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Water and Urban Development [WUD] Sector Office

Sector Department 2

Luca Di Mario
Senior Urban Development Specialist





Urban Challenges in Asia and the Pacific...

Water & Sanitation

500 Million

People lack access to basic water supply

1.14 Billion

people lack access to sanitation

>80% of wastewater

discharged untreated into the environment

Urbanization and Housing

56%

of population will live in cities by 2030

600 Million

people live in informal settlements in Asia with substandard service provision

Climate Change and Disaster Risks

70% of total GHGs

emissions are generated by cities

40%

of disasters triggered by natural hazards occur in the region

96 out of 100

Most of air-polluted cities are in Asia

Waste

>1 Billion tons

Of municipal waste generated per year by 2030 (~30% increase)

90% of waste

Is dumped or burned without treatment

Capacity and Sustainability

Low capacity and resources of local governments and utilities

Operational sustainability

of urban services often at risk



ADB Vision: Making Asia and the Pacific More Livable, Water-Secure, and Resilient

Water Sector Directional Guide

Impact

Advancing a Water Secure and Resilient
 Asia and the Pacific

Outcome

- A. People and systems with strengthened resilience
- B. Communities and marginalized groups with improved access to Water Supply and Sanitation (WSS) and raised incomes
- C. More sustainable water, environments, improved water quality and efficient use of water resources
- D. Effective and financially sustainable WSS and improved investor confidence



Urban Sector Directional Guide

Impact

Making Cities More Livable

Outcome

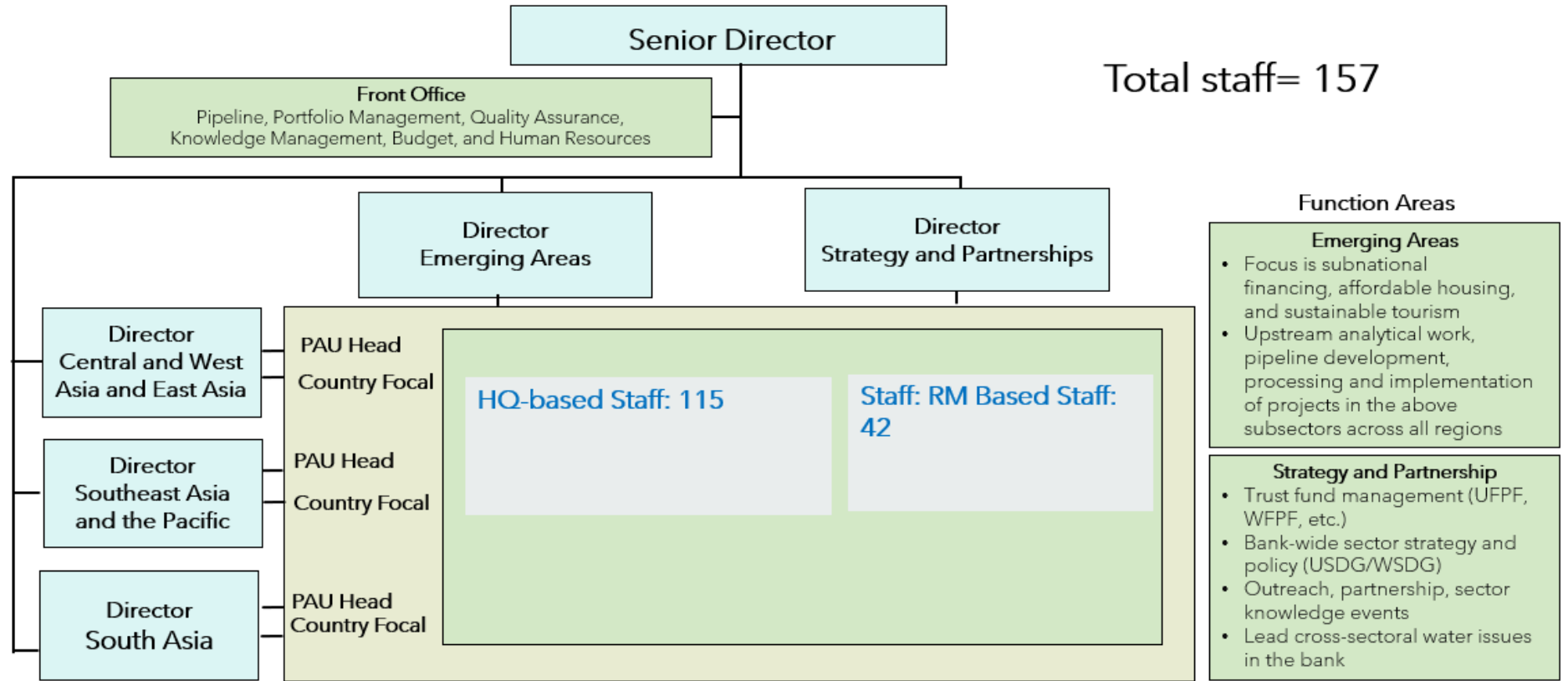
- A. Improved coverage, quality efficiency, and reliability of services
- B. Strengthened urban planning and financial sustainability of cities
- C. Improved urban environment, climate resilience, and disaster management of cities





How WUD is structured...

Water and
 Urban
 Development
[WUD] Sector
 Office



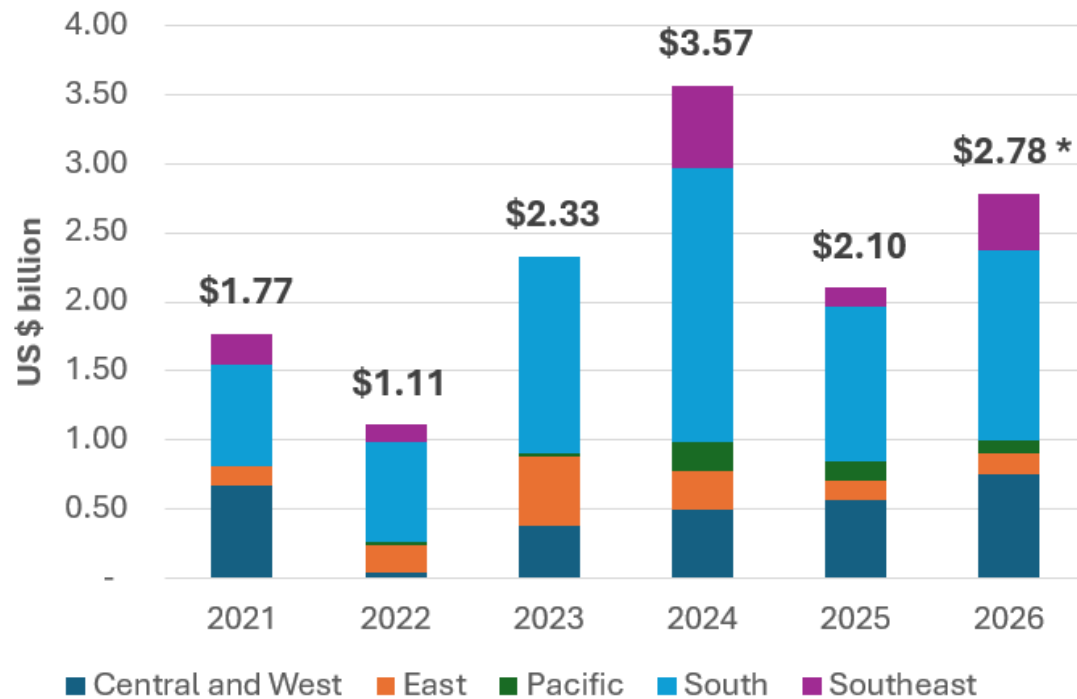
HQ = Headquarters, NO = National Officers, PAU = Project Administration Unit, RM = Resident Mission, TI = Technical International, TL = Technical Local, Urban Sector Directional Guide, UFPF = Urban Financing Partnership Facility, WFPF = Water Financing Partnership Facility, WSDG = Water Sector Operational Guide.



