

Asian Development Bank (ADB) supplementary climate documentation

Principal Strategic Documents:

[Instructions: You are invited to complete/modify the following text and list of publicly available strategic documents related to your climate mainstreaming approach]

Principal Strategic Documents	
Climate Change Operational Framework 2017–2030: Enhanced Actions for Low Greenhouse Gas Emissions and Climate-Resilient Development (2017)	This framework provides direction for enhancing resilience and supporting climate adaptation and mitigation actions in ADB operations and business processes.
Strategy 2030: Achieving a Prosperous, Inclusive, Resilient, and Sustainable Asia and the Pacific (2018)	Strategy 2030 sets the course for ADB’s efforts to respond effectively to the Asia and Pacific region’s changing needs.
Operational Priority 3: Tackling Climate Change, Building Climate and Disaster Resilience, and Enhancing Environmental Sustainability (2019)	The third operational priority (OP3) of Strategy 2030 is to tackle climate change, build climate and disaster resilience, and enhance environmental sustainability. The OP3 operational plan details key responses as identified in Strategy 2030.
ADB Corporate Results Framework 2019-2024 (2019)	This paper presents proposals for the Asian Development Bank (ADB) corporate results framework (CRF) for 2019–2024 that is aligned with Strategy 2030.
Energy Policy Supporting Low-Carbon Transition in Asia and the Pacific (2021)	This policy guides ADB’s energy sector operations to support energy access improvement and low-carbon transition in Asia and the Pacific.
Strategy 2030 Directional Guides: <ul style="list-style-type: none"> • Overview (2022) • Education (2022) • Energy (2022) • Finance (2022) • Health (2022) • Transport (2022) • Urban (2022) • Water (2022) • Digital Technology (2022) • Social Protection (2022) • Agriculture, Food, Nature and Rural Development (forthcoming) 	These sector directional guides set out the overall direction, principles, and focus of ADB’s sector operations in support of Strategy 2030 while responding to the emerging and future needs of developing member countries, with particular focus will be on tackling climate change, harnessing opportunities offered by digitization, and supporting a green, inclusive and resilient post-COVID recovery.
Monitoring and Evaluation of ADB’s Climate Change Operational Framework	This paper reviews the CCOF2030 results framework and examines its primary components pertaining to good monitoring and evaluation. Drawing lessons from the pilot monitoring of the CCOF2030 results framework and

(CCOF2030) 2017–2030 (SDWP 81) (2022)	<p>the database, this paper also aims to help inform future approach to framework design and implementation. Further, it examines similarities or potential overlaps between the CCOF2030 and Strategy 2030 Operational Priority 3, which tackles the intersecting themes of climate change, climate and disaster resilience, and environmental sustainability.</p>
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Principal Tools and Methodologies:

[Instructions: You are invited to list publicly available documents presenting the tools and methodologies your institutions is using as part of climate mainstreaming efforts]

Principal Tools and Methodologies	
ADB Tools and Methodologies	
Guidelines and Guidance Notes	
Climate Risk Management in ADB Projects (2014)	<p>ADB's climate risk management approach aims to reduce risks resulting from climate change to investment projects in Asia and the Pacific. ADB's framework identifies climate change risks to project performance in the early stages of project development and incorporates adaptation measures in the design of projects at risk.</p>
Principles of Climate Risk Management for Climate Proofing Projects (2020)	<p>This document identifies opportunities to update the ADB climate risk management (CRM) process and climate risk and adaptation assessments (CRAs). The intent is to streamline the CRM framework with a fit-for-purpose approach, and to improve the quality and consistency of CRAs. To this end, a set of guiding principles aligned with the three main phases of the ADB project cycle—conceptualization, preparation, and implementation—is presented here. The principles highlight the value of a more strategic method for upstream activities, as well as the benefits of a differentiated approach, in view of the varying CRA needs of projects. Specific principles are proposed for improving the main CRA steps, with a focus on project understanding and decision-led risk assessment, and on the prioritization of adaptation options. Finally, the paper emphasizes the need to strengthen downstream activities, to ensure that good practice flows into implementation. The paper provides useful lessons and insights into climate risk management for ADB and its developing member countries, as well as information relevant to climate risk assessments of investments.</p>
How to Use Gender Approaches to Build Climate Resilience: Tips for Designing ADB Projects based on Experiences in the Pacific (2020)	<p>This note provides practical guidance for designing projects that seek both to build resilience to climate risks and promote gender equality.</p>

