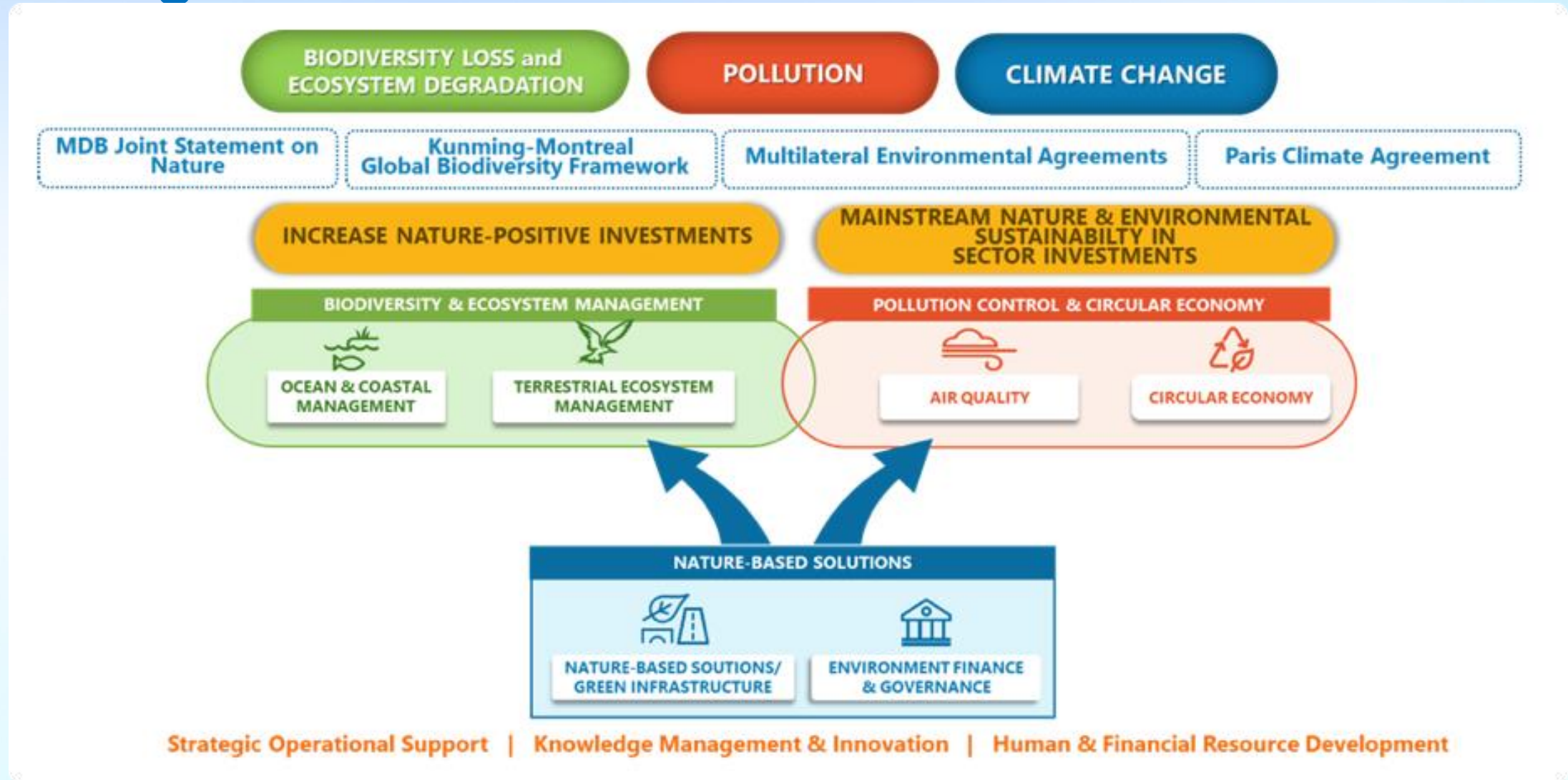
Accelerating Atoll Adaptation (Triple-A)



👉 ADB procuring consultancy services to support the management of the program and its implementation (e.g., technical studies)