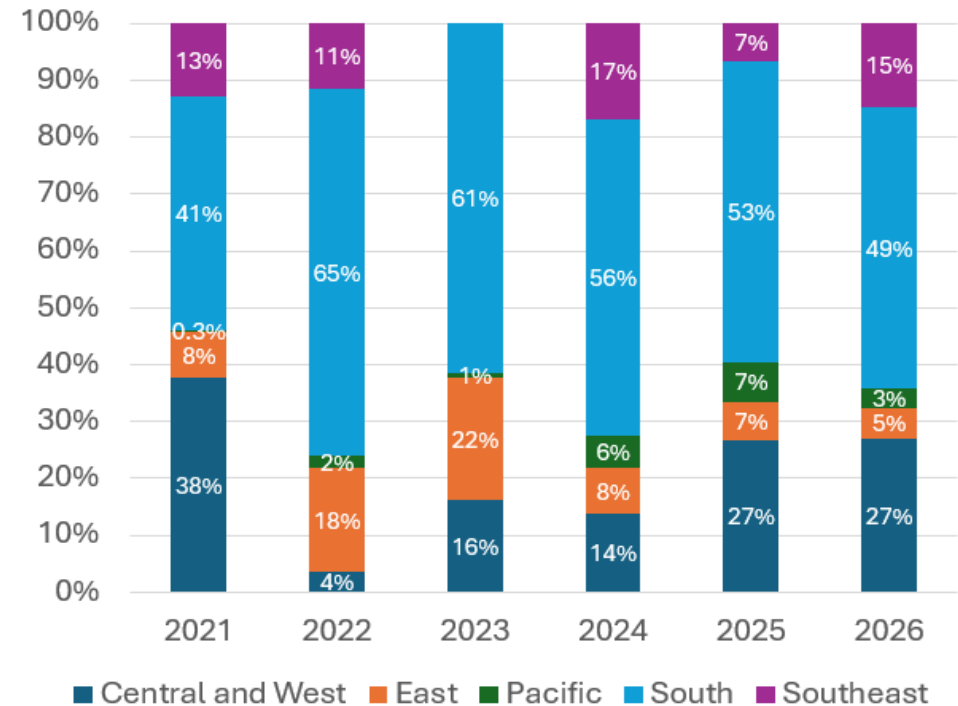
How much we commit and where...

WUD Commitments (2021-2025) and 2026 Pipeline

Annual Amount and Regional Breakdown (\$ billion)



Regional Breakdown in Percentages

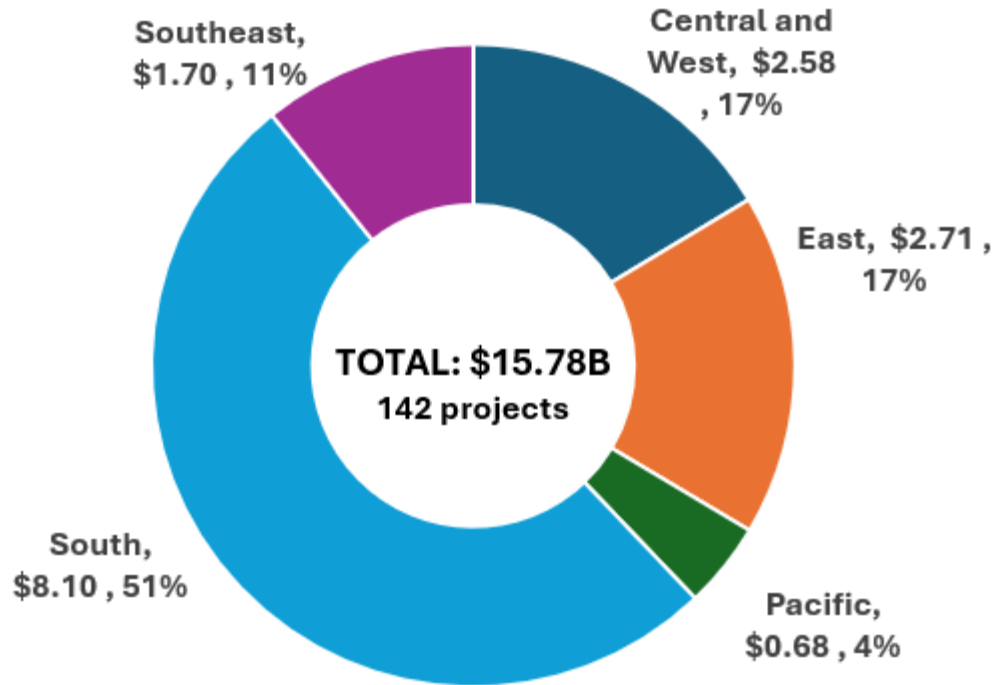


*2026: commitment is inclusive of 1 operation approved in 2025; 3 PRF and 2 SEFF activity

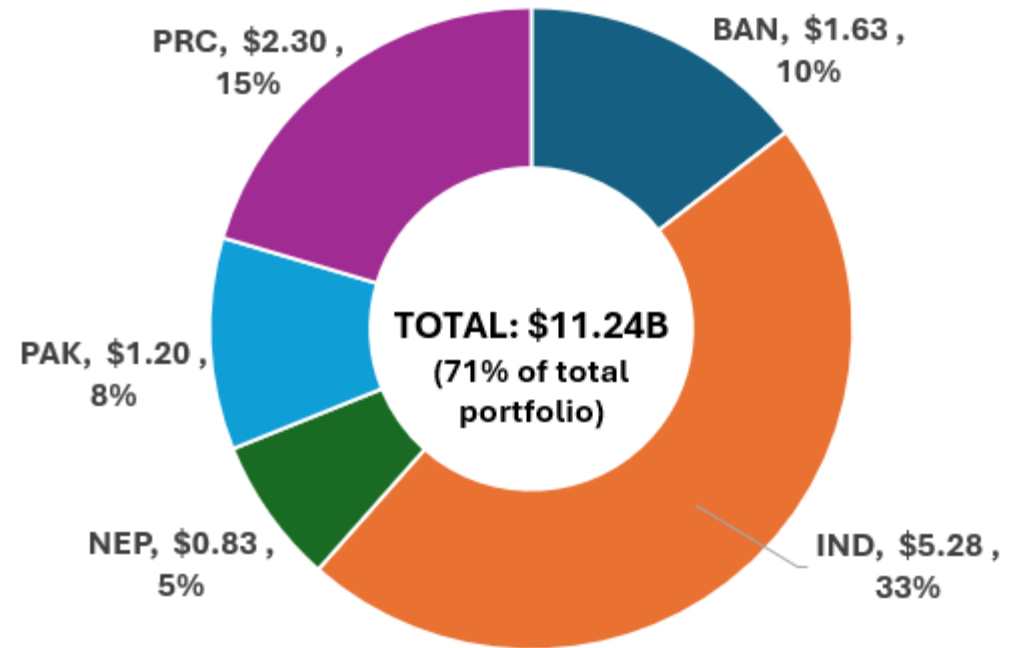


WUD Active portfolio

Active Portfolio by Region (\$ billion)



Top 5 Countries SD2-WUD (\$ billion)





What WUD support...

