

Energy Sector Activities

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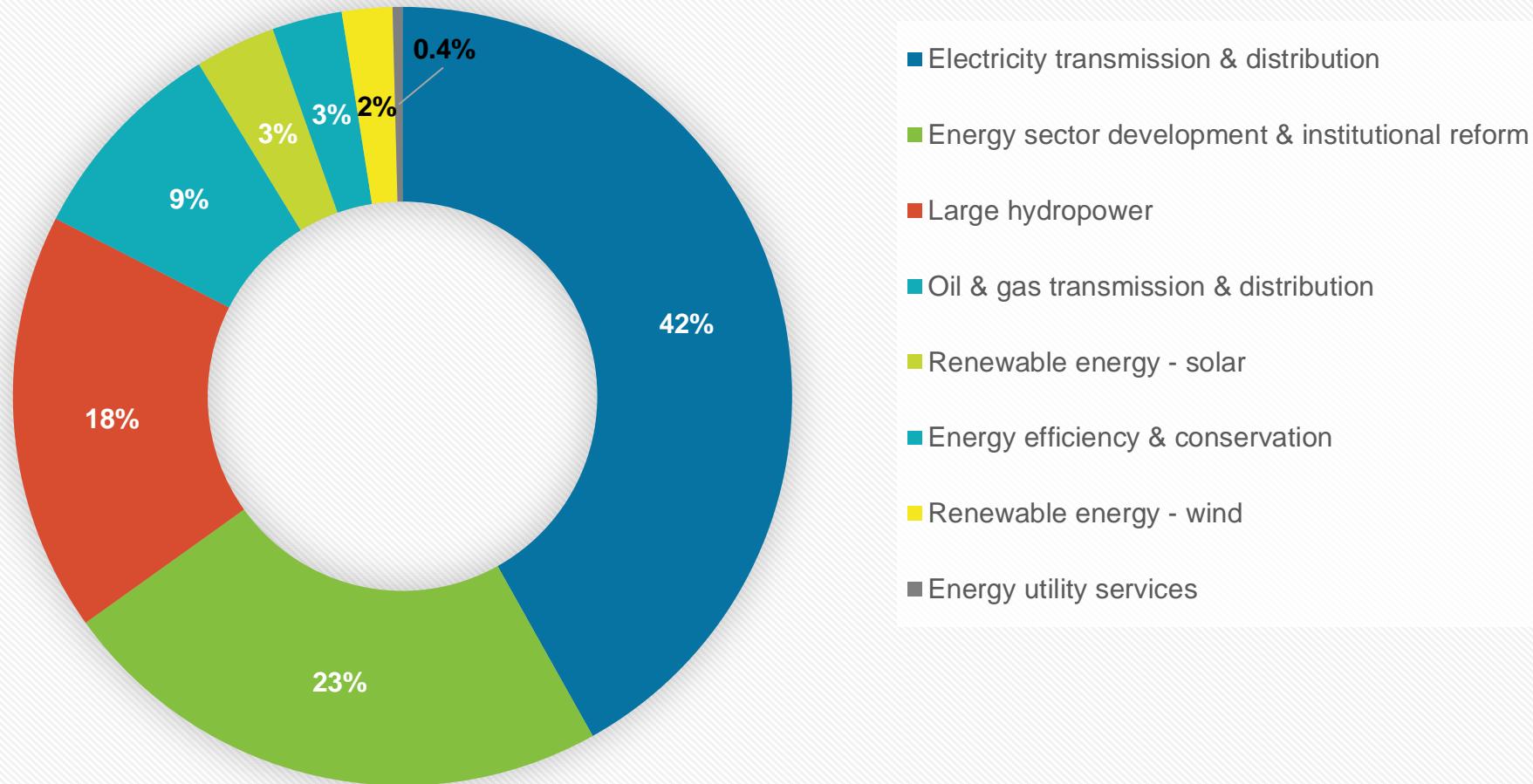
15 July 2022, Marina Bay Sands

ADB's Energy Portfolio (2021)

- About **\$1.7 billion** total energy sector lending approved across **19 energy projects**
- Approximately **\$693 million** in climate finance were approved in the energy sector
 - **\$659 million** climate mitigation (clean energy projects),
 - **\$34 million** climate adaptation
 - **\$317 million** in energy efficiency,
 - **\$376 million** in renewable energy
- **17 projects** addressed climate change and disaster resilience

