ADB Private Sector Operations

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Asian Development Bank

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- Opportunities to Partner
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PSOD's Value Addition

- **Deep regional experience in Emerging Asia**
  ADB has successfully operated and invested in Asia's emerging markets since 1966

- **Unparalleled network on the ground in Asia**
  ADB has over 3,000 employees in 30 offices throughout the region

- **"One-stop shop"**
  PSOD provides comprehensive financial solutions to its clients, including loans, equity, and guarantees

- **Cofinancing capital**
  Mobilizing significant cofinancing capital: from equity co-investors and commercial co-lenders to sector-specific concessional funds and ADB-administered trust funds

- **A broadly recognized standard of excellence**
  ADB's 'AAA' rating, reputation for prudent transaction underwriting, and our sophisticated environmental and social safeguard policies are highly recognized and respected throughout Asia and enhance the credibility and market receptivity of our clients

PSOD's Products and Services

Instrument	Typical Size	Typical terms	When is it relevant?
Debt	$20M--$250M	• 7 years (corporate) to 15+ years (project) • LIBOR / ADB cost of fund in local currency + credit spread • Security on capex financed	• Established company with large balance sheet, strong cash flow • Possibility to mobilize cofinancing under B-loan or risk participation
Equity	$2M--$75M	• 25% ownership maximum • Board seat • Minority protection rights • Put on the parent company	• Growing company in a pre-IPO or pre-trade sale situation
Guarantees	$20M--$250M (PCG) $400M (PRG)	• Credit guarantees: market based, fees based off lenders' margin • Political risk; market based, fees based off reinsurance market	• In frontier markets (political risk) • Where other lenders are more efficient than ADB in (i) mobilizing local currency, or (ii) reaching target customers (credit guarantees)
Donor Funding	$5M – $10M	• Long term loan at concessional interest rate to be "blended" with ADB financing • First loss cover	• Whenever donor funds managed by ADB are available • Applicable for climate adaptation projects or low-income countries
Technical Assistance	$0.5M – $1M	• For project preparation TA, reimbursable at closing • For capacity development TA, non-reimbursable grant	• For projects in need of additional, concessional financial assistance (for example, technical assistance to contract farmers)

50 YEARS ADB

Asset Management: Leading Asia's Private Sector Infrastructure (LEAP) Fund

Overview

- Dedicated cofinancing vehicle for private sector infrastructure in Asia and the Pacific
- Capitalized with a **$1.5 billion** commitment from **Japan International Cooperation Agency (JICA)** and managed by ADB PSOD
- Aims to boost financing for quality, sustainable private infrastructure transactions in the region
- Private sector loans and equity investments will be pursued over a 5-year investment period
- "**Parallel Program**" for co-financing larger transactions requiring significant capital
- Smaller "**Non-Parallel Program**" for transactions needing innovative, concessional financing
- ADB is the lender or investor of record for the LEAP Fund's loans and investments

Priority Sectors

- Energy
- Transportation
- Water and other urban infrastructure and services
- Information, communication and technology
- Health

Product Offerings

- Senior debt financing
  - Project finance (non recourse, limited recourse)
  - Corporate borrowings
- Mezzanine financing (e.g., subordinated debt)
- Equity investments

PSOD's Transaction Approvals Cycle

PSOD employs a four-stage process for nonsovereign deals, and a 3-stage process for 'FAST' nonsovereign deals

Standard Deals

1 Concept Review

- Review of business plan & financials
- Initial risk rating
- Internal peer review
- Concept Review Committee's review

2 Due Diligence

- Technical, legal commercial, & safeguards due diligence
- Finalize term sheet
- Formal risk rating

3 Final Review

- Disclose safeguards documents
- Internal peer review
- Investment Committee review
- President's review

4 Board Approval

- 21-day circulation to the Board for review
- Board's **approval**

FAST Deals*

1 Early Review

- Review of business plan & financials
- Initial risk rating
- FAST Committee review

2 Due Diligence

- Technical, legal commercial, & safeguards due diligence
- Finalize term sheet
- Formal risk rating

3 Final Review

- Disclose safeguards documents
- Internal peer review
- Investment Committee review
- President's **approval**

Notes:

(*) Any nonsovereign financing ≤$20 million for debt and ≤$10 million for equity. Other requirements apply (e.g. Safeguards categorization).

50 YEARS ADB

PSOD's Key Sectors of Focus

Infrastructure
Catalyzing economic growth and social equity via conventional energy, waste, water, transport, and telecommunications facilities

Renewable Energy
Developing sources of renewable energy and encouraging energy efficiency

Finance & capital markets
Providing better access to higher-quality financial services across Asia's developing markets

Sustainable agribusiness
Promoting environmentally friendly food production, processing, and distribution

Education
Building human capital through the expansion of basic and higher education services

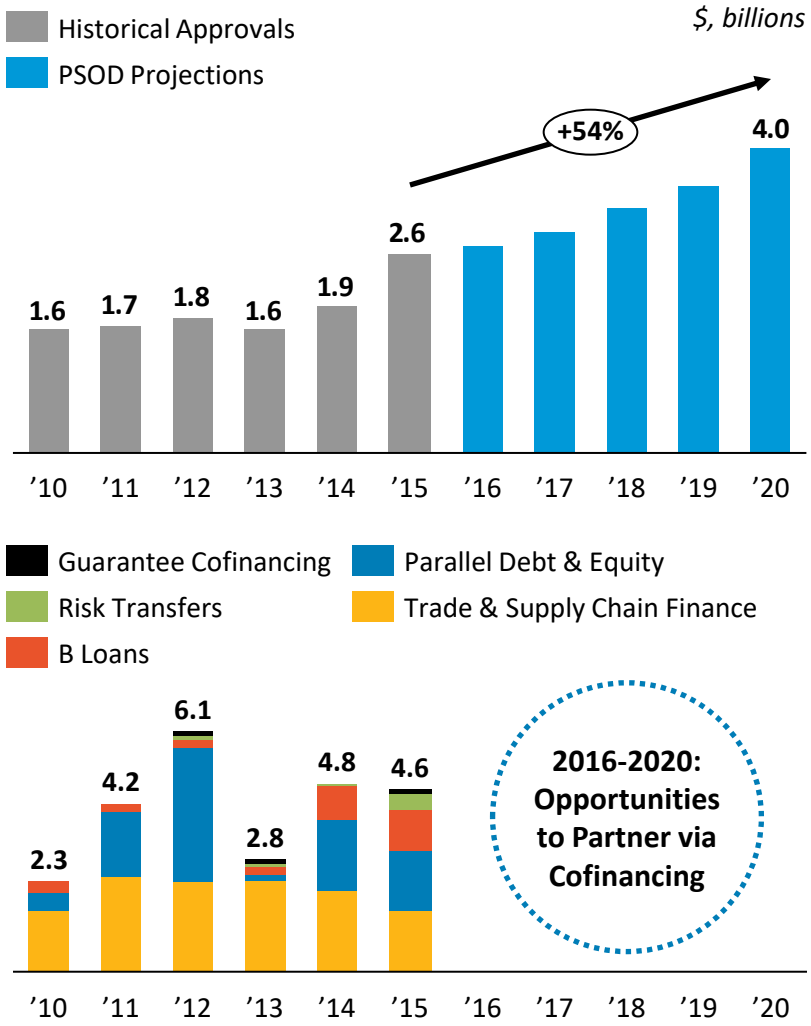
Health
Supporting private providers of high-quality and affordable health care