SUBSECTOR	Year				
	2023	2024	2025	Total	% of Total
Water Supply	407.35	571.69	663.25	1,642.30	24%
Sewerage	139.82	227.01	229.22	596.05	9%
Sanitation	198.25	381.74	11.72	591.71	9%
Flood Protection	175.31	173.90	362.42	711.63	10%
Solid Waste Management	105.71	382.59	6.00	494.30	7%
Housing	-	17.92	-	17.92	0.3%
Slum Development	30.00	7.00	-	37.00	1%
Renovation & Protection of Cultural Heritage	23.00	91.00	-	114.00	2%
Other Urban Services	214.49	737.32	339.11	1,290.91	19%
Urban Policy, Institutional, & Capacity Development	567.39	678.03	205.19	1,450.61	21%
TOTAL	1,861.31	3,268.21	1,816.90	6,946.43	100%

NOTE: The numbers are for water and urban infrastructure and other services (WUS) used in ADB's sector classification system. These are different from the commitments of the Water and Urban Development (WUD) Sector Office.

Covers OCR, concessional OCR, and ADF-funded investments



Core **WUD** subsectors, approach, and priorities...

WATER SUPPLY



1. End to End Solutions
2. Non-revenue water
3. Efficiency/O&M
4. Household Connections
5. Pipeline Installation Technology
6. Digitalization

SANITATION and STORMWATER



1. End to End Solutions
2. New treatment technologies
3. Climate Resilience
4. Sewer Connection
5. Pipeline Installation Technology
6. Digitalization

SOLID WASTE MANAGEMENT



1. Integrated Approach
2. Circularity (recycling)
3. Behavioral change
4. Policy Support
5. O&M and Partnership
6. Digitalization

INCLUSIVE URBAN PLANNING



1. Urban Planning
2. Policy Support
3. Urban Master Plan
4. Multi-sectoral Approach
5. Digitalization



WUD Emerging Areas ...



SUSTAINABLE TOURISM



SOCIAL AND AFFORDABLE HOUSING



**MUNICIPAL/SUBNATIONAL FINANCE
SUB SOVEREIGN AND NON-SOVEREIGN FINANCING**



WUD Strategic approach...



Support for balanced and resilient urban development (water supply, sanitation, circular economy, housing, tourism, TOD, pollution, disaster and climate resilience). Basic service delivery and capacity building for urban governance and strengthen the institutional readiness where needed.



Focus on integrated solutions and innovations: ADB facilitates integrated multi-sectoral solutions approach and harnessing technology and digital tools.



Leveraging regional and global partnerships: ADB facilitates partnerships to mobilize knowledge, finance, and innovation for sustainable urban development (e.g., via trust funds and technical assistance)



Expanding solutions through the private sector: Mobilizing private capital remains an important priority. Works closely with other ADB departments to develop enabling ecosystem and attract private capital for investments through viable projects and in line with the government priorities.



Facilities

- **Water Financing Partnership Facility has committed \$130 Million**
- **Urban Financing Partnership Facility has committed \$171 Million**

The Facilities function mobilizes partner-contributed trust funds, direct co-financing and Technical Assistance administered. This supports sector activities and priorities, aligned with the strategic objectives of the donors of each trust fund and co-financing resource.

Water Financing Partnership Facility

- Water Resilience Trust Fund
- Water Innovation Trust Fund
- Sanitation Financing Partnership Trust Fund

Urban Financing Partnership Facility

- Urban Resilience Trust Fund
- Cities Development Initiative for Asia



De-risking innovation before scale

- Championing innovation in response to evolving sector needs and mandates
- Crafting context-relevant solutions for livability

INNOVATION ACCELERATION

The Innovation Acceleration function supports the design and **piloting of new initiatives to integrate innovative approaches into operations, knowledge products, and strategic planning**. This helps modernize the sector and address emerging challenges.

-
- Pilots, Trials and Scale-ups using **Accelerating Innovation through Digitalization (AID 2.0) Program** – collaboration with ADB Ventures
 - Resilient Urban Methane Initiative (RUMI)
 - Solutions for Livability (S4L) Framework and upstream urban assessment for CPS



What's coming in 2026-2028 ...

East, Central, and West Asia

- 2026: \$904 m [7 projects]
- 2027: \$1,631m [11 projects]
- 2028: \$1,042 m [8 projects]

Emerging Areas (cross-regions: housing, tourism, sub-national finance)

- 2026: \$66 m [3 projects]
- 2027: \$560 m [5 projects]

Southeast Asia

- 2026: \$372 m [1 project]
- 2027: \$316m [4 projects]
- 2028: \$325 m [2 projects]

South Asia

- 2026: \$1,249 m [9 projects]
- 2027: \$2,765 m [14 projects]
- 2028: \$2,024 m [9 projects]

Pacific

- 2026: \$80.9 m [4 projects]
- 2027: \$90.6m [4 projects]
- 2028: \$115 m [4 projects]



UZB: Climate-Smart Water Management Improvement Project

➤ Impact

- Environment, health, and living conditions of the population enhanced

➤ Outcome

- Digital transformation to strengthen UJSC and suvtaminots' operation efficiency and climate resilience achieved

➤ Outputs

- Nationwide **bulk metering program** and **asset inventory** of water and wastewater infrastructure expanded
- Climate-**smart water management system**, data management centers, and customer centers operationalized
- UJSC and suvtaminots' management capacity improved

➤ Amount and Financing

- Total: \$143 million (ABL Loan: \$125 million, government: \$18 million)

➤ Implementation Period

- 7 years (Q1 2025 – Q2 2031)

➤ Major Packages

Package	Package Title	Estimated Value (\$ million)	Advertise ment Date
Goods and Works			
CSWMP-DB-02	Design, Supply, and Installation of Bulk Metering and Telemetry Systems, Package 2	17.38	Q1 2027
CSWMP-DB-03	Design, Supply, and Installation of Bulk Metering and Telemetry Systems, Package 3	12.85	Q1 2027
CSWMP-IT-01	System Integrator Services for Design, Supply, Installation and Operationalization of IT climate-smart water management system	25.21	Q1 2027
Consulting Services			
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CSWMP-CS-03	GIS/AMS Field Data Collection Surveys and Smart System Mapping, Package 2	7.53	Q1 2027
CSWMP-CS-04	GIS/AMS Field Data Collection Surveys and Smart System Mapping, Package 3	10.93	Q1 2027



IND: Chennai Integrated Urban Water Management Project

Financing Total:	\$261 m	Safeguards:	B/B/C
ADB (OCR):	\$261 m	Gender:	GEN
Modality:	Project loan	RCI:	Yes
Track:	Track 1	PSD:	Basic PSD
		Digital:	Level 2

Climate Financing: **\$101.1 m (39%)**
Adaptation: \$70.0 m
Mitigation: \$31.1 m

Target Population 2.6 million

Outcome

Access to safe, reliable, inclusive water supply and sanitation services improved.

Outputs

- Output 1:** Resilient Water and Wastewater Infra modernized.
- Output 2:** Equitable household connections and last-mile services delivered.
- Output 3:** Efficient utility operations and inclusive service delivery strengthened.

Key Updates (January 2026)

- IFB started on 16 Dec 25

Implementation Readiness Assessment

- Design-ready: Yes
- Procurement-ready: In progress (Target Nov 25)
- Institutional Readiness: Yes
- Safeguards Readiness: In progress (Target Jan 26)
- FM Readiness: Yes

Innovations, Value Addition, and Key Lessons

- High project readiness before approval.
- Integrated urban development and trenchless tec.





