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POWERING PRIVATE SECTOR INVESTMENT In Asia and the Pacific

OFFICE OF
MARKETS
DEVELOPMENT AND
PUBLIC-PRIVATE PARTNERSHIP

01 ADB's PPP Advisory – Our Value Add

☐ GOVERNMENTS' COMMITMENT Ensured

- Host governments' buy-in is imperative for the project's success.
- ADB is fully aware of strategic priorities and areas of focus for each government based on our long-standing relationship.

☐ Projects Are READY-TO-COOK

- ADB is familiar with the key commercial requirements of private investors and lenders in Asia and the Pacific.
- Projects are structured to meet major expectations of the private sector counterparts.

☐ Push The CLIMATE CHANGE Agenda

- Climate change is a common and shared goal of the globe and must be addressed in infrastructure development.
- ADB designs and recommends projects that are climate proof and resilient to the exponentially increasing natural hazards.

☐ Pursuit Of VALUE-FOR-MONEY

- Maximizing not only social benefits but also financial benefits through the pursuit of Value-for-Money.
- Enables stable and uninterrupted operations by adopting Quality Infrastructure Investments and InfraTech.

☐ Assure HONEST BROKER'S ROLE

- Highest standard of international best practice is applied to the bidding process to ensure transparency, fairness, and governance.
- Reduce political risks inherent to the investment.

Business Opportunities ADB Can Offer

- ADB offers support to DMCs at each stage of the PPP development cycle.
- ADB combines multiple solutions (e.g., technical assistance, advisory services, sovereign and non-sovereign loans/ guarantees) to make its PPP support most effective.
- Private firms from various sectors and areas of specialty are invited to take part in these processes as project counterparts.

UPSTREAM MIDSTREAM DOWNSTRFAN **PPP Enabling Project Identification Public Tender for Project Operation &** & Capacity Building **Environment** & Structuring **Award of Concession** Development **Maintenance** Create awareness · Legal reform · Identify projects that · Organize roadshow Appoint EPC Operate the Institutional reform Prepare RFQ/RFP · Develop capacity of contractor infrastructure suit PPP modality · Build pipeline Draft PPP contracts · Construct the Manage PPP governments · Conceptualize the Conduct public infrastructure contracts project tender

TYPE OF PRIVATE PARTNERS ENGAGED AT EACH STAGE OF PPP DEVELOPMENT CYCLE

- Legal Firms (international & local)
- **PPP Experts**
- IT Experts (for PPP database development)
- **Equity Investors**
- ✓ Commercial Lenders
- **Equipment Suppliers**
- ✓ Technical Consultants
- ✓ Legal Firms (international) & local)

- **Construction Companies**
- **Engineering Companies**
- Utilities
- **Technical Consultants**
- **Safeguard Consultants**



Markets Development by ADB



 Lay the grounds for private business, create investment climate, structure commercially feasible projects, and deliver them to investment markets for development.

HOW WE DO IT

 Provide technical assistance to establish a PPP enabling environment; and offer Transaction Advisory Services (TAS) that structure and deliver bankable PPP projects and crowd-in private investment.





Countries and Sectors Supported 📞



In 23 countries, 8 sectors

Number of PPP Support Offered 6-6

70+ transactions

Number of Commercial Close Achieved



14 PPP projects and counting

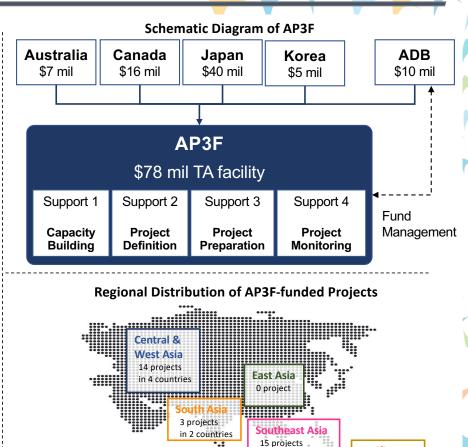
Commercial Investments Catalyzed



\$2.0 billion

04 AP3F – Alternative Source of Funding for TAS

- The Asia Pacific Project Preparation Facility, or AP3F, is a multi-donor technical assistance (TA) facility.
- Four donor countries, namely Australia, Canada, Japan, and Korea have contributed \$68 million of funds. ADB has topped up \$10 million to make the total fund size \$78 million.
- With the cumulative support of \$56 million, AP3F has delivered 7 projects to the markets and catalyzed \$1.6 billion of commercial investment, having realized a multiplier effect of 26x.
- AP3F has been trying to bolster its PPP support by combining it with thematic activities that include climate change, gender equality, digitalization, and quality infrastructure investment with the aim of promoting sustainable, resilient, and inclusive growth.
- Not only middle-income countries: AP3F also assists the Small Island Development States so that no one is left behind!



Pacific

3 projects in 3 countries

in 4 countries

05 Selected Pipeline of AP3F

AP3F's portfolio largely consists of projects in Southeast Asia (42%) and in Central & West Asia (34%). There continues to be demand in the Philippines and Uzbekistan which collectively make up 33% of AP3F's portfolio and 75% of AP3F's pipeline, respectively.



Bangladesh Road (\$3.1 mil)



Cambodia Supporting PPP law (\$0.5 mil)



Indonesia Urban (\$0.65 mil)



Philippines
Floating solar
(TBD)



Philippines Transport (TBD)



Philippines Transport (\$2.0 mil)



Philippines ICT (\$3.0 mil)



Uzbekistan Education (\$2.0 mil)



Uzbekistan Water (\$2.2 mil)



Uzbekistan Health (\$2.0 mil)



Uzbekistan Transport (\$0.5 mil)



Thailand Capacity building (\$0.5 mil)

(\$ = AP3F support amount)

Case Study | PHI: North-South Commuter Rail

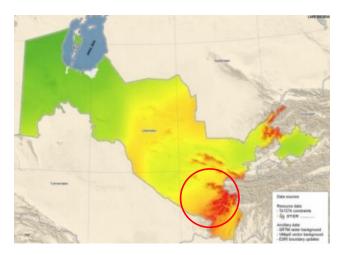
Overview

- ► The North South Commuter Railway ('NSCR') is a 147km line suburban rail network connecting New Clark City in the north to Calamba in the south of Luzon. When completed, it will contribute to reducing travel time between Metro Manila & Clark from 2-3 hours (by bus) to less than 1 hour (by rail)
- ► The Metro Manila Subway Project (MMSP) covers 30km in Metro Manila and is the first mass underground transport system in the Philippines.
- ► The Projects are innovative "Hybrid PPPs" where the construction and development is sovereign funded through loans with ADB and JICA, while the operations and maintenance (O&M) will be tendered to the private sector through long-term concession agreements (CA) assisted by AP3F's project preparation.
- ► ADB will finance civil works for the railway viaduct, stations, bridges, tunnels, and depot buildings. JICA is funding the rolling stock and railway systems.
- ► The Project is structured on an **availability payment** model. JICA may finance the government's obligations of availability payment.



Case Study | UZB: Sherabad Solar

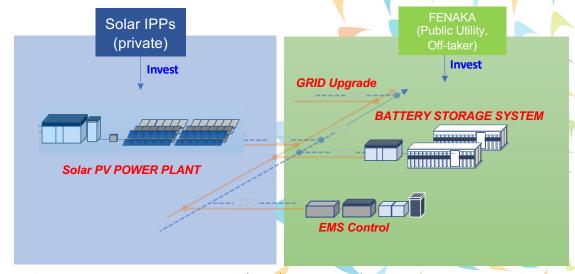
Country	Uzbekistan
Sector	Energy
Name of Public Sector	National Electric Grid of Uzbekistan (NEGU)
Name of Private Partner	Abu Dhabi Future Energy Company (Masdar)
Size of Project	US\$252 million



- ▶ **Background**: In 2019, Government of Uzbekistan signed a 1GW solar PPP program with ADB to develop and tender multiple solar PPP projects.
 - Sherabad Solar (457MW)
 - Guzar Solar (300MW)
 - 3rd & 4th projects (under development)
- Project Description: design, finance, construction, operation and maintenance of a 457 MW solar power plant with a 52km long transmission line. (commercial close: August 2021)
- ▶ **OPPP's Scope of Work**: Transaction Advisor for the Government of Uzbekistan in project structuring, negotiation, tender preparation, tender management and support for commercial and financial closing.
- Development impact:
 - Increase Uzbekistan's power generation capacity with local energy sources and export potential;
 - Tariff achieved at 1.80 c/kwh is the lowest in Asia Pacific for grid connected solar.
- ▶ One-ADB Approach : Apart from providing transaction advisory services, ADB offered both sovereign product (Partial Credit Guarantee for 3 months of offtake payments) and non-sovereign product (lending to the SPV) to the Project.

Case Study | MLD: Expanding Solar Energy in Outer Islands

- Background: a solar PV project with a total capacity of up to 20 MW under a PPP modality (the "Project"). The Project will be spread across 20 outer islands of Maldives with a combination of floating, land and rooftop installations and will be the single largest private sector investment project in the energy sector in Maldives.
- Project Description: design, build, finance, own, operate and maintain a 20 MW Solar PV Power Project in 20 outer islands of Maldives (to be tendered during 4Q 2022)
- ▶ **OPPP's Scope of Work**: Transaction Advisor for the GOM in project structuring, negotiation, tender preparation, tender management and support for commercial and financial closing.
- Development impact: In the context of GOM's plan to achieve net zero carbon emissions, the Project aims to avoid 18,500 tCO2e emissions annually and reducing diesel use by 8.5 million liters per annum by switching from diesel-based generation to renewable energy-based generation.



