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ADB



Malaysia Business Opportunities Webinar (Energy Sector Office, Sectors Department)

20 February 2025

Presented by

Catherine Santiago, Energy Sector Office, Sectors Department

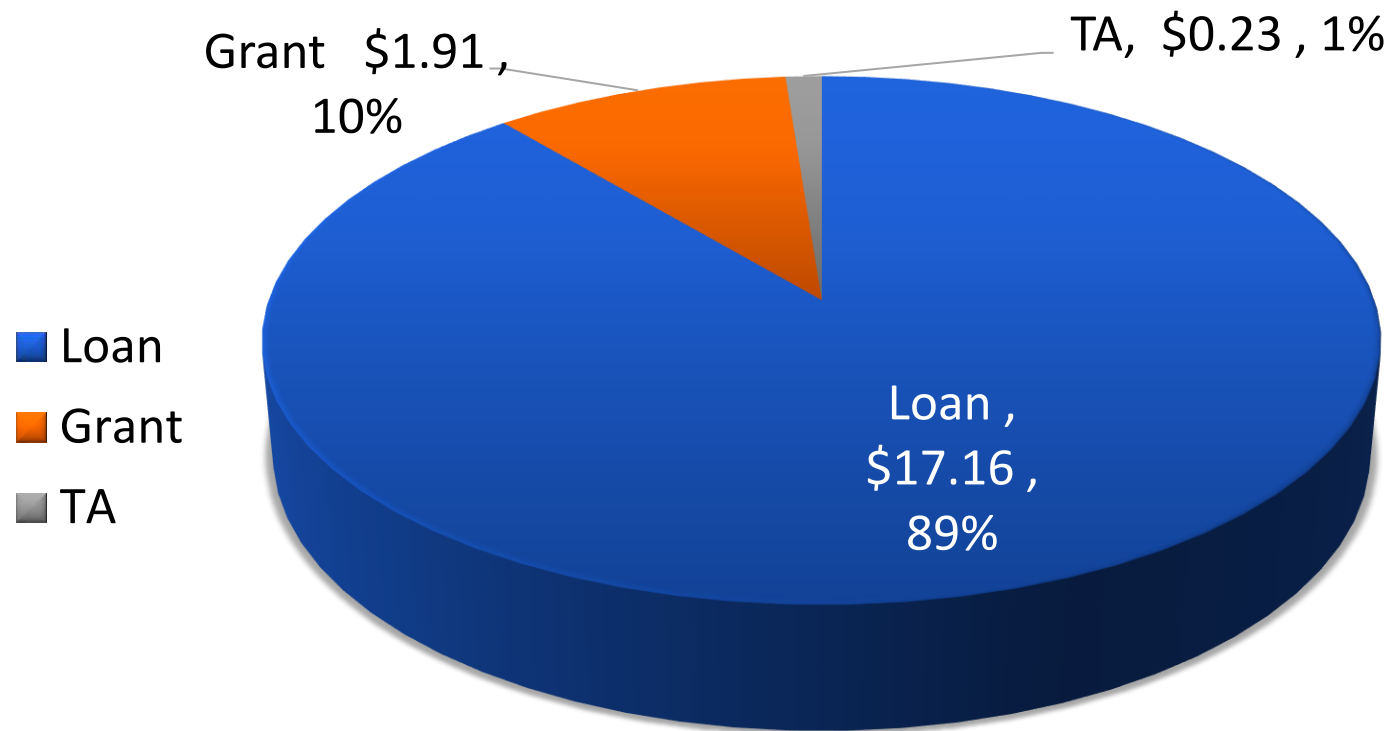
BUSINESS
OPPORTUNITIES 