IND: Puducherry Integrated Urban Livability Improvement Project

Financing Total:	\$250 m	Safeguards:	B/B/B
ADB (OCR):	\$175 m	Gender:	EGM
Modality:	Project loan	RCI:	No
Track:	Track 1	PSD:	Basic PSD
		Digital:	Level 3

Climate Financing: **\$134.37 m (77%)**
Adaptation: \$45.82 m
Mitigation: \$88.5 m

Target Population 1.78 million

Outcome

Sustainable and resilient urban service delivery improved in the Union Territory of Puducherry.

Outputs

- Output 1:** Climate-resilient water supply and sanitation services enhanced.
- Output 2:** Urban public spaces rejuvenated.
- Output 3:** Institutional capacity and financial sustainability strengthened..

Key Updates (February 2026)

- IFB started on 27 Feb 2026.
- DPR for remaining components (Target Apr-2026)
- Safeguards assessment in progress (Target Apr-2026)

Implementation Readiness Assessment

- Design-ready: In progress (Target Apr-2026)
- Procurement-ready: In Progress (Target Jun-2026)
- Institutional Readiness: Yes (PMU formed)
- Safeguards Readiness: In progress (Target Apr-2026)
- FM Readiness: N

Innovations, Value Addition, and Key Lessons

- High project readiness and due diligence before approval.
- Emphasis on service delivery and financial sustainability.





Performance-based NRW Contract in Fiji



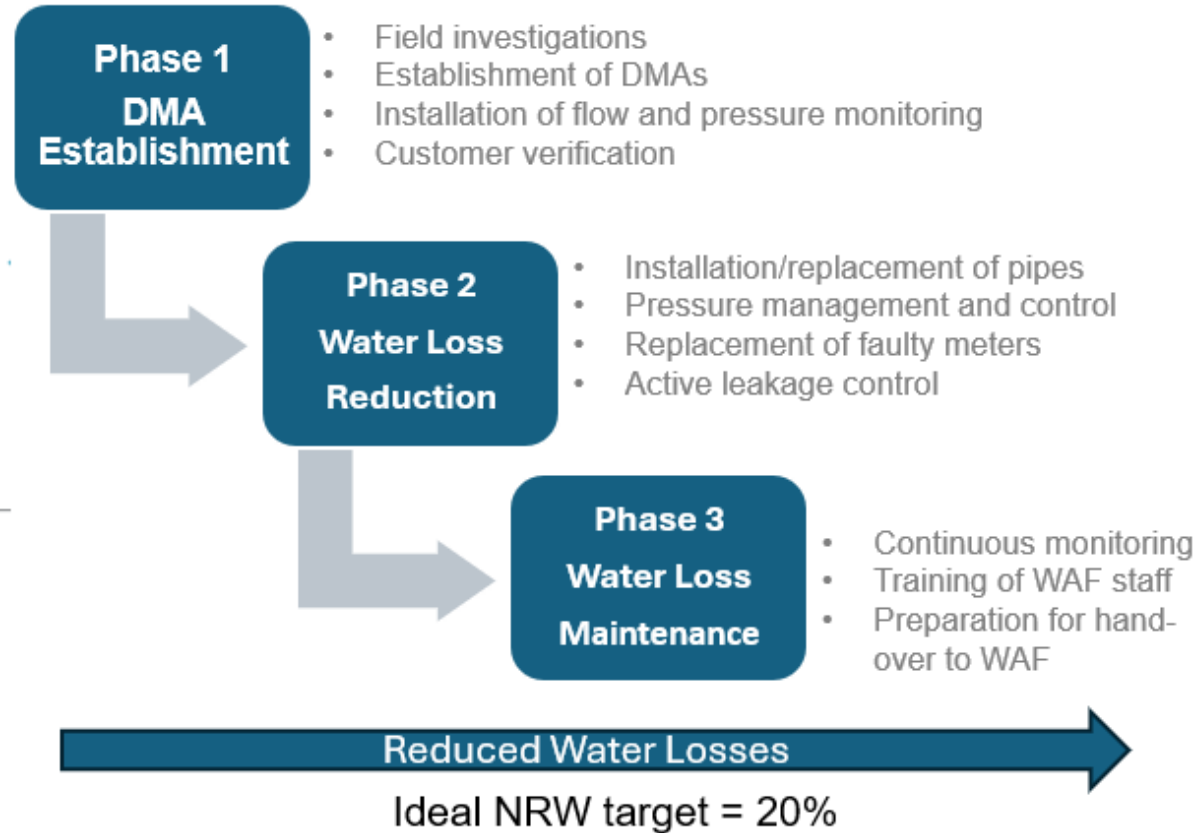
Sustainable Water Loss Reductions in the Greater Suva Area

- ❖ 5-year performance-based contract with experienced private operator
- ❖ Operator to develop improvement plan to bring non-revenue water down to around 20%
- ❖ After initial, ‘discovery’ phase, payments to contractor are 70% based on performance in reducing and maintaining non-revenue water levels



Performance-based NRW Contract in Fiji

5-Year Contract with Private Sector Operator





Sustainable Tourism Development

- **SRI LANKA: Sustainable Tourism Sector Development Program** supports in creating a resilient, inclusive, and sustainable tourism sector and be leveraging private sector participation through strategic reforms and targeted catalytic investments.
- **LAO: Urban Environment Improvement Investment Program** improves the tourism and tourism-enabling infrastructure in Luang Prabang. The strategic partnership with LAO government on subsequent projects to be delivered in 2026 will replicate the same project formulation in the other provinces.
- **IND: Sustainable and Inclusive Tourism Development Project in Himachal Pradesh** is improving the tourism infrastructures and features, and institutional capacities to establish Himachal Pradesh as a leading sustainable tourism destination.
- **Regional Cooperation – Strategies:** CAREC Tourism Strategy 2030, ASEAN Tourism Strategy, SASEC – Buddhist Circuit Tourism.



Social and affordable housing

- **BHUTAN: Green and Resilient Affordable Housing Sector Project** - green and resilient affordable housing for low-income households.
- **INDIA: Inclusive, Resilient, and Sustainable Housing for Urban Poor Sector Project in Tamil Nadu** delivers affordable and resilient green housing, including in-situ reconstruction and new construction, using green design principles, optimizing thermal comfort.
- **PAKISTAN: Sindh Emergency Housing Reconstruction Project** will deliver construction of 250,000 flood-affected housing units and community infrastructure for 100,000 households.
- A cross-sectoral approach is underway to enable a loan for **India’s Housing and Urban Development Corporation**, expand affordable solutions for industrial workers in **Telangana Affordable & Industrial Workers Housing Project in India**, establish an **Odisha Urban Housing Fund**, facilitate **Rental Housing in Maharashtra**, and **emergency and social housing interventions in Sri Lanka**.





Subnational finance, sub-sovereign and Non sovereign financing

- Work with PSOD in non-sovereign loans to (i) the Manila Water Company for the Water Supply for Climate Resilience Project, and (ii) Greater Chennai Corporation Municipal Financing in India.
- Discussions with cities and regional development authorities in India on market-based financing to support upstream work for creditworthiness to tap the Urban Challenge Fund downstream.





Key business opportunities in **WUD**?

Quality infrastructure :

- Services (project preparation, designs, implementation support)
- Technology, innovation, digitalization
- Advance engineering based on international best practices

Capacity support



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Thank you!



