

Private Sector Infrastructure Finance Division 2 East Asia, Southeast Asia, and the Pacific (PSIF2) 7 October 2020

Presented by Jackie B. Surtani, Director, PSOD/PSIF2



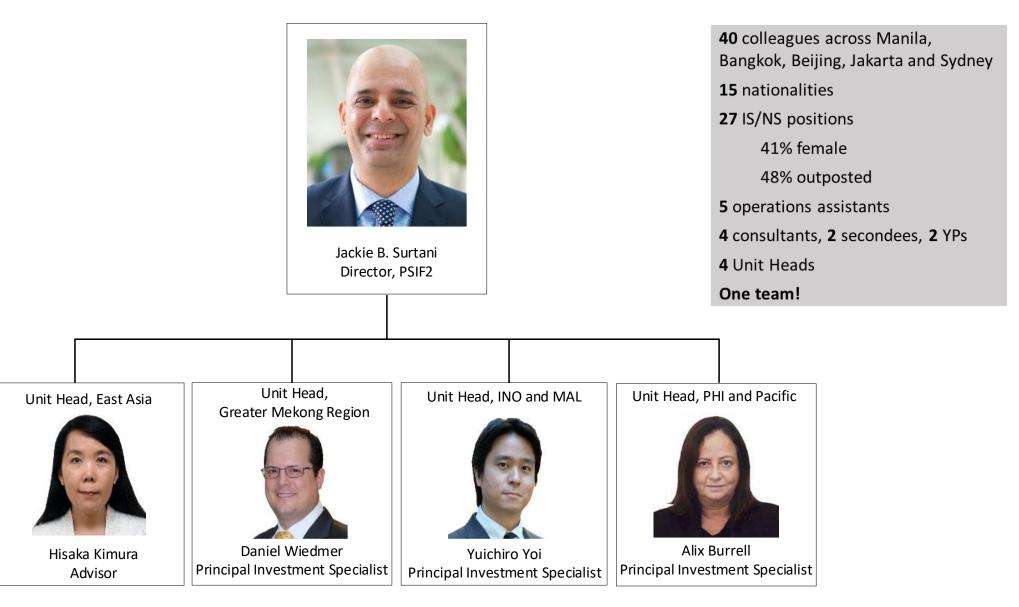


BUSINESS

OPPORTUNITIES

Infrastructure Finance Division 2

Team and Unit Heads



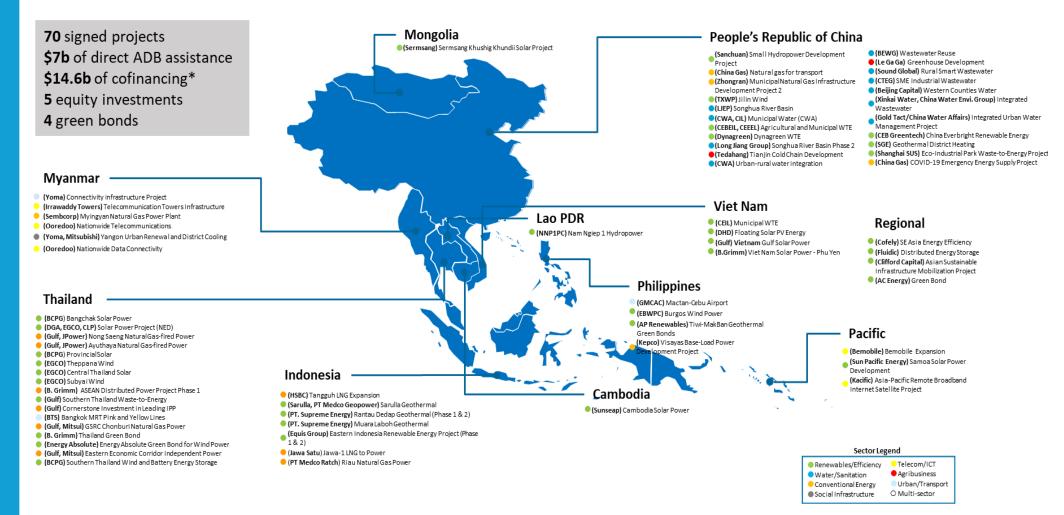
ADB

BUSINESS

<u>OPPORTUNITIES</u>

PSIF2 Operations

Deals signed in East Asia, Southeast Asia, and the Pacific between 2010-2020



* Includes B loans, guarantees, parallel loans or equity, and risk transfers

PRC: COVID-19 Emergency Energy Supply Project Case Study 1

Key Features

- The proceeds of this loan will be used to help ensure natural gas and liquefied petroleum gas supplies to households, hospitals, industry and other key services to support business continuity in Wuhan City and Hubei Province amidst the coronavirus disease 2019 (COVID-19) epidemic, and post-epidemic recovery. The loan will enhance the resilience of cities through the sustenance of uninterrupted energy supplies to meet basic human needs and support economic activity in these affected areas.
- CGCM, incorporated in the British Virgin Islands, is a wholly owned financing platform of China Gas Holdings (CGH), the sponsor and guarantor. CGH is the largest integrated gas distribution company in the PRC. Additional business lines include gas terminals, transmission lines, vehicular compressed natural gas and LNG, and gas logistics systems.

ADB's Value Addition

- Catalytic in mobilizing further commercial bank loans.
- Increase the gender responsiveness of CGH's community activities in Hubei Province and extract lessons from the epidemic response.
- Contributes to the global response to maintain basic services while containing a growing global health emergency that has affected ADB's DMCs in Asia and the Pacific.

Client	China Gas Holdings
Signing Date	31 March 2020
Sector	Energy
Financing Modality	Direct loan
Amount	\$20m





MON: Sermsang Khushig Khundii Solar Project Case Study 2

Transaction Highlights

• ADB provided a 10-year loan to an international consortium to support a landmark 15MW utility-scale solar power project in Mongolia.

- The project will generate clean electricity totaling 22.3 gigawatt-hours annually and reduce carbon dioxide emissions by 26,400 tons per year.
- The project will provide affordable, sustainable power to Ulaanbaatar and the International Airport of Ulaanbaatar.

Client	Sermsang, Sharp, and Tenuun Gerel
Signing	March 2019
Sector	Clean Energy (Solar)
Modality	A+B loan, Technical Assistance
ADB	\$9.6 million
B loan	\$9.1 million







THA: Bangkok Mass Rapid Transit Project Case Study 3

Transaction Highlights

- The project will construct and operate two mass rapid transit monorail lines, the Pink Line and Yellow Line.
- Funded through a PPP scheme with ridership risk following a 10-year government subsidy.
- ADB will provide a loan with longer tenor ("ridership ramp-up tranche") to mitigate the ridership risk following the expiry of a government subsidy.

- Supports low-carbon mass rapid public transport in one of Southeast Asia's largest cities.
- Demonstration effect for development of private sector mass rapid transport projects under new PPP structures.

Client	BTS
Signing	June 2018
Sector	Transportation
Modality	A loan
ADB	\$310 million in baht equivalent







THA: Southern Thailand Wind Power and Battery Energy Storage Project Case Study 4

Transaction Highlights

- The first wind farm with battery energy storage in Thailand.
- 10 MW of wind power capacity with an integrated 1.88 MWh pilot battery energy storage system (BESS).

- Mobilize financing package, including concessional finance from the clean technology fund (CTF), that makes the project bankable on a nonrecourse basis.
- Provided longer tenor than the participating commercial bank to help improve debt service coverage ratios and improve the project's financial viability.
- Set a precedent in Thailand for financing wind power projects with an integrated BESS.

Client	BCPG
Signing	May 2020
Sector	Clean energy (wind with BESS)
Modality	A loan; CTF
ADB	B235.55 million (about \$7.7m); \$4.75m





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OPPORTUNITIES

INO: Geothermal Projects in Indonesia

Case Study 5

Project Highlights

- Support for three landmark private sector geothermal projects in Sumatra, Indonesia over several years:
 - 330 MW Sarulla
 - 80 MW Muarah Laboh
 - 92 MW Rantau Dedap
- Nearly \$500 million of ADB OCR assistance.
- Mobilised \$170 million of concessional donor funds and \$20 million from LEAP parallel, and \$1.5 billion of commercial cofinancing.

- Large scale, base load renewable energy source to support Indonesia's economic growth.
- Demonstration effect for development of private sector geothermal projects under new PPP/PPA structures.

Client	Various
Signing	2014,2017,2018
Sector	Clean Energy (Geothermal)
Modality	A loan; CTF; CFPS; LEAP
ADB	Nearly \$500 million
CTF, CFPS, LEAP	CTF: \$150m; CFPS: \$20m; LEAP: \$20m;



REG: Asia-Pacific Remote Broadband Internet Satellite Project Case Study 6

Transaction Highlights

- Project finance (non-recourse) loans for the construction and operation of a shared geostationary, high-throughput satellite.
- Connectivity for remote areas of Asia and the Pacific that are hard to reach otherwise.
- Kacific aims to provide low-cost, high-speed, and easily accessible broadband internet.

- Greatly enhances regional telecommunications infrastructure.
- Will help increase access to education and medical care.

Client	Kacific Broadband Satellites Pte. Ltd.			
Signing	November 2019			
Countries	Indonesia, Pacific	Philippines,	and	the
Sector	Telecommur	nications and I	Т	
Modality	A loan; LEAP			
ADB	\$25 million;	\$25 million		







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REG: AC Energy Green Bond Project

Case Study 7

Transaction Highlights

- ADB acted as an anchor investor in AC Energy's maiden green bond issuance.
- Unlocking over 2GW of solar and wind.
- First listed certified climate bond in Southeast Asia.
- Successful follow-on perpetual offering.

- Ensure that bonds will comply with the Green Bond Principles and the Climate Bonds Standard.
- Helped to make green bonds and climate bonds better known in the region.
- Helps demonstrate support for alternatives to project loan markets for financing clean energy projects.

Client	AC Energy
Countries	Philippines, Indonesia, Viet Nam
Signing	January 2019
Sector	Clean Energy (solar and wind)
Modality	A loan
ADB	\$20 million





DPPORTUNITIES

REG: Pacific Renewable Energy Program

Case Study 8

Program Highlights

- Focused on long-standing barriers to private sector investment into energy projects in the Pacific.
- Flexibility to draw on a variety of assistance:
 - Direct loans;
 - Partial credit guarantees for payment risk;
 - Political risk guarantees for contract risk;
 - Technical assistance for project preparation.

- Helps to create an enabling environment and address key investment risks to promote private sector investment.
- Encourages greater transparency and governance through technical assistance.

Client(s)	Various
Countries	Fiji, Palau, Samoa, Tonga
Signing	2021 onwards (first IC approval in Sept
	2020)
Sector	Clean Energy (solar, energy storage,
	wind)
Modality	A loan; PRG; PCG
ADB	\$100 million





VIE: Floating Solar Energy Project (DHD) Case Study 9

Transaction Highlights

- 47.5 MW of floating solar photovoltaic power generation panels on the reservoir of DHD's existing 175 MW Da Mi hydropower plant.
- One of the first utility-scale, solar projects in Viet Nam and one of the largest floating solar projects outside the PRC.
- Provides long term dollar financing not readily available in Viet Nam.

- Will demonstrate viability of floating solar power projects in Viet Nam and the region.
- Ensure DHD's compliance with environmental and social safeguard standards.

Client(s)	DHD (EVN genco subsidiary)
Signing	Sept 2019
Sector	Clean Energy (floating solar)
Modality	A loan; CFPSII; CFPSI; LEAP
ADB	\$17.6 million
CFPSII; CFPSI;	\$4 million; \$11 million; \$4.4 million
LEAP	





REG: Asian Sustainable Infrastructure Mobilization Project Case Study 10

Transaction Highlights

- \$95 million equity investment to support Clifford Capital Holdings' expansion of sustainable infrastructure across developing Asia.
- ADB's first investment in a Singapore entity since the opening of ADB's Singapore office in March 2020.
- ADB will be Clifford Capital's first multilateral investor.

- Support sustainable and inclusive growth as a strategic shareholder.
- Boost mobilization of private sector capital.
- Strengthen environmental and social safeguards and capacity building.
- Improve gender inclusivity at Clifford Capital.

Client	Clifford Capital Holdings
Signing	September 2020
Countries	Regional
Sector	Infrastructure
Modality	OCR Equity; LEAP parallel
	equity
ADB / LEAP	\$50 million; \$45 million



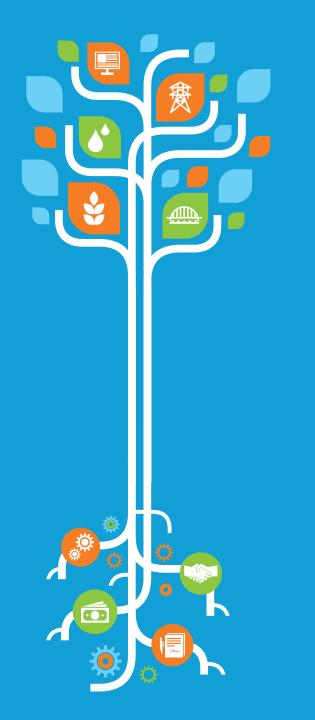




BUSINESS

2019 Awards for PSIF2 transactions







THANK YOU!

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