Guidelines for Climate Proofing Investment in the Water Sector: Water Supply and Sanitation (2016)	This methodological approach assists project teams in managing climate change risk in the context of water supply and sanitation investment projects.
Guidelines for Climate Proofing Investment in the Energy Sector (2013)	This provides a step-by-step methodological approach to help project teams assess climate change adaptation measures into energy investment projects.
Guidelines for Climate Proofing Investment in Agriculture, Rural Development, and Food Security (2012)	This publication aims to present a step-by-step methodological approach to assist project teams assess and incorporate climate change adaptation measures into investment projects in agriculture, rural development, and food security.
Guidelines for Climate Proofing Investment in the Transport Sector: Road Infrastructure Projects (2011)	This publication aims to present a step-by-step methodological approach to assist project teams to incorporate climate change adaptation measures into transport sector investment projects.
Energy Subsector Guidance Notes <ul style="list-style-type: none"> • Gas (2023) • Waste to Energy (2023) • Large Hydropower (forthcoming) 	These guidance notes provide screening criteria for the planning, design, and development of energy subsector operations based on the requirements set under the (i) ADB 2021 Energy Policy, (ii) ADB Paris Agreement Alignment (PAA) Guidance Note, and the (iii) Common Principles of Climate Mitigation Finance Tracking.
Greenhouse Gas Emissions Accounting for ADB Energy Project Economic Analysis: Guidance Note (2019)	This guidance note focuses on economic analysis of greenhouse gas emissions effects of projects in the energy sector. Recommendations seek to make practices consistent across cost-benefit calculations. ¹
Guidelines for Estimating Greenhouse Gas Emissions of Asian Development Bank projects: Additional guidance for clean energy projects (2017)	These guidelines provide ADB energy sector staff, consultants, and other interested readers with an understanding of key concepts and principles for estimating and reporting on the climate change impacts of energy projects and provide more detail on estimating the emissions reductions attributable to energy efficiency and renewable energy projects ² , consistent with the IFIs' guidance documents.
Guidelines for the Economic Analysis of Projects (2017)	Guidelines for ADB staff, consultants, and officials of developing member countries in assessing project proposals for economic viability and financial sustainability. It also includes guidance on estimating the global social cost of carbon, across all projects, to estimate the benefit in damage avoided for projects that reduce emissions and the cost in damage created for projects that increase emissions (unit value of \$36.30 per ton of CO ₂ or its equivalent in 2016 prices for 2016 emissions, to be increased by 2% annually in real terms to allow for the potential of increasing marginal damage of global warming over time, per

¹ ADB. 2019. *Greenhouse Gas Emissions Accounting for ADB Energy Project Economic Analysis: Guidance Note*. <https://www.adb.org/documents/guidance-note-greenhouse-gas-emissions-accounting>.

² ADB. 2017. *Guidelines for Estimating Greenhouse Gas Emissions of ADB Projects*. <https://www.adb.org/documents/guidelines-estimating-ghg-energy-projects>.

	estimates of the Intergovernmental Panel on Climate Change). ³
Guidelines for Estimating Greenhouse Gas Emissions of Asian Development Bank Projects: Additional Guidance for Transport Projects (2016)	This publication provides ADB transport sector staff, consultants, and other interested readers with an understanding of key concepts and principles in measuring climate change impacts of transport projects. Guidelines herein focus on greenhouse gas emissions as part of climate change mitigation and include a practical set of methods in measuring emissions of different transport subsectors.
Accelerating Climate and Disaster Resilience and Low-Carbon Development through the COVID-19 Recovery (2020)	This technical note presents an assessment framework for designing coronavirus disease (COVID-19) recovery interventions that are geared toward accelerating climate and disaster resilience and low-carbon development.
Revised Operations Manual Section D7 (Disaster and Emergency Assistance) (2023)	Provides strategic guidance on how to enhance the efficiency and impact of ADB's support to its DMCs in strengthening resilience to disasters and emergencies and places a balanced emphasis on risk reduction, preparedness, and response based on strong risk analytics
Operations Manual Section D19 (Emergency Assistance Loan) (2022)	Provides policies and procedures on emergency assistance loans
Guidance Note on Mainstreaming Water Resilience in Asia and the Pacific (2022)	This guidance note provides specific actions and tools for scaling up and mainstreaming resilience in the water sector operations of the ADB based on six mutually reinforcing pillars
Guidance Note on Fostering Regional Cooperation and Integration for Recovery and Resilience (2022)	This guidance note explains how wider, deeper, and more open regional cooperation and integration in Asia and the Pacific can support resilience and recovery from the pandemic.
Dashboards and datasets	
Climate Change Financing at ADB <ul style="list-style-type: none"> • Dashboard • Dataset 	The site contains a dashboard showing data on climate financing from 2016 onwards coming from ADB administered donor trust funds. Financing from multilateral climate funds such as Global Environment Facility, Climate Investment Fund, Green Climate Fund, and bilateral financing, among other are detailed. Data is disaggregated by: mitigation finance/adaptation finance, sector, region, instrument, recipient, and source. A link to downloadable datasets is also presented in the site.
Results of ADB-Supported Operations: Tackling Climate Change, Building Climate and Disaster Resilience, and Enhancing Environmental Sustainability	<u>The site contains the aggregate amounts of contributions of operations to indicators of Operational Priority 3 of Strategy 2030 which seeks to tackle climate change, build climate and disaster resilience, and enhance environmental sustainability.</u>

³ ADB. 2017. *Guidelines for the Economic Analysis of Projects*. <https://www.adb.org/sites/default/files/institutional-document/32256/economic-analysis-projects.pdf>.