Energy Sector Ongoing Portfolio



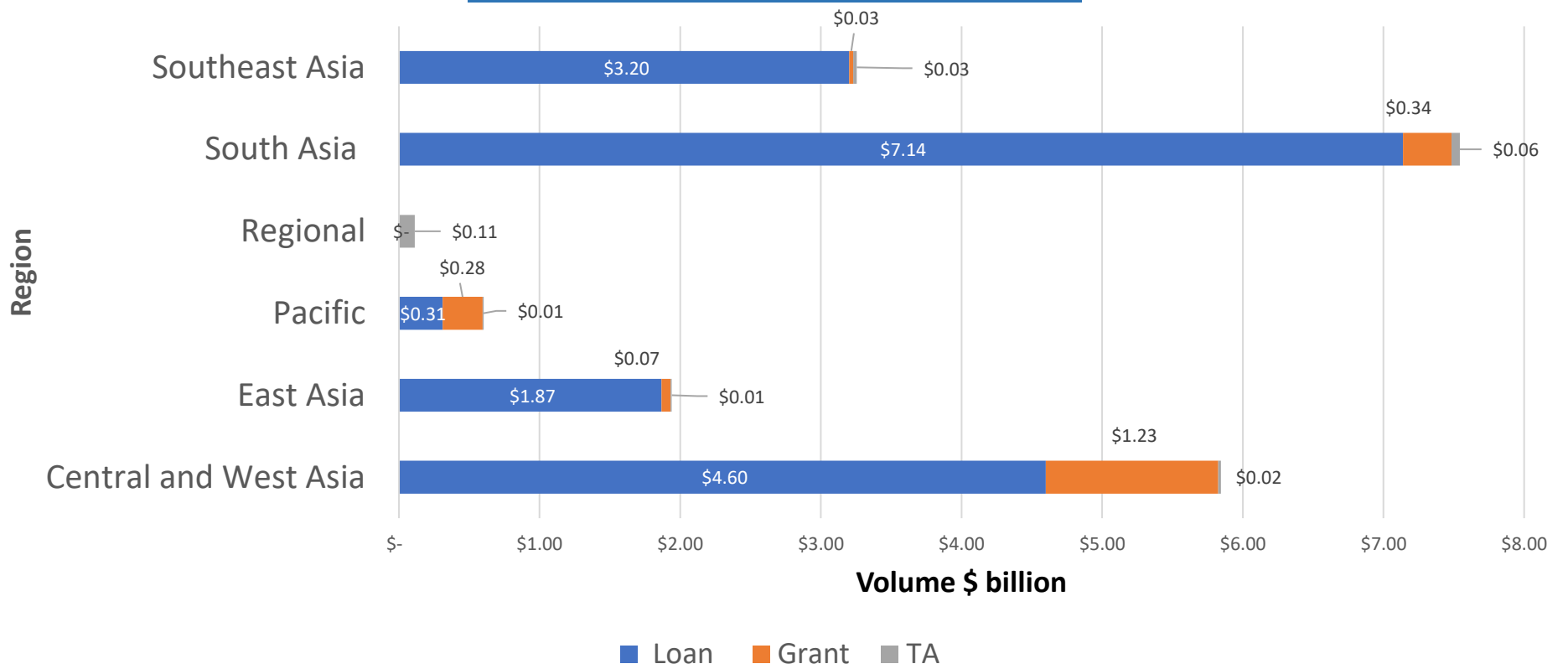
Energy Sector Ongoing Portfolio

\$19.30 billion



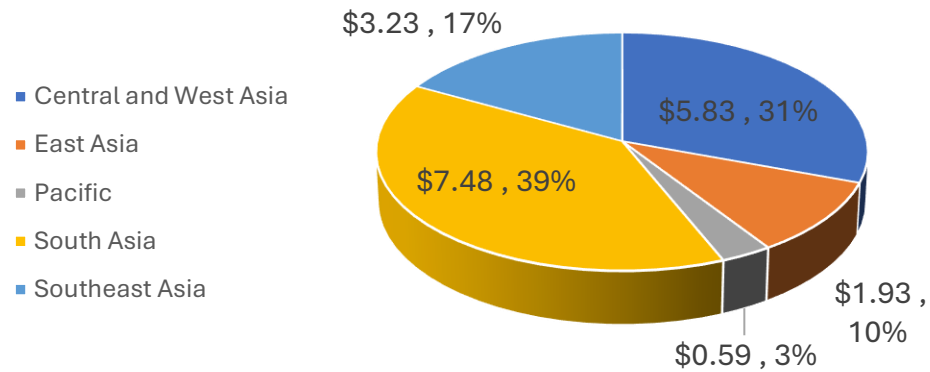
Energy Sector Ongoing Portfolio

Ongoing Portfolio: \$19.30 billion



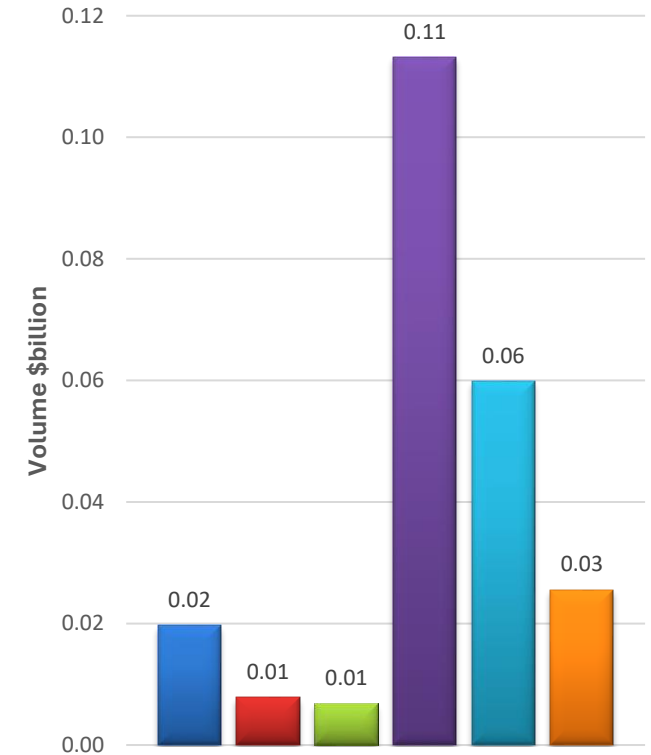
Energy Sector Ongoing Portfolio