PSOD’s Activities and Impacts

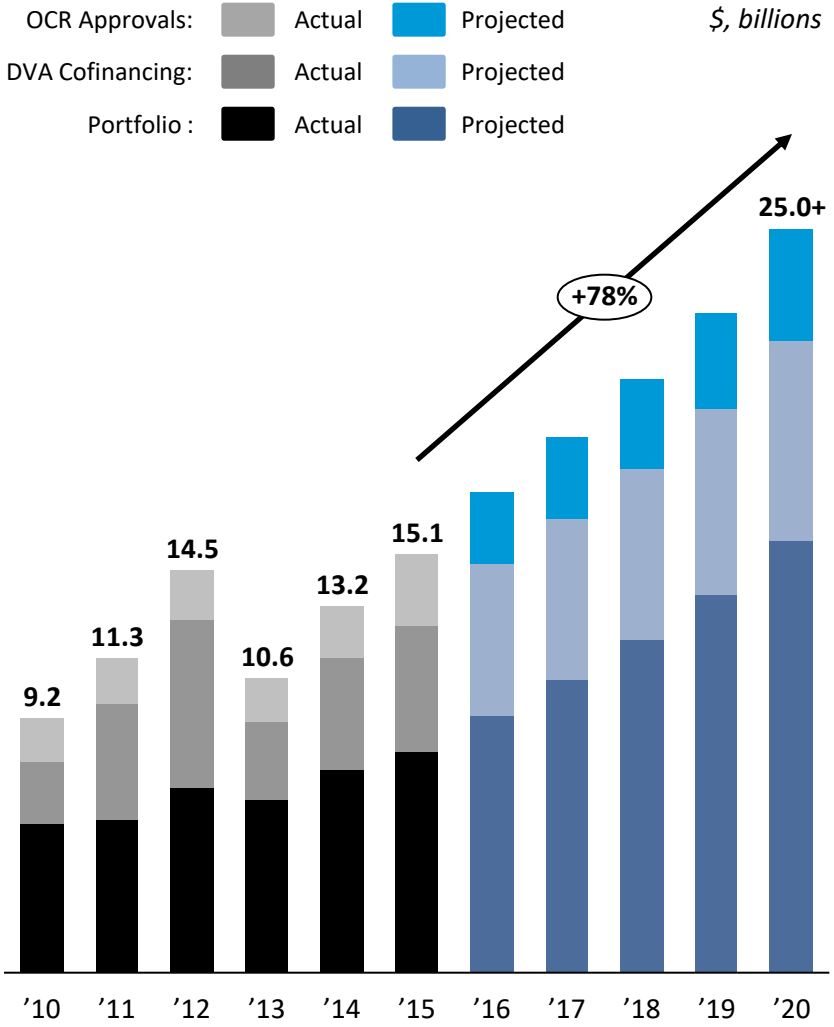
ADB

A Decade of Growth: PSOD's Operations from 2010 and Onwards to 2020

PSOD Approvals and Cofinancing since 2010

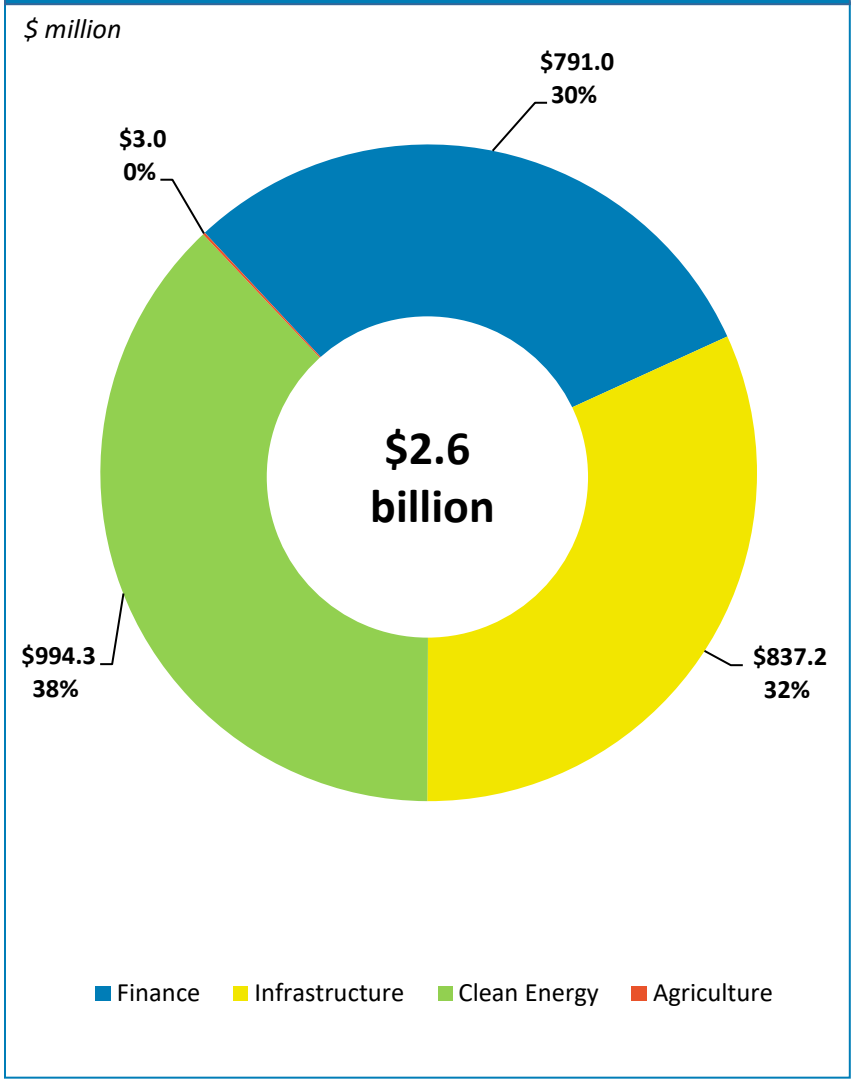


Aggregate PSOD Operations since

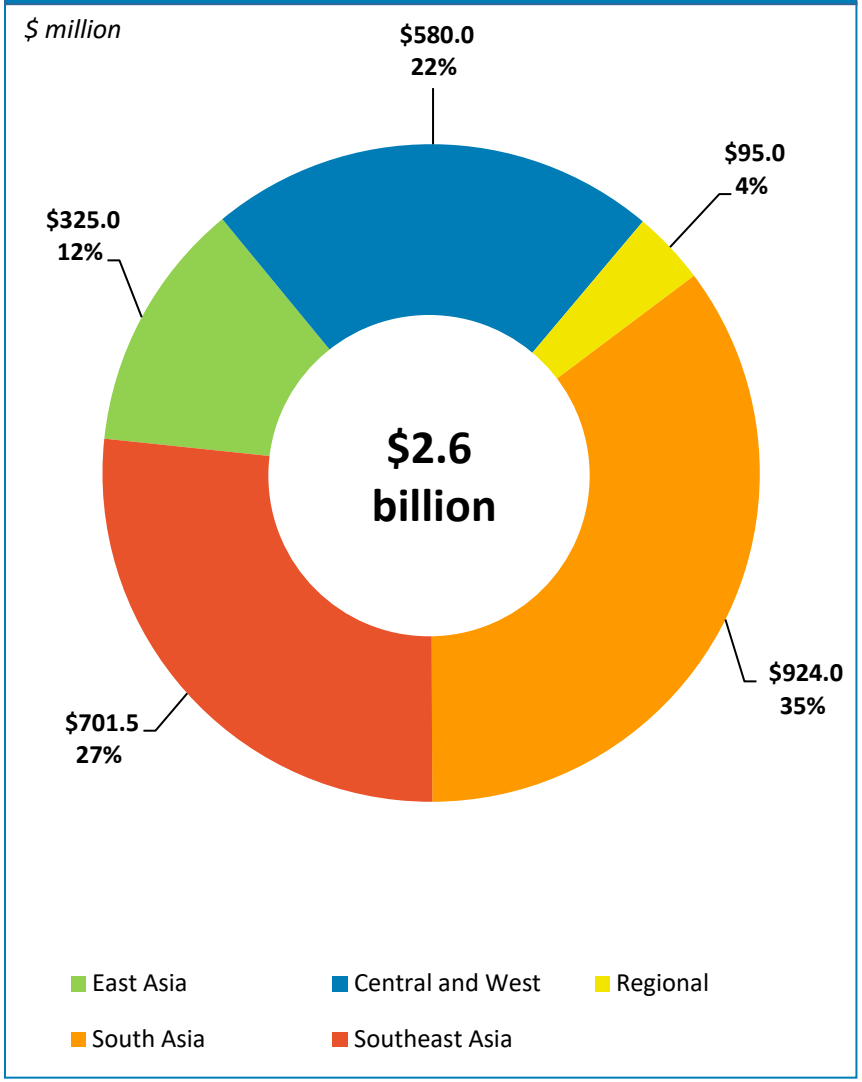


PSOD's Operations in 2015, At-a-Glance

PSOD's 2015 Approvals, by Industry Sector[1]

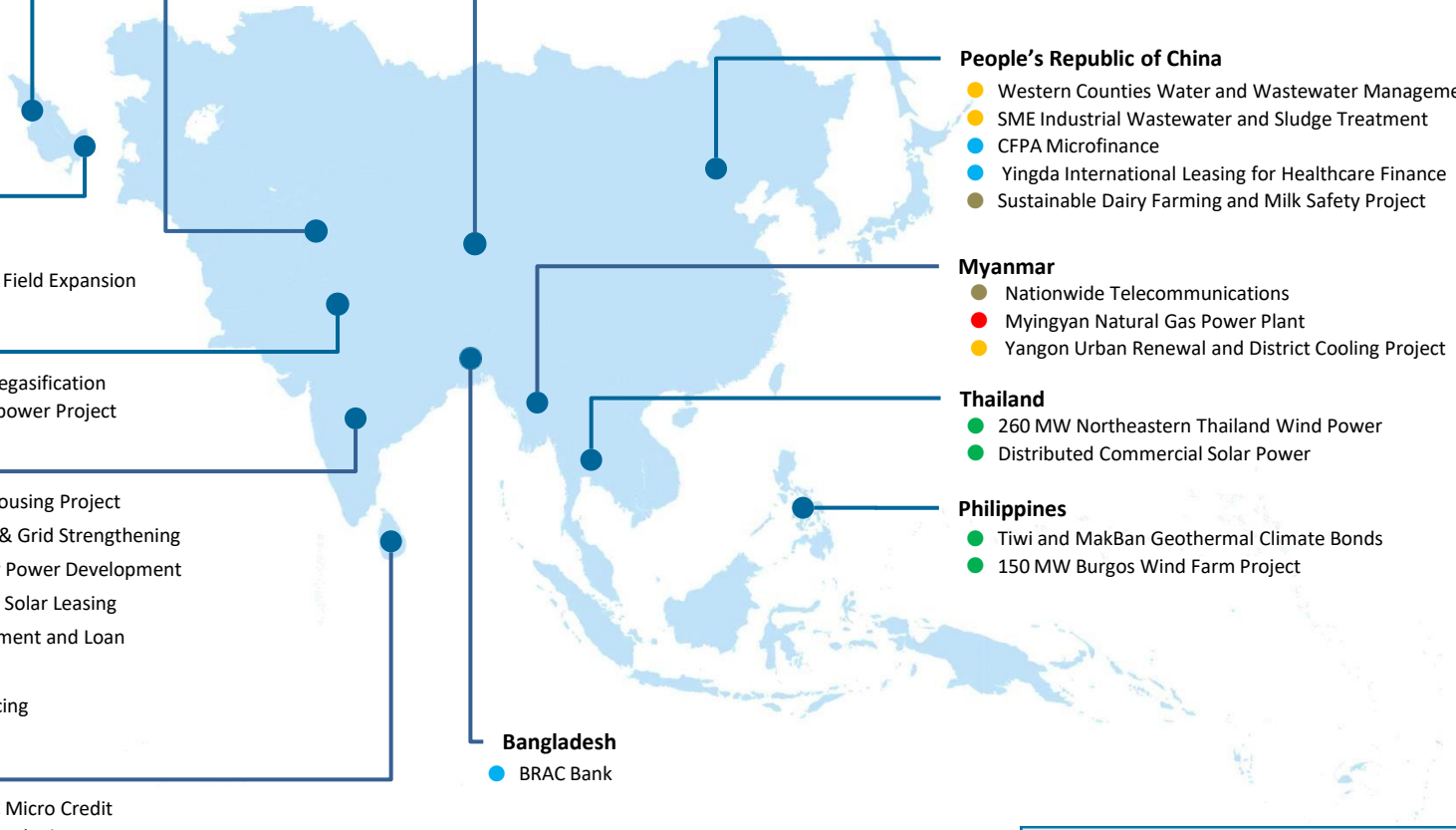


PSOD's 2015 Approvals, by Geography[1]



Note:
(1) Percentage is by number of approved projects (27 transactions)

PSOD's 2015 and 2016 Transactions



Georgia
- TBC Bank Georgia
- Credo Bank
- FINCA Bank

Kyrgyz Republic
- Bai Tushum Bank

Bhutan
- Hazelnut Value Chain Development

People's Republic of China
- Western Counties Water and Wastewater Management
- SME Industrial Wastewater and Sludge Treatment
- CFPA Microfinance
- Yingda International Leasing for Healthcare Finance
- Sustainable Dairy Farming and Milk Safety Project

Azerbaijan
- AccessBank Azerbaijan
- Finca Azerbaijan
- Shah Deniz Stage II Gas Field Expansion

Myanmar
- Nationwide Telecommunications
- Myingyan Natural Gas Power Plant
- Yangon Urban Renewal and District Cooling Project

Pakistan
- Engro Fast Track LNG Regasification
- 102 MW Gulpur Hydropower Project

Thailand
- 260 MW Northeastern Thailand Wind Power
- Distributed Commercial Solar Power

India
- Shapoorji Affordable Housing Project
- Green Energy Corridor & Grid Strengthening
- Mytrah Wind and Solar Power Development
- Simpa Off-Grid Prepaid Solar Leasing
- RBL Bank Equity Investment and Loan
- PNB Housing Finance
- JFS Limited Debt Financing

Philippines
- Tiwi and MakBan Geothermal Climate Bonds
- 150 MW Burgos Wind Farm Project