Asian Transport Outlook Database	<p>This database was initiated by ADB to strengthen the knowledge base on transport in the Asia-Pacific region. It is developed in support of the planning and delivery of ADB Transport Sector Assistance, and also supports Asian governments in transport policy development and delivery. ADB is working with other interested parties in developing the ATO as an instrument to track the implementation of the Sustainable Development Goals, the Paris Agreement and other relevant international agreements on sustainable development in the transport sector.</p>
Basic Statistics Series <ul style="list-style-type: none"> • Publications • Datasets 	<p>The series presents data on selected social, economic, and SDG indicators such as population, poverty, annual growth rate of gross domestic product, inflation, and government finance for economies in Asia and the Pacific.</p>
Key Indicators Database	<p>The database is ADB's central statistical database and one of the world's most comprehensive resources for macroeconomic and social indicators from across Asia and the Pacific.</p>
<p>Joint MDB Tools and Methodologies</p>	
Common Principles for Climate Mitigation Finance Tracking (2021)	<p>The Common Principles for Climate Mitigation Finance Tracking consist of a set of definitions and guidelines and a list of eligible activities that allow for consistent accounting and reporting of financial flows for climate change mitigation finance.⁴</p>
Joint Multilateral Development Banks' Methodology for Tracking Climate Mitigation Finance , in the 2021 Joint Report on Multilateral Development Banks' Climate Finance (2022)	<p>A new version of the common principles, including the list of eligible activities, taking particularly the following two aspects into account: (i) consideration of new mitigation activities that are required in order to achieve the structural changes in the economy pointed out by the IPCC as necessary to achieve the goals of the Paris Agreement and (ii) identification of activities that, despite reducing GHG emissions in the short term, risk a long-term lock-in of emissive technologies, thereby undermining the long-term temperature goal of the Paris Agreement, such activities cannot be considered as climate mitigation finance.⁵</p>
Common Principles for Climate Change Adaptation Finance Tracking (2015)	<p>The Common Principles, intended to be primarily applied in development finance, consist of a set of initial principles related to tracking commitments in adaptation finance.⁶</p>
Joint Multilateral Development Banks' Methodology for Tracking Climate Change Adaptation Finance (2022)	<p>The joint MDB methodology seeks to identify the links between adaptation activities and the project's explicit intent to reduce vulnerability to climate change and</p>

⁴ AfDB, ADB, AIIB, EBRD, EIB, IDB, IDFC, IsDB, NDB, WBG. 2021. *Common Principles for Climate Mitigation Finance Tracking*. https://www.eib.org/attachments/documents/mdb_idfc_mitigation_common_principles_en.pdf.

⁵ AfDB, ADB, AIIB, CEB, EBRD, EIB, IDBG, IsDB, NDB, WBG. 2022. *Joint Report on Multilateral Development Banks' Climate Finance*. https://www.adb.org/sites/default/files/related/2021-MDBs-Report-Climate-Finance_2.pdf.

⁶ AfDB, ADB, EBRD, EIB, IDB, WBG. 2015. *Common Principles for Climate Change Adaptation Finance Tracking*. https://www.eib.org/attachments/documents/mdb_idfc_adaptation_common_principles_en.pdf.

	takes a context-specific, granular and conservative approach to reduce scope for over-reporting of adaptation finance and seeks to identify the links between adaptation activities and the project's explicit intent to reduce vulnerability to climate change. ⁷ It is an update to the Common Principles for Climate Change Adaptation Finance Tracking adopted in 2015.
A Framework and Principles for Climate Resilience Metrics (2019)	This paper sets out principles, including core concepts and other characteristics of climate resilience metrics, together with a high-level framework for such metrics in financing operations, focusing mainly on MDB and IDFC operations but with wider applicability to other types of financial institutions. ⁸
The MDBs' alignment approach to the objectives of the Paris Agreement (2018)	The MDBs' approach is based on six building blocks that have been identified as the core areas for alignment with the objectives of the Paris Agreement. A joint MDB working group is developing methods and tools to operationalize this effort under each of the building blocks: 1) Alignment with mitigation goals; 2) Adaptation and climate-resilient operations; 3) Accelerated contribution to the transition through climate finance; 4) Engagement and policy development support; 5) Reporting; and, 6) Align internal activities. ⁹
Joint MDB Methodological Principles for Assessment of Paris Agreement Alignment of New Operations— Direct Investment Lending Operations (2023)	This document provides methodological principles for assessing the alignment of operations with the mitigation goals (BB1) and adaptation and climate resilience goals (BB2) of the Paris Agreement. ¹⁰
Joint MDB Methodological Principles for Assessment of Paris Agreement Alignment of New Operations — Intermediated Financing (2023)	This document builds on the core principles of 'Direct Investment Lending Operations' to develop an approach for determining alignment of MDB financial flows via financial intermediaries and provides two options to assess the PA of intermediated finance: (1) Transaction-based alignment, (2) Counterparty-based alignment. ¹¹
Joint MDB Methodological Principles for Assessment of Paris Agreement Alignment of New Operations — General Corporate Purpose Financing (2023)	This document provides methodological principles for assessing the alignment of operations with mitigation goals (BB1) and adaptation and climate resilient operations (BB2) of the Paris Agreement, by taking into account the core principles of 'Direct Investment Lending Operations' and adopts the concept into private real sector investment operations without targeted use of proceeds ¹²