Lending Portfolio:¹ \$19.07 billion



¹ Loans and grants included.

Nonlending Portfolio:² \$0.23 billion

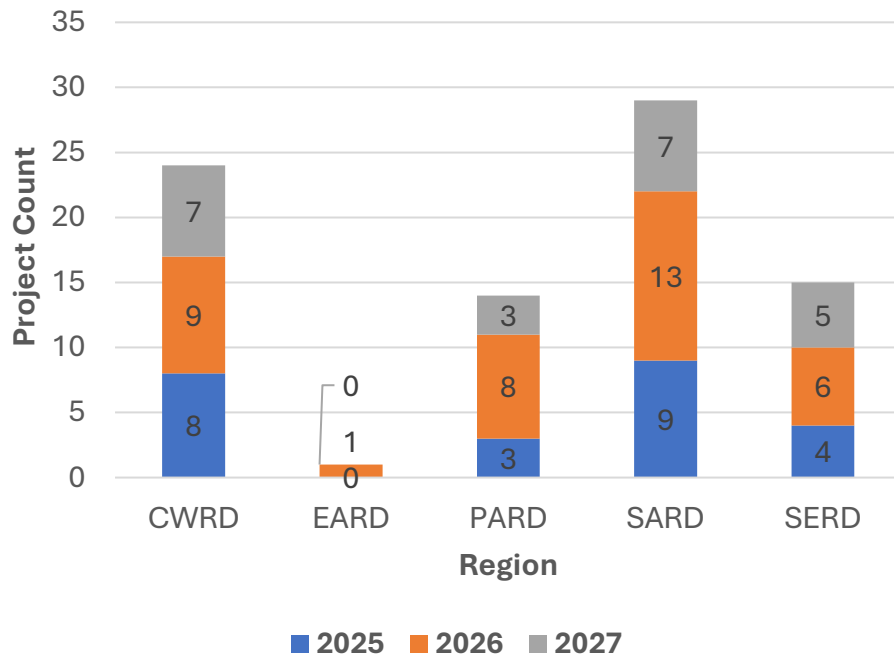


² TAs included.

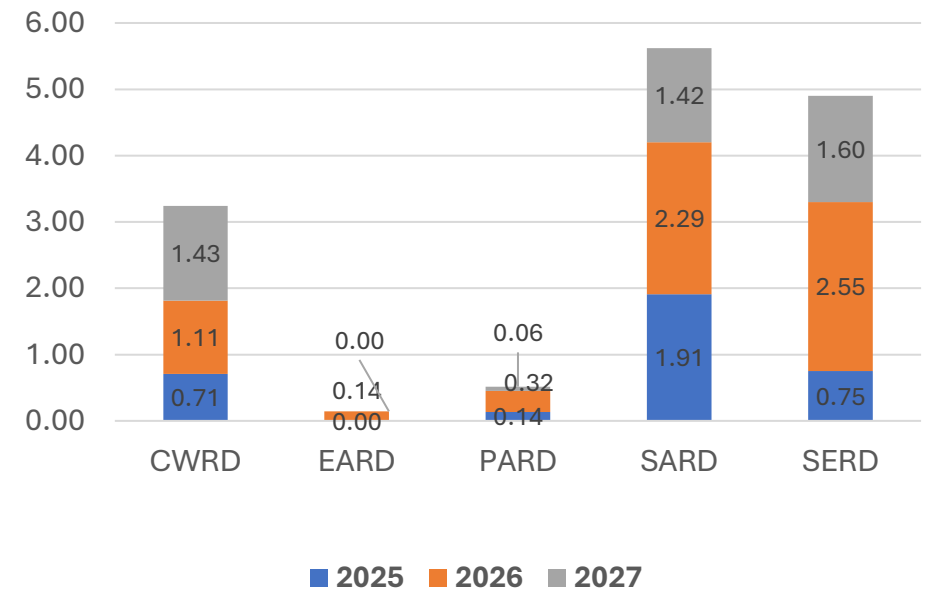


Energy Sector Project Pipeline

2025-2027, INDICATIVE PROJECT PIPELINE
(Number of Projects)



2025-2027, INDICATIVE PROJECT PIPELINE
(Volume)



Energy Sector Project Pipeline

2025 INDICATIVE PROJECT PIPELINE in \$B(Central and West Asia)

Region	DMC	Project Name	Planned Amount	Project Team Lead
CWRD	GEO	Energy Storage and Green Hydrogen Gas Development Project	0.103	Adnan Tareen
CWRD	UZB	Solar PPP Investment Program Tranche2 (Guzar Solar Project)	0.01	Martin Jaer
CWRD	TAJ	Enhancing Sustainability: Financing for the Rogun Hydropower	0.21	Christoph Meindl
CWRD	PAK	Project Green (PCG) One ADB	0.3	Seung Duck Kim
CWRD	KGZ	Renewable energy sector development project (Floating Solar at HPP)	0.0005	Adnan Tareen
CWRD	UZB	UZB: Samarkand 1 Solar PV and BESS Project	0.03	Yun Ji Suh
CWRD	UZB	UZB: Samarkand 2 Solar PV and BESS Project	0.045	Yun Ji Suh
CWRD	UZB	Nukus 2 200 MW Wind Power and BESS Project	0.0075	Martin Jaer
TOTAL (Central and West Asia)			0.706	

Energy Sector Project Pipeline

2025 INDICATIVE PROJECT PIPELINE in \$B (Southeast Asia and the Pacific)

Region	DMC	Project Name	Planned Amount \$billion	Project Team Leader
SERD	INO	Accelerating Indonesia's Clean Energy Transition Program (Phase 1)	0.4700	Daniela Schmidt
SERD	CAM	Energy Transition Sector Development Program (Subprogram 2)	0.0500	Joao Almeida Rocha Carrega Aleluia
SERD	CAM	Grid Expansion for Energy Transition Project	0.0500	Eun Young So
SERD	INO	Geothermal Power Generation Project (Second Additional Financing)	0.1800	Daniel Miller
Total Southeast Asia			0.7500	
Region	DMC	Project Name	Planned Amount \$billion	Project Team Leader
PARD	PNG	Sustainable Energy Sector Development Program, Subprogram 1	0.0500	Peter Baum
PARD	PNG	Sustainable Energy Sector Development Program, Subprogram 1	0.0500	Peter Baum
PARD	PAL	Energy Transition Project (formerly Smart Grid Project)	0.0100	Yuki Inoue
PARD	SOL	Tina River Hydropower Project - Additional Financing	0.0250	Rafayil Abbasov
Total Pacific			0.1350	

Energy Sector Project Pipeline

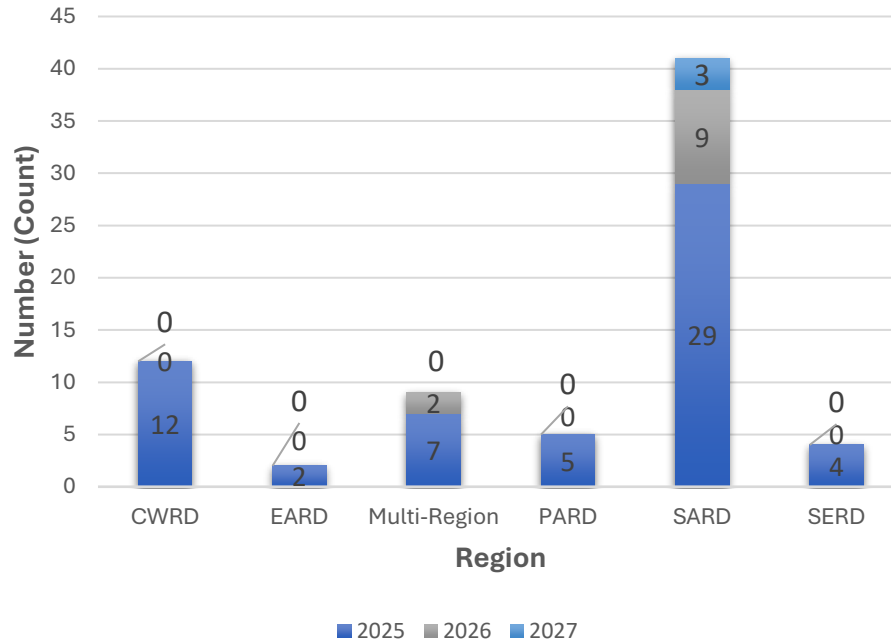
2025 INDICATIVE PROJECT PIPELINE (South Asia)

Region	DMC	Project Name	Planned Amount \$billion	Project Team Leader
SARD	IND	Assam Solar Project	0.4343	Jiwan Acharya
SARD	NEP	Dudh Koshi Hydropower Project (Tranche 1)	0.1666	Jiwan Acharya
SARD	NEP	Dudh Koshi Hydropower Project (Tranche 1)	0.0334	Jiwan Acharya
SARD	IND	Madhya Pradesh Renewable Energy Scaling-up Program	0.0700	David Paixao Morgado
SARD	IND	Power Sector Reform Program (Subprogram 2)	0.2500	Len George
SARD	SRI	Power Sector Reforms and Financial Sustainability Program-Subprogram 2	0.1000	Jaimes Kolantharaj
SARD	IND	Uttar Pradesh Power Distribution Improvement Project-Tranche 2	0.1300	Jiwan Acharya
SARD	BAN	Power Transmission Strengthening and Integration of Renewable Energy Project	0.2000	Choon Sik Jung
SARD	IND	Maharashtra Power Distribution Enhancement Program to Facilitate Agricultural Solarization	0.4900	Jaimes Kolantharaj
SARD	SRI	Rooftop Solar Aggregation and Virtual Net Metering Project.	0.0350	Jaimes Kolantharaj
Total South Asia			1.9093	

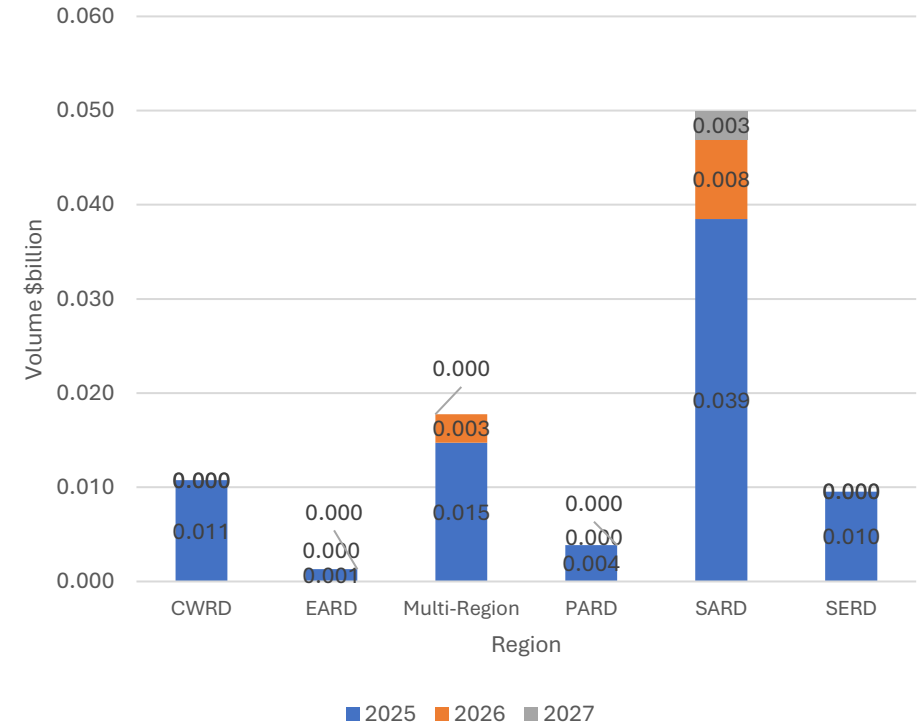


Energy Sector TA Pipeline

**2025-2027 INDICATIVE TA PIPELINE
(Number of TAs)**



2025-2027 INDICATIVE TA PIPELINE (Amount)



Energy Sector TA Pipeline

2025 INDICATIVE TA PIPELINE (East, Central and West Asia)

Region	DMC	Project Name	Planned Amount (\$billion)	Project Team Lead
CWRD	PAK	Smart Technologies for Power Distribution Strengthening Project	0.0010	Seung Duck Kim
CWRD	GEO	(Attached TA) Strengthening Project Development of the Energy Sector (Subproject 3)	0.0004	Adnan Tareen
CWRD	TKM	Preparing the Renewable Energy and Energy Efficiency Project	0.0020	Catherine Santiago
CWRD	TAJ	TA for Hybrid Power Development Studies	0.0007	Daler Qubodbekov
CWRD	AZE	Republic of Azerbaijan: Promoting Heating Sector Decarbonization and Renewable Heat Integration	0.0005	Nana Gurgenidze
CWRD	KGZ	Kambarata-1 HPP Project, Phase 1	0.0010	
CWRD	PAK	Strengthening Regulatory Capacity of Power Sector	0.0010	
CWRD	AZE	Preparing Azerbaijan Railway Company Decarbonization Project	0.0003	Rafayil Abbasov
CWRD	AZE	Preparing Azerbaijan Railway Company Decarbonization Project	0.0010	Rafayil Abbasov
CWRD	KAZ	Supporting Rehabilitations of Almaty Hydropower Plant Cascade	0.0010	Levan Mtchedlishvili
CWRD	KAZ	Supporting Rehabilitations of Almaty Hydropower Plant Cascade	0.0005	Levan Mtchedlishvili
CWRD	UZB	Supporting Infrastructure and Operational Resiliency of Power Distribution Network	0.0005	
CWRD	UZB	Preparation of MFF Deployment of Small Hydropower in Remote Areas	0.0005	
CWRD	KGZ	Promotion of Floating Solar Photovoltaic in Kyrgyz Republic	0.0004	
EARD	MON	Pumped Storage Hydropower	0.0006	Serik Zharkinbayev
EARD	MON	Pumped Storage Hydropower	0.0004	Serik Zharkinbayev
EARD	MON	Supporting Development of Pumped Storage Hydropower	0.0003	Serik Zharkinbayev
TOTAL (Central and West Asia)			0.0108	
TOTAL (East Asia)			0.0013	

Energy Sector TA Pipeline

2025 INDICATIVE TA PIPELINE (Multi-Region)

Region	DMC	Project Name	Planned Amount (\$billion)	Project Team Leader
Multi-Region	CAM	Advancing Just Energy Transition in Asia and the Pacific (Additional Financing - TA10232)	0.0005	Anthony Maxwell
Multi-Region	INO	Advancing Just Energy Transition in Asia and the Pacific (Additional Financing - TA10232)	0.0005	Anthony Maxwell
Multi-Region	PHI	Advancing Just Energy Transition in Asia and the Pacific (Additional Financing - TA10232)	0.0010	Anthony Maxwell
Multi-Region	REG	Integration of Innovative Grid Control Technology to Scale up Renewable Energy	0.0010	Atsumasa Sakai
Multi-Region	REG	Floating Solar, Off-shore Wind, Marine Aquaculture, Reefs, Renewable Energy, and Ecotourism for Ecosystem Services	0.0030	Peter Baum
Multi-Region	REG	Accelerating Deployment of Smart Energy Systems and Grid Integration Infrastructure	0.0030	Peter Baum
Multi-Region	REG	Developing climate-informed SOE corporate reforms in Asia and Pacific DMCs	0.0030	Rafayil Abbasov
Multi-Region	CAM	Accelerating Battery Energy Storage System Development in the Asia and Pacific Region (Subproject 1:Institutional capacity strengthening support to DMC through the BESS platform)	0.0005	Atsumasa Sakai
Multi-Region	MON	Accelerating Battery Energy Storage System Development in the Asia and Pacific Region (Subproject 1:Institutional capacity strengthening support to DMC through the BESS platform)	0.0003	Atsumasa Sakai
Multi-Region	BHU	Supporting Sustainable Large Hydropower Development	0.0020	David Paixao Morgado
TOTAL (Multi-Region)			0.0148	

Energy Sector TA Pipeline

2025 INDICATIVE TA PIPELINE (Pacific)

Region	DMC	Project Name	Planned Amount (\$billion)	Project Team Leader
PARD	SOL	Preparation of the Disaster resilient clean energy financing	0.0004	Elmar Elbling
PARD	KIR	Preparing the Pacific Renewable Energy Investment Facility, Phase 3 (TA 10080 additional financing)	0.0002	Atsumasa Sakai
PARD	SAM	Preparing the Pacific Renewable Energy Investment Facility, Phase 3 (TA 10080 additional financing)	0.0006	Atsumasa Sakai
PARD	TUV	Preparing the Pacific Renewable Energy Investment Facility, Phase 3 (TA 10080 additional financing)	0.0002	Atsumasa Sakai
PARD	KIR	Preparing the Climate-Resilient Integrated Cross-Sector Project (formerly South Tarawa Renewable Energy Project (Phase 3))	0.0010	Peter Baum
PARD	TUV	Preparing the Increasing Access to Renewable Energy Project (Third Additional Financing)	0.0010	Peter Baum
PARD	VAN	Emerging Areas Investment Project	0.0005	
TOTAL (Pacific)			0.0039	