South Asia 2026 Pipeline

	DMC	Project	Team Leaders	Amount (\$ M)
1	BAN	Cluster Towns Water Supply and Sanitation Project	P. Lavery / T. Ribeiro / A. Roy	150.00
2	BAN	Narayanganj Green and Resilient Urban Development Project	M. Tada / A. Roy	115.84
3	IND	Chennai Integrated Urban Water Management Project	K. Nakamitsu / A. Viswanath	261.00
4	IND	Nagaland Green and Resilient Urban Development Project	B. Mann / C. Batarda	130.00
5	IND	Puducherry Integrated Urban Livability Improvement Project	L. Chen / B. Kumar	127.30
6	NEP	Integrated Water Supply and Sewerage Management Project	G. Shafi / N. Giri	115.00
7	NEP	Kathmandu Valley Water Supply Sector Reform Program – Subprogram 1	P. Srivastava / B. Mann	50.00
8	SRI	Sustainable Water Supply and Sanitation Project	K. Dahanayake / Y. Ikeda	200.00
9	SRI	Water Supply and Sanitation Reform Program – Subprogram 2	Y. Ikeda / K. Dahanayake	100.00
TOTAL				1,249.14



East and Central West Asia – 2026 Pipeline

Country	Project Title	Modality	ADB Financing (\$ million)
ARM	Seismic Safety Improvement Program 3	Results-Based Lending	293.0
GEO	Preparing the Urban and Coastal Resilience Project (Activity 3)	Small Expenditure Financing Facility	3.5
PAK	Partial Credit Guarantee for Sustainable and Green Infrastructure in Pakistan	Partial Credit Guarantee	140.0
	Preparing Urban and Water Projects in Sindh	Project Readiness Financing	15.0
	Sindh Transformational Accelerated Rural Water Supply, Sanitation and Hygiene Services Project – Phase 1	Project Lending	100.0
PRC	Guangxi Zero-Waste City Pilot Program	Results-Based Lending	150.0
UZB	Climate Resilient Water and Sanitation Services Project Phase 1	Project Lending	202.0



Southeast Asia 2026-2028 Pipeline

Projects for Approval	PTL	Co-TL	Firm Commitment Year	PCP/ Note Approval	ADB Financing (in \$ million)
INO: Regional Water Security Project	A. Nash	A. Carolina	2026	April 2025	372.00
TIM: Resilient Port City Project	M. Casas	J. Pereira	2027	Jun 2026	60.00
TIM: Dili and Secondary Cities Water Security Project	P. De Almeida	J. Pereira	2027	Nov 2026	115.00
VIE: Secondary Cities Environment Improvement Project - Lam Dong Province	A. Nash/ Binh Nguyen	Tien Pham	2027	2023	41.78
VIE: Ha Tinh City Priority Infrastructure for Climate Adaptation Project	A. Nash	H. N. Do	2027	2023	98.90
CAM: Livable, Resilient and Water Security Cities Investment Program Tranche 2	A. Morel	R. Sann	2028	N/A	275.40
THA: Air, Heat and Water Quality Improvement	A. Nash	J. Tillu	2028	TBD	50.00



Pacific 2026-2028 Pipeline

Projects for Approval	PTL	Co-TL	Firm Commitment Year	PCP/ Note Approval	ADB Financing (in \$ million)
COO: Climate Resilience and Environmental Improvement for Communities Sector Project	K. Katich	L. Chan	2026	●	15.00
FSM: Preparing the Water Security and Resilience Improvement Project (PRF)	P. De Almeida	T. Ribeiro	2026	N/A	5.00
PNG: Urban Water Supply and Sanitation Security and Resilience Improvement Project	E. Galing	S. Chung	2026	●	60.90
VAN: Greater Port Vila Urban Resilience Project (2nd AF)	L. Reiners	M. Barrogo	2026	N/A	13.66*
REG: Circular Pacific via Regional Recycling Network	M. Casas	A. Hampel-Milagrosa	2027	June 2026	10.60
KIR: Sustainable South Tarawa Water Supply Operations Financing Facility	P. De Almeida	A. Woodruff	2027	N/A	10.00
SAM: Water Security Improvement Project	M. Casas	S. Majumder	2027	Sep 2026	40.00
SOL: Resilient Urban Services for Sustainable Tourism and Wetland Preservation (RESTOW)	A. Hampel-Milagrosa	S. Majumder	2027	TBD	30.00
FSM: Water Security and Resilience Improvement Project	P. De Almeida	T. Ribeiro	2028	TBD	5.00
PNG: Urban Water Supply and Sanitation Security and Resilience Improvement Project (AF)	S. Majumder	A. Woodruff	2028	TBD	80.00
RMI: Urban Resilience Improvement Project	T. Ribeiro	S. Hasanah	2028	TBD	20.00



Emerging Areas 2026 Pipeline

DMC	Project Name	ADB Financing \$ million
FIRM		
LAO	GMS Smart and Sustainable Tourism Infrastructure for Inclusive Growth Project	28.0
BHU	Inclusive and Resilient Urban Development	13.0
SRI	Housing Reconstruction and Community Redevelopment (Emergency loan)	25.0
STANDBY		
IND	Inclusive, Resilient, and Sustainable Housing for Urban Poor Sector in Tamil Nadu- Additional Financing	200.0
LAO	Resilient and Sustainable Urban Improvement Project	61.0
IND	Greater Chennai Corporation Municipal Financing Project (Non-sovereign operation)	150.0



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Detailed regional pipeline and project profiles



Central and West Asia

1. Project Readiness Financing (PRF) and Small Expenditure Financing Facility (SEFF)

- Encompassing the master plan, feasibility study, and detailed engineering designs to enhance implementation readiness (PAK, GEO, KGZ, TAJ, UZB)

2. Emerging Areas - Energy-efficient Building and District Heating

- Promoting energy efficiency and mitigating climate change impacts (KGZ, UZB)



East Asia

Comprehensive solutions designed to promote balanced and inclusive development

- PRC - climate resilient urban and urban-rural development, boarder area development, and biodiversity protection
- MON - ger area and satellite city development





A. 2026 Firm Pipeline – 7 projects in 5 countries (\$903.5 million)

Country	Project Title	Modality	ADB Financing (\$ million)
ARM	Seismic Safety Improvement Program 3	Results-Based Lending	293.0
GEO	Preparing the Urban and Coastal Resilience Project (Activity 3)	Small Expenditure Financing Facility	3.5
PAK	Partial Credit Guarantee for Sustainable and Green Infrastructure in Pakistan	Partial Credit Guarantee	140.0
	Preparing Urban and Water Projects in Sindh	Project Readiness Financing	15.0
	Sindh Transformational Accelerated Rural Water Supply, Sanitation and Hygiene Services Project – Phase 1	Project Lending	100.0
PRC	Guangxi Zero-Waste City Pilot Program	Results-Based Lending	150.0
UZB	Climate Resilient Water and Sanitation Services Project Phase 1	Project Lending	202.0



B. 2027 Indicative Pipeline – 11 projects in 9 countries (\$1,631.1 million)

Country	Project Title	Modality	ADB Financing (\$ million)
ARM	Sevan Environmental Viability and Advanced Green Engineering	Project Lending	100.0
AZE	Kura-Baku Water Security, Transmission Resilience, and Efficient Asset Modernization Project	Project Lending	150.0
GEO	Developing Resilient Infrastructure for Vibrant Economies	Sector Lending	200.0
KAZ	Urban Infrastructure Modernization Program - Wastewater Treatment Project	Project Lending	135.1
KGZ	Jalal-Abad Water Supply and Sanitation Development Project	Results-Based Lending	40.0
PAK	Developing Resilient Environments and Advancing Municipal Services in Punjab Project- Phase 2	Project Lending	215.0
TAJ	Dushanbe Urban Water Resilience Project	Project Lending	38.0
TUR	Türkiye Urban Resilience and Municipal Service Improvement Project	Sector Lending	233.0
	Marmara Urban Resilience and Adaptation Project	Project Lending	300.0
UZB	Modernization of District Heating Systems in Navoiy, Tashkent, and Fergana Regions Project	Project Lending	200.0
	Sustainable Urban Services Projects Readiness Financing	Project Readiness Financing	20.0



