



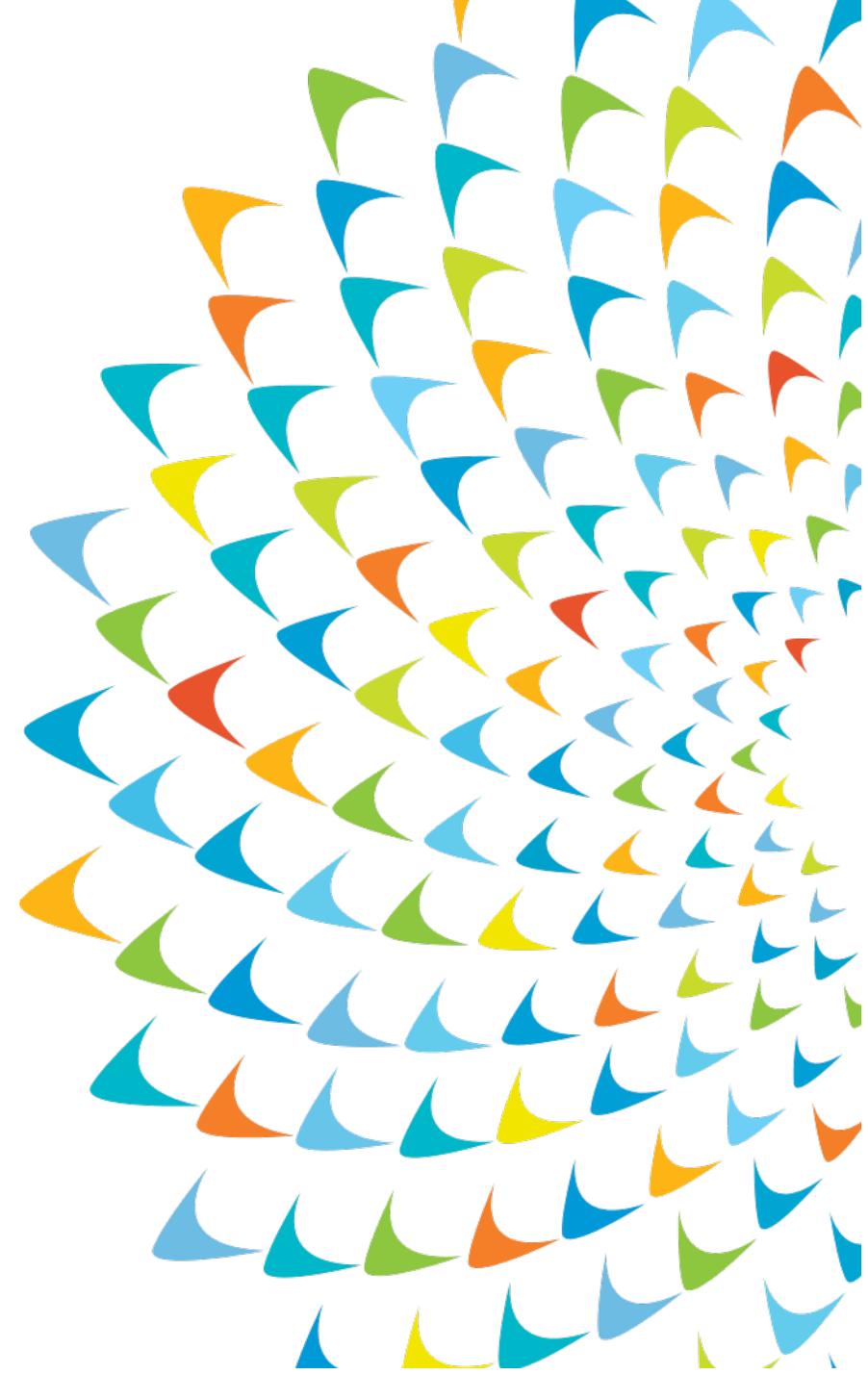
Asian Development Bank Innovations in Supporting Energy Transition

Prepared for:

EIA Clean Power Investment Workshop

Session 2: Investment perspectives, governmental
priorities and regional considerations

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Key Energy Challenges in Asia and the Pacific



Energy Access

- 350 million people remain without adequate supply
- 155 million still have no access to electricity
- 1.67 billion people without access to clean cooking