⁷ AfDB, ADB, AIIB, CEB, EBRD, EIB, EDB, IsDB, NDB, WBG. 2021. *Joint Methodology for Tracking Climate Change Adaptation Finance*. https://www.eib.org/attachments/lucalli/20220242_mdb_joint_methodology_climate_finance_en.pdf.

⁸ AfDB, ADB, AIIB, EBRD, EIB, IDB, IDFC, IsDB. 2019. *A Framework and Principles for Climate Resilience Metrics in Financing Operations*. <https://publications.iadb.org/publications/english/viewer/A-Framework-and-Principles-for-Climate-Resilience-Metrics-in-Financing-Operations-en.pdf>.

⁹ AfDB, ADB, AIIB, EBRD, EIB, IDB, IsDB, NDB, WBG. 2018. *The MDB's alignment approach to the objectives of the Paris Agreement: working together to catalyse low-emissions and climate-resilient development*. <https://thedocs.worldbank.org/en/doc/784141543806348331-0020022018/original/JointDeclarationMDBsAlignmentApproachtoParisAgreementCOP24Final.pdf>.

¹⁰ AfDB, ADB, AIIB, CEB, EBRD, EIB, IDBG, IsDB, NDB, WBG. 2023. *Joint MDB Methodological Principles for Assessment of Paris Agreement Alignment of New Operations – Direct Investment Lending Operations*. <https://www.adb.org/sites/default/files/related/603316/MDB-PA-DL-Principles.pdf>.

¹¹ AfDB, ADB, AIIB, CEB, EBRD, EIB, IDBG, IsDB, NDB, WBG. 2023. *Joint MDB Methodological Principles for Assessment of Paris Agreement Alignment of New Operations – Intermediated Financing*. <https://www.adb.org/sites/default/files/related/603321/MDB-PA-FI-Principles.pdf>.

¹² AfDB, ADB, AIIB, CEB, EBRD, EIB, IDBG, IsDB, NDB, WBG. 2023. *Joint MDB Methodological Principles for Assessment of Paris Agreement Alignment of New Operations – General Corporate Purpose Financing*. <https://www.adb.org/sites/default/files/related/603341/MDB-PA-GCP-Principles.pdf>.

Joint MDB Methodological Principles for Assessment of Paris Agreement Alignment of New Operations — Policy-Based Lending Operations (2023)	This document provides methodological principles for assessing the alignment of operations with the mitigation (BB1) and adaptation and climate resilient (BB2) goals of the Paris Agreement and takes into account the core principles of Direct Investment Lending Operations’ and extends the concept to operations where financial flows support national and sub-national programs of policy reforms and institutional actions that promote growth, poverty reduction and sustainable development through Policy-based lending operations (PBLs). ¹³
Joint MDB Methodological Principles for Assessment of Paris Agreement Alignment of New Operations - List of Activities Considered Universally Aligned with the Paris Agreement’s Mitigation Goals or Not Aligned with the Mitigation Goals (2023)	This document presents the lists of activity types that are currently considered to always be consistent or inconsistent with low-greenhouse gas (GHG) development pathways. ¹⁴

Case studies:

[Instructions: You are invited to check the following list of case studies your institution submitted until now. Please contact michael.alonzi@i4ce.org, claire.eschalier@i4ce.org or sarah.bendahou@i4ce.org if you would like to provide new case studies (see materials attached to this email for guidance), update some case studies or delete some case studies.]

- [Asian Development Bank’s Public Climate Financing Database \(2017, working link\)](#)
- [ADB scales up the integration of physical climate risk management into its operations \(2017, working link\)](#)
- [Asian Development Bank’s \(ADB\) Climate Change Operational Framework 2017-2030 \(CCOF2030\) \(2017, working link\)](#)
- [ADB integrates Climate Risk Management Framework throughout operations \(2015, working link\)](#)
- [Asian Development Bank \(ADB\) makes climate change core to operations through series of strategy and policy changes \(2015, working link\)](#)

Key reports and other materials published by the institution:

¹³ AfDB, ADB, AIIB, CEB, EBRD, EIB, IDBG, IsDB, NDB, WBG. 2023. *Joint MDB Methodological Principles for Assessment of Paris Agreement Alignment of New Operations — Policy-Based Lending Operations*. <https://www.adb.org/sites/default/files/related/603346/MDB-PA-PBL-Principles.pdf>.

