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12TH ASIAN DEVELOPMENT BANK BUSINESS OPPORTUNITIES FAIR 2024

9-10 OCTOBER 2024 | 9 A.M. to 5 P.M. | ADB HEADQUARTERS, MANILA

Agriculture, Food, Nature, and Rural Development Sector Office (SG-AFNR) Sectors Group

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Region 1 (South, Central and West Asia)

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Water and Coastal Resources Management

- Irrigation modernization
- Flood and riverbank erosion risk management
- Multi-purpose reservoirs to ensure water security
- Landslide risk management
- Coastal management (blue economy initiatives)



Institutional Strengthening

- Flood forecasting and early warning, disaster preparedness
- Promotion of water use efficiency
- Policy advice and capacity development
- Strengthening water governance



Agriculture/Agribusiness Development

- Climate-smart agriculture
- Private sector development/financing in agribusiness
- Green and inclusive value chain development
- Improved market connectivity
- Organize small farmers into commercially viable groups through improving access to finance and infrastructure



2024 Lending Pipeline – Central and West Asia

#	DMC	Project Name	Amount (\$ million)
1	AFG	Community-led Disaster Risk Management Project	70.00
2	ARM	Climate-Adaptive Food Security Enhancement*	3.00
3	KGZ	Enhancing climate resilient groundwater management approaches (SEFF Activity 6)*	1.88
4	PAK	Climate and Disaster Resilience Enhancement Program (Subprogram 1)	500.00
5	TAJ	Resilient Livelihoods and Empowerment of Rural Women Project	17.50
6	UZB	Precision Agriculture for Resilient Commercial Horticulture (PARCH) Project	3.00
			\$595.38

*Committed.



2024 Lending Pipeline – South Asia

#	DMC	Project Name	Amount (\$ million)
1	BAN	Climate Resilient Integrated Southwest Project for Water Resources Management*	71.00
2	IND	Climate Resilient Brahmaputra Integrated Flood and Riverbank Erosion Risk Management Project in Assam*	200.00
3	IND	Climate Adaptative Community-based Water Harvesting Project in Meghalaya	50.00
4	IND	Maharashtra Sustainable Climate Resilient Coastal Protection and Management Project	42.00
5	NEP	Mechanized Irrigation Innovation Project	125.00
6	NEP	Irrigation Modernization Enhancement Project	85.00
7	SRI	Mahaweli Water Security Investment Program (Tranche 3)	93.00
			\$666.00

*Committed.



2025 Lending Pipeline – Central and West Asia

#	DMC	Project Name	Indicative Amount (\$ million)
1	AFG	Expanding Essential Food Security and Health Services Project (Support for Afghan People) (Phase 2)	100.0
2	GEO	Multisector Small Expenditure Financing Facility (Activity 2)	3.0
3	KGZ	Climate and Disaster Resilient Water Resources Management – Additional Financing	47.0
4	PAK	Punjab Improved Food Security and Sustainable Agriculture Project	105.0
5	PAK	Balochistan Water Resources Development Project – Additional Financing	40.0
6	TAJ	Climate-Resilient Water Resources Project	40.0
7	TAJ	Digital Agriculture Management for Improved Food Security Project	17.0
8	UZB	Resilient Amu Darya River Basin Sector Development Program	200.0
TOTAL			\$552.0



2025 Lending Pipeline – South Asia

#	DMC	Project Name	Indicative Amount (\$ million)
1	BHU	Climate-Resilient Productivity Enhancement for Food Security Project	3.0
2	BHU	Climate-Resilient Omchhu River Protection Project	55.0
3	SRI	Mahaweli Water Security Investment Program Stage 2	350.0
4	SRI	Supporting Food Security and Climate Resilience through Irrigated Agriculture Modernization in Sri Lanka	3.0
TOTAL			\$411.0



2026 Lending Pipeline – Central and West Asia

#	DMC	Project Name	Indicative Amount (\$ million)
1	AFG	Livelihood Development and Economic Resilience at Community Level	100.00
2	GEO	Climate Smart Irrigation, Subprogram 2	20.00
3	KGZ	Enhancing Agricultural Value Chain Logistics	15.00
4	PAK	Integrated Management of Hill Torrents in Punjab	150.00
5	PAK	KP Resilient Irrigated Agriculture Livelihoods Development Project	100.00
6	PAK	Climate and Disaster Resilience Enhancement Program (Subprogram 2)	400.00
TOTAL			\$785.00