Energy Security

- Doubling of electricity demand by 2040 projected
- Renewable energy investments to reach \$1.3 trillion annually by 2030
- Current annual T&D investment \$1 trillion



Environmental Sustainability

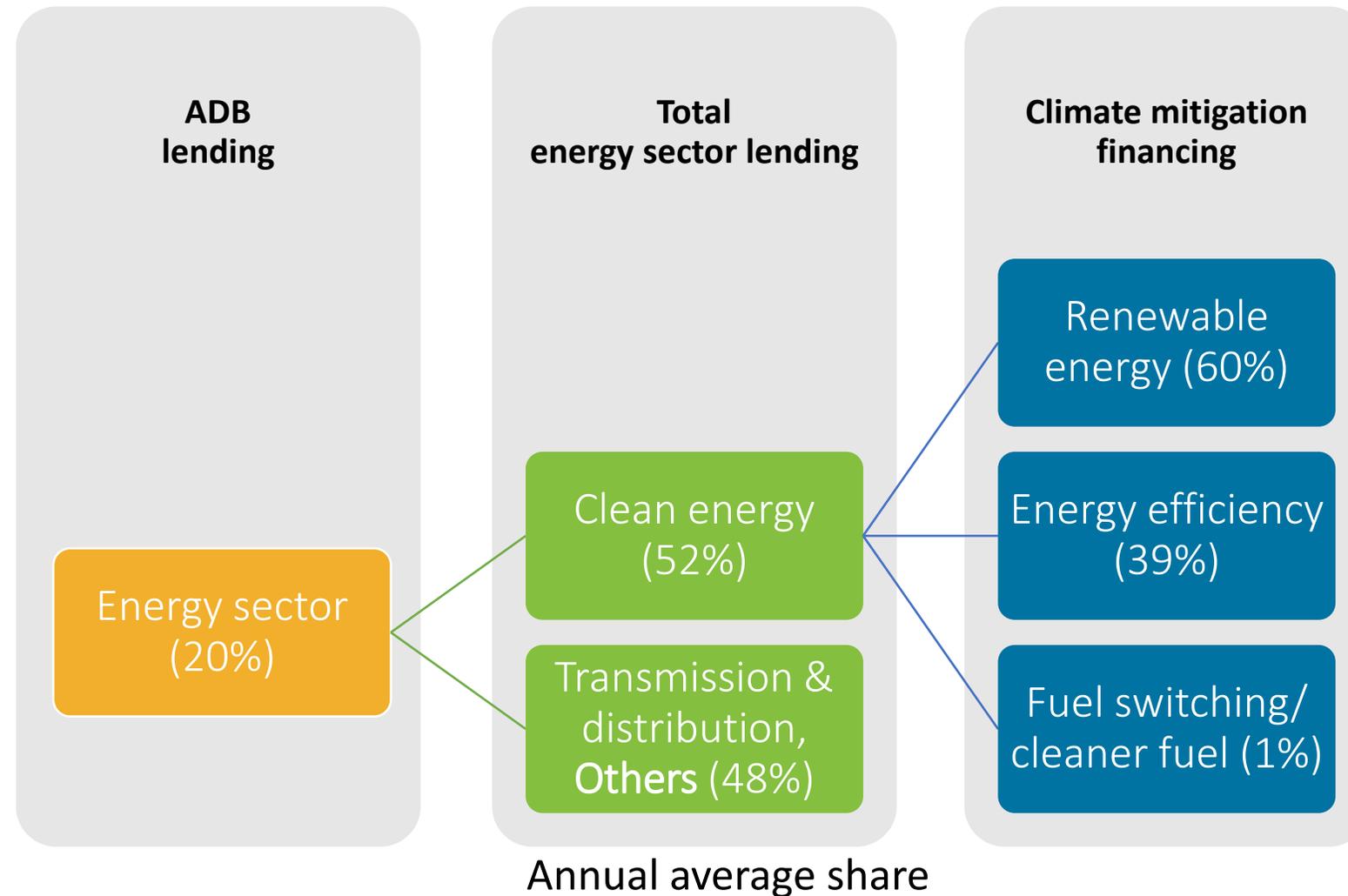
- Most vulnerable to climate change
- 50% of global GHG emissions from Asia-Pacific
- Fossil fuels dominant in the region (75% in 2019)
- 37% of the global CO₂ emissions from power industry
- 40% of CO₂ emissions from coal power generation



Sector Governance

- Regressive and outdated sector regulation and governance
- Subsidies and financial incentives to be re-considered
- Private sector participation needed to meet massive investment requirements

Energy Sector Portfolio, 2011–2021



ETM Southeast Asia Partnership Launch at COP26, Glasgow UK

- Joined by Indonesia and Philippines as key partners to launch the pilot study for ETM.
- \$25 million grant announcement by Japan's Ministry of Finance, the first seed financing for the mechanism.
- The partnership was endorsed by senior cabinet-level officials from Denmark, the United Kingdom, and the United States, as well as leading global financial institutions and philanthropies.
- MOU signed with Rockefeller Foundation, with a % of support towards the ETM



Philippine Finance Secretary Carlos G. Dominguez, Indonesian Finance Minister Sri Mulyani Indrawati and ADB President Masatsugu Asakawa during the ETM Launch at COP26, Glasgow on 3rd Nov, 2021



"I am pleased by the Asian Development Bank's work to accelerate the decommissioning of coal facilities. The world needs forward-thinking creative approaches to financing, especially from the multilateral development banks. And we need to find creative solutions so that our public funds crowd in additional private investment, as the bank is aiming to do here."

- Janet Yellen, Secretary, US Department of the Treasury

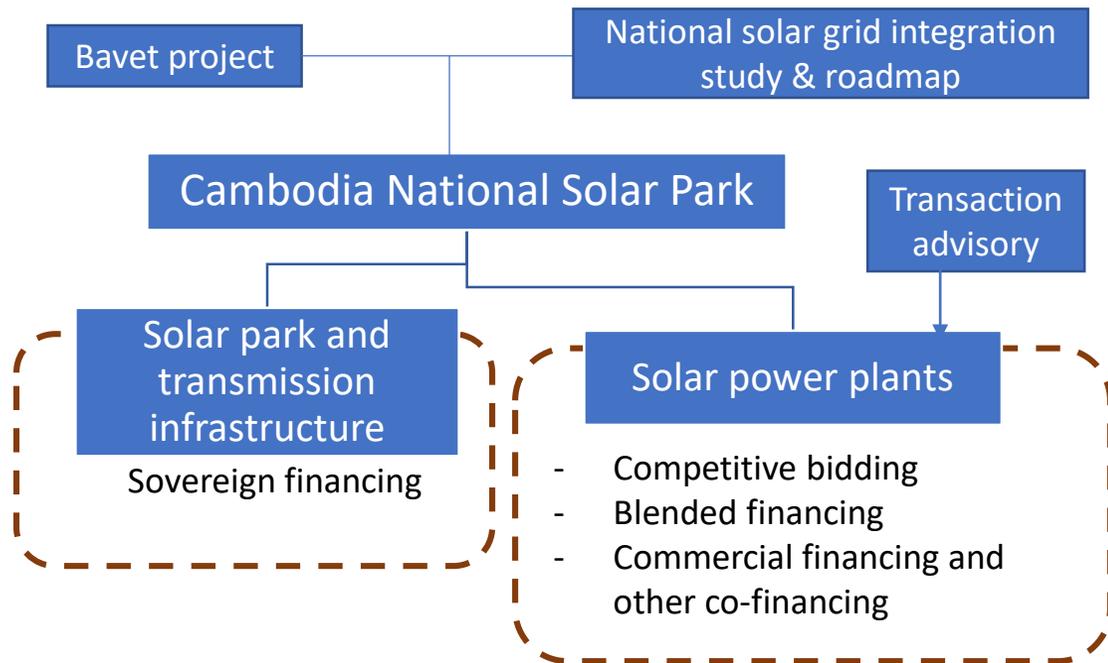
"I want to thank the Asian Development Bank for its work, which will help bring many benefits. Cutting coal use doesn't just reduce the risks we face from climate change, it also reduces air pollution that kills so many people, including in Asia. Today's announcement will help to jumpstart more climate finance that helps to retire coal plants faster and improve many lives."

- Michael Bloomberg, UN Secretary General's Special Envoy on Climate Ambitions and Solutions



Cambodia National Solar Park Project

ADB provided blended finance for pilot, PPP, debt financing, and transaction advisory support.



ADB Southeast Asia Innovation Hub

KEY ACTIVITY PILLARS