C. 2028 Indicative Pipeline – 8 projects in 6 countries (\$1,042.2 million)

Country	Project Title	Modality	ADB Financing (\$ million)
KGZ	Solid Waste Environmental Enhancement Project	Project Lending	40.0
MON	Infrastructure Development for Green and Resilient New Satellite City in the Khushig Valley Area	Project Lending	100.0
	Aimags and Soums Green Regional Development Investment Program - Tranche 2	Project Lending	102.2
PAK	Khyber Pakhtunkhwa Intermediate Cities Improvement Project - Phase 2	Project Lending	180.0
	Sindh Urban Water and Sanitation Services Improvement Project	Project Lending	300.0
TAJ	Dushanbe Solid Waste Management	Project Lending	20.0
TUR	Integrated Community Development Program	Project Lending	200.0
UZB	Sustainable Solid Waste Management for a Circular Economy Project	Project Lending	100.0



UZB: Climate-Smart Water Management Improvement Project

➤ Impact

- Environment, health, and living conditions of the population enhanced

➤ Outcome

- Digital transformation to strengthen UJSC and suvtaminots' operation efficiency and climate resilience achieved

➤ Outputs

- Nationwide **bulk metering program** and **asset inventory** of water and wastewater infrastructure expanded
- Climate-**smart water management system**, data management centers, and customer centers operationalized
- UJSC and suvtaminots' management capacity improved

➤ Amount and Financing

- Total: \$143 million (ABL Loan: \$125 million, government: \$18 million)

➤ Implementation Period

- 7 years (Q1 2025 – Q2 2031)

➤ Major Packages

Package	Package Title	Estimated Value (\$ million)	Advertise ment Date
Goods and Works			
CSWMP-DB-02	Design, Supply, and Installation of Bulk Metering and Telemetry Systems, Package 2	17.38	Q1 2027
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CSWMP-CS-03	GIS/AMS Field Data Collection Surveys and Smart System Mapping, Package 2	7.53	Q1 2027
CSWMP-CS-04	GIS/AMS Field Data Collection Surveys and Smart System Mapping, Package 3	10.93	Q1 2027



TUR: Turkiye Post Disaster Municipal Services Improvement and Resilience (Sector) Project

➤ Impact

- Resilience of settlements and society against disasters increased, environment protected, quality of life in cities improved, and development gaps between regions reduced (Twelfth Development Plan [2024-2028])

➤ Outcome

- Access to essential municipal services improved and made disaster- and climate-resilient

➤ Outputs

- Urban infrastructure improved and made disaster- and climate-resilient
- Institutional capacity in delivering sustainable disaster and climate-resilient municipal services strengthened

➤ Amount and Financing

- Total: € 176.4 million
 (ABL Loan: € 150.0 million, government: € 26.4 million)

➤ Implementation Period

- 7 years (Q4 2025 – Q2 2031)

➤ Major Packages

Package	Package Title	Estimated Value (€ million)	Advertisement Date
Goods and Works			
PDMSIRSP-DİSKİ-01	Ergani Drinking Water, Sewerage Network Project	29.00	Q2 2026
PDMSIRSP-BESNİ-02	Besni Drinking Water and Sewerage Network Project	35.00	Q3 2026
PDMSIRSP-BESNİ-05	Besni Wastewater Treatment Plant Project, including 1 year O&M	16.60	Q3 2026
PDMSIRSP-GASKI-03	Yamaçtepe and Güneyşehir Drinking Water Network and Transmission Line Project	31.20	Q4 2026



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South Asia



South Asia Overview

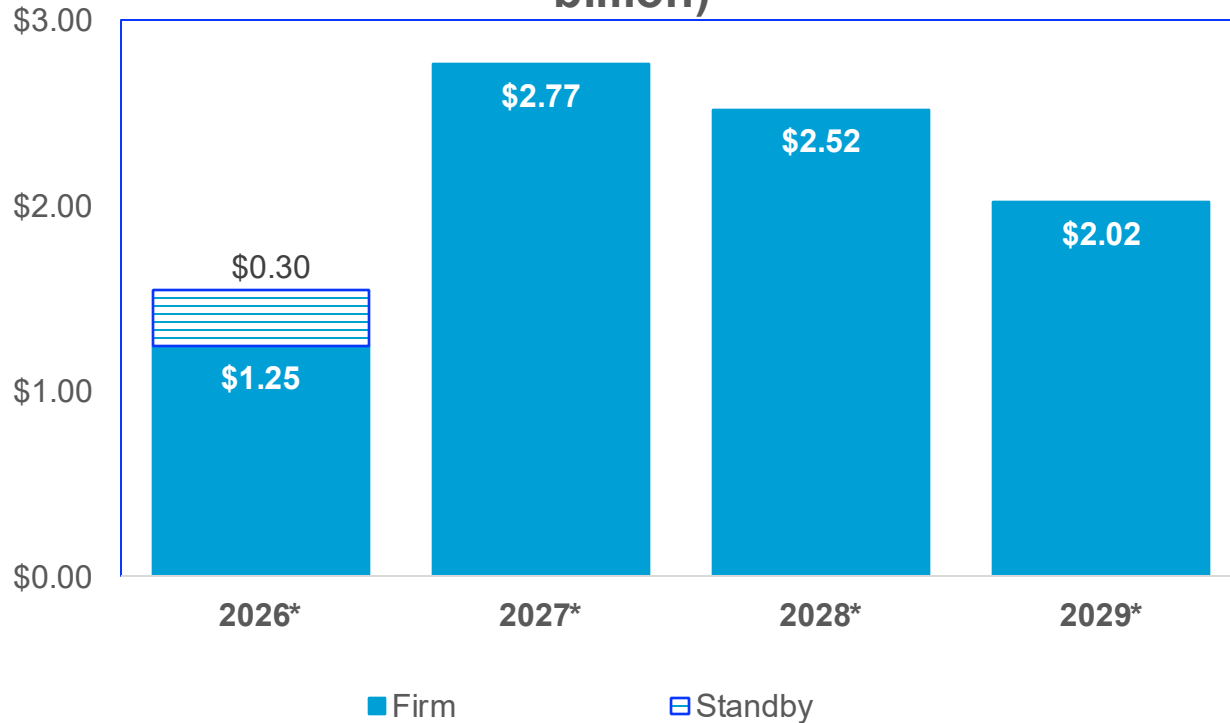


- Cover **6 countries**: Bangladesh, Bhutan, India, Maldives, Nepal, and Sri Lanka.
- Currently manage **54 active projects** worth **US\$8.1 billion**, supported by **43 staff** across the region.
- For **2026**, we plan to bring **9 new projects** worth **US\$1.25 billion** for ADB Board consideration.
- Our key projects focus on:
 1. Water supply
 2. Sanitation
 3. Solid waste management
 4. Integrated urban development

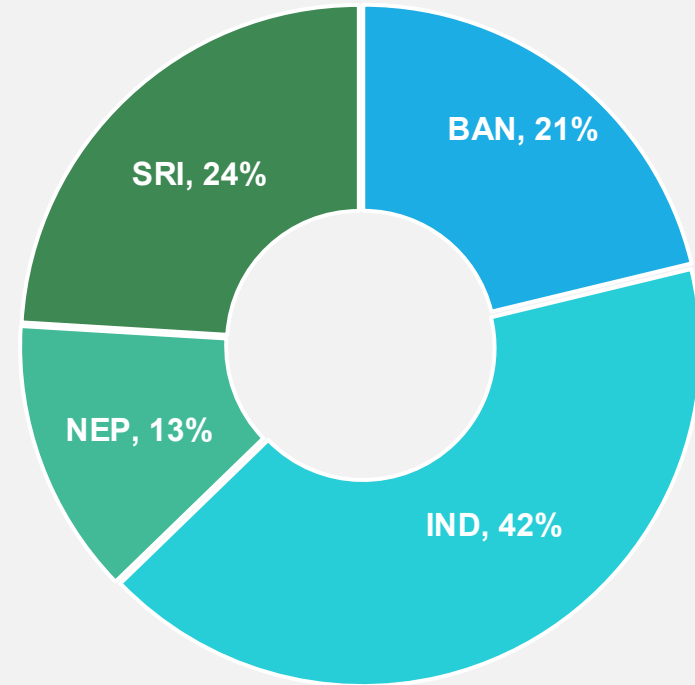


- \$1.25 billion pipeline projects will be processed in 2026; IND gets the largest share at 42%

Total commitments from 2026–2029, (\$ billion)



Share of each DMC in the 2026 firm pipeline projects (%)





Strategic Direction in South Asia



Support for balanced urban development (water supply, sanitation, circular economy, housing, tourism, TOD, pollution/disaster). Basic service delivery and capacity building for urban governance and strengthen the institutional readiness for lower-income states.



Focus on integrated solutions and innovations: ADB facilitates integrated multi-sectoral solutions through OneADB approach and harnessing technology and digital tools (e.g., Musi Riverfront Development, Creative Redevelopment, and Cities as Growth Hubs).



Leveraging regional and global partnerships: ADB facilitates partnerships to mobilize knowledge, finance, and innovation for sustainable urban development (e.g., URTF, JFPR).



Expanding solutions through the private sector: Mobilizing private capital remains an important priority. Works closely with PSOD, OMDP, OSFG, PSMG to develop enabling ecosystem and attract private capital for investments through viable projects and in line with the government priorities (SRI Galle PPP in WS project for NRW and enhanced service delivery, CR/GH in India through UCF, Tourism development, Affordable housing, Treated WW Reuse, SWM for WtE/CNG)



2026 Pipeline Projects

- Total commitment target of \$1.25 billion in 2026.
- 51% financing for climate action, 100% promoting gender equality, and at least 60% contributing to private sector development and supporting poverty reduction and inclusiveness.

	DMC	Project	Team Leaders	Amount (\$ M)
1	BAN	Cluster Towns Water Supply and Sanitation Project	P. Lavery / T. Ribeiro / A. Roy	150.00
2	BAN	Narayananj Green and Resilient Urban Development Project	M. Tada / A. Roy	115.84
3	IND	Chennai Integrated Urban Water Management Project	K. Nakamitsu / A. Viswanath	261.00
4	IND	Nagaland Green and Resilient Urban Development Project	B. Mann / C. Batarda	130.00
5	IND	Puducherry Integrated Urban Livability Improvement Project	L. Chen / B. Kumar	127.30
6	NEP	Integrated Water Supply and Sewerage Management Project	G. Shafi / N. Giri	115.00
7	NEP	Kathmandu Valley Water Supply Sector Reform Program – Subprogram 1	P. Srivastava / B. Mann	50.00
8	SRI	Sustainable Water Supply and Sanitation Project	K. Dahanayake / Y. Ikeda	200.00
9	SRI	Water Supply and Sanitation Reform Program – Subprogram 2	Y. Ikeda / K. Dahanayake	100.00
TOTAL				1,249.14



2027 Pipeline Projects

Projects	Amount (\$M)	PTL / CoPTL
1. BAN Integrated Services and Livelihood for Displaced Persons from Myanmar and Host Communities Improvement Project – Phase 2	85.00	B. Nguyen / A. Roy
2. BAN Dhaka Sewerage System Development Project	350.00	M. Tada / S. Mamun
3. BAN Coastal Towns Water Supply Improvement Project	150.00	C. Batarda/S. Mamun
4. IND Rajasthan Urban Livability Improvement Project – Phase 1	250.00	B. Kumar/E. Galing
5. IND Delhi Water Supply Improvement Project	300.00	K. Thu/V. Vishal
6. IND Musi Riverfront Development Project (WUD, AFNR, TRA)	170.00	M. Tada/V. Vishal
7. IND West Bengal Industrial and Economic Corridor Sector Development Program (WUD, PSMG)	175.00	R. Shrestha/K. Thu
8. IND Assam Integrated Satellite Township Development Project	250.00	K. Thu/A. Viswanath
9. IND Tripura Integrated Urban and Tourism Development Project	185.00	T. Ueda/S. Chung/B. Kumar
10. IND Greater Kolkata Environmental Improvement Project – Phase 1	350.00	E. Morsheda/A. Viswanath
11. MLD Greater Male' Waste-to-Energy Project – Additional Financing	50.00	G. Shafi/K. Songco
12. NEP Solid Waste Management Project	100.00	E. Galing/N. Giri
13. NEP Kathmandu Valley Wastewater Management Project - Phase 2	200.00	P. Srivastava/A. Viswanath
13. SRI Local Govt Revenue Enhancement Project	135.00	Y. Ikeda/P. Ellepola
14. SRI Water and Urban Activity Support Facility	15.00	K. Songco/K. Dahanayake



2028 Pipeline Projects

Projects	Amount (\$M)
1. BAN Cox's Bazar Urban and Tourism Development Project	TBD
2. BAN Mir Sarai Economic Development Project	TBD
3. BAN Khulna Sewerage System Development Project – Phase 2	150.00
4. IND Amaravati Inclusive and Sustainable Capital City Development Program – Additional Financing	800.00
5. IND Kolkata Municipal Corporation Water Loss Management Project	250.00
6. IND Jharkhand Urban Sewerage System Development Project	159.00
7. NEP Kathmandu Valley Water Supply Sector Reform Program – Subprogram 2	50.00
8. NEP Kathmandu Valley Wastewater Management Project – Phase 2	200.00
9. SRI Climate-Resilient Sustainable Water Supply and Sanitation Project – Phase 2	200.00
10. SRI Large Cities Livability Improvement Project	200.00
11. SRI Water and Urban Activity Support Facility – Activity 2	15.00



South Asia Key Takeaways

- ❑ **Pipeline building focused on innovative, integrated, and impactful projects.** Financing urban transformation with a focus on integrated solutions and innovations.
- ❑ **Emphasis on higher value addition for projects with basic urban services.** We have a long-standing and nationwide engagement in India’s urban and water development sector since 1995 and we’re the principal development partner of the government in Nepal in strengthening water security in the Kathmandu Valley since 1998.
- ❑ **Impact build on long-term engagement, deep client relationships, and sequenced investments** – such as our project in Bangladesh (e.g., Dhaka Water Supply Sector Project, Dhaka Environmentally Sustainable Water Project, Dhaka Water Supply Network Improvement Project, and Dhaka Sewerage System Development Project) and Sri Lanka (Jaffna and Kilinochchi Water Supply Project)



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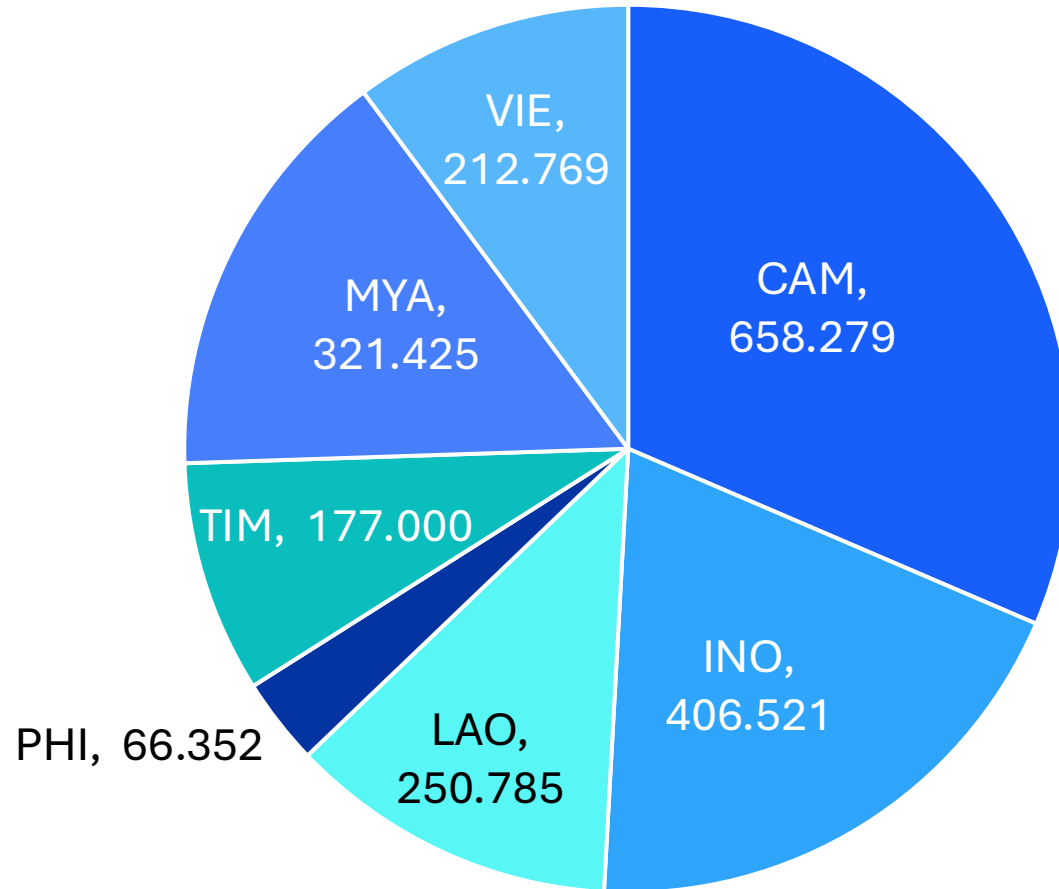
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Southeast Asia and the Pacific



Southeast Asia – Active Portfolio (Loans/Grants)



Figures are in US\$ million

Total: \$2,355 million



Southeast Asia 2026-2028 Lending Pipeline

Projects for Approval	PTL	Co-TL	Firm Commitment Year	PCP/ Note Approval	ADB Financing (in \$ million)
INO: Regional Water Security Project	A. Nash	A. Carolina	2026	April 2025	372.00
TIM: Resilient Port City Project	M. Casas	J. Pereira	2027	Jun 2026	60.00
TIM: Dili and Secondary Cities Water Security Project	P. De Almeida	J. Pereira	2027	Nov 2026	115.00
VIE: Secondary Cities Environment Improvement Project - Lam Dong Province	A. Nash/ Binh Nguyen	Tien Pham	2027	2023	41.78
VIE: Ha Tinh City Priority Infrastructure for Climate Adaptation Project	A. Nash	H. N. Do	2027	2023	98.90
CAM: Livable, Resilient and Water Security Cities Investment Program Tranche 2	A. Morel	R. Sann	2028	N/A	275.40
THA: Air, Heat and Water Quality Improvement	A. Nash	J. Tillu	2028	TBD	50.00



Business Opportunities – Southeast Asia

DMC	Project	Package	Cost Est. (\$ million)	Advertisement
CAM	Livable, Resilient, and Water-Secure Cities Investment Program	Extension of sewerage and drainage systems, including household connections and road reinstatement in East and West Battambang	47.3	Q3 2026
		Flood protection in Kampot, including mangrove restoration	19.0	Q4 2026
		Improvement of WWTP in Kampong Chhnang and Pursat	3.4	Q2 2026
		Sewerage and stormwater drainage system in Kampot (East), including 2-year operation and maintenance	16.0	Q4 2026
		2-year operations and maintenance service contract for wastewater, stormwater and drainage infrastructure, and 2-year operations and maintenance service contract for solid waste management infrastructure	8.6 (5.5 /3.1)	Q3 2026



Business Opportunities – Southeast Asia

DMC	Project	Package	Cost Est. (\$ million)	Advertisement
CAM	Livable, Resilient, and Water-Secure Cities Investment Program	Solar PV panels for wastewater treatment plants, landfills and public toilets in Kampong Chhnang, Pursat, Battambang, Serei Saophaon, Stung Saen, Kampot, Kep and Stung Treng	2.4	Q2 2026
		Plant equipment for operation and maintenance services for wastewater treatment plant in Kampong Chhnang, Pursat, Battambang, Serei Saophaon, Stung Saen, Kampong Cham, Stung Treng, Kep, Kampot	4.3	Q2 2026
		Plant equipment for landfill and waste segregation at source in Kampong Chhnang, Pursat, Serei Saophaon, Battambang, Stung Saen, Kampong Cham, Kratie and Stung Treng	9.6	Q2 2026
		Improvement of landfill in Kampong Chhnang, Pursat and Serei Saophaon	7.8	Q2 2026



Business Opportunities – Southeast Asia

DMC	Project	Package	Cost Est. (\$ million)	Advertisement
CAM	Rural Water Supply, Sanitation, and Hygiene Improvement Sector Development Program	New drilled wells, rehab of existing drilled wells and installation of PE tanks for Batch 2	5.7	Q2 2026
		Construction of pipe system for Batch 2	1.2	Q2 2026
CAM	Livable Cities Investment Project	Kampot Combined Sewerage and Drainage Network incl. Two Years of O&M	10.5	Q2 2026
INO	Regional Water Supply Project (Proposed)	National and Regional Project Management Consultants	30.0	Q3 2026
		Various CW Packages: Water treatment plants and transmission and distribution networks	300.00 (est.)	Q4 2026 – Q4 2027



Pacific 2026-2028 Lending Pipeline

Projects for Approval	PTL	Co-TL	Firm Commitment Year	PCP/ Note Approval	ADB Financing (in \$ million)	Climate Financing (in \$ million)	Climate Adaptation (in \$ million)	Climate Mitigation (in \$ million)
COO: Climate Resilience and Environmental Improvement for Communities Sector Project	K. Katich	L. Chan	2026	●	15.00	15.00 (100%)	15.00	-
FSM: Preparing the Water Security and Resilience Improvement Project (PRF)	P. De Almeida	T. Ribeiro	2026	N/A	5.00	5.00 (100%)	5.00	-
PNG: Urban Water Supply and Sanitation Security and Resilