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ADB

# Water and Urban Development Sector Office (SG-WUD) East, Central, and West Asia Team

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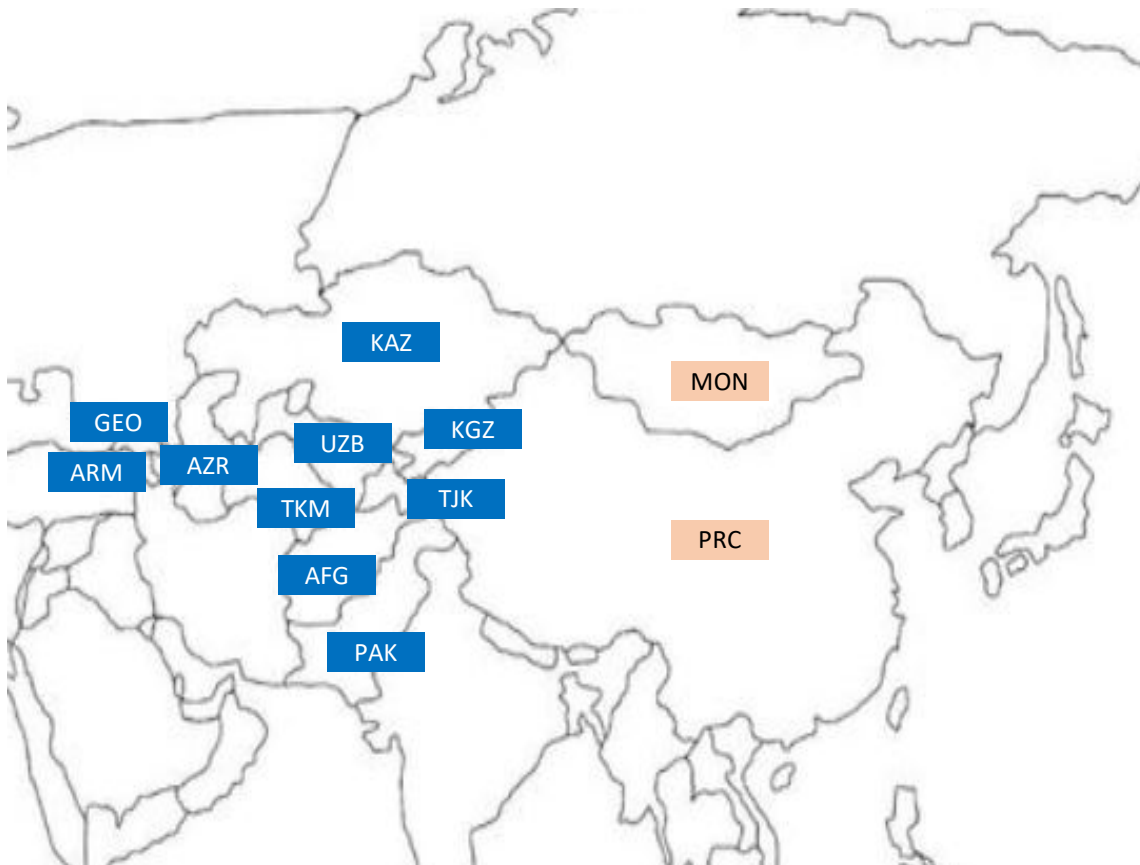
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**11TH BUSINESS OPPORTUNITIES FAIR 2023**

**4-5 OCTOBER 2023 | 9:00AM - 5:00PM | MANILA**

# Region/Country Strategy I



## ❖ Covering

- 10 countries in Central West Asia
- 2 countries in East Asia

## ❖ Focusing on

- basic urban infrastructure to improve livability
- water supply, wastewater and solid waste management, sanitation, integrated urban development, and other subsectors



# Region/Country Strategy II

## Promoting Inclusive Economic Growth

- Promote integrated, knowledge-based, and innovative solutions
- Adopt integrated approach and proactively replicate and scale up such solutions
- (i) GEO: Livable Cities Investment Project for Balanced Development,  
(ii) MON: Infrastructure Development for Green and Resilient New Satellite City

## Building Resilience to Climate Change

- Enhance upstream climate assessment to inform future investments
- Embed environmental consideration and natural capital (nature-based solutions)
- (i) KGZ: Issyk-Kul Environmental Management and Sustainable Tourism Project,  
(ii) PRC: Chongqing Nature-Based, Low-Carbon Urban Development Project

## Strengthening Private Sector Development

- Support PPPs, and private sector financing as part of reform agenda
- Support commercial borrowings through FIs, municipal bonds, etc.
- (i) PAK: Developing Resilient Environments & Advancing Municipal Services Project,  
(ii) MON: Aimags and Souns Green Development Investment Program



# Lending Pipeline, 2023-2025

SI	DMC	Project Title	Amount (\$ million)
<b>A. 2023 - 8 projects (5 CW and 3 EA)</b>			
1	UZB	Integrated Urban Development Project	59.0
2	ARM	Yerevan Urban Development Investment Project	65.2
3	ARM	Seismic Safety Improvement Program - Additional Financing	72.3
4	KGZ	New Water Intake to the City of Osh - Multisector Activities Support Facility	3.0
5	PAK	Developing Resilient Environments & Advancing Municipal Services in Punjab Project	180.0
6	MON	Aimags and Soums Green Regional Development Investment Program - Tranche 1	273.0
7	PRC	Shanxi Changzhi Low-Carbon and Climate-Resilient Circular Economy and Transformation Project	300.0
8	PRC	Yangtze River Economic Belt Jiangxi Ecological Civilization and Circular Economy Project	200.0
<b>Total</b>			<b>1,152.5</b>

Note: Projects are indicative, pending ADB Management and Board approval, and timelines are subject to change.



# Lending Pipeline, 2023-2025

SI	DMC	Project Title	Amount (\$ million)
<b>B. 2024 - <u>6 projects (4 CW and 2 EA)</u></b>			
1	KAZ	Urban Infrastructure Modernization Program – Wastewater Treatment Project	65.0
2	UZB	Climate Smart Water Management Improvement Project	125.0
3	KGZ	Issyk-Kul Environmental Management and Sustainable Tourism Development Project	56.0
4	KGZ	Naryn Rural Water Supply and Sanitation Development Program - Additional financing	30.0
5	PRC	Chongqing Nature-Based, Green, Low-Carbon, and High-Quality Urban Development Project	200.0
6	MON	Infrastructure Development for Green and Resilient New Satellite City in Khushig Valley	100.0
<b>Total</b>			<b>576.0</b>

SI	DMC	Project Title	Amount (\$ million)
<b>C. 2025 - <u>6 projects (5 CW and 1 EA)</u></b>			
1	UZB	Climate-Resilient Water Services Project	270.0
2	PAK	Support for Housing Reconstruction in Sindh	250.0
3	GEO	Boosting Opportunities and Operations for Sustainable Transformation	60.0
4	PAK	Developing Resilient Environments & Advancing Municipal Services 2	200.0
5	PAK	Khyber Pakhtunkhwa Intermediate Cities Improvement Project (KPCIP) – Phase 2	200.0
6	PRC	Fujian Coastal Cities Climate Resilient and Biodiversity Protection Project	200.0
<b>Total</b>			<b>1,180.0</b>

Note: Projects are indicative, pending ADB Management and Board approval, and timelines are subject to change.



# Nonlending Pipeline, 2023-2024 TA Program

SI	DMC	Project Title	Amount (\$ million)
<b>A. 2023 – 7 TAs (6 CW + 1 EA)</b>			
1	ARM	Preparing Yerevan Urban Development Investment Project II	0.7
2	PAK	Preparing Water and Urban Development Projects	2.0
3	PAK	Developing Resilient Environments and Advancing Municipal Services in Punjab Project	1.0
4	REG	GREEN - Growth, Resilience, Energy Efficiency and Nature-based - Solutions for Livable Cities	2.5
5	TAJ	Strengthening the Water Supply and Sanitation Governance and Institutions	1.0
6	ARM	Strengthening Environmental Resilience and Fostering Sustainable Economy for Lake Sevan	0.4
7	MON	Strengthening Soum Center Infrastructure Improvement and Green Development	1.5
<b>Total</b>			<b>9.1</b>

SI	DMC	Project Title	Amount (\$ million)
<b>B. 2024 – 9 TAs (4 CW + 5 EA)</b>			
1	ARM	Wastewater and Sludge Management Strategy Development for Armenia	0.5
2	ARM	Preparing Sevan Resilient Future Program	1.0
3	TAJ	Smart and Livable Cities Project	1.2
4	UZB	Climate Smart Water Management Improvement Project	0.8
5	MON	Supporting Ulaanbaatar Inclusive and Green Urban Development Project	0.7
6	PRC	Beijing Capacity Building for Climate Change Adaptation	0.3
7	PRC	Research on Green Development in Agricultural Waste Recycling Solutions	0.6
8	PRC	Research on Industrial Waste Recycling Policy System	0.3
9	PRC	Study on the System of Solid Waste Recycling in Jiangxi Province	0.4
<b>Total</b>			<b>5.8</b>



# Opportunities

## 1. PAK: Developing Resilient Environments & Advancing Municipal Services in Punjab Project (DREAMS 1)

### Impact

Living standards, health, and economy in 2 cities of Punjab improved

### Outcome

Urban environment and living conditions improved, natural ecosystems protected, and climate change mitigated

### Outputs

- Urban environment improved through SWM (Bahawalpur) and WSS (Rawalpindi) infrastructure
- Institutional support and capacity development for improved municipal finance

### Amount and Financing

Total: \$225.0 million (ADB: \$180 million, Government: \$45 million)

### Proposed Implementation Period

- ❖ From December 2023 to December 2028

### Large Packages

Package	Package Title	Est. Value (\$ million)	Advertisement Date
Works	DREAMS-I-CW-01-RWASA - Water Supply Systems (4 lots)	116.1	Q3 2024
Works	DREAMS-I-CW-02 - Solarization for Sustainable & Resilient Water Supply System in Rawalpindi	16.2	Q2 2024
Works	DREAMS-I-CW-03-BWMC - Integrated Solid Waste Management System for Bahawalpur	40.9	Q4 2023
Consulting	DREAMS-I-CONS-01 - Project Management and Construction Supervision (PMCS) Consultant	6.2	Q3 2023



# Opportunities

## 2. ARM: Yerevan Urban Development Investment Project

### Impact

Urban environment, connectivity, and resilience to climate change improved, an economy led by investments and job creation strengthened, and private sector participation in urban areas enhanced

### Outcome

Sustainability, inclusiveness, and livability of Yerevan enhanced

### Outputs

- ❑ Sustainable and inclusive urban mobility and recreational experience and services improved (1.8 km urban road, 1.7 ha green park, 2.2 km bike lane, 4,500 tree plantations)
- ❑ Institutional capacity for green and inclusive urban mobility strengthened (urban masterplan and transport study)

### Amount and Financing

Total: \$85.8 million (ADB: \$65.2 million, Government: \$20.6 million)

### Proposed Implementation Period

- ❖ From December 2023 to March 2028

### Large Packages

Package	Package Title	Est. Value (\$ million)	Advertisement Date
Works	CW-01 - Isakov-Arshakunyats road infrastructure	51.0	Q4 2023
Consulting	GUDIP-Cons-02 - Construction supervision consulting services	3.0	Q4 2023





# Opportunities

## 3. PRC: Shanxi Changzhi Low-Carbon Climate-Resilient Circular Economy Transformation Project

### Impact

Green low-carbon climate-resilient circular economy transformation in Changzhi Municipality achieved

### Outcome

Low-carbon climate-resilient circular economy development investments and institutions in Changzhi Municipality improved

### Outputs

- ❑ Urban green infrastructure and services improved (urban road, wastewater treatment plants, etc.)
- ❑ Institutional support and capacity development for improved municipal finance

### Amount and Financing

Total: \$665.1 million (ADB: \$300.0 million, FI: \$55 million, Government: \$310.1 million)

### Proposed Implementation Period

- ❖ From March 2024 to March 2030

### Large Packages

Package	Package Title	Est. Value (\$ million)	Advertisement Date
Works	EDZ-CW04 - Works for green transformation center building as green energy-efficient circular building and supporting structures (pavement, landscaping, and utilities) for the Smart City Platform	22.7	Q4 2024
Works	HTZ-CW01 - Works for construction of Gangze Road with bus stops, bike lane, landscape as sponge city features and utilities	14.3	Q2 2024
Works	LC-CW04 - Works for green transformation center buildings as green, energy-efficient circular buildings for the smart city ICT platform	14.3	Q4 2024
Goods	HG-G01 - Equipment provision and installation for Huguan EDZ WWTP	5.7	Q1 2025



# Opportunities

## 4. MON: Aimags and Soums Green Regional Development Investment Program - Tranche 1

### Impact

Green development, regional development sustainability, quality of life, and human development achieved

### Outcome

Green and inclusive agro-territorial development advanced

### Outputs

- ❑ Climate-resilient, low-carbon, and attractive Aimag and Soum centers developed
- ❑ Climate-resilient, high-carbon sequestration, and sustainable rangeland and agricultural management implemented

### Amount and Financing

Total: \$270.0 million (ADB: \$93.0 million, other MDBs: \$138.6 million, Government: \$38.4 million)

### Proposed Implementation Period

- ❖ From March 2023 to September 2028

### Large Packages

Package	Package Title	Est. Value (\$ million)	Advertisement Date
Consulting	DDS1 - Detailed design and supervision for Tranche 1	7.0	Q2 2024
Consulting	PIO2 - Project implementation technical assistance for Output 2 (including rangeland management, irrigation scheme, animal breeding and veterinary services, traceability and certification support, and policy improvement)	8.5	Q2 2024



# Issues/Challenges for your Consideration

- ❑ **Comprehensive Site Surveys and Robust Detailed Designs**
  - Design-Build (DB), Design-Build-Operate (DBO) contract modality widely applied
  - For item-rate contracts, detailed designs reviewed/confirmed by contractors
  
- ❑ **Innovative, but Affordable Solutions**
  - For DB & DBO, applicable technologies suggested by contractors and confirmed by PMSC
  - Need to consider the government's capacity and experience, and local context
  
- ❑ **Being Familiar with Various Procurement Methods (Open Competitive Bidding)**
  - Works: (i) single stage–one envelope, **(ii) single stage–two envelope**, (iii) two stage, and (iv) two stage–two envelope
  - Consulting Services: (i) Single-source, (ii) Quality-based, **(iii) Quality- and cost-based**, (iv) Fixed budget, (v) Least-cost, (vi) Consultants' qualifications, and (vii) Simplified consultants' qualification