EMS = energy management system, IPP = independent power producers.

Indirect financing and support:

- Transaction advisory service TA (OPPP)
- Liquidity support facility for 6 months of offtake payments under the PPA
- Performance-based incentive scheme to reduce the tariff
- Political Risk Insurance for sponsors (MIGA)

Direct financing:

from ADB sovereign operations for deployment of battery systems and grid upgrade

Supporting an inclusive, just, and affordable low-carbon transition in Asia and the Pacific

Asian Development Bank

Joonho Hwang
Director, East, Central, and West Asia
Energy Sector Group

Key Energy Challenges in Asia and the Pacific



Energy Access



Energy Security



Environmental Sustainability



Sector Governance

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

- 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

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

Opportunities and the Changing Energy Landscape



Energy Landscape



Global Commitments



ADB's Commitments

- Profound changes in Asia and the Pacific
- Fast-falling cost of renewable energy vs. conventional energy
- Emerging new and innovative low-carbon energy technologies
- Maturing digital and smart technologies

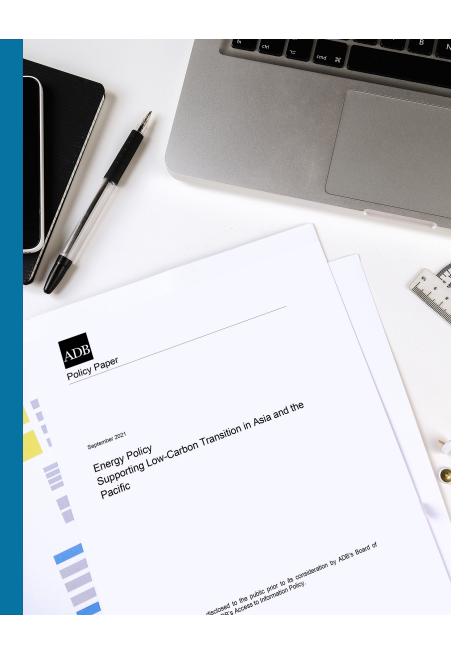
- Global commitments to universal access and climate action
- Sustainable Development Goal
 7: Universal Energy Access by
 2030
- Paris Agreement: Nationally Determined Contributions (NDCs)

- ADB to be the Climate Bank of Asia and the Pacific
- \$100 billion of cumulative climate finance by 2030 from own resources
- At least 75% of operations to support climate action for the period 2019 to 2030

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 Energy Policy - Principles











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

Theory of Change



Achieve the vision of an inclusive, just and affordable low-carbon transition in Asia and the Pacific

Intermediate
Outcomes

Universal energy access including clean cooking/heating Communities with improved climate and disaster resilience

Financially sustainable and affordable energy services Increased energy security and cross-border access to cleaner energy sources Integrated solutions with magnified development impacts

Immediate Outcomes

Increased generation and T&D capacities and last-mile electrification Increased GHG reduction, RE capacities and saved energy, systems upgraded Agencies with improved governance and increased private sector participation

Increased crossborder energy trading and RE resource sharing

Increased crosssector projects



Outputs

Increased capacity and electrification

Promote green and resilient infrastructure, circular economy and decarbonisation including Energy

Transition Mechanism

Reform policies and institutions with adequate attention to vulnerable groups and stimulate private investment

Promote crossborder energy trading investment Developing integrated cross-sector solutions

Sector Guiding Principles 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 Sector Vision and Approach

Supporting Just Low-Carbon Transition in Asia and the Pacific: Confronting Climate Change Challenge



Principle 1.
Securing Energy for a Prosperous and Inclusive Asia and the Pacific



Principle 2.
Building a
Sustainable and
Resilient Energy
Future



Principle 3.
Supporting
Institutions, Private
Sector Participation
and Good
Governance



Principle 4.
Promoting Regional
Cooperation and
Integration



Principle 5.
Integrated CrossSector Operations
to Maximize
Development
Impact

Areas of Delivery

Decarbonization

Decreasing energy intensity

Digitalization

Decentralization

Innovative and Trendsetting Projects



UZB: Navoi Solar Power Project

- Set precedence for private sector grid-connected solar sector
- Crowd in a blended finance package (innovative combination of long-term loans and concessional financing) to ensure commercial viability and meet entire financing requirement



PRC: Air Quality Improvement in the Beijing-Tianjin-Hebei Region

- A multi-year investment support to improve environmental quality in the BTH region- different clean energy interventions (renewable energy, fuel switching, energy efficiency technologies)
- Utilizes various financing approaches and instruments (FIL, PBL RBL)



TON: Renewable Energy Project

- A solar PV hybrid system with large battery energy storage in the main island and grid management upgrade in the outer islands
- Created technically enabling environment for IPPs
- Effective gender mainstreaming



IND: Bengaluru Smart Energy Efficient Power Distribution Project

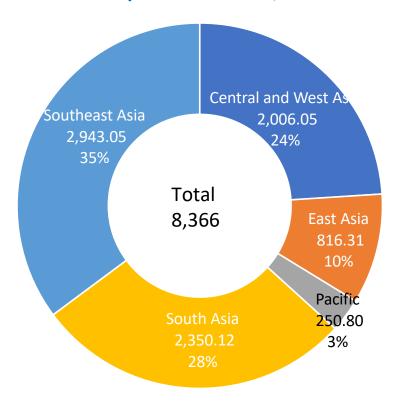
- Converts overhead lines to underground cables with fiber optics
- Combined public and private sector loans to a state government-owned enterprise
- Reduced utility's sovereign exposure while helping to raise resources for capital expenditure using a market-based approach



CAM: National Solar Park Project

- Auctioning of 100 MW capacity in two phases: 60 MW (2019) and 40 MW (2021). Both phases resulted in lowest-ever tariff in ASEAN for gridconnected solar
- Designed as a PPP: SOE provides land and transmission access, private sector to develop solar generation

Energy Sector Commitments by Region, 2020-2023 (in million \$)

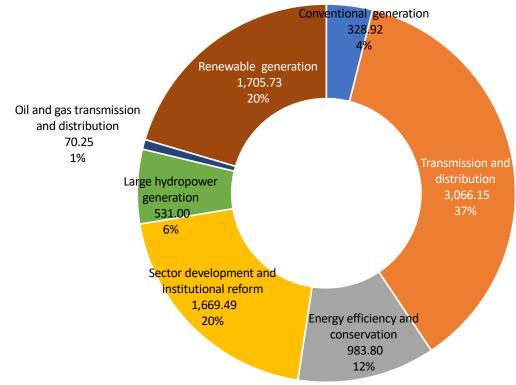


Source: Management Dashboard – as of 27 August 2023 (sovereign) and 25 August 2023 (nonsovereign)

Top 5 Countries by Commitment and Project Number, 2020-2023

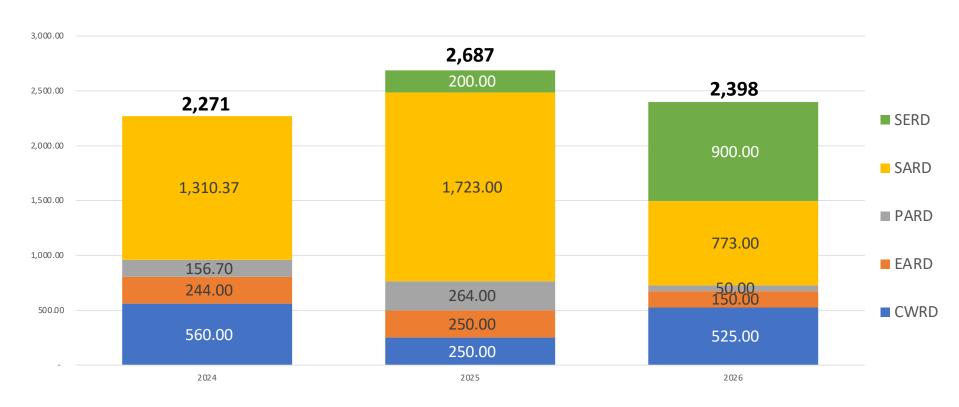
Country	Committed Amount (in millions)	Project numbers	
Indonesia	2,000.00	4	
India	1,592.05	11	
Pakistan	789.00	3	
People's Republic of China	716.31	5	
Uzbekistan	520.39	11	

Energy Sector Commitments by subsector, 2020-2023 (in million \$)



Source: Management Dashboard – as of 27 August 2023 (sovereign) and 25 August 2023 (nonsovereign)

Energy Sector Pipeline by Regional Operations 2024-2026 (in million \$)



Source: Work Program and Budget Framework

Energy Sector Pipeline by Subsector 2024-2026 (in million \$)



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ADB's Energy Transition Mechanism (ETM)

Increasing momentum from Glasgow COP26 to Bali G20 and Egypt COP27



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

- Indonesia and the Philippines joined as key partners to launch the pilot study for ETM in Southeast Asia.
- Japan's Ministry of Finance announced a \$25 million grant, the first seed financing for ETM.
- The partnership was endorsed by senior cabinet-level officials from Denmark, the UK, and the US, as well as leading global financial institutions and philanthropies.
- MOU was signed with Rockefeller Foundation, including to accelerate the transition to clean energy.



Pres. Asakawa, Indonesia's Finance Minister Indrawati, World Bank Managing Director of Operations van Trotsenburg, and Islamic Development Bank Pres. Dr. Al Jasser launching the Indonesia ETM Country Platform on 14 Nov. 2022 in Bali.