¹⁴ AfDB, ADB, AIIB, CEB, EBRD, EIB, IDBG, IsDB, NDB, WBG. 2023. *Joint MDB Methodological Principles for Assessment of Paris Agreement Alignment of New Operations - List of Activities Considered Universally Aligned with the Paris Agreement’s Mitigation Goals or Not Aligned with the Mitigation Goals*. <https://www.adb.org/sites/default/files/related/603351/MDB-PA-Universally-Aligned-and-Not-Aligned%20Lists.pdf>.

[Instructions: You are invited to list any other publicly available reports and training materials released by your institution, which could be useful for peer financial institutions]

<https://www.adb.org/documents/asian-development-bank-sustainability-report-2020>

Key Reports and Other Materials	
ADB Key Reports	
Climate-Related Financial Disclosures 2021: Progress Report on Implementing the Recommendations of the Task Force on Climate-Related Financial Disclosures (2022)	This report provides an overview of the ADB's progress in implementing the recommendations of the Task Force on Climate-Related Financial Disclosures (TCFD) established by the G20's Financial Stability Board. ¹⁵
Delivering on the Sustainable Development Goals through Solutions at the Energy, Food and Finance Nexus: 2023 Asia–Pacific SDG Partnership Report (2023)	This report shows how cascading crises are pushing the Sustainable Development Goals (SDGs) out of reach of Asia and the Pacific economies and explains how energy, food, and finance systems can boost resilience and kickstart development progress. ¹⁶
Asia in the Global Transition to Net Zero: Asian Development Outlook 2023 Thematic Report (2023)	This report models emission pathways based on commitments and pledges under the Paris Agreement and compares them with more optimal routes to net zero. It examines required transformations in the energy sector and land use and assesses socioeconomic implications. The report looks at policy costs, climate benefits, air quality co-benefits, and labor market outcomes, and discusses policies for an efficient and equitable transition.
Green Public Investment Management: Governance Aspects of Strengthening Infrastructure Sustainability (2023)	This brief studies the importance of green public investment management (PIM) for their sustainable economic growth.
Disaster Recovery Planning: Explanatory Note and Case Study (2023)	This publication outlines why post-disaster needs assessments (PDNA) should provide comprehensive details of the economic and social impacts of disasters on countries to swiftly mobilize resources and support resilient recovery.
Decentralization, Local Governance, and Localizing the Sustainable Development Goals in Asia and the Pacific (2022)	This book, co-published with Routledge, explores the crucial role of subnational levels of government in accelerating progress toward the Sustainable Development Goals in Asia and the Pacific.
Financing Climate-Friendly Cooling at City Scale (2023)	This paper explores how greener refrigeration and air-conditioning could be provided at city scale.
Finding Balance 2023: Benchmarking Performance and Building Climate Resilience in Pacific State-Owned Enterprises (2023)	This publication reviews the financial performance of state-owned enterprises (SOEs) in nine Pacific island economies and looks at how policy makers can help state-owned power utilities address climate risk.
Scaling Up Local Adaptation Measures through Climate-Responsive Decentralization Processes (2023)	This publication explores how climate change adaptation can be integrated into decentralized governance

¹⁵ ADB. 2022. *Climate-Related Financial Disclosures 2021: Progress Report on Implementing the Recommendations of the Task Force on Climate-Related Financial Disclosures*. <https://www.adb.org/documents/climate-related-financial-disclosures-2021>.

¹⁶ ADB. 2023. *Delivering on the Sustainable Development Goals through Solutions at the Energy, Food and Finance Nexus: 2023 Asia–Pacific SDG Partnership Report*. <https://www.adb.org/documents/2023-asia-pacific-sdg-partnership-report>.