Bangladesh
- BRAC Bank

Sri Lanka
- LOLC Finance and LOLC Micro Credit
- Hatton National Bank Equity Investment

Regional
- Microfinance Risk Participation & Guarantee
- Micro Credit Ratings International Equity Investment
- Creador Fund III

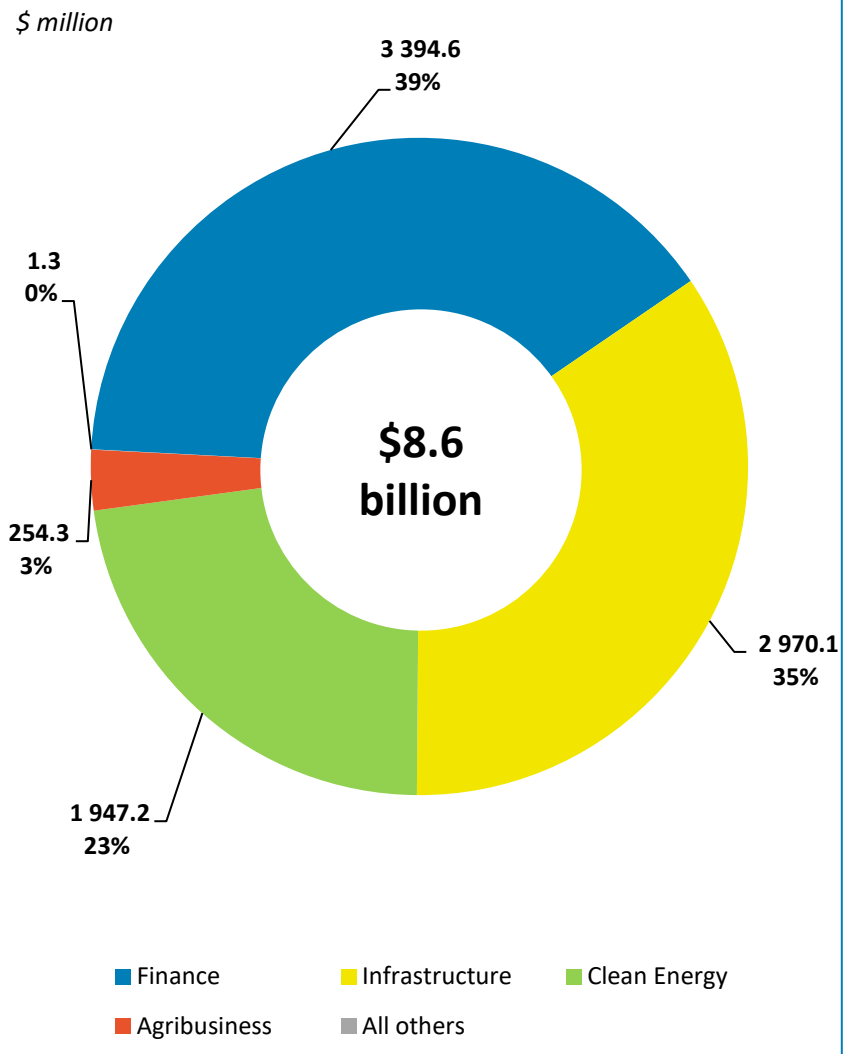
Financial Markets
- Banking
- Private Equity

Infrastructure
- Renewables/Efficiency
- Other Energy
- Transport/Water
- Other Sectors

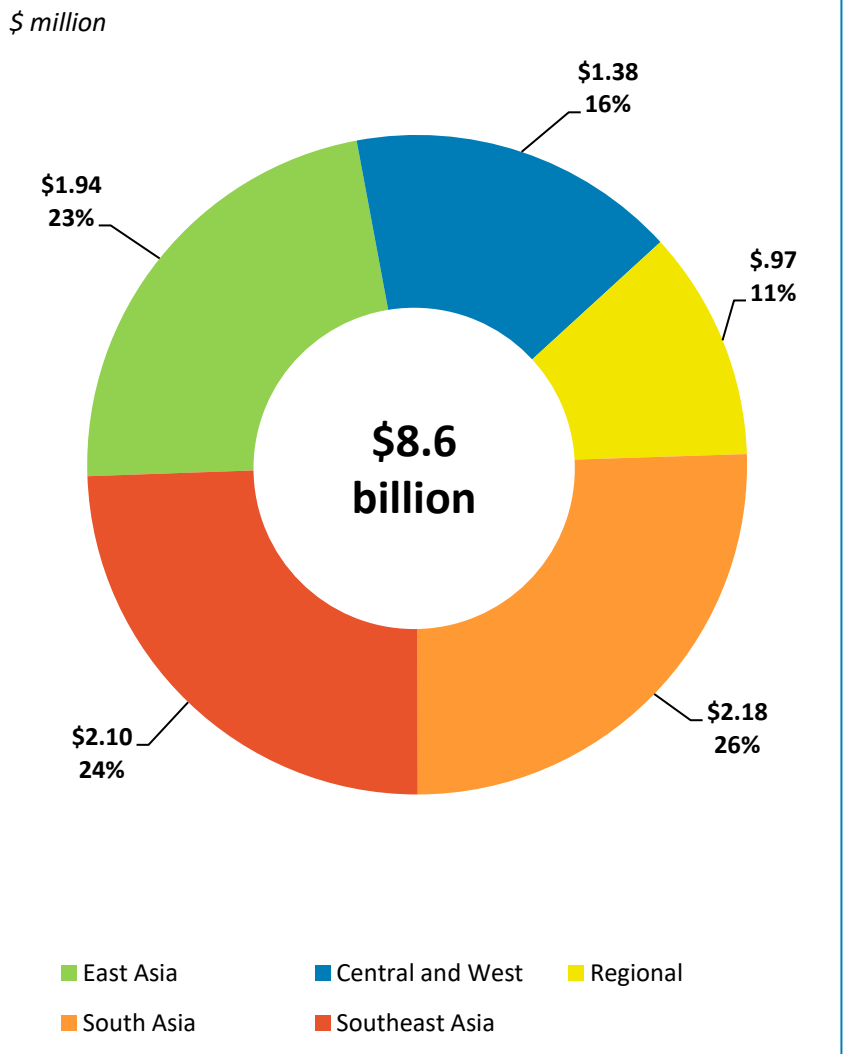
50 YEARS ADB

PSOD's Current Portfolio, At-a-Glance

PSOD's Portfolio, by Industry Sector[1]



PSOD's Portfolio, by Geography[1]