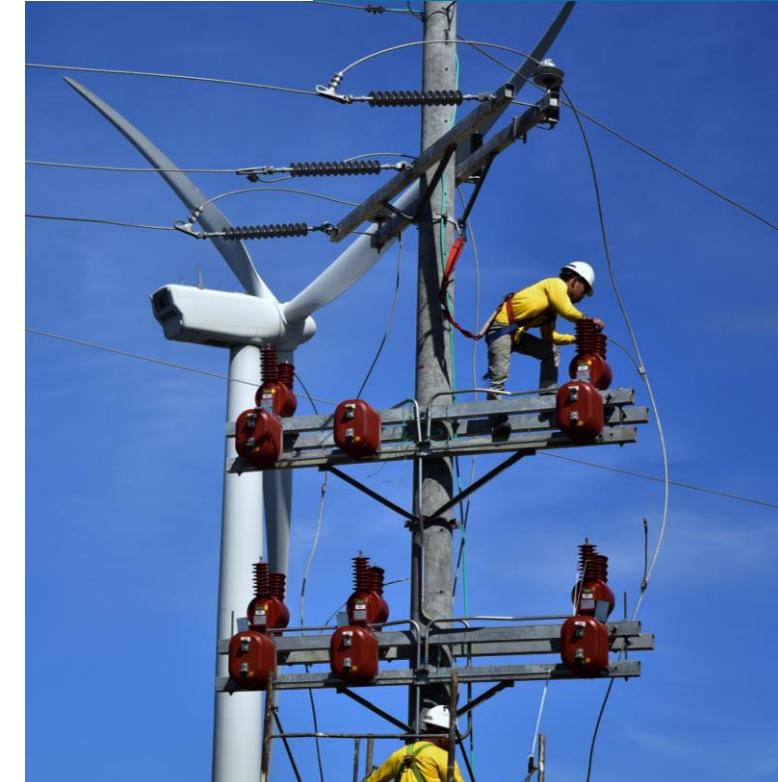


Energy Sector Approved Projects by Subsector (in \$ million), 2021

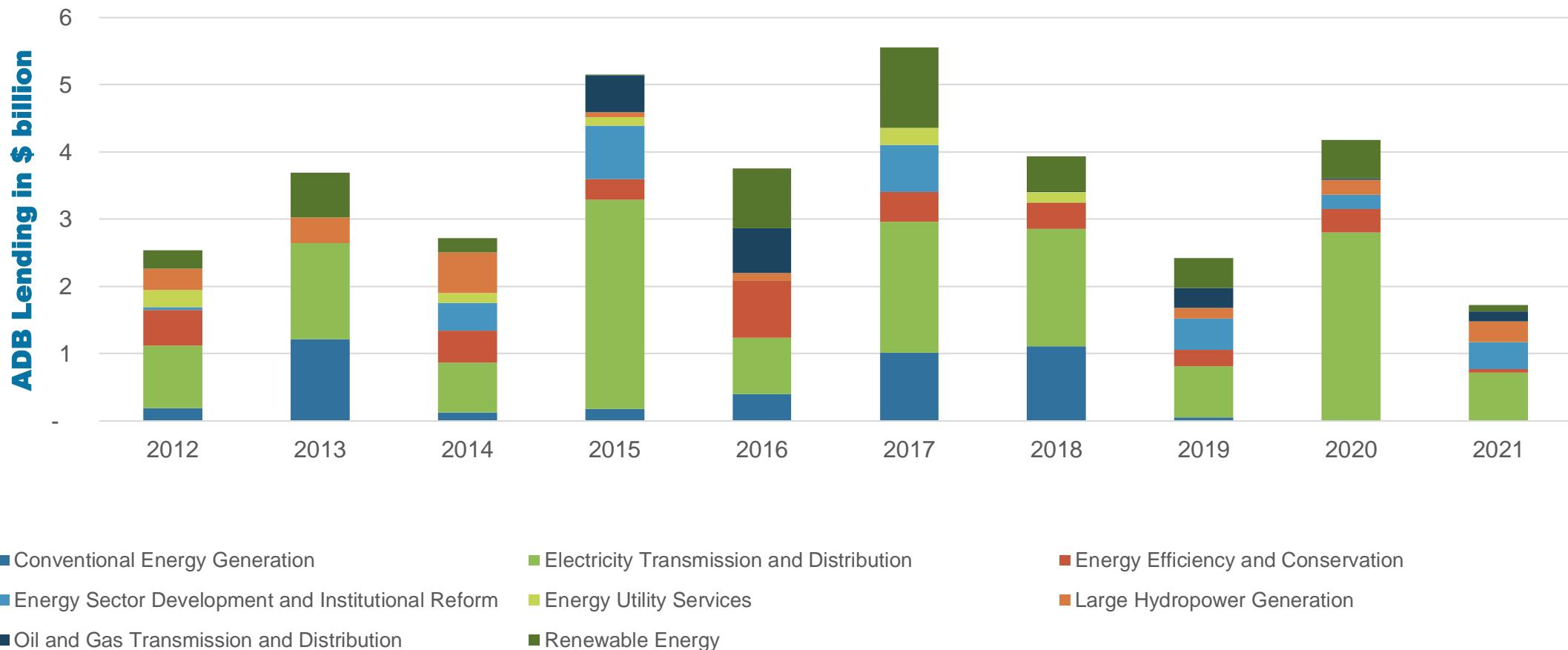


ADB's Energy Portfolio (2012-2021)

- About **\$35.6 billion** energy sector lending approved across 372 energy projects
- Approximately **\$18.8 billion** in clean energy projects
 - **\$18.8 billion** climate mitigation,
 - **\$380.1 million** climate adaptation
 - **\$7.4 billion** in energy efficiency,
 - **\$10.7 billion** in renewable energy
 - **\$11.6 billion** in T&D



Energy Sector Portfolio by Subsector (2012-2021)



- Conventional Energy Generation
- Energy Sector Development and Institutional Reform
- Oil and Gas Transmission and Distribution

- Electricity Transmission and Distribution
- Energy Utility Services
- Renewable Energy

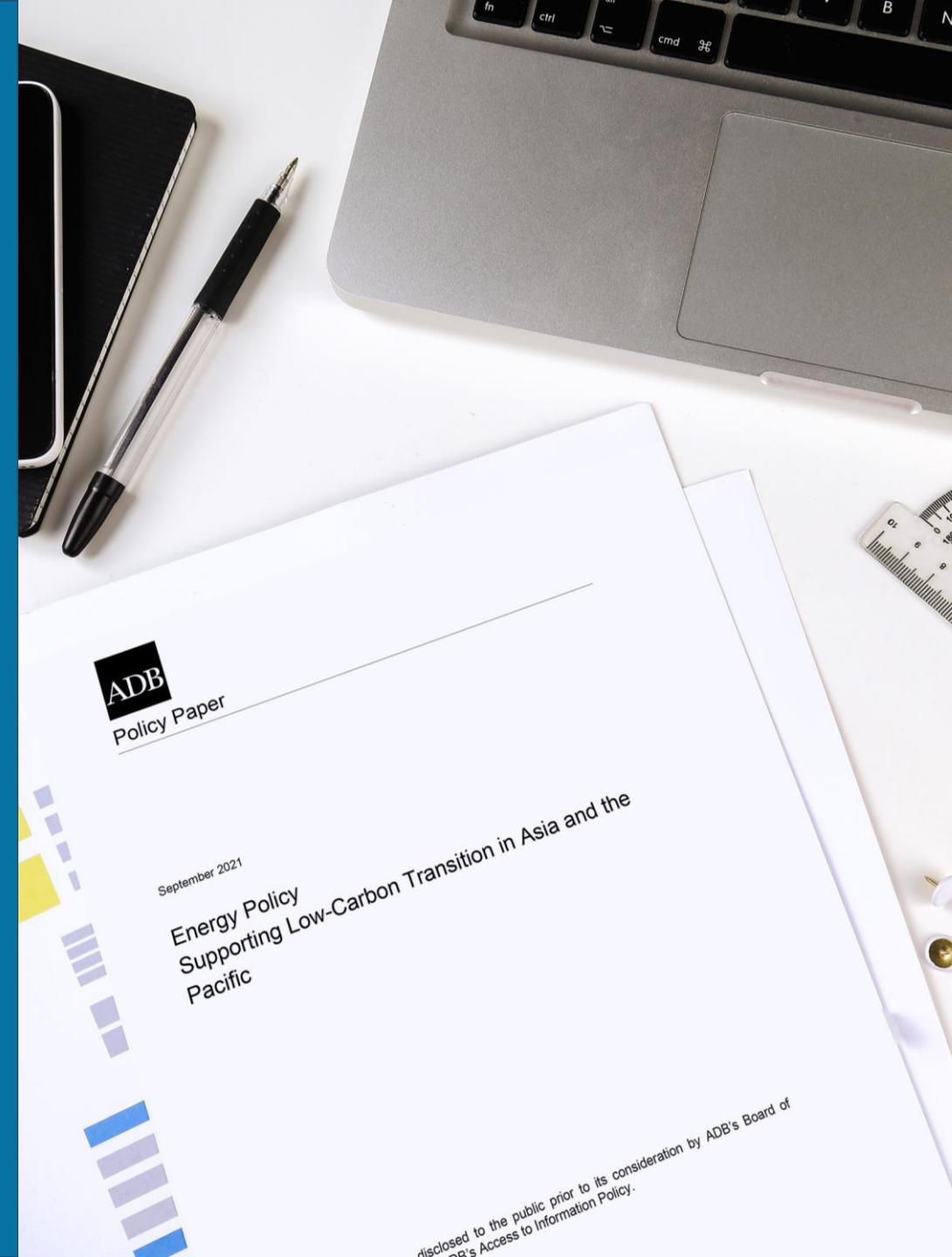
- Energy Efficiency and Conservation
- Large Hydropower Generation

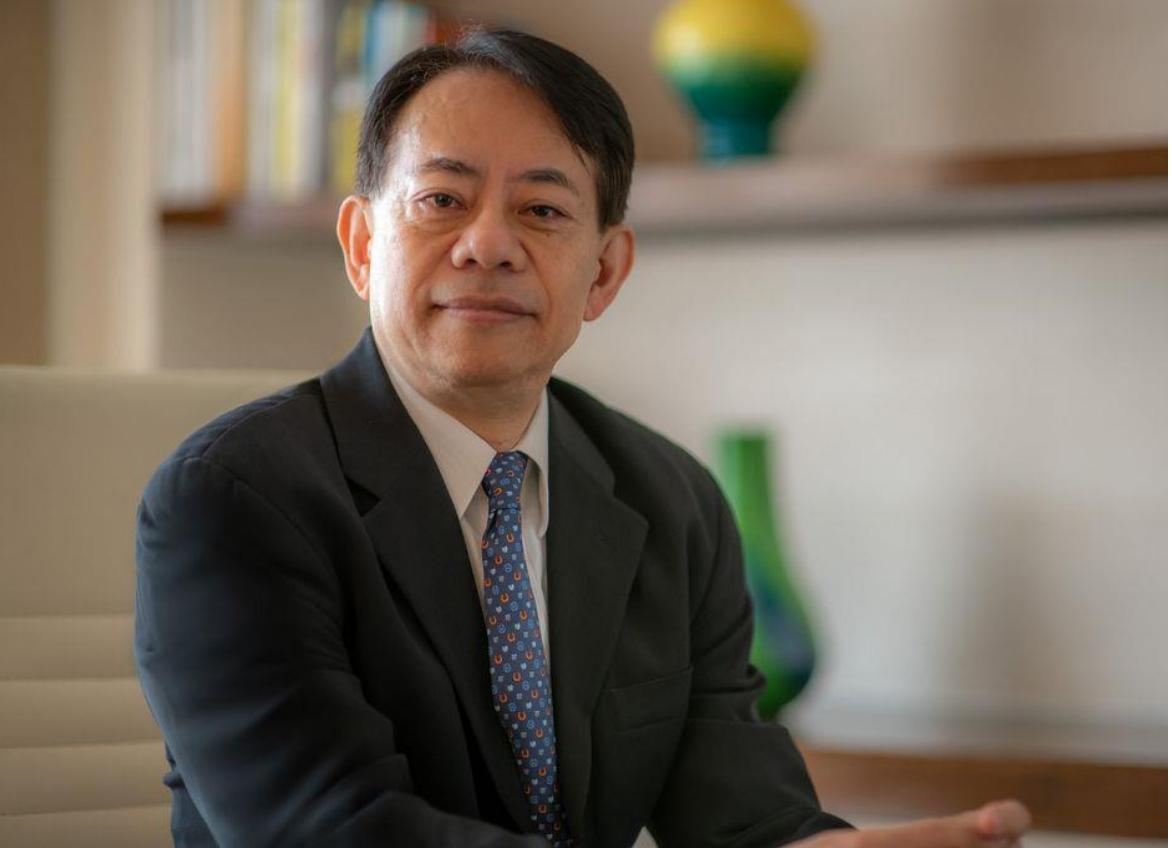


ADB's Energy Policy (2021)

Supporting Low-Carbon Transition in Asia and the Pacific

- Approved on 20 October 2021
- Formally closes the door for coal financing
- Leaves door open for natural gas subject to strict criteria
- Selective on financing storage hydropower plants
- Prioritizes energy efficiency, renewable energy, energy storage, decarbonization and electricity transmission and distribution expansion and upgrade
- Supports energy policy reforms, long-term planning, regional cooperation and greater private sector participation
- Promotes use of smart, digital, innovative and best available technologies
- Focuses on delivering an inclusive, resilient and just transition
- No financing of nuclear energy





ADB's new Energy Policy articulates this commitment [to a just energy transition]. It reflects our decision to withdraw from coal financing and to ensure access to affordable, sustainable, and modern energy for all.