Energy Sector TA Pipeline

2025 INDICATIVE TA PIPELINE (Southeast Asia)

Region	DMC	Project Name	Planned Amount (\$billion)	Project Team Leader
SERD	CAM	Southeast Asia Energy Sector Development, Investment Planning and Capacity Building Facility, Phase 2 (additional financing - TA 6833)	0.0008	Hyunjung Lee
SERD	CAM	Supporting the Energy Transition Sector Development Program, Subprogram 2	0.0015	Joao Almeida Rocha Carrega Aleluia
SERD	CAM	Supporting the Energy Transition Sector Development Program, Subprogram 2	0.0003	Joao Almeida Rocha Carrega Aleluia
SERD	INO	Accelerating Sustainable and Climate Resilient Infrastructure Development in Indonesia	0.0036	Daniel Miller
SERD	INO	Accelerating Sustainable and Climate Resilient Infrastructure Development in Indonesia	0.0020	Daniel Miller
SERD	INO	Accelerating Sustainable and Climate Resilient Infrastructure Development in Indonesia	0.0004	Daniel Miller
SERD	INO	Supporting Affordable and Sustainable Energy Transition Policy Reforms	0.0010	
Total (Southeast Asia)			0.0096	



Energy Sector TA Pipeline

2025 INDICATIVE TA PIPELINE (South Asia)

Region	DMC	Project Name	Planned Amount (\$billion)	Project Team Leader
SARD	SRI	Supporting Emerging Areas and Renewable Energy Integration	0.0010	Jaimes Kolantharaj
SARD	SRI	Developing Energy Efficiency Financing Program	0.0010	Jongmi Son
SARD	NEP	Implementation Support for Dudh Koshi Storage Hydropower Project	0.0020	Jiwan Acharya
SARD	IND	Supporting the Project Preparation of Nagaland Hydro Power Development Project	0.0020	Jaimes Kolantharaj
SARD	SRI	Power Sector Reforms and Financial Sustainability Subprogram 2 (Attached)	0.0010	Jaimes Kolantharaj
SARD	IND	Preparation and Implementation of Energy Projects	0.0010	Jaimes Kolantharaj
SARD	BHU	Promoting Clean Cooking, Heating, and Energy Efficiency	0.0008	Kaoru Ogino
SARD	IND	Promoting Clean Energy Usage through Enhanced Adoption of Electric Vehicles and Grid Integration of Battery Energy Storage Systems (Supplementary-TA 6726)	0.0008	Jiwan Acharya
SARD	BHU	Promoting Energy Exports Diversification Project	0.0020	Kaoru Ogino
SARD	IND	Sikkim Power	0.0010	Jaimes Kolantharaj

Energy Sector TA Pipeline

2025 INDICATIVE TA PIPELINE (South Asia)

Region	DMC	Project Name	Planned Amount (\$billion)	Project Team Leader
SARD	IND	Supporting Green Hydrogen Through High Technology	0.0006	Kaoru Ogino
SARD	IND	Supporting Green Hydrogen Through High Technology	0.0005	Kaoru Ogino
SARD	IND	Supporting Green Hydrogen Through High Technology	0.0010	Kaoru Ogino
SARD	IND	West Bengal Floating Solar	0.0020	Roka Sanda
SARD	BAN	Supporting Power Transmission Strengthening and Integration Renewable Energy Project (Attached to P-00010115)	0.0005	Choon Sik Jung
SARD	BAN	Supporting Power Transmission Strengthening and Integration Renewable Energy Project (Attached to P-00010115)	0.0010	Choon Sik Jung
SARD	BAN	Support to Power Distribution Network Enhancement Project (Attached)	0.0010	Choon Sik Jung
SARD	IND	Madhya Pradesh Renewable Energy Scaling-up Program	0.0010	Tika Limbu
SARD	IND	Madhya Pradesh Renewable Energy Scaling-up Program	0.0010	Tika Limbu
SARD	IND	Assam Solar Project	0.0010	Jiwan Acharya

Energy Sector TA Pipeline

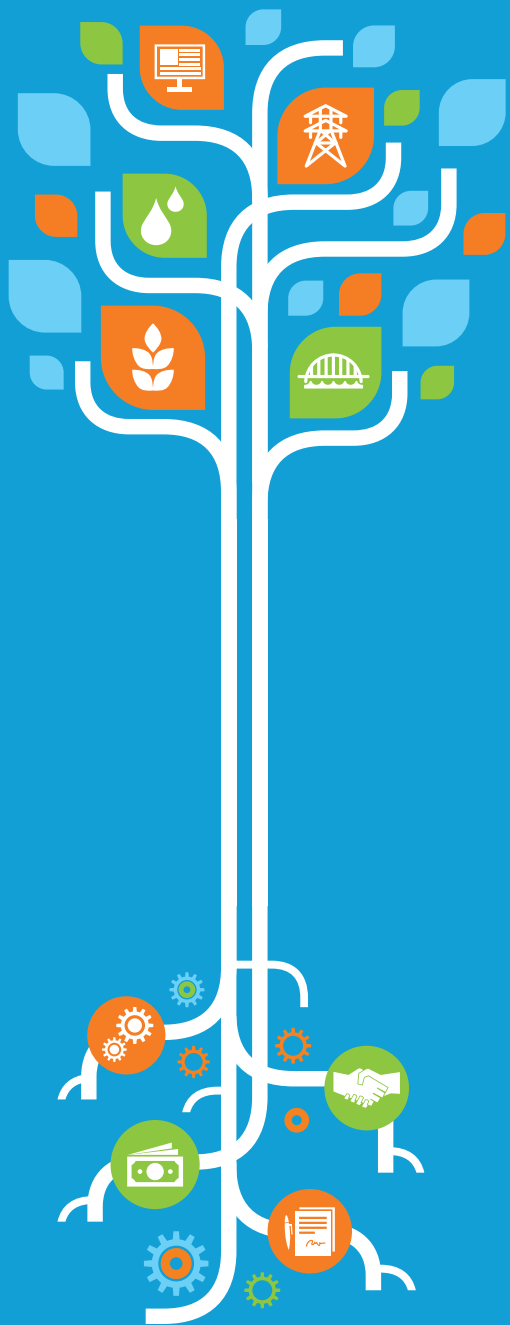
2025 INDICATIVE TA PIPELINE (South Asia)

Region	DMC	Project Name	Planned Amount (\$billion)	Project Team Leader
SARD	BAN	Supporting Solar Irrigation Pumps Road Map Rollout and Investment Planning	0.0010	Hongwei Zhang
SARD	BAN	Support to Development of Power Distribution System in Three Hilly Districts	0.0010	Nazmun Nahar
SARD	BHU	Promoting Advanced Metering and Grid Infrastructure Systems	0.0010	Roka Sanda
SARD	BAN	Support to Energy Transition Acceleration Project	0.0010	Jongmi Son
SARD	BAN	Support to Power Distribution System Improvement Project	0.0010	Choon Sik Jung
SARD	BAN	Support to Industrial Smart Metering for Enhanced Energy Efficiency Project	0.0010	Roka Sanda
SARD	IND	Supporting West Bengal Distribution System Strengthening Program	0.0013	Roka Sanda
SARD	MLD	Project Preparatory and implementation Support for Renewable Energy and Cross Sectoral Interventions	0.0010	Jaimes Kolantharaj
SARD	IND	Support for Policy based loan in the Power Sector SP2	0.0020	Len George
SARD	IND	Preparing energy transition roadmap for multiple northeastern states	0.0005	Jaimes Kolantharaj
SARD	IND	Preparing energy transition roadmap for multiple northeastern states	0.0015	Jaimes Kolantharaj
SARD	IND	Demonstration of Agrivoltaics Projects in Uttar Pradesh (Formerly Capacity Building for Uttar Pradesh New & Renewable Energy Development Agency)	0.0003	Tika Limbu
SARD	IND	Demonstration of Agrivoltaics Projects in Uttar Pradesh (Formerly Capacity Building for Uttar Pradesh New & Renewable Energy Development Agency)	0.0005	Tika Limbu
SARD	IND	Promoting agricultural power supply connections using renewable energy (Maharashtra)	0.0015	Jaimes Kolantharaj
SARD	IND	Promoting agricultural power supply connections using renewable energy (Maharashtra)	0.0010	Jaimes Kolantharaj
SARD	NEP	Implementation Support for SASEC Electricity Transmission and Distribution Strengthening Project (Supplementary)	0.0008	Jiwan Acharya
TOTAL (South Asia)			0.0385	

Energy Sector TA Pipeline

SG-ENE Portfolio Unit Heads

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THANK YOU!

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