	processes to address root causes of vulnerability in Asia and the Pacific.
Asia's Progress Toward Greater Sustainable Finance Market Efficiency and Integrity (2023)	This report summarizes insights on transparency and integrity in sustainable finance markets shared at a series of webinars hosted by the Asian Development Bank and State Street Global Advisors.
Green Urban Planning: Lessons from Mongolia on Climate Proofing Cities in Cold Regions (2022)	This paper identifies lessons for urban planning in cold climates from an Asian Development Bank pilot project in Mongolia.
Climate Change and Earthquake Exposure in Asia and the Pacific: Assessment of Energy and Transport Infrastructure (2022)	This study analyzes the exposure of energy and transport assets in Asia and the Pacific to climate change and earthquake hazards and highlights how multi-hazard assessment can help strengthen the resilience of crucial infrastructure.
Building Resilience of the Urban Poor: The Potential for Disaster Risk Financing Solutions Used by Microfinance Institutions (2022)	This report shows how innovative finance solutions can bolster climate resilience in the fast-urbanizing Asia and the Pacific by helping microfinance institutions (MFIs) funnel emergency support to small and medium-sized enterprises (SMEs).
Accelerating Private Sector Engagement in Adaptation in Asia and the Pacific (2022)	This working paper outlines how to scale up the private sector's involvement in climate adaptation and harness its financial clout, technical know-how, and ingenuity to help build climate resilient economies in the Asia and Pacific region.
Building Resilience of the Urban Poor: Recommendations for Systemic Change (2022)	This report explains how rising climate and disaster risk can increase the vulnerability of the Asia and Pacific region's urban poor and how engendering systemic change can strengthen their resilience.
Unlocking Islamic Climate Finance (2022)	This report analyzes how Islamic finance can be scaled up to help build urgently-needed climate-resilient infrastructure in the Asia and Pacific region, and ensure its post-COVID-19 recovery is green, sustainable, and inclusive.
Multilateral Development Bank Support for Disaster-Resilient Infrastructure Systems (2022)	This publication explores how multilateral development banks (MDBs) can help improve the resilience of infrastructure given increasing climate and disaster risks.
Beating the Heat: Investing in Pro-Poor Solutions for Urban Resilience (2022)	This publication examines opportunities for pursuing pro-poor urban resilience initiatives to reduce the increasing impacts of heat stress faced by urban populations in Asia and the Pacific.
Financing Clean Energy in Developing Asia—Volume 2 (2022)	This book examines clean energy financing and approaches in hydropower and demand-side energy efficiency projects, along with policies and strategies based on experiences in South Asia.
Redefining Strategic Routes to Financial Resilience in ASEAN+3 (2021)	This book explores how regional financial cooperation could support greater financial resilience in ASEAN+3 amid rapid economic and financial development and technological change.
Just Transition Beyond the Energy Sector (2021)	This brief advocates that Just Transition be considered to minimize the potential negative impacts of climate action

	in key non-energy economic sectors in Asia and the Pacific.
From Kyoto to Paris—Transitioning the Clean Development Mechanism (2021)	This publication provides insights on deliberations regarding the Clean Development Mechanism (CDM) transition and implications for Asia and the Pacific, in preparation for the 26th Conference of Parties (COP26).
Digital Technologies for Climate Action, Disaster Resilience, and Environmental Sustainability (2021)	This publication aims to inform and influence the strategic deployment of digital technologies in developing Asia to help tackle climate change, build climate and disaster resilience, and enhance environmental sustainability.
Gender-Inclusive Legislative Framework and Laws to Strengthen Women’s Resilience to Climate Change and Disasters (2021)	This report provides guidance on how to integrate gender equality in laws and policies on climate change and disaster management in Asian Development Bank's developing member countries.
Article 6 of the Paris Agreement: Drawing Lessons from the Joint Crediting Mechanism (Version II) (2021)	This publication examines the alignment of the Joint Crediting Mechanism (JCM) with the requirements under Article 6.2 of the Paris Agreement on the framework, national, and project levels.
Carbon Pricing for Green Recovery and Growth (2021)	This publication discusses how carbon pricing instruments can be designed to help achieve net-zero greenhouse gas (GHG) emission targets while enabling economic recovery from the coronavirus disease (COVID-19) pandemic.
100 Climate Actions from Cities in Asia and the Pacific (2021)	This publication showcases 100 projects and programs tackling climate change and its impacts on people and the environment in cities across Asia and the Pacific.
Leveraging Technology and Innovation for Disaster Risk Management and Financing (2020)	This joint report by ADB and the OECD examines how emerging technologies and innovation can improve the management of disaster and climate risks and the availability and affordability of financial protection tools.
Growing Green Business Investments in Asia and the Pacific: Trends and Opportunities (2020)	This paper discusses the opportunities and challenges for green businesses in Asia and the Pacific. It also identifies the market motivations, regulatory and nonregulatory mechanisms, and implications for companies.
Green Finance for Asian State-Owned Enterprises: An Opportunity to Accelerate the Green Transition (2020)	This report reveals how state-owned enterprises (SOEs) in Asia's emerging economies can play a key role in helping to tackle climate change and biodiversity loss, by using green bonds to upgrade their economic activities from polluting to green.
Carbon Offsetting in International Aviation in Asia and the Pacific: Challenges and Opportunities (2020)	This report provides detailed information about the Carbon Offsetting and Reduction Scheme for International Aviation (CORSIA) and the challenges and opportunities for developing countries in Asia and the Pacific to benefit from the scheme as a source of carbon offsets. It includes an analysis of the offset demand outlook in the context of the novel coronavirus pandemic. The report is targeted to climate policy makers and carbon offset suppliers in the region and aims to contribute to policy development that supports the supply of carbon offsets to international aviation.