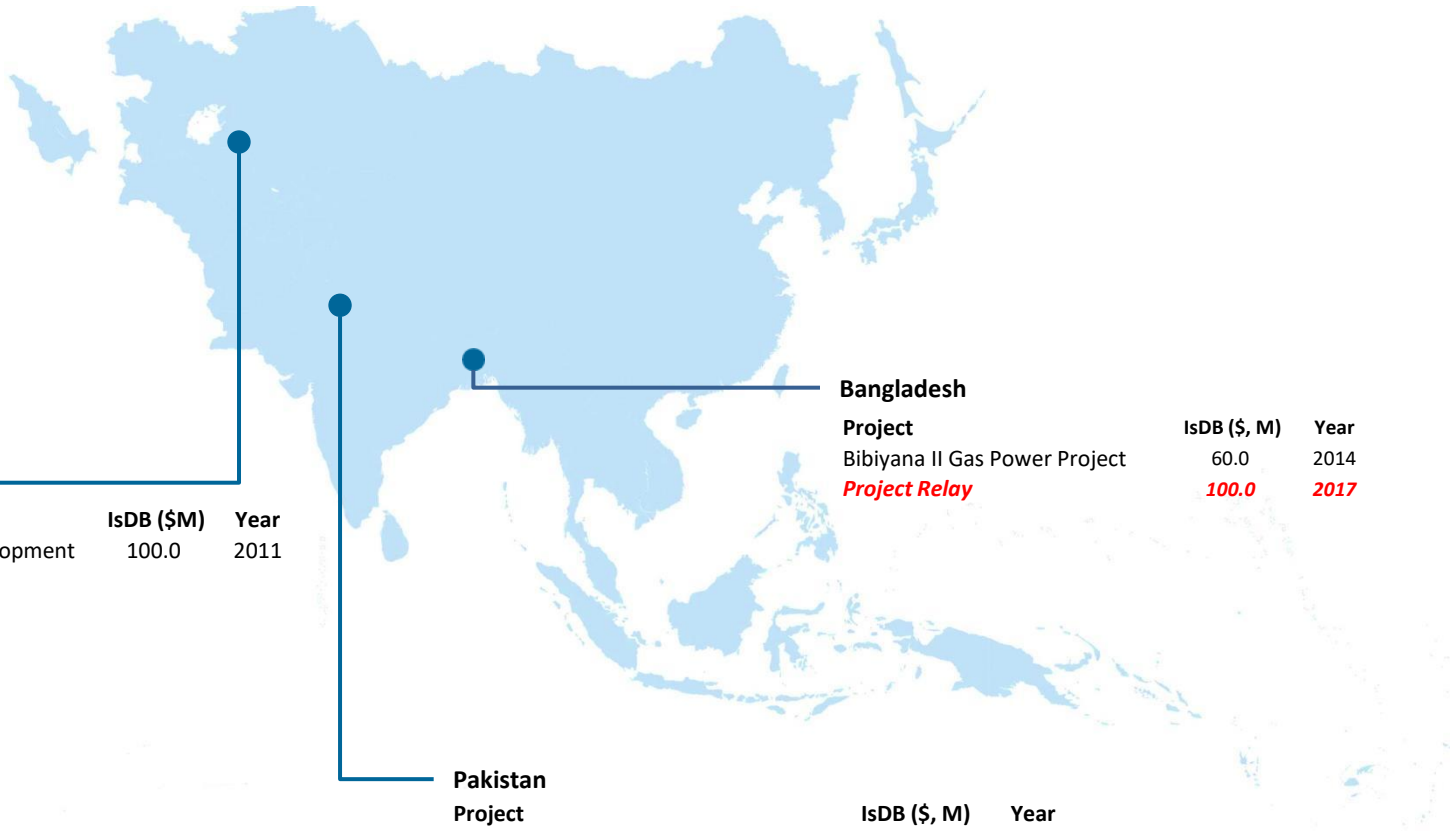


Note:
(1) Outstanding balances and undisbursed/unissued commitment for loans, equity investments and guarantees, as of 30 June 2016

Opportunities to Partner

ADB

Existing Cofinancings and Future Opportunities to Collaborate with IsDB



Uzbekistan

Project	IsDB ($M)	Year
Kandym Gas Field Development	100.0	2011

Bangladesh

Project	IsDB ($, M)	Year
Bibiyana II Gas Power Project	60.0	2014
Project Relay	***100.0***	***2017***

Pakistan

Project	IsDB ($, M)	Year
New Bong Escape Hydropower Project	37.3	2005
Uch II Power	90.0	2010
Patrind Hydropower	60.0	2011
Foundation Wind Energy I & II	66.6	2011
Project Tricycle	***75.0***	***2016***
Project Popeye	***65.3***	***2017***

PSOD's Plans Going Forward: The Road to 2020, 2030, and Beyond

- **Continue driving the region's growth story**
  Asia and the Pacific continues to present a wide spectrum of investment opportunities, ranging from highly developmental and underserved frontier markets (small, yet highly developmental projects) to new and stabilizing middle-income economies (large, yet broadly impactful projects)

- **Leverage ADB's core strengths as the region's historical development bank of record**
  Continue targeting key sectors (i.e., infrastructure and capital markets development) while expanding the scale and scope of attractive sub-sectors (e.g., agribusiness, rural finance, etc.)

- **Expand network of investment partners and cofinanciers**
  Scale up cofinancing activities including parallel lending/investing, risk transfers, and 3rd-party asset management

- **Support efforts to meet and exceed ADB's institution-wide goals**
  Including catalyzing private sector investment across the region and meeting ADB's targets for climate change finance

Case Studies

ADB

2016 Case Studies

IND: Mytrah Wind and Solar Development Project

ADB Assistance: $175m loan

Sponsor/Promoter: Mytrah Energy (India) Limited (MEIL)

Borrower: Six (6) Special Purpose Vehicle (SPV) of MEIL

Development Impact: Mytrah is the leading renewable IPP in India. Supporting a renewable energy developer with a large portfolio of projects is a way to achieve greater leverage of ADB's funding and greater development impact in terms of capacity addition. The transaction is designed to suit the financing requirement of various projects through a single loan facility. This transaction is the 1st one where all the off-takers are various state discoms. ADB's assistance will also help demonstrate the viability and bankability of the financing of renewable energy with various state discoms as off-takers.

Date Approved: 22 March 2016

$ = US dollars

THA: Distributed Commercial Solar Power

Total project cost: $125m

ADB Assistance: $47m equivalent in THB direct loan

Sponsor: Energy Solutions (Thailand)

Development Impact: The project will demonstrate the viability of the business model of solar projects on rooftops of commercial and industrial buildings that do not require FIT subsidies in Thailand. This will lead to unlocking of vast potential to scale up distributed solar photovoltaic installations, particularly in Thailand's growing manufacturing sector. The project will contribute to the diversification of energy mix by adding renewable energy capacity, strengthen energy security, and reduce reliance on fossil fuel in Thailand.

Date Approved: 10 August 2016

$ = US dollars

2016 Case Studies

SRI: Supporting Growth of Private Sector Banking

ADB Assistance: $50m equity investment

Borrower : Hatton National Bank (HNB)

Development Impact: The project will expand the scale and outreach of private banking services in Sri Lanka. ADB's investment will strengthen HNB's capital position and underpin the expansion of its operations by allowing the bank to grow its loan portfolio sustainably, particularly as the sector moves towards Basel III implementation. In addition to strengthening HNB's capital position, ADB's investment will support inclusive growth as the bank undertakes expansion in its key segments of micro and SME finance, and also support the bank's adherence to market leading standards .

Date Approved: 29 August 2016

$ = US dollars

IND: Janalakshmi Financial Services Private Limited

ADB Assistance: $150m debt financing

Borrower: Janalakshmi Financial Services Private Limited

Development Impact:

- Supports the growth of Janalakshmi as it transitions to a small finance bank by providing funding used to finance microfinance loans, largely to women customers under the joint liability group model, as well as other small loans to individuals and micro and small enterprises.
- At least 50% of the project proceeds will be deployed in less developed states.
- Up to 5% of the project proceeds will be used to support the development and deployment of sanitation loans that complement the GOI's sanitation initiatives.