2026 Lending Pipeline – South Asia

#	DMC	Project Name	Indicative Amount (\$ million)
1	BAN	Coastal Integrated Resilience Program-Tranche 1	150.0
2	BAN	Climate Resilient Main River Systems Management Program (MFF, Tranche 1)	150.0
3	IND	Atal Bhujal Yojana (National Groundwater Management Improvement)	484.0
4	IND	Climate Adaptation in Vennar Subbasin in Cauvery Delta Project Phase 2	175.0
7	IND	Sundarban Upper Delta Climate Resilient Development Project	115.0
8	NEP	Nagmati Environment and Water Project	150.0
TOTAL			\$1,224.0



2025 Nonlending Pipeline – Central and West Asia

#	DMC	Project Name	Indicative Amount (\$ million)
1	AFG	ANR Sector Assessment and Assessment of Past ADB-financed Projects	0.50
2	ARM	Agricultural Value Chain Development for Enhanced Food Security Project	0.75
3	ARM	Resilient Water Resources Management Project	1.3
4	KGZ	Preparing the Integrated River Enhancement Project	0.50
5	KGZ	Supporting policy responses to climate change and external shocks	0.35
6	KGZ	Enhancing Agricultural Value Chain Logistics	0.90
7	KGZ	Project Readiness Support for the Agriculture, Food, Nature and Rural Development Operations	1.00
8	PAK	Food Security and Resilient Agriculture	2.50
TOTAL			\$7.80



2025 Nonlending Pipeline – South Asia

#	DMC	Project Name	Indicative Amount (\$ million)
1	IND	Support for Sundarbans Climate Resilient Development Project	1.00
2	IND	Climate Smart and Resilient Districts Development in 16 districts of Tamil Nadu	0.50
3	IND	Support for Irrigation Modernization Project	1.00
4	IND	Climate Resilient Integrated Flood and Riverbank Erosion Risk Management Project	1.00
5	IND	Strengthening Resilience in Agriculture, Food, Nature and Rural Development Sector (supplementary)	0.50
6	IND	Strengthening Existing Institutions, Policies, and Program Designing in Water Resources Sector	2.00
7	IND	Supporting the Climate Adaptative Community-based Water Harvesting Project in Meghalaya (Attached)	2.00
8	NEP	Implementation Support for Irrigation Modernization Enhancement Project (Attached)	0.75
TOTAL			\$8.75



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Consulting, Goods and Works Opportunities





Consulting Opportunities (Central, West, and South Asia)

Loan/Grant No.	Country + Project title	Package Opportunity type + short description	Value of package (estimate \$ million)	Date of Advertisement (Quarter)
L4440	BAN: Climate Resilient Integrated Southwest Project for Water Resources Management (formerly Southwest Area Integrated Water Resources Planning and Management Project- Second Additional Financing)	Feasibility study for climate resilient FCD/I and riverbank erosion management of BDP 2100 hot spots	1.8	Q4 2024
L4413/G0925	KGZ: Climate Resilient Agricultural Value Chain Development Project	Value Chain Support Consultants (national consulting firm)	1.3	Q1 2025



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Goods and Civil Works Opportunities





Opportunities (Central, West, and South Asia)

Loan/ Grant No.	Country + Project Title	Package Opportunity Type + Short Description	Value of Package (Estimate \$ Million)	Date of Advertisement (Quarter)
L4412	PAK: Khyber Pakhtunkhwa Food Security Support Project	Framework Agreement for supply and distribution of wheat seed bags along with establishment of distribution channel	6.3	Q3 2024
		Framework Agreement for supply and distribution of DAP fertilizer for wheat and rice	10.6	Q3 2024
L4379	GEO: Climate Smart Irrigation Sector Development Program	Modernization of Kvemo Samgori left main canal irrigation scheme - Area 1 Pressurized pipe distribution network Structures and hydrants SCADA (SCADA in the network will be mainly for measurement (flows, pressure) within the network. Overall SCADA for the operation of main canal will be included in Area 1 package for design and implementation.)	12.362	Q4 2024
		Modernization of Kvemo Samgori left main canal irrigation scheme Areas 2 to 4 Pressurized pipe distribution network Structures and hydrants SCADA (SCADA in the network will be mainly for measurement (flows, pressure) within the network. Overall SCADA for the operation of main canal will be included in Area 1 package for design and implementation.)	13.18	Q4 2024
G0810	TAJ: Climate- and Disaster- Resilient Irrigation and Drainage Modernization in the Vaksh River Basin Project	Modernization of Tertiary Irrigation and Drainage Systems (buried pipelines)	7.08	Q4 2024