Climate Change, Coming Soon to a Court Near You: Report Series Purpose and Introduction to Climate Science (2020)	Report 1 guides readers through some of the basics about climate change as a defining challenge of our time. It further explains how judges from Asia and the Pacific contribute to climate governance and litigation.
Climate Change, Coming Soon to a Court Near You: Climate Litigation in Asia and the Pacific and Beyond (2020)	Report 2 contains a comprehensive review of the growing number and variety of climate lawsuits in Asia and the Pacific. It underscores the unique flavor and voice of regional jurisprudence and compares it with global approaches.
Climate Change, Coming Soon to a Court Near You: National Climate Change Legal Frameworks in Asia and the Pacific (2020)	Report 3 provides holistic syntheses of the climate legal and policy frameworks of 32 countries in Asia and the Pacific and discusses key legislative trends and climate-relevant constitutional rights.
Climate Change, Coming Soon to a Court Near You: International Climate Change Legal Frameworks (2020)	Report 4 explores the Paris Agreement and the international legal framework that supports global and domestic climate action. It highlights the crucial role of judges in holding their governments accountable for their climate pledges.
COVID-19 Recovery: A Pathway to a Low-Carbon and Resilient Future (2020)	This brief introduces a framework to help countries tackle the climate crisis and build resilience as an integral part of their recovery from the coronavirus disease (COVID-19) pandemic.
Green, Social, and Sustainability Bonds for Asia and the Pacific (2020)	This publication highlights how green bonds can help fund projects supporting climate change mitigation, adaptation, and resilience. It also features milestones achieved and successful projects implemented in Asia and the Pacific.
Feeling the Heat: Climate Risks and the Cost of Sovereign Borrowing (2020)	Vulnerability to the direct effects of climate change matter more than climate risk resilience in the implications for sovereign borrowing costs.
Enhancing Women-Focused Investments in Climate and Disaster Resilience (2020)	This publication explores why targeted investments in women are crucial to increase resilience to climate change and disasters and to achieve broader sustainable development.
Achieving Nationally Determined Contributions through Market Mechanisms in Asia and the Pacific (2020)	This working paper analyzes the nationally determined contributions (NDCs) of ADB's developing member countries (DMCs) in line with opportunities that may be relevant to Article 6 of the Paris Agreement.
Blockchain and Tokenized Securities: The Potential for Green Finance (2020)	This publication applies an inductive approach based on qualitative evidence from expert feedback to assess the potential of blockchain-based security tokens to address these market failures.
Article 6 of the Paris Agreement: Drawing Lessons from the Joint Crediting Mechanism (2019)	This publication aims to provide insights into the Joint Crediting Mechanism initiated by the Government of Japan in line with negotiations on Article 6 of the Paris Agreement.
Climate, Urbanization, and Conflict: The Effects of Weather Shocks and Floods on Urban Social Disorder (2019)	This paper finds evidence that the displacement of population by flooding is associated with a higher risk of social disorder in large cities in developing countries.

The Links between Climate Change, Disasters, Migration, and Social Resilience in Asia: A Literature Review (2019)	This paper reviews relevant literature on disasters and migration to present predicted impacts and likely trends on mobility, economic growth, and social resilience in Asia.
Rethinking the Limits of Climate Change Adaptation (2019)	This paper considers the potential extent of adaptation to sea level rise by examining the adaptation of communities in low-lying Philippine islands that flood during spring tides.
Handbook on Battery Energy Storage System (2019)	This handbook serves as a guide to deploying battery energy storage technologies, specifically for distributed energy resources and flexibility resources.
Climate Change and Natural Disasters: Transforming Economies and Policies for a Sustainable Future (2017)	This publication proposes that economic growth will become sustainable only if governments, political actors, and local communities combine natural disaster prevention and controlling climate change into national growth strategies. When considering all types of capital, particularly human capital, climate action can drive economic growth, rather than hinder it.
Reports and Research Series	
Asian Development Outlook (ADO) Series	The Asian Development Outlook analyzes economic and development issues in developing countries in Asia. This includes forecasting the inflation and gross domestic product growth rates of countries throughout the region, including the People's Republic of China and India.
Sustainable Development Working Papers	The Sustainable Development Working Papers highlight successful projects and good practices to promote quality, knowledge, and innovation for sustainable development within the ADB recipient countries.
ADB Sustainability Reports	The Sustainability Report of the Asian Development Bank (ADB) provides, in a readily available format, information about the Bank's continued work on promoting environmentally sustainable and inclusive growth, and on reducing its corporate footprint. The report responds to and presents information in accordance to the Global Reporting Initiative's reporting guidelines. ¹⁷
Climate Risk Country Profiles	These publications comprehensively synthesize climate characteristics and projections, vulnerability to natural hazards, sectoral climate change impacts, and adaptation priorities
Development Effectiveness Reviews	The Development Effectiveness Review, an annual report by ADB Management, assesses ADB's progress in implementing its long-term strategic framework, Strategy 2030. The review covers all operations financed by ADB's ordinary capital resources and the Asian Development Fund, ADB's concessional lending window. It presents emerging trends and identifies actions for improving corporate performance. ¹⁸
Training Courses and Knowledge Platforms	

¹⁷ ADB. n.d. *ADB Sustainability Reports*. <https://www.adb.org/documents/series/adb-sustainability-reports>.

¹⁸ ADB. n.d. *Development Effectiveness Review (DEfR)*. <https://www.adb.org/documents/series/development-effectiveness-review>.

Development Asia	Development Asia is the ADB’s knowledge collaboration platform for sharing development experience and expertise, best practices, and technologies relevant to the Sustainable Development Goals.
Training Manuals and Toolkits	
Carbon Pricing and Fossil Fuel Subsidy Rationalization Tool Kit (2023)	This tool kit offers a step-by-step guide for economies in Asia and the Pacific looking to design, build, and implement emission trading systems (ETS) to help speed up their transition to a greener, more inclusive future.
Assessing the Enabling Environment for Disaster Risk Financing: A Country Diagnostics Toolkit (2020)	This diagnostics toolkit is designed to help countries assess the financial management of disaster risk and to provide a basis for them to enhance financial resilience through insurance and other risk transfer instruments.
Waste to Energy in the Age of the Circular Economy: Best Practice Handbook (2020)	This handbook features best practices for integrating waste to energy and related technologies into the operations of various industries in developing Asia.
Manual on Climate Change Adjustments for Detailed Engineering Design of Roads Using Examples from Viet Nam (2020)	This step-by-step manual describes procedures for climate change adjustments relative to extreme rainfall and local sea level estimates.
Information Sources to Support ADB Climate Risk Assessments and Management: Technical Note (2018)	This technical note provides information that supports climate risk assessment experts undertaking early stages of project development in Asia and the Pacific region.
Mainstreaming Gender into Climate Mitigation Activities (2017)	Guidelines for policy makers and proposal developers provide pragmatic advice in designing gender-responsive climate policies and funding proposals.
Training Manual to Support Country-Driven Gender and Climate Change (2016)	This publication aims to provide trainers, practitioners, and policy makers of environment and gender mainstreaming agencies an understanding of key concepts and approaches to gender-responsive mitigation measures, strategies, and policies. It covers key concepts on gender and climate change and concludes with step-by-step guidelines for policy and decision makers to mainstream gender into climate policies and projects, with practical tools and exercises to support training on gender and climate change.
Green City Development Tool Kit (2015)	This tool kit is a reference for ADB staff, consultants, and city leaders that introduces key concepts of Green City development and identifies crosscutting issues that help in designing urban programs to support city development in a green and sustainable manner. It outlines a three-step city assessment framework and provides a summary of existing tools and resources for green and sustainable development.
Joint MDB Key Report	
Joint Report on MDB’s Climate Finance series (since 2011)	The Joint Report on Multilateral Development Banks’ Climate Finance is an annual collaborative effort to publish multilateral development bank climate finance figures, together with a clear explanation of the methodologies for tracking this finance. This joint report, alongside the banks’ publication of climate finance

	<p>statistics in their respective corporate media, is intended to track progress in relation to their climate finance targets such as those announced at COP21 and the greater ambition pledged for the post-2020 period</p>
<p>2020 Joint Report on MDB's Climate Finance (2021)</p>	<p>This tenth edition of the Joint Report on Multilateral Development Banks' Climate Finance is an overview of climate finance committed in 2020 by the African Development Bank (AfDB), the Asian Development Bank (ADB), the Asian Infrastructure Investment Bank (AIIB), the European Bank for Reconstruction and Development (EBRD), the European Investment Bank (EIB), the Inter-American Development Bank Group (IDBG), the Islamic Development Bank (IsDB) and the World Bank Group (WBG). This year's report summarises information on climate finance tracking from the New Development Bank (NDB), presented separately from the joint figures.³ NDB climate finance commitments are not yet included in the total MDB climate finance reported in this year's edition.¹⁹</p>
<p>2021 Joint Report on MDB's Climate Finance (2022)</p>	<p>This 11th edition of the Joint Report on Multilateral Development Banks' Climate Finance is an overview of climate finance committed in 2021 by the African Development Bank (AfDB), the Asian Development Bank (ADB), the Asian Infrastructure Investment Bank (AIIB), the European Bank for Reconstruction and Development (EBRD), the European Investment Bank (EIB), the Inter-American Development Bank Group (IDBG), the Islamic Development Bank (IsDB) and the World Bank Group (WBG). This year's report also summarises information on climate finance tracking from the New Development Bank (NDB) and the Council of Europe Development Bank (CEB), presented separately from the joint figures.⁵ NDB and CEB climate finance commitments are not yet included in the total MDB climate finance reported in this year's edition.</p>