President Masatsugu Asakawa
Asian Development Bank

with appropriate permission.
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ADB's Energy Policy - Principles



Principle 1	Principle 2	Principle 3	Principle 4	Principle 5
Securing Energy for a Prosperous and Inclusive Asia and the Pacific	Building a Sustainable and Resilient Energy Future	Supporting Institutions, Private Sector Participation, and Good Governance	Promoting Regional Cooperation and Integration	Integrated Cross- Sector Operations to Maximum Development Impact

Energy Transition Mechanism



Accelerate climate action

Countries participating in ETM will be able to reach more ambitious emissions targets than under their current commitments



Reduce energy costs

Speeding up the retirement of coal-fired electricity will increase the demand for clean energy by 2-3 times, lowering overall energy costs in the long run.



Drive investment

ETM will help unlock or “crowd in” investment in cost-effective renewable generation and support and enable clean technologies, such as smart grids, hydrogen, and electric vehicles.



Provide a scalable model

ETM has the potential to be scaled up to other parts of Asia and the Pacific, as well as Latin America and Africa, which could drive significant reductions in global emissions.



ADB Energy Trust Funds

Clean Energy Financing Partnership Facility

Asia Clean
Energy Fund

Clean Energy
Fund

Carbon Capture
and Storage
Fund

Canadian
Climate Fund
for the Private
Sector in Asia

Climate Change
Fund (Clean
Energy)

Artificial
Intelligence and
Digitalization
Innovation Fund



ADB Energy Events – Asia Clean Energy Forum

- Among the premier knowledge platforms on clean energy in Asia and the Pacific with over 3000 participants per year
- Since 2006, ACEF has been bringing together a diverse mix of stakeholders from project developers, financial institutions and investors, non-profits, entrepreneurs, government officials, donors and program managers, civil society, to academia:
 - to address the key clean energy challenges in the region; and,
 - effectively use knowledge to increase the scale and speed of clean energy deployment.
- ACEF has grown from only a handful of participants in 2006 to thousands today.



Operations Types



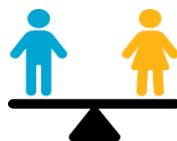
Sovereign Lending

70% of ADB lending to Developing Member Country (DMCs) Governments on programs which are publicly procured. 5-7 year development cycle.



Non-Sovereign Lending (Private Sector)

Lending to Private Sector in Developing Member Countries - Listed entities able to deliver transformative infrastructure, often supported with Trust Fund additionality.



Financial Intermediation

ADB provides support to financial institutions to on lend on programs to MSMEs. This modality is useful in supporting the development of financial institutions in our DMCs.



Venture Financing

Support for ventures through a dedicated team within Private Sector Team. Strong Startup focus seeking transformative business models.



Blended Finance

Facilities which can support a range of financing modalities including issuing bonds for a range of projects which have a specific theme or focus and/or blended provision of the above.



Crowding in the Private Sector

ADB seeks to support development by providing financial and knowledge resources.

Non Lending Engagement



Research www.adb.org

ADB is required to publicly disclose information. Research who is doing what projects in your domain area. Make enquiry on adb.org. *TIP: most project officers are on LinkedIn.com .*



Share Knowledge

Presenting technology at ADB events, sharing specific expertise through Brown Bag webinars when invited or simply attending ADB events to network. *TIP: Promote your domain expertise.*



Provide Consulting or Contracted Services

ADB maintains a public and transparent procurement process which can be access at adb.org and cms.adb.org. *TIP: Demonstrate Domain Expertise*



Team up and work with established companies

For larger packages of work, ADB will typically engage a well credentialed firm. *TIP: By teaming up with or subcontracting to these firms you can get experience and connections.*



Pilot your technology on ADB Projects (scalable business model)

ADB pilots technologies on sovereign and TA projects with support from trust funds to demonstrate and scale up impactful technology. *TIP: research on adb.org.*



Engaging Project Officers

Show the relevance of your expertise to the particular project or research focus. *TIP: Share a short power point (<15 slides) initially and send thank you note.*

An aerial photograph of a massive solar farm. The panels are arranged in long, parallel rows that curve slightly across the frame. The panels are dark blue or black, with white grid lines. They are set against a dark green field and a bright yellow sky, suggesting either sunrise or sunset. The perspective is from above, looking down the length of the panels.

Thank you!

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