Scaling Nature and Environment Investments





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CCRE-ENV TAs

No	Approval Numbers	Project Name	Approval Date	Completion Date	TA Amount (\$)	Possible consulting opportunities	
						Individual	Firm
1	6669	Promoting Action on Plastic Pollution from Source to Sea in Asia and the Pacific: Prioritizing and Implementing Actions to Reduce Marine Plastic Pollution (Subproject 2)	11 Dec 2020	30 Nov 2025	6,000,000	-	-
2	6742	Building Coastal Resilience through Nature-Based and Integrated Solutions	30 Jun 2021	15 Jun 2026	6,522,539	-	-
3	6746	Scaling Up the East Asian-Australasian Flyway Initiative	14-Jul-21	30-Jun-26	1,791,745	3	-
4	10010	Mainstreaming Nature-Positive Investments for Green, Resilient and Inclusive Recovery	2-Dec-22	30-Nov-25	1,600,000	2	-
5	10074	Promoting Climate-Resilient and Sustainable Blue Economies	22-Dec-22	31-Dec-28	9,874,330	2	2
6	10243	Enhancing Environmental Sustainability through Inclusive, Integrated Solutions (formerly Mainstreaming Circular Economy Approaches for Sustainable Development)	14-Dec-23	31-Dec-28	4,338,026	8	1
7	10398	Enhancing Outcomes of the Nature Solutions Finance Hub in Asia and the Pacific	26-Nov-24	31-Dec-28	5,439,083	12	-
8	10537	Scaling Up Clean Air Actions for Better Health and Resilience	25-Apr-25	31-Dec-28	3,130,000	4	-
		TOTAL AMOUNT OF TA PORTFOLIO			38,695,723		

No	Approval Numbers	Project Name	Approval Date	Completion Date	TA Amount (\$)	Possible consulting opportunities
1	TBD	Philippines GBF Implementation Project	Q1/2 2026	Q1/2 2031	14,000,000	Multiple, focus on Philippines only.
2	TBD	Oceans and Flyways as a platform for delivering Regional Public Goods	Q1 2026	Q4 2028	1,500,000	Multiple
3	TBD	G2F Biodiversity Subprogram and Central Asian Flyways	Q3 2026	Q3 2031	4,000,000	Multiple
4	TBD	Armenia support for CBD COP17	Q4 2025/Q1 2026	Q4 2026	500,000	2



CCRE-CC TAs

TA no.	TA Title	Total TA amount (\$ '000)	Completion date
10173	Provincial and Municipal Climate Change Adaptation Capacity Improvement	524.80	31 Dec 2026
10039	Operationalizing Paris Alignment in the Country Programming Processes	1,700.00	31 Dec 2025
10048	Adaptation Metrics to Scale Up and Align Investment with Climate-Resilient Development	1,000.00	31 Dec 2025
10049	Enabling a Just Transition to Low-Carbon and Climate-Resilient Economies and Societies in Asia and the Pacific	3,630.00	31 Dec 2026
10098	Bridging the Gap Between Climate Adaptation Planning and Financing	4,707.94	31 Dec 2026
10125	Operationalizing the Community Resilience Partnership Program	4,707.94	31 Jul 2027
10172	Building Adaptation and Resilience in the Hindu Kush Himalayas-Bhutan and Nepal	6,520.00	28 Oct 2028
10326	Supporting the Implementation of ADB's Climate Change Action Plan Through Enhancing Climate Finance Plans	2,707.94	31 May 2027
10379	Supporting Climate Adaptation Strategy for Atoll Nations	932.94	31 Dec 2027
10397	Supporting Climate-Smart Urban Development through City Climate Action Planning	2,000.00	30 Sep 2027
6539	Investing in Climate Change Adaptation through Agroecological Landscape Restoration: A Nature-Based Solution for Climate Resilience	2,180.00	31 Oct 2025
6629	Improved Decision-Making for Climate Resilient Development in Asia and the Pacific	2,150.00	31 Oct 2025
6933	Identifying Climate Adaptation Investment Priorities	1,000.00	31 Dec 2025
9395	Support the Implementation of the Asia-Pacific Climate Finance Fund	1,375.00	31 Dec 2025
9414	Supporting Adaptation Decision Making for Climate Resilient Investments	4,299.98	31 Dec 2025
9695	Establishing a Support Facility for Article 6 of the Paris Agreement	7,776.08	31 Dec 2026
9700	Sustaining Climate and Disaster Risk Resilient and Low Carbon Development in South Asia	3,551.10	30 Nov 2025
9716	Supporting Ambitious Climate Action through Implementation of Developing Member Countries' Nationally Determined Contributions	6,400.00	31 Dec 2025



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Q & A

The background features a large, dark blue geometric shape that resembles a stylized mountain range or a series of overlapping triangles. The shape is composed of several triangular facets in various shades of blue, yellow, orange, and green, creating a layered, three-dimensional effect.

Thank you