Date Approved: 30 June 2016

$ = US dollars

2016 Case Studies

REG: Strengthening the Microfinance Ecosystem

ADB Assistance: $1.5m equity

Sponsor: Micro-Credit Ratings International Limited

Development Impact: The project involves ADB investing in newly issued capital of MCRIL, a specialized regional microfinance advisory and rating service provider based in India. ADB will support MCRIL's expansion to other DMCs, facilitate its accreditation with Indian regulators, and strengthen MCRIL's transition to an institutionalized and regional entity. The investment focuses on widening financial inclusion through strengthening governance, disclosure, and risk management practices in MFIs, and help them deliver credit to the smallest and remotest segments of the unbanked lower-income population, where women are an overwhelming proportion of the beneficiaries.

Date Approved: 14 July 2016

$ = US dollars

PRC: Loan to CFPA Microfinance Management

ADB Assistance: $50m loan

Borrower and sponsor: CFPA Microfinance Management

Development Impact: The loan will fund CFPAMM's micro-finance operations in poverty-stricken counties designated by central and provincial governments. It will be used for onlending under the group loan product, which has the smaller loan size, does not require collateral and targets women. Sub-loans are primarily for agricultural and farming purposes; will also support individual microbusinesses in trade, handicraft, and services. Will support approximately 130,000 rural household and microentrepreneurs

Date Approved: 17 May 2016

$ = US dollars

2016 Case Studies

PRC: Sustainable Dairy Farming and Milk Safety

ADB Assistance: $125m local currency loans

Borrower: Saikexing, PRC's 4th largest dairy farming company

Key features:
- ADB will provide a $62.5m yuan loan and will act as a lender of record for a participation by selected commercial banks equivalent to up to $62.5m in yuan
- Saikexing will invest in state-of-the-art technologies that will halt the harmful discharge of untreated animal waste and use waste for fertilizers, irrigation, and energy
- The project will also allow the company, which currently owns about 100,000 cows across 27 farms, to develop another 4 new farms with 20,000 cows in total

Development Impact: Reduce pollution, improve food safety, and expand the domestic supply of quality milk

Date Approved: 29 June 2016

$ = US dollars

MYA: Urban Renewal & District Cooling Project(1)

ADB Assistance: $85m direct loan, $20m equity, $35m B-loan, and $35m political risk guarantee

Sponsors: Yoma Strategic Holdings, Mitsubishi Corporation, and Mitsubishi Estate

Key features:
- First limited recourse financing in MYA
- Co-financing with IFC
- Preservation of historical building

Development Impact: The project supplies crucial tourism and business infrastructure in Yangon to support productivity, job creation, and sustainable economic growth Includes the country's first district cooling plant to reduce strain on Yangon's electrical grid, reduce fuel consumption, and reduce greenhouse gas emissions

Date Approved: 20 July 2016

$ = US dollars

Note: (1) Project Name: Yangon Urban Renewal & District Cooling Project

Appendix

ADB's PSOD is the leading investor in its core sectors across emerging Asia

Selected PSOD transactions approved between 2012 and 2014

Financial Markets
- Banking
- Private Equity

Infrastructure
- Renewables/Efficiency
- Other Energy
- Transport/Water/ICT
- Other Sectors

Kazakhstan
- Akmola Electricity Distribution
- RG Brands Agribusiness

Azerbaijan
- Access Bank Azerbaijan
- DemirBank
- Garadagh Cement Energy

Mongolia
- Khan Bank
- XacBank and TenGer

Georgia
- Adjaristsqali Hydropower
- TBC Bank Georgia

Regional
- Asia Environmental Partners Fund II
- Olympus Capital Asia Fund
- OrbiMed Asia Partners II, L.P.
- Spice Value Chain

People's Republic of China
- Clean Bus Leasing in the PRC
- Greenhouse Agricultural Development
- Natural Gas for Land and River Transportation
- Rural Smart Wastewater Treatment
- Urban and Rural Integration Water Distribution
- Wastewater Treatment & Reuse

Armenia
- Sevan–Hrazdan Cascade Hydropower

Tajikistan
- Access Bank

Myanmar
- Connectivity Infrastructure Development
- Yangon Urban Renewal and District Cooling

Pakistan
- New Bong Escape Hydropower
- Patrind Hydropower
- Rural Financial Inclusion and Dairy Growth Facility
- Zorlu Wind Power

Thailand
- Central Thailand Solar Power
- NED Solar Power
- Provincial Solar Power
- Subyai Wind Power

Laos
- Nam Ngiep Hydropower

India
- ACME-EDF Solar Power
- Axis and Yes Bank
- Dahej LNG Expansion Phase III
- Delhi Electricity Distribution
- Dewan Housing Finance Corp.
- Horticulture Cold Chain
- India Agribusiness Fund II
- NSL Renewable Power
- Ocean Sparkle Ltd.
- ReNew Power
- Hippocampus Rural Education
- Off-grid Pay-As-You-Go Solar
- Solar and Wind Power

Philippines
- Mactan-Cebu International Airport Terminal
- Philippine Investment Alliance for Infrastructure Fund

Sri Lanka
- Hatton National Bank
- Nations Trust Bank Plc

Cambodia
- Akay Flavours & Aromatics
- Loan to ACLEDA Bank Plc

Indonesia
- East Jakarta Water Supply
- Indonesia Investment Finance Corporation
- Rantau Dedap Geothermal Power
- Sarulla Geothermal Power Generation

Bangladesh
- Bibiyana II Gas Power
- PRAN Agribusiness

50 YEARS ADB

2015 Case Studies: Infrastructure

PHI: 150-Megawatt Burgos Wind Farm Project

ADB Assistance: $20m loan

Co-financing: Parallel cofinancing of $300m

Sponsors: EDC Burgos Wind Power Corporation (EBWPC)

Development Impact: The Project involves the construction and operation of a 150 MW wind farm project in the province of Ilocos Norte, in the municipality of Burgos. The Project is developed under the Renewable Energy Act (RE Act) and therefore entitled to priority connection to the transmission and distribution system, priority purchase and transmission of, and payment for, electricity sold through the Luzon grid. It would also be eligible for a fixed tariff under the Feed-in-Tariff (FIT) system.

Date Approved: 26 January 2015

$ = US dollars

PAK: Engro Fast-Track LNG Regasification Facility

Total project cost: $133m

ADB assistance: $30m direct loan

Co-financing: $70m (IFC and local lenders)

Sponsor: Engro Corporation

Development Impact: Pakistan's first liquid natural gas (LNG) re-gasification terminal of 3.5 million tons per annum capacity built; energy security enhanced through diversification of energy base; commercially viable re-gasified LNG supplied to power sector replacing expensive high-speed-diesel fuel, approximately 2 millions tons greenhouse gases (CO_2 equivalent) per annum avoided.

Date Approved: 24 February 2015

$ = US dollars

2015 Case Studies: Infrastructure

PAK: 102 MW Gulpur Hydro Project

Total project cost: $367m

ADB assistance: $65m direct loan

Co-financing: $210m (IFC, CDC Group, and Export–Import Bank of Korea)

Sponsors: Korea South East Power, Daelim Industrial and Lotte Engineering & Construction

Development Impact: The project will support improved power supply in Pakistan, diversified power generation mix, increased investment by private sector in renewable energy projects in Pakistan, and avoidance of 254,000 tons of greenhouse gases (carbon dioxide equivalent) per annum.