Project Spotlight : South Asia

TAJ: Digital Agriculture Management for Improved Food Security Project

Project Features

- Development of a **digital platform** to access information and services for farmers and government
- Upgrading **public infrastructure** for better service delivery (breeding and veterinary services)
- Enhance **veterinary training schools** by modernizing curricula tailored for female veterinarians and delivering advanced training to ensure competitiveness in health practices and technologies.
- Foster better **pasture management and livestock tracking** (GIS-driven information on pasture; tracking of animal movements)
- Implementation Period: 2025 – 2029
- Financing: \$17 million (grant)

Project Spotlight : Central and West Asia

UZB: Resilient Amu Darya River Basin Sector Development Program

Status

Program to be approved in 2025
Under preparation for FS by TA

Amount and Modality

Total: \$200 million, Sector development program
PBL component: \$50 million(OCR)
Investment component: \$150 million
[ADB(COL) 116 million, ADF-14 14 million
OPEC Fund 20 million]

Project Preparation

TA of \$3,050,000 including \$2,000,000(JFPR)
and \$300,000(PPIST Fund)

- Update/develop FS for the investment component.

Problems/ Issues

- **Increased water scarcity and disaster risk by climate change:** (i) variable irrigation water supply, (ii) flash floods and mudflow, and rainfall-triggered landslides in the subbasins of Amu Darya.
- **Urgency to improve water resource management and water use:** (i) Presidential Decree issued with time-bound targets to manage water scarcity, (ii) inefficient/unsustainable operation of water reservoirs without forecasting and monitoring system, water metering, sediment management, (iii) less installment of water-saving irrigation technologies.
- **Declining agricultural productivity:** (i) deteriorated irrigation and drainage infrastructure and poor operation and maintenance, (ii) inefficient water use.

Solutions/ Outputs

1. **Strategic climate adaptation approach** – (i) upstream climate risk assessment, (ii) multisector stakeholder workshops, (iii) prioritize climate adaptation investments, (iv) integrate into proposed investment
2. **Budget support for policy reform + investment component** – adopted lending modality as Sector Development Program(SDP) which will comprise:
 - (i) **Proposed Policy Based Loan:** policy reforms on strengthening implementation of water resource management, water use, and irrigation sector; New Strategy for Water Resources Management and Development of the Irrigation Sector in the Republic of Uzbekistan 2024--2026 to be approved in 2024.
 - (ii) **Proposed Investment component: Resilient river basin management system, irrigation systems introduced, and agricultural productivity improved, e.g.,**
 - (a) multipurpose reservoir for irrigation water supply, flood-attenuation for DRM, hydropower generation (if applicable), and other users;
 - (b) improved watershed management, including nature-based solutions for flood-risk, sediment, and biodiversity management;
 - (c) productive and modernized irrigation command areas using innovative and digitalized technologies to boost water efficiency and climate-smart agriculture; and
 - (d) institutional strengthening and capacity building of water management agencies and water users, with focus on asset management and women's empowerment in decision-making roles in water management.

Project Spotlight : South Asia

NEP: Mechanized Irrigation Innovation Project

Development of deep tube well irrigation system to irrigate 22,400 ha in Madhesh Province (southern plains)

Design-build-operate modality

Independent Irrigation Management Company (majority government shareholding + farmers shareholding) to collect irrigation service fees and manage the systems (after DBO period)

Department of Water Resources and Irrigation keen to promote private sector in O&M of large irrigation projects through transfer of its management responsibility under a joint management scheme

Amount: \$125 million

Duration: 2024 - 2030



Project Spotlight : South Asia

IND: Climate-Adaptative Community-Based Water-Harvesting Project in Meghalaya

Implementation Period: Dec 2024 – Oct 2030 (6 years)

Amount: \$50 million

Executing Agency: Soil and Water Conservation Department, Govt of Meghalaya

Implementing Agency: Meghalaya State Watershed & Wasteland Development Agency, Gov't of Meghalaya

Project Components

Water Harvesting Structures – WHS (532 numbers in 22 packages) (12 packages published) (10 packages to be published in Q3/2025)

Community Procurement (Livelihood) activities – CAD & CAT (532 packages to be awarded to the communities)

Pilot projects - Livelihood component/opportunities for undertaking Fisheries, Agri, Tourism, micro hydro & irrigation, solar pump, climate resilient agriculture (one each) (packages to be published in Q3/2025)

Consultancy services - Independent Experts in Water Resources Management, RS/GIS, Livelihood, Agriculture and Horticulture Value Chains, Project Monitoring (to be published in Q2/2025)





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Thank you!