- The Government of Indonesia launches the Indonesia ETM Country Platform alongside key partners—ADB, Islamic Development Bank and World Bank.
- Signing of a MOU on the landmark precedent ETM transaction in Indonesia between ADB, PT Perusahaan Listrik Negara, Cirebon Electric Power, and Indonesia Investment Authority.
- Signing of MOU between ADB and PT Sarana Multi Infrastruktur, Indonesia ETM Country Platform Manager.



OneADB ETM Team led by SDCC DG Bruno Carrasco is joined by Germany's Anna Lührmann, Deputy Foreign Minister and State Minister, representatives from Kazakhstan and Viet Nam, and speakers from Bezos Earth Fund, Climate Policy Initiative, Glasgow Financial Alliance for Net Zero, Institute for Climate and Sustainable Cities, and Sustainable Energy for All during COP27 in Sharm El-Sheikh on 17 Nov. 2022.

- Germany's Ministry of Foreign Affairs announced its €30 million contribution to the ETM Partnership Trust Fund.
- Government representatives from Indonesia, Kazakhstan and Viet Nam provided updates on country-level ETM implementation.

The ETM Program Overview

- Accelerate the retirement or repurposing of coal-fired power plants using public and private finance through refinancing, acquisition, or sustainability-linked corporate loans
- Scale up investment in clean energy and energy storage
- Aim to achieve just and affordable transition, addressing impacts of coal retirement on people and communities

The Benefits of ETM

ETM will be a win for the climate, a win for local communities, and a win for developing economies. It will significantly shorten the life of legacy coal-fired power plants and unlock new investments in sustainable and renewable energy.



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 coalfired 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.









Business Opportunities Seminar

Las Vegas, Boston, Milwaukee and San Francisco

Doing Business with the Asian Development Bank – Procurement Systems and Opportunities for Private Sector

September 2023

Rubina Shaheen, Principal Procurement Specialist

Galiya Ismakova, Principal Procurement Specialist

Asian Development Bank







Overview

- Snapshot of the Asian Development Bank
- Operational Priorities
- ADB Procurement Framework
- Why to Pursue a Contract with ADB
- Where to find information





An Overview of ADB



- Founded in 1966
- 68 members
- 49 regional & 19 non-regional
- 41 borrowing members





Main Instruments: Loan/Grants, Technical Assistance, Equity and Guarantees

Delivered through: ADB's own resources (ordinary; concessional; special funds) and co-financing

Largest borrowers in 2022: India, Philippines, Uzbekistan, PR China, Bangladesh





Asian Development Bank

From 31 members at its establishment in 1966, ADB has grown to encompass 68 members—of which 49 are from within Asia and the Pacific and 19 outside. www.adb.org/about/members

ADB offers a range of financial products that help developing member countries (DMCs) build economic growth and social development. These tools include loans, technical assistance, and grants.

Public sector (sovereign) financing is extended to DMC governments and public sector entities, such as state-owned enterprises. Sovereign lending or financing secured by a government guarantee forms the greater part of ADB's development assistance.

Non-sovereign financing supports privately held and state-sponsored companies in Asia and the Pacific with emphasis on commercially viable transactions that generate attractive financial returns while also delivering on ADB's mission to promote environmentally sustainable and inclusive economic growth.





ADB Operational Priorities

Addressing remaining poverty and reducing inequalities.

Accelerating progress in gender equality.

Tackling climate change.

Making cities more livable.

Promoting rural development and food security.

Strengthening governance and institutional capacity.

Fostering regional cooperation and integration.





How ADB Finances Projects



Central and West Asia - \$ 24.2 Bln

East Asia - \$ 14.1 Bln

South Asia - \$ 34.8 Bln

Southeast Asia - \$24.1 Bln

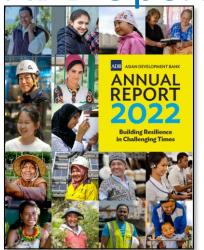
Pacific - \$ 3.3 Bln

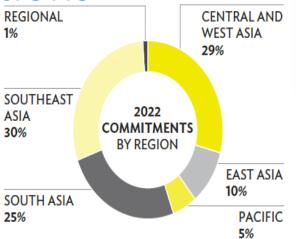
KMSD – 0.4 Bln





ADB Operations





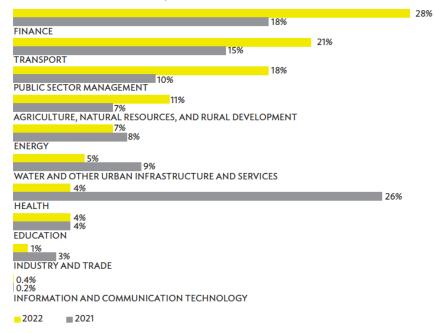
Commitments by Region, 2018–2022 (\$ million)

			**	•	
Region	2018	2019	2020	2021	2022
Central and West Asia	5,700	6,111	6,565	5,193	5,962
East Asia	3,162	2,663	2,893	2,034	2,089
Pacific	369	461	1,150	853	994
South Asia	7,621	7,307	9,034	8,819	5,127
Southeast Asia	7,143	7,181	11,628	5,579	6,028
Regional	523	294	310	282	272
TOTAL	24,518	24,017	31,581	22,759	20,473

Commitments by Sector, 2018–2022 (\$ million)

Sector	2018	2019	2020	2021	2022
Agriculture, Natural Resources, and Rural Development	2,375	2,309	1,281	1,490	2,218
Education	1,643	1,138	1,066	975	799
Energy	5,095	2,660	4,292	1,837	1,446
Finance	3,430	3,325	4,601	4,116	5,686
Health	524	644	3,512	5,882	823
Industry and Trade	1,899	1,592	2,215	716	238
Information and Communication Technology	62	579	32	55	86
Multisector	5	3	12	10	11
Public Sector Management	2,307	2,985	9,561	2,294	3,725
Transport	4,957	7,536	3,147	3,396	4,344
Water and Other Urban Infrastructure and Services	2,220	1,245	1,862	1,989	1,098
TOTAL	24,518	24,017	31,581	22,759	20,473

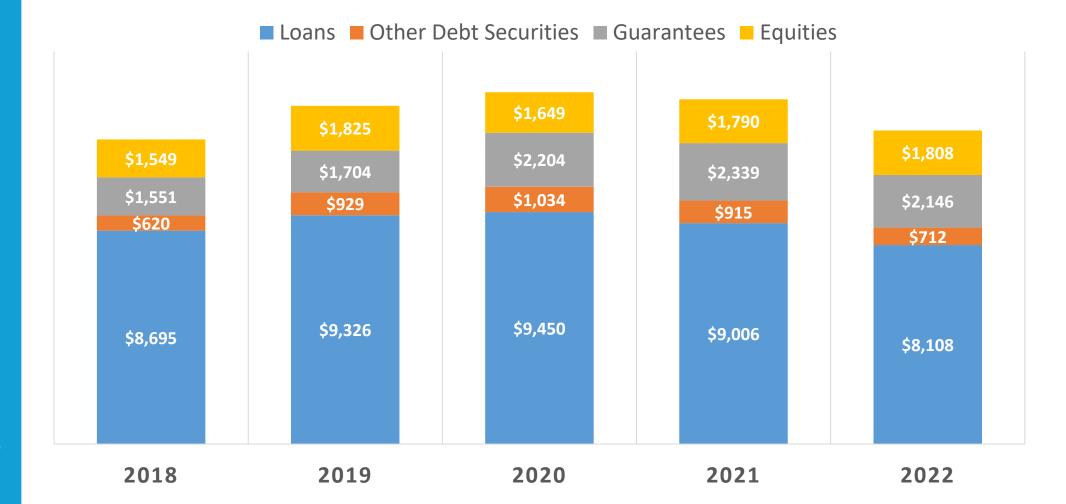
COMMITMENTS BY SECTOR, 2022 AND 2021







ADB 2022 Non-Sovereign Portfolio

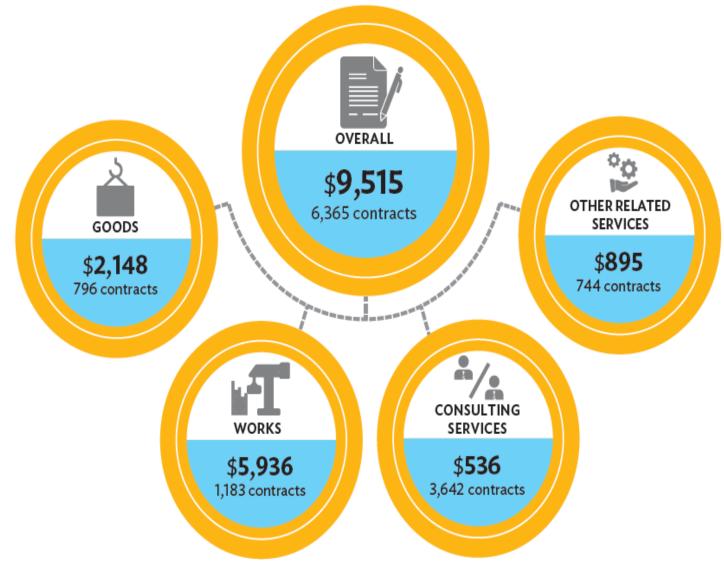


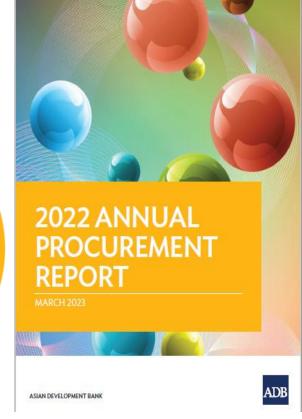


Source: Asian Development Bank



Sovereign Lending Procurement - 2022







Source: Asian Development Bank, PPFD.



ADB Project Cycle

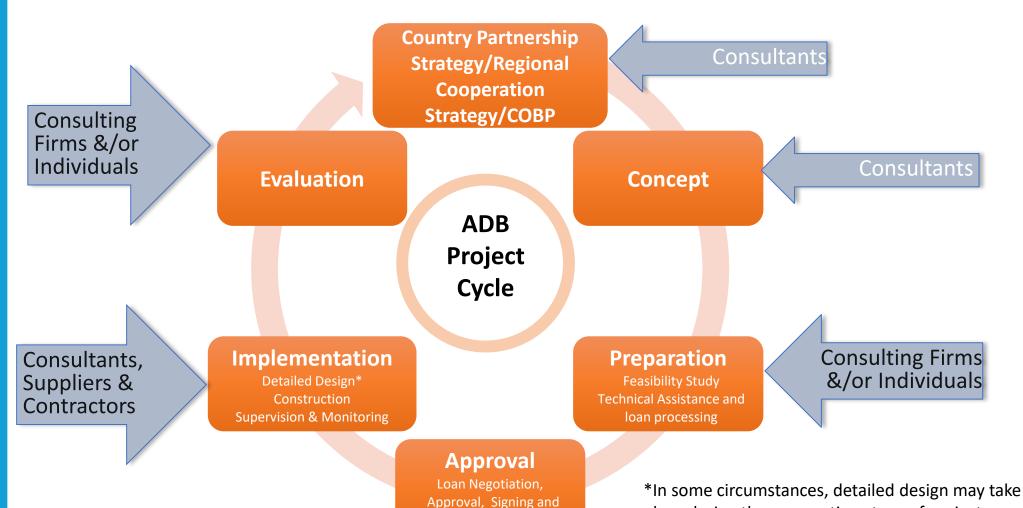
www.adb.org/news/videos/adbs-project-cycle

 The various stages from country programming to project completion and evaluation are known collectively as ADB's project cycle. Documents produced in the course of a project are disclosed throughout the project cycle according to the disclosure requirements specified under the <u>Access to</u> <u>Information Policy</u>.





When is Private Sector engaged in ADB Projects?



Effectiveness



place during the preparation stage of projects



ADB Procurement Framework









ADB Procurement Framework

The ADB procurement framework consists of the *ADB Procurement Policy* (the Policy), the *Procurement Regulations for ADB Borrowers* (the Regulations), the *Staff Instructions* (SI), and associated guidance notes (GN).

- (i) ADB Procurement Policy: Approved by ADB Board of Directors, the Policy specifies ADB's six core procurement principles and various considerations relevant to their implementation in ADB financed operations.
- (ii) The Regulations: Approved by ADB Management, the Regulations provide choices for Borrowers to allow them to determine the most appropriate procurement method, specify the rules that must be followed and set out ADB's procurement due diligence function.
- (iii) The Staff Instructions: "Approved by the Procurement, Portfolio and Financial Management Department (PPFD). Staff Instructions define the roles and responsibilities of ADB staff in implementing the Policy and Regulations, including the procurement decision authorities and service standards. They also set out the procurement procedures and practices to be applied by ADB Borrowers."
- (iv) The Guidance Notes: "Approved by PPFD, Guidance Notes provide more details to ADB Borrowers to give best practice advice and assist them in implementing various procurement methods and modalities."



ADB Core Procurement Principles

Principl	le	Outcomes
Fairn	ess	Equal opportunity; equitable distribution; and credible mechanisms for addressing procurement-related complaints.
Econ	omy	Using price, quality, and any nonprice attributes to deliver viable projects.
Effici	ency	Ensures procurement processes are proportional to value and risks.
Trans	parency	Deliver relevant procurement information publicly in a consistent and timely manner; appropriate reporting; and confidentiality.
Quali	ty	Structured arrangements delivering appropriate outputs in an effective manner to achieve project outcomes and objectives.
Value Mone		Obtain optimal benefits through effective, efficient, and economic use of resources.





Fitness for purpose

"One size does not fit all"

Fitness for purpose requires procurement arrangements to appropriately reflect the strategic needs and circumstances of the situation. In case a standardized approach cannot effectively and efficiently meet project outcomes and development objectives, including in capacity-constrained environments, a customized approach may be adopted, entailing transaction-specific methods and documentation.



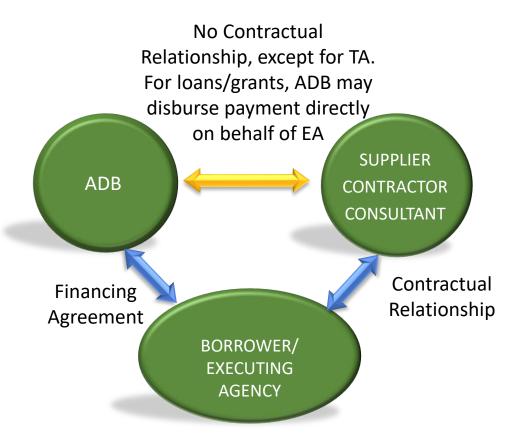


Relationships, Roles, and Responsibilities in Procurement

The Borrower (Executing Agency) is responsible for procurement of goods, works and services

ADB (under TAs) or Borrower select and recruit Consultants

ADB reviews the procurement activities of EAs to ensure that proceeds of its financing are used in accordance with the bank's rules. This is done on either a prior review or post-review basis





*Two primary "streams" of procurement:

- 1) ADB Technical Assistance (ADB = buyer)
- 2) ADB-financed projects (borrower = buyer)



Types of Opportunities in ADB-Financed Projects

- Supply of goods
 - Machinery, equipment, computers, furniture
- Civil works
 - Roads, railways, bridges, irrigation canals, schools, power plants, pump stations, water treatment plants, heating plants, airports, etc.
- Consulting services
 - Project Management Consultant (PMC), Design & Site Supervision Consultant (DSC), Master Planning, Project preparation, Advisory, Knowledge Products, Financial Management
- Non-consulting services
 - Surveys, training, translation, event management





How Contracts are Procured for Goods and Works

ADB Standard Bidding Documents

- Goods
- **Small Works**
- Large Works
- Plant Design, Supply and Installation
- Design-Build-Operate
- **IT Products and Services**
- Pre- qualification
- Request for Quotation

Procurement Methods

- 1 Stage 1 Envelope
- 1 Stage 2 Envelope
- 2 Stage bidding

Evaluation Methods

- Most Economical Bid
- Life Cycle Costing
- **Merit Point Scoring**



Open competitive bidding is ADB's default approach for procurement 18



TA Consulting Vs Loan/Grant Consulting

ADB is the Client.

Direct payment by ADB

Contracts governed by UK law

Provision of Privileges and Immunities (expert on mission).

Tax Exemption in project country*

Complaints to ADB

- Borrower is the Client
- ADB in oversight role
- Client pays (ADB may do on behalf)
- Law of borrower's country generally applies
- Contracts subject to tax
- Complaints to borrower, may copy ADB



* If the country where the work is being undertaken has reserved the right to tax their own nationals, any local sub-consultants or individual experts may be subject to tax.



Types of Consultants





Consulting Firms Inc

Individual Consultants

Technical Assistance, Loans and Grants



Recruitment may be national or international

- International consultant may be for any ADB member country
- A firm is considered national if it is legally incorporated in that DMC
- An individual is national if a citizen of the DMC or, if a national from another member country, he/she legally resides and works in that DMC.





Procurement Methods to Recruit Firms





Informational video, procedures, and reference guide available at https://www.adb.org/news/videos/working-adb-time-money



Why to Pursue ADB-Financed Contracts?



Gateway to new opportunities in fast growing emerging economies across multiple sectors



Availability of funds is assured



Internationally accepted procurement procedures



Risks related to transparency, fairness and integrity of procurement processes mitigated through ADB supports and review process





Tips when considering ADB-financed projects/assignments

- Gather pertinent business intelligence. Access to information regarding
- Prioritize a strong track record and reputation for successful work.
- Familiarize yourself with the country, project, and client requirements.
- Monitor bidding opportunities subscribe to alert services.
- Ability to operate in countries that generally do not generate bidder interest.

- Access to information regarding availability of key inputs: materials, labor, equipment.
- Thoroughly review the bidding documents, understanding the procurement method and evaluation criteria.
- Collaborate with firms that can boost qualifications or offer subcontracting opportunities if a contract is already awarded or can subcontract the works.
- Request clarifications in writing.

ASK QUESTIONS





Common Mistakes in preparing bids

- Bids not signed or Bids signed by a person who is not authorized signatory
- No Bid Security or Bid Securing Declaration (if required)
- Insufficient Amount of Bid Security, Incorrect Validity Period
- Lack of Supporting Documents (JV Agreements, Audited Financial Statements, Past Performance Certificates)
- Incomplete Bids / Partial Bids
- Absence of test reports (if required) as per bidding documents
- Inclusion of financial offer with technical offer where bid conditions require them to be separated (i.e. under 1S2E bid procedure)
- Failure to provide a Signed letter of Bid, a correct Bid Validity Period and the required Bid Security or Bid Securing Declaration and Priced BOQs are grounds for immediate disqualification of the Bid.
- Minor omissions to the documents required by the Bidding Documents may be clarified. Multiple minor omissions may add up to a major omission and if clarified would give the Bidder an unfair advantage







What NOT to do

- Failure to disclose conflict of interest (e.g., employees from EA included in a proposal)
- Firm or JV partners not from an ADB member country
- Submitting proposal late
- Failure to respond to client requirements
- Conditional bids
- Incomplete/noncompliant bids, e.g., missing bid security, letter of bid not signed, JV agreement missing, bid envelopes not properly marked, etc.
- Integrity violations in the bidding process

When in doubt, always seek written clarification





Debriefing and Complaints

Debriefing:

- Unsuccessful bidders may request debriefing from the procuring entity (the EA or ADB). If they are not satisfied with the explanation given, they may submit a complaint.

 Debriefings are an excellent learning opportunity for future bids!

Complaints:

- Bidders may file complaint directly with ADB and may copy ADB on correspondence with EAs.
- Complaints to ADB should be submitted through online form: https://www.adb.org/forms/complaints

How to report fraud:

www.adb.org/site/integrity/how-to-report-fraud





Finding Business Opportunities

Long-term planning

Country

- Country Partnership Strategy (CPS)
- Country Operations Business Plan (COBP)

Sectors

- Projects
- Procurement Plans

Short-term planning

- Specific Procurement Notices
 - Invitation for Prequalification
 - Invitation for Bids

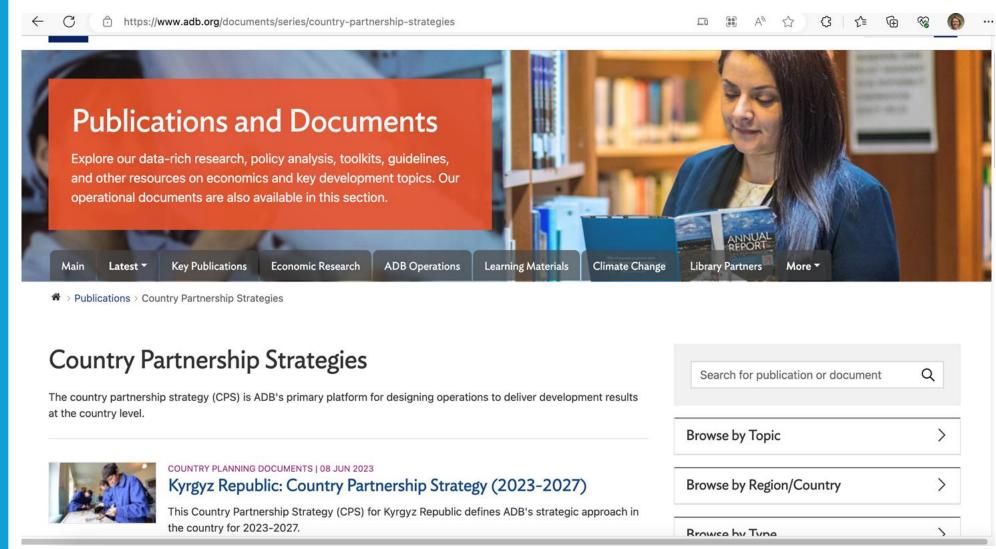
- Hop-on Opportunities
 - Prequalified Contractors
 - Contracts Awarded





Country Partnership Strategies

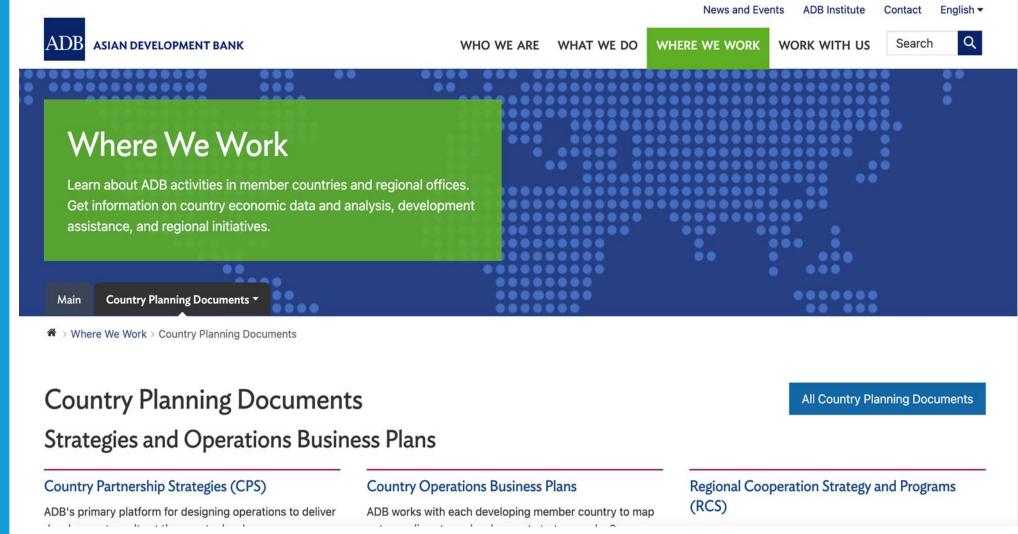
https://www.adb.org/documents/series/country-partnership-strategies







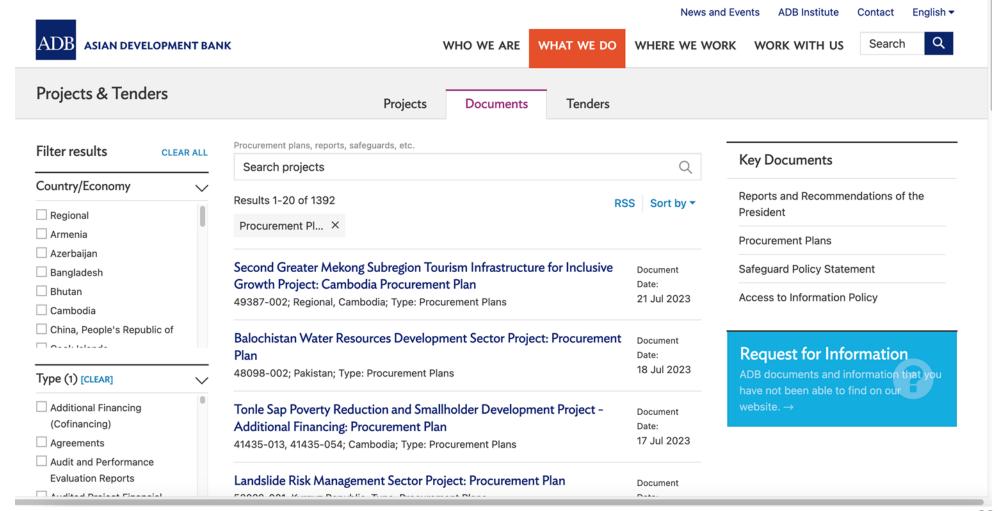
Country-specific information www.adb.org/countries/documents/main







Procurement Plans www.adb.org/projects/documents/doctype/Procurement%20 Plans







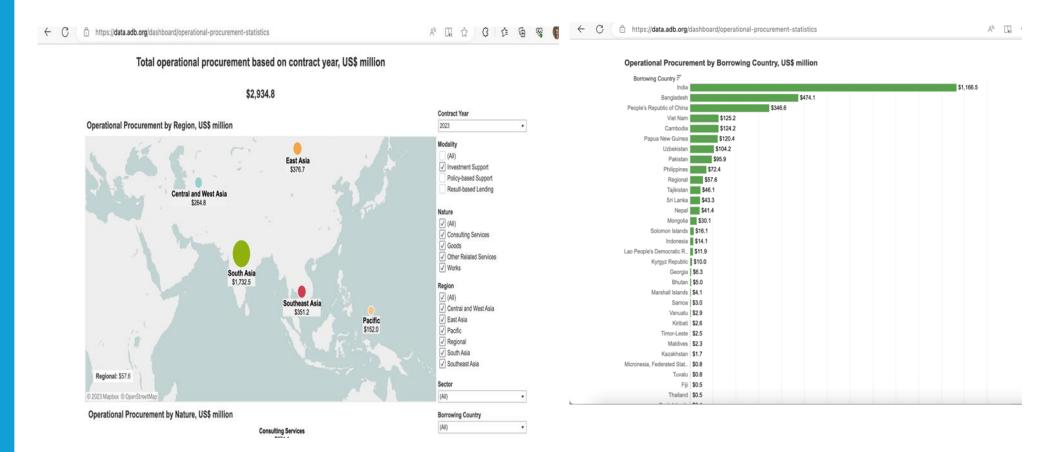
Tenders www.adb.org/projects/tenders

			News and	d Events ADB Institute Contact English ▼
ADB ASIAN DEVELOPMENT BA	NK WHO WE ARE WHA	AT WE DO	WHERE WE WO	RK WORK WITH US Search Q
Projects & Tenders	Projects Documents	Tenders		
Filter results	Procurement of goods, works, and consulting services			VD.
	Search tenders		Q	Key Documents
Country/Economy	Results 1-20 of 33839	RS	SS Sort by •	Procurement Plans
Regional				Procurement Policy
Afghanistan	Air Quality Capacity Building Expert	Status:	Deadline:	Dragurament Degulations
☐ Armenia ☐ Azerbaijan	51347-001; Regional; Water and other urban infrastructure and services; Posting date: 21 Jul 2023	Active	27 Jul 2023	Procurement Regulations
Bangladesh	Notice Type: Individual - Consulting			
☐ Bhutan	manada condumy			Shortlisted Firms -
☐ Brunei Darussalam	National Finance Sector Specialist (editor and researcher for	Status:	Deadline:	Consulting Services
O	CW and SA))	Active	27 Jul 2023	See the list →
Contain	55081-001; Regional; Multisector; Posting date: 21 Jul 2023			
Sectors	Notice Type: Individual - Consulting			
Agriculture, natural resources				Business Center
and rural development	Procurement Specialist	Status:	Deadline:	All you need to work with us in one
☐ Education	52201-001; Papua New Guinea; Transport; Posting date: 21 Jul 2023	Active	27 Jul 2023	place. →
☐ Energy	Notice Type: Individual - Consulting			
Finance				





Operational Procurement Statistics Dashboard (ProcDash)



https://data.adb.org/dashboard/operational-procurement-statistics





Goods – top ranking of source countries

	Procurement Ranking – Goods									
	2017	2018	2019	2020	2021	2022				
1	PRC	PRC	IND	IND	PRC	IND				
2	IND	BAN	PRC	PRC	BAN	PRC				
3	SWE	IND	USA	INO	PHI	HKG				
4	INO	SWE	BAN	TUR	IND	BAN				
5	BAN	VIE	VIE	HKG	DEN	SIN				





Civil Works - Ranking

Procurement Ranking – Works

	2017	2018	2019	2020	2021	2022
1	PRC	PRC	PRC	IND	IND	PRC
2	IND	IND	IND	PRC	PRC	KOR
3	KOR	BAN	BAN	PHI	VIE	IND
4	BAN	GER	INO	BAN	PAK	SPA
5	VIE	PAK	PAK	PAK	INO	PAK





Consulting Services - Ranking

Procurement Ranking – Consulting Services

	2017	2018	2019	2020	2021	2022
1	AUS	KOR	IND	USA	IND	IND
2	KOR	IND	AUS	KOR	INO	AUS
3	IND	FRA	USA	IND	JPN	BAN
4	USA	UKG	GER	INO	FRA	KOR
5	PHI	AUS	FRA	AUS	AUS	UKG





Top 5 Contractors/Suppliers from the United States Involved in Goods, Works, and Related Services Contracts under ADB Loan and Grant Projects, 1 January 2018–31 December 2022

Contractor/Supplier	Sector	Contract Amount (\$ million)
Progress Rail Locomotive Inc.	TRA	135.34
United Nations Childrens Fund	ANR, HLT,	41.20
SubCom LLC	ICT	41.39 12.30
Astrophysics Inc.	TRA	5.37
Sheladia Associates Inc.	ANR	3.23
Others		5.78
Total		203.41

ANR = agriculture, natural resources, and rural development; HLT = health; ICT = information and communication technology; TRA = transport; WUS = water and other urban infrastructure and services.







Consultant	Sector	Contract Amount (\$ million)
T.Y. Lin International	TRA	58.81
Sheladia Associates Inc.	ANR, ENE, TRA	19.78
HJI Group Corp.	ANR, EDU, ENE, HLT, IND, WUS	16.90
Tetra Tech ES Inc.	ENE, MUL	8.69
NRECA International	ENE	4.79
Individual Consultants		51.20
Others		53.96
Total		214.13

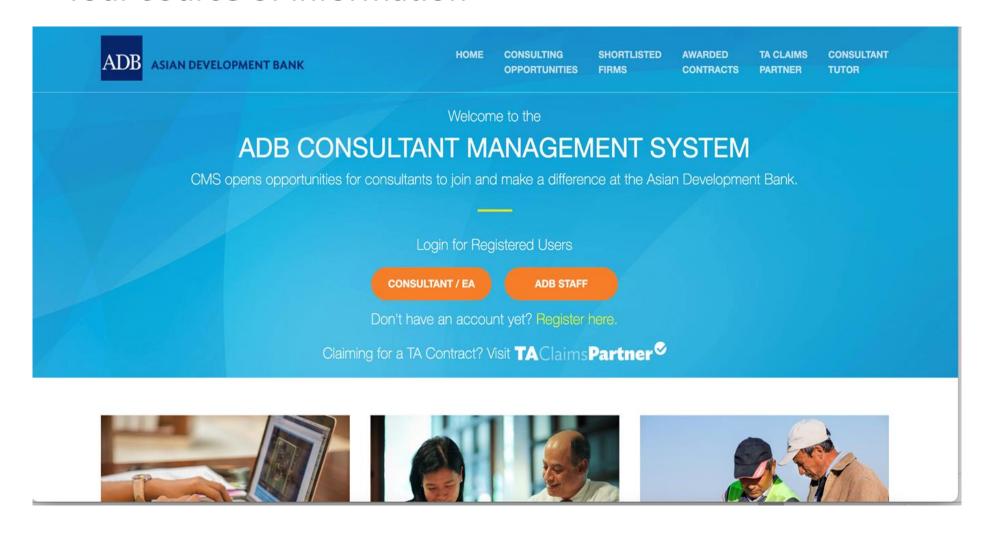
ANR = agriculture, natural resources, and rural development; EDU = education; ENE = energy; HLT = health; IND = industry and trade; MUL = multisector; TRA = transport; WUS = water and other urban infrastructure and services.





ADB Consultant Management System

Your source of information







ADB Consultant Management System



OME CONSULTING

SHORTLIST

WARDED ONTRACTS A CLAIMS

CONSULTANT



Search Consulting Opportunities

Get detailed information on consulting services requirements and send expression of interests (EOIs) for ADB-financed or administered projects.



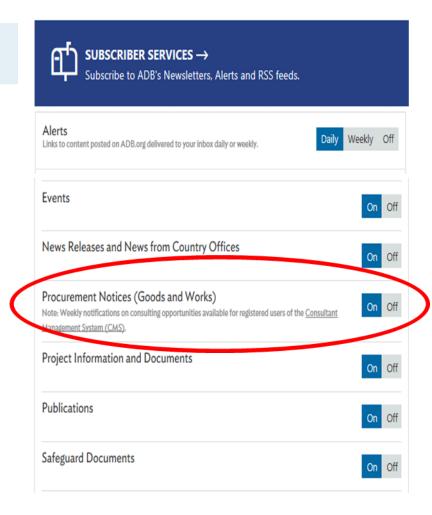
View Shortlisted Firms

ADB publishes the names and contact details of firms invited to submit proposals. This is for the information of consultants who wish to associate with them. Interested consultants should contact the firms directly.



View Awarded Contracts

ADB Project contracts that are awarded to consulting firms are disclosed to the public. Visit the page to view the list of contracts awarded to consulting firms, along with associated contract details.







Goods & Works Notices: https://alerts.adb.org



Consulting services recruitment notice (CSRN)

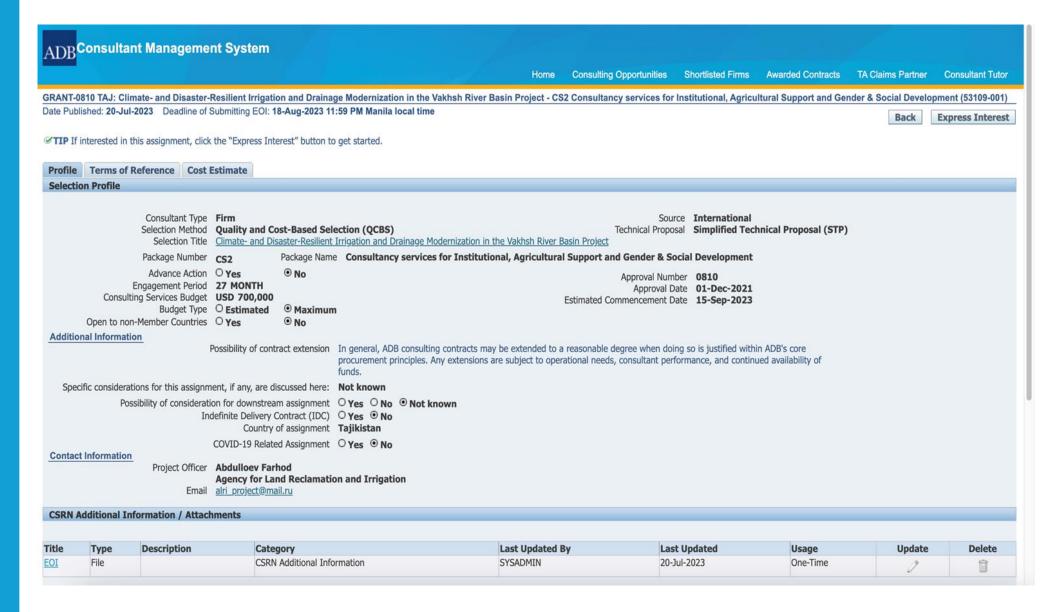
ADB Consultant Management System								
ADD		H	ome Consulting Opportunities	Shortlisted Firms	Awarded Contrac	ts TA Clair	ns Partner C	Consultant Tutor
Consulting Opportunities Consulting Services Recruitment Notices (CSRN) CSRN provides detailed information on the consulting so the provided by entering keywords to search by expertise.	services required for ADB-f	inanced or administered projects, inc	cluding terms of reference. Filter	on specific advert	isements of intere	st by ticking t	he appropriate	checkboxes or
Refine by <u>Clear All</u>	Search by Expertise		Go					
COVID-19 Related Assignment						③ P	revious 1-25	∨ Next 25 ⊘
Yes (33) No (147)	Project		Expertise	Consultant Type	Engagement Period (Months)	Published	Deadline (Manila local time)	View CSRN
Consultant Type		Hezhou Environment Restoration and Project - CS-03 External Resettlement 84-001)	External Resettlement and EMDP Monitoring	Firm	58	21-Jul-2023	19-Aug-2023 11:59 PM	Пф
Individual (130)		Hezhou Environment Restoration and Project - CS-02 External Environment	Environmental Monitoring	Firm	58	21-Jul-2023	19-Aug-2023 11:59 PM	ı.
☐ Eligibility of Consultant Country ☐ Open to Member Countries Only (180)		Hezhou Environment Restoration and Project - CS-01 Project Management and	Project Management and Implementation Support	Firm	58	21-Jul-2023	19-Aug-2023 11:59 PM	
Non-Member Countries Allowed (0)	GRANT-0810 TAJ: Climate- Drainage Modernization in	and Disaster-Resilient Irrigation and the Vakhsh River Basin Project - CS2 stitutional, Agricultural Support and	Institutional development, Agricultu Development, Gender and Social Development	ral Firm	27	20-Jul-2023	18-Aug-2023 11:59 PM	100
Less than 3 months (9) 3 months to 1 year (100)	LOAN 54256-001 INO: Hor	ticulture Development in Dryland Areas ection of Consulting Services for Project	Agriculture	Firm	54	16-Jul-2023	14-Aug-2023 11:59 PM	
☐ More than 1 year (71)		ticulture Development in Dryland Areas ection of Consulting Services for District D Jawa Region 2	Agriculture	Firm	54	14-Jul-2023	12-Aug-2023 11:59 PM	1
+ Country	Growth in Maharashtra - C	ng Economic Clusters for Inclusive ECIGM/QIIS(GESI) QUALITY MENT SUPPORT (GESI) (52298-002)	Quality Infrastructure Investment Consultant	Firm	24	14-Jul-2023	12-Aug-2023 11:59 PM	ıığı
+ Engagement Type	LOAN 54256-001 INO: Hor	ticulture Development in Dryland Areas action of Consulting Services for District	Agriculture	Firm	54	14-Jul-2023	12-Aug-2023 11:59 PM	
+ Selection Method Consultant Source	TA-10012 NEP: Supporting Strengthening Education P	the School Education Sector Plan - lanning, Budgeting and Financial ion Sector Plan (49424-002)	Education Planning, Budgeting and Financial Reporting in School Educat Sector Plan	Firm	36	21-Jul-2023	11-Aug-2023 04:00 PM	iğ.





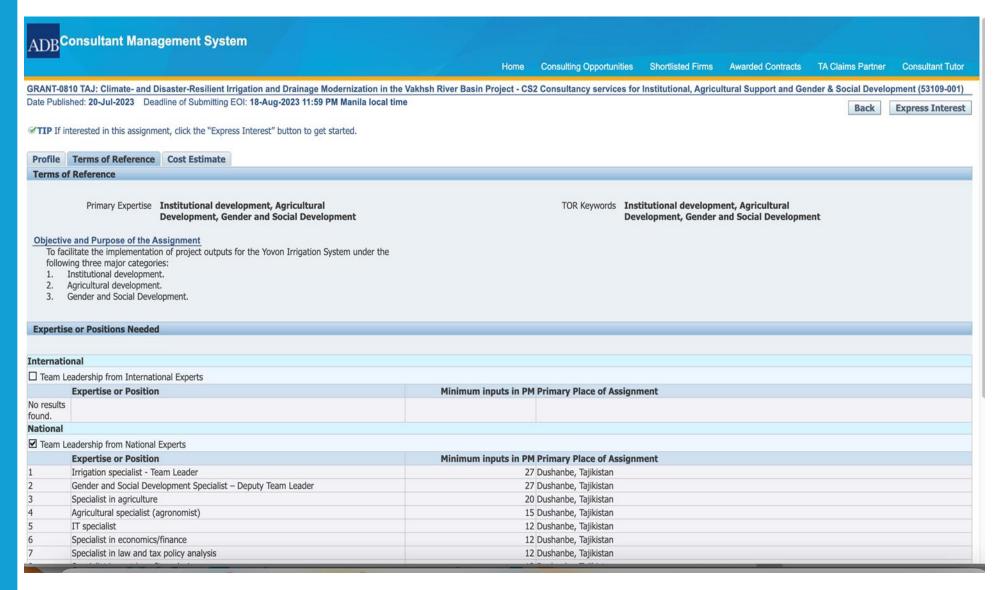
BUSINESS OPPORTUNITIES

CSRN - Profile





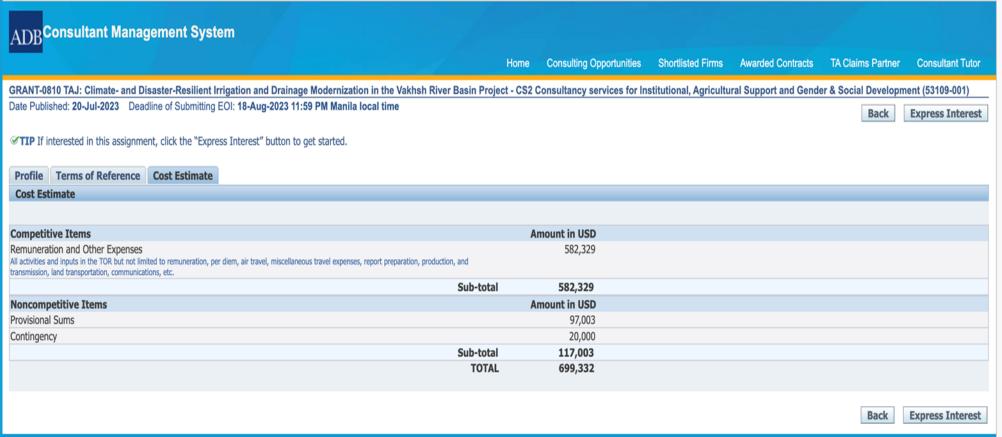
CSRN – Terms of Reference







CSRN – Budget information/ Cost estimates







Shortlisted firms – Current selections

ADB Consultant Management System

Home Consulting Opportunities Shortlisted Firms Awarded Contracts TA Claims Partner Consultant Tutor

Shortlisted Firms

ADB makes this information available for consultants who may wish to deal directly with a shortlisted Consultant. Consultants interested in participating as a joint venture partner or sub-consultant entity with a shortlisted consultant should not contact ADB but should get in touch with the consultant directly. Filter on specific contracts by ticking the appropriate checkboxes. Only projects for which the deadlines for submitting proposals have not yet expired will be shown.

Click the All Selections to filter to specific shortlisted Consultants by entering search parameters and clicking Search.

Refine by

Clear All

Refine by	<u>Clear All</u>
<u>Country</u>	
Select All Select None	
Regional (10)	
Armenia (1)	
Bangladesh (1)	
China (1)	
Georgia (2)	
☐ Lao People's Democratic Republic (1)	
☐ Mongolia (1)	
Myanmar (1)	
Pakistan (1)	
Sri Lanka (1)	
☐ Hzhekistan (1)	
Sector	
Select All Select None	
Agriculture, natural resources and rura development (4)	ıl
Education (1)	
Energy (2)	
Finance (3)	
☐ Health (0)	
☐ Industry and trade (0)	
Information and communication technical	ology

Country	Project	Sector	RFP Issuance Date	Deadline for Submission of Proposals (Manila local time)	View Shortlist
Pakistan	TA No. 6886: Gas Storage Development Systems (55170-002)	Energy	06-Jan-2023	31-Oct-2023	пф
Myanmar	LOAN No. 3984: Yangon City, Water Resilience Project - CS-01 Project Management Consultant (52176-001)	Water and other urban infrastructure and services	27-Jan-2021	04-Sep-2023	П
Regional	TA No. 6884: Support for Secretariat Role for the Sub-Sector Working Group on Irrigation (55113-001)	Agriculture, natural resources and rural development	12-Jul-2023	14-Aug-2023	114
Regional	TA No. 6943: Creating an Enabling Environment for Localizing the Sustainable Development Goals in Asia and the Pacific - Local Sustainable Development Goal (SDG) Monitoring System (56060-001)	Multisector	19-Jul-2023	14-Aug-2023	ııŞ.
Regional	TA No. 9976: Pacific Urban Development Investment Project Enhancement and Capacity Development Facility-Samoa Water Supply Masterplan and Investment Priorities Study - Samoa Water Supply Masterplan and Investment Priorities Study (54010-001)	Water and other urban infrastructure and services	27-Jun-2023	09-Aug-2023	
Lao People's Democratic Republic	TA No. 6960: Enhancing Debt Management and Transparency - Firm 1 Consultancy Firm for Outputs 2 and 3 (55068-001)	Public sector management	04-Jul-2023	08-Aug-2023	
Viet Nam	TA No. 6997: VinFast Trading and Production Joint Stock Company: Mainstreaming Electric Vehicles to Reduce Greenhouse Gas Emissions - Package 4: EV lithium ion battery supply chain diversification, EV used battery repurposing /recycling, and job creation opportunities along the EV supply chain in Viet Nam (55327-002)	Transport	11-Jul-2023	07-Aug-2023	ii de
Armenia	TA No. 6959: Viability Assessment for Potential Wind Power Electricity Generation Projects - Consulting firm (55332-001)	Energy	20-Jun-2023	04-Aug-2023	II P
Regional	TA No. 9292: Strengthening Project Preparation Capacity in Asia and the Pacific - Supporting Preparation of Infrastructure Projects with Private Sector Participation in Asia Pacific (Supporting Investable)	Multisector	10-Jul-2023	04-Aug-2023	





Historic information – shortlisted firms

ADB^{Consu}	Iltant Management System						
		Home	Consulting Opportunities	Shortlisted Firms	Awarded Contracts	TA Claims Partner	Consultant Tutor
Shortlisted	l Firms						
	information available for consultants who may wish to deal directly with a shortlisted Consultand not contact ADB but should get in touch with the consultant directly. Filter on specific contranown.						
lick the All Selec	ctions to filter to specific shortlisted Consultants by entering search parameters and clicking Se	earch.					
Ongoing Reques	ests for Proposals All Selections						
Projec	ort .						
<u>Consu</u>	Project Type Project Number Project Name Country Sector Deadline for Submission of Proposals From To Interpret Name Country of Incorporation Search Reset						
						S Previous 1-	
Country	Project	Se	ctor	RFP Issuance Date		Submission of Propo ime)	sals View Shortlist
akistan	LOAN No. 51249-004: Khyber Pakhtunkhwa Water Resources Development Project	Agrur	riculture, natural resources and al development				
lepal	GRANT No. 0361: Project Preparatory Facility for Energy - Consulting Services for Power Transmission Planning, Feasibility Study and Project Preparation for Major Cities of Nepal (47036-001)	System En	ergy				114
Pakistan	TA No. 6886: Gas Storage Development Systems (55170-002)	Ene	ergy	06-Jan-2023	31-Oct-2023 0	14:00 PM	
Myanmar	LOAN No. 3984: Yangon City Water Resilience Project - CS-01 Project Management Consultant (52176		ter and other urban astructure and services	27-Jan-2021	04-Sep-2023 (04:00 PM	пф
Regional	TA No. 6943: Creating an Enabling Environment for Localizing the Sustainable Development Goals in A the Pacific - Local Sustainable Development Goal (SDG) Monitoring System (56060-001)	sia and Mu	ltisector	19-Jul-2023	14-Aug-2023 (04:00 PM	ı





Awarded Contracts



Basic Search Advanced Search

Home Consulting Opportunities Shortlisted Firms Awarded Contracts TA Claims Partner Consultant Tutor

Awarded Contracts - Consulting Services

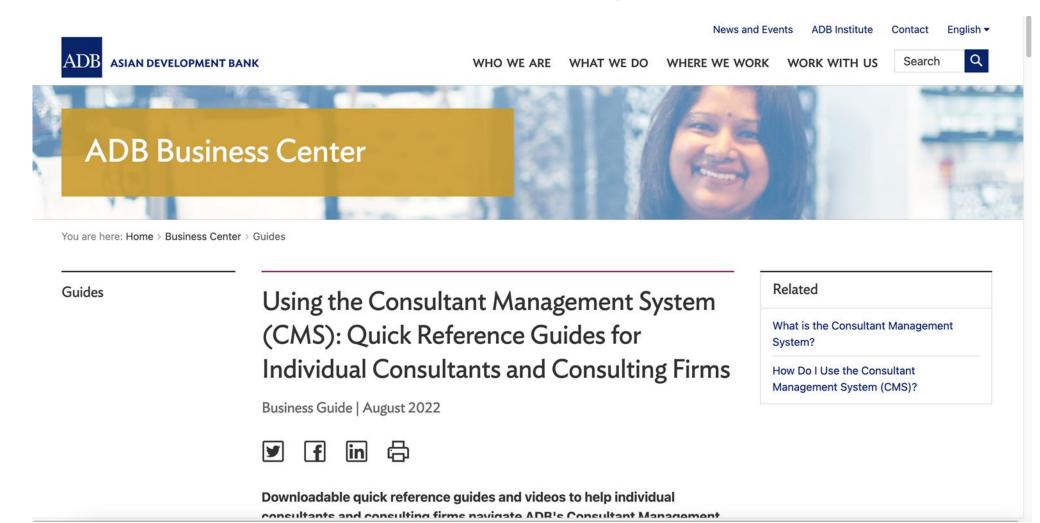
This page lists the consulting firm contracts awarded for consulting services. ADB makes this information available for public disclosure. Filter on specific contracts by ticking the appropriate checkboxes. By default, contracts awarded in the last 365 days are displayed. The search range can be further adjusted by clicking **Change Filter**.

Click the Advanced Search to filter to specific consulting firm contracts by entering search parameters and clicking Search.

Refine by Clear Al	1						Next 20 🧟
Contract Date From 21-Jul-2022	Country	Project Name	Executing Agency	Consultant Name	Contract Date	Contract Amount (USD) Sector	View
To 20-Jul-2023 Change Filter	Regional	TA-6983 REG: Accelerating Climate Transitions through Green Finance in Southeast Asia - Engagement 2b: Technical Screening Criteria for 1 focus sector and Primary Data	Asian Development Bank	DNV GL (Thailand) Co., Ltd. (Thailand) in association with DNV GL Business Assurance Australia Pty Ltd (Australia)	18-Jul-2023	109,967.00 Finance	10
Project Country		Collection (56186-001)					
Select All Select None Regional (151) Armenia (1) Azerbaijan (1) Bangladesh (14)	Regional	TA-6958 REG: Assessing the Armenia's capacity of hosting high- level international events on climate action (Armenia to host COP 29) - Knowledge Network Services (55363- 001)	Asian Development Bank	Spherical Origins GmbH & Co. KG (Germany)	18-Jul-2023	15,000.00 Public sector management	100
Bhutan (2) Cambodia (2) China (15)	Regional	TA-6904 REG: Capacity Support for Financial Institutions and Operationalization of the ADB Private Sector Window (55364-001)	Asian Development Bank	R.G. Manabat & Co. (Philippines)	17-Jul-2023	218,977.00 Finance	100
Georgia (4) India (18) Indonesia (11) Kazakhetan (2)	Regional	TA-9940 REG: Mainstreaming Impact Evaluation Methodologies, Approaches, and Capacities in Selected Developing Member Countries - Subproject 1 - Endline Survey Firm (53343-002)	Asian Development Bank	MOMODa Foundation (Bangladesh)	17-Jul-2023	50,000.00 Agriculture, natural resources and rural development	100
Select All Select None Agriculture, natural resources and rural development (35)	Pakistan	TA-10073 PAK: Subproject 6: Strengthening Gender Capacity of Pakistan's National Transmission Company (54111-011)	Asian Development Bank	Semiotics Consultants Pvt. Limited (Pakistan)	14-Jul-2023	181,162.00 Energy	ii d
Education (22) Energy (30)	Maldives	TA-9515 MLD: Workshop on the Finding of Reuse of Construction and	Ministry of Finance (formerly Ministry of	Mott MacDonald Limited (United Kingdom)	13-Jul-2023	20,692.00 Public sector management	-



Consultant Tutor – CMS Navigation tool







Useful links

www.adb.org

http://cms.adb.org/

www.youtube.com/user/AsianDevelopmentBank

www.adb.org/news/videos/series/procurement

www.adb.org/business/main

www.adb.org/sites/default/files/adb-procurement-policy.pdf

11th Business Opportunities Fair 2023 | Asian Development Bank (adb.org)



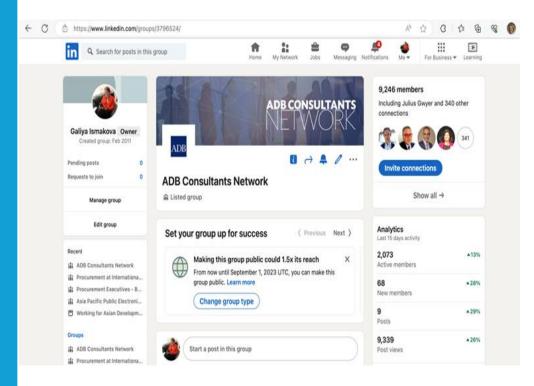


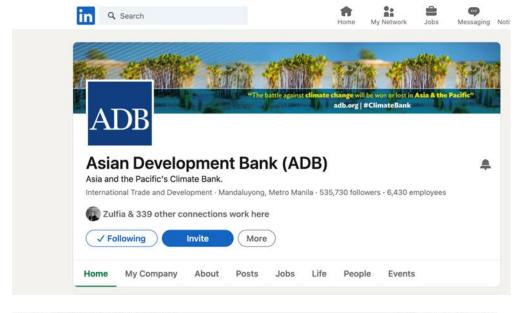
ADB @ LinkedIn

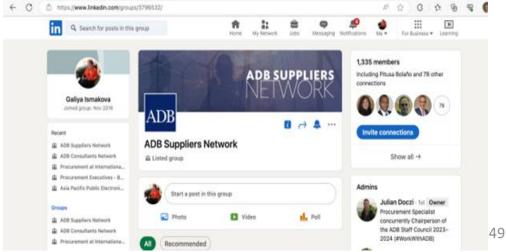
https://www.linkedin.com/company/asian-development-bank/

https://www.linkedin.com/groups/3796524/

https://www.linkedin.com/groups/3796532/











ADB Resource Persons

Galiya Ismakova

Principal Procurement Specialist

Asian Development Bank

gismakova@adb.org

https://www.linkedin.com/in/galiya-ismakova-4a49232b/

Rubina Shaheen

Principal Procurement

Specialist

Asian Development Bank

rshaheen@adb.org