Date Approved: 17 April 2015

$ = US dollars

BHU: Hazelnut Value Chain Development

ADB Assistance: $3m equity

Investee: Mountain Hazelnuts Group Limited

Development Impact: The project supports the development of an inclusive and climate-resilient hazelnut value chain in Bhutan, involving 15,000 smallholder farmers who will plant 10 million trees on 22,000 acres of previously fallow or degraded land. ADB will support the company's investments in: (i) seedling development, (ii) tree planting, (iii) extension services, and (iv) processing and logistics. ADB will also mobilize technical assistance from donors to provide training to farmers and promote climate-resilient farming practices. Smallholder farmers engaged in the value chain are expected to double their income once the trees have reach maturity.

Date Approved: 11 June 2015

$ = US dollars

2015 Case Studies: Infrastructure

MYA: Nationwide Telecommunications

ADB Assistance: $150m

Cofinancing: $300m (International Finance Corporation)

Sponsor: Ooredoo

Development Impact: The project will roll out 3G telecommunications network to 90% of the population. The project will help to enhance the delivery of public services such as health and education through applications. The project is also committed to reduce the digital gender divide through employment, training, and other opportunities for women.

Date Approved: 30 June 2015

$ = US dollars

PHI: Tiwi and MakBan Geothermal Climate Bonds

ADB Assistance: Credit enhancement covering 75% of principal and interest for a project bond issued for $225m (equivalent) in PHP; $38m (equivalent) direct loan in PHP

Issuer: AP Renewables, Inc.

Sponsor: Aboitiz Power Corporation

Key features:

- Facilitates bond issue to refinance sponsor's equity in Tiwi and MakBan, the world's seventh- and fourth-largest operating geothermal projects with a combined nameplate capacity of 767 megawatts
- Landmark use of project bonds and credit enhancement; first local-currency project bond in Philippines, and first credit-enhanced project bond in Southeast Asia since the Asian financial crisis
- First green bond in the Philippines, first bond in Asia to be certified as a "Climate Bond," and the first Climate Bond in an emerging market for a single project

Date Approved: 2 July 2015

$ = US dollars; PHP = Philippine peso

2015 Case Studies: Infrastructure

IND: Shapoorji Affordable Housing Project

ADB Assistance: $35m equity investment

Co-financing: $105m (IFC and Standard Chartered Bank)

Sponsors: Shapoorji Pallonji & Company

Development Impact: The project will increase private sector investment in affordable housing and construct approximately 20,000 housing units in several cities across India. This will support poverty reduction and inclusive growth by generating employment and improving housing availability and quality. Access to adequate housing will improve health conditions, reduce stress and improve security especially among children and women, and provide a place of employment for micro and small businesses.

Date Approved: 7 July 2015

$ = US dollars

AZE: Shah Deniz Stage II Gas Field Expansion

ADB Assistance: $250m loan

Co-financing: $750m (EBRD and commercial banks)

Sponsor: Lukoil Overseas Shah Deniz

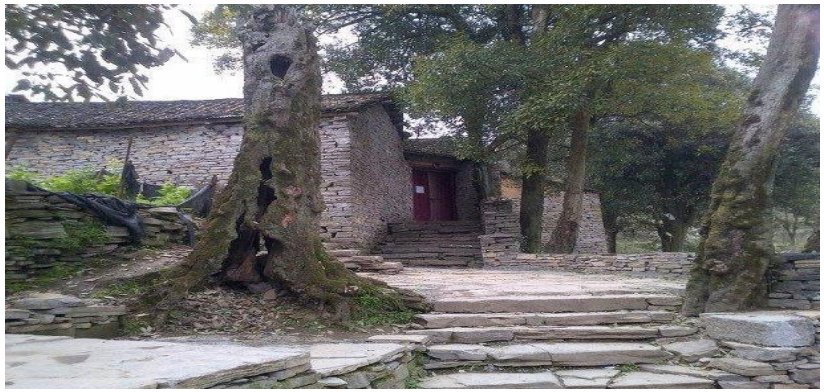
Development Impact: The project marks the expansion of the largest gas field to date in Azerbaijan and will increase total gas production to 36 billion cubic meters per year by 2020—the majority of which will be transported to Europe via the Southern Gas Corridor. This will support regional integration and the diversification of Azerbaijan's natural gas exports. The project will also encourage foreign operators and commercial lenders to develop similar upstream and midstream gas projects and provide much-needed technical expertise and foreign capital.

Date Approved: 5 August 2015

$ = US dollars, bcma = billion cubic meters per annum

2015 Case Studies: Infrastructure

PRC: Western Counties Water & Wastewater Mgmt



ADB Assistance: $150m USD/CNY dual currency A Loan; $150m USD/CNY dual currency complementary loan

Sponsors: Beijing Capital Co., Ltd.

Development Impact: The Project will support construction, rehabilitation and operation of a portfolio of water supply and wastewater treatment facilities and associated infrastructure. The scope of subprojects is based on the PRC's new PPP guidelines and concession measures, in which multiple interlocking infrastructure services can be tendered out. The project is crucial to improve living environment in rural areas, attract private investment into less development region ,and demonstrate the commercial viability and efficiency of multi-sector service concessions.

Date Approved: 8 October 2015

$ = US dollars, CNY = Chinese Yuan

PRC: Industrial Wastewater and Sludge Treatment[1]

ADB Assistance: $100m USD/CNY dual currency A Loan; $150m USD/CNY dual currency complementary loan

Sponsors: CT Environmental Group Limited (CTEG)

Development Impact: In the PRC, SMEs are becoming major polluters. The majority of SMEs face challenges in production process such as obsolete technologies, low efficiency, and high water consumption. More than 80% of SMEs generate pollution in industrial production, accounting for 60% of the pollution generated in the county. The Project will centrally treat wastewater discharged by SMEs in polluting industries (such as textile, paper and food) and treated wastewater will be supplied to industry for reuse.

Date Approved: 10 December 2015

$ = US dollars, CNY = Chinese Yuan
Note: (1) Project Name: SME Industrial Wastewater and Sludge Treatment

2015 Case Studies: Infrastructure

IND: Green Energy Corridor and Grid Strengthening

ADB Assistance: $500m loan

Borrower and sponsor: Power Grid Corporation of India , Ltd.

Development Impact: The project involves transmission system upgrades in India, including (i) a portion of the Government of India's Green Energy Corridor initiative to facilitate the transfer of power from renewable energy-rich areas to other parts of the country, through 765 kilovolt (kV) and 400 kV high voltage transmission lines and an associated 765/400kV substation and equipment; and (ii) four high voltage direct current (HVDC) terminals (two at 800 kV and two at 320 kV) to increase interregional connectivity between India's western and southern regional power grids.

Date Approved: 9 December 2015

$ = US dollars

IND: Simpa Off-grid Pre-paid Solar Leasing

Total project cost: $24m

ADB Assistance: $6m direct loan

Co-financing: $4.5m

Sponsor: Simpa Energy India

Development Impact: The project will improve access to electricity in rural India and reduce greenhouse gas emissions. Successful implementation of this project will have a demonstration effect and make a case for increasing financing for innovative off-grid renewable energy in neighboring countries with chronic power shortages and a high percentage of unelectrified rural households. The project is also expected to have gender benefits, such as expanded access to electricity for women and marketing initiatives targeting women beneficiaries

Date Approved: 1 December 2015

$ = US dollars

2015 Case Studies: Infrastructure

THA: 260-MW Northeastern Wind Power Project

ADB Assistance: $150m loan

Co-financing: $19m co-financing loan through the Clean Technology Fund

Sponsor: Energy Absolute

Development Impact: Diversifies Thailand's energy mix by broadening production and consumption of renewable energy. Strengthens energy security and reduces reliance on fossil fuel.

Date Approved: 8 December 2015

$ = US dollars

MYA: Myingyan Natural Gas Power Project

Total project cost: $325m

ADB Assistance: $42m direct loan and $110m B loan covered by political risk guarantee

Co-financing: $100m from IFC and international banks

Sponsors: Sembcorp Utilities and MMID Utilities

Development Impact: The project is the first competitive tender for an independent power project in Myanmar adhering to international best practices, and a model power purchase agreement prepared with ADB technical assistance. ADB's proposed B-loan and political risk guarantee will help attract long-term financing from international commercial lenders.

Date Approved: 8 December 2015

$ = US dollars

2015 Case Studies: Capital Markets

AZE: AccessBank Azerbaijan and Finca Azerbaijan

ADB Assistance:

- $75m senior loan to AccessBank Azerbaijan
- $20m senior loan to Finca Azerbaijan
- $0.75m technical assistance

Development Impact: Support 150,000 small farms to improve sales. Increase outreach to 50,000 farm households, through lending backed by agriculture and financial literacy training. Increase outreach to 1,000 agriculture SMEs through lending and advisory services.

Date Approved: 22 April 2015

$ = US dollars

KGZ: Bai Tushum Bank

ADB Assistance:

- $10m senior loan to Bai Tushum Bank, Kyrgyz Republic
- Technical assistance with product development for mobile banking and financial literacy training

Development Impact: Improved access to finance for micro, small and medium enterprises by building capacity to improve BTB's deposit mobilization and outreach to remote villages and farmers, thus promoting inclusiveness. Strengthen the bank's outreach to female entrepreneurs and support gender equality policies within the financial institution.

Date Approved: 1 June 2015

$ = US dollars

2015 Case Studies: Capital Markets

BAN: BRAC Bank

ADB Assistance: Up to $30m senior loan to BRAC Bank

Development Impact:

- Improved safety standards in the ready-made garment industry with the help of financing for the upgrading, expansion, or construction of factories that satisfy the safety requirements of the Bangladesh Accord on Fire and Building Safety and the Alliance for Bangladesh Worker Safety
- Improved working conditions for 22,000 women workers in the ready-made garment industry
- Improved environmental standards by financing the construction or expansion of wastewater treatment plants in the industrial sector

Date Approved: 16 September 2015

$ = US dollars

PRC: Yingda International Leasing

ADB Assistance: $75m senior loan to Yingda International Leasing in the People's Republic of China

Development Impact: Improved facilities and diagnostic and treatment capacity of public hospitals in the underdeveloped regions by financing the procurement of modern medical equipment and hospital fixed asset investments. Improved county hospital facilities, thus reducing the need for long-distance travel to city hospitals and benefiting the local rural population. Development of financial leasing industry.

Date Approved: 29 September 2015

$ = US dollars

2015 Case Studies: Capital Markets

REG: Microfinance Risk Participation and Guarantee

ADB Assistance: Additional $50m facility approved under the program, increasing the total limit to $240m

Development Impact: Support the financial and institutional development of the microfinance industry and expansion of access to finance for micro and small entrepreneurs, particularly poor households and women. Program supported $154m of local currency loans to over 1.2 million individuals, 100% women and over 95% in rural areas. First time borrowers have gradually grown, with representation peaking at 65% in March 2015. Expanded and improved access to finance for microfinance institutions in ADB DMCs. Over 26 accredited MFIs in the program with an additional 10 being added in 2016

Date Approved: 26 October 2015

$ = US dollars

REG: Creador III L.P. Fund

ADB Assistance: Up to $45m, as total equity commitment in the $450m private-equity fund

Development Impact:

- Catalyze institutional private equity funding for middle-market companies in South and Southeast Asia
- Investments in financial services, health care, and education are expected to: (i) increase the capacity of financial intermediaries to expand lending to middle-market companies, (ii) support the delivery of cost-effective health services and goods, and (iii) help to improve access to and quality of skills development in target markets to reduce skills shortages
- As Creador's first multilateral investor, encourage the fund manager to ensure that its investee companies comply with the highest environmental and social safeguard standards and corporate governance best practices

Date Approved: 6 November 2015

$ = US dollars

2015 Case Studies: Capital Markets

SRI: LOLC Finance and LOLC Micro Credit[1]

ADB Assistance:

- $75m loan to LOLC Finance (A-Loan of $30m and B loan of $45m); $25million loan to LOLC Micro Credit
- Technical assistance to develop an ESMS, product development for mobile banking and financial literacy training to increase outreach to remote villagers and farmers

Development Impact: Improving access to stable and longer tenor finance for MSME's through non banking financial institutions. Mobilizing co-financing. Providing technical assistance to improve internal and external capacity to reach the underbanked. Gender mainstreaming, supporting women entrepreneurs and bolstering LOFC's and LOMC's policies pertaining to women.

Date Approved: 29 October 2015

IND: PNB Housing Finance Limited

ADB Assistance: $150m senior secured loan to PNB Housing Finance Limited in India.

Development Impact: Improving access to stable and longer tenor finance to support PNB Housing Finance's expansion of its low cost affordable housing lending throughout the country, with a focus on lesser developed states and women home buyers. Supporting the development of the Indian housing sector, which contributes to poverty reduction and inclusive growth by generating employment, improving housing, and raising standards of living.

Date Approved: 15 December 2015

$ = US dollars

Note: (1) Project Name: Proposed Senior Loans to LOLC Finance and LOLC Micro Credit

$ = US dollars

2015 Case Studies: Capital Markets

GEO: Credo, TBC Bank and FINCA Georgia

ADB Assistance:

- $23m (or lari equivalent) loan to Credo Microfinance Organization
- $7m (or lari equivalent) loan to FINCA Bank Georgia
- $50m (or euro or lari equivalent) subordinated loan to TBC Bank
- $50m (or euro or lari equivalent) senior loan to TBC Bank
- $1m Technical Assistance

Development Impact: Improved competitiveness and increased availability of credit to 88,000 additional farmers and MSMEs. Increased volume of business loans for agriculture and MSMEs, with 57,000 new borrowers in rural areas. Increased outreach to 44,000 women through lending and training programs.

Date Approved: 10 December 2015

$ = US dollars

IND: RBL Bank Limited

ADB Assistance:

- $51m (INR equivalent) equity investment
- $100m loan
- Technical assistance to strengthen RBL's IT and risk management platform

Development Impact:

- Support for financial inclusion in India through funding for small farmers and micro, small, and medium enterprises, with specific targets for women borrowers
- 5-year loan will provide RBL Bank with stable funding to support longer-term products for agricultural and rural borrowers
- ADB's equity investment will support RBL Bank's geographic expansion into lesser developed states and help the bank meet Basel III requirements
- Technical assistance will enable RBL Bank to increase its outreach to rural and agricultural customers and further strengthen its credit appraisal process

Date Approved: 9 December 2015

$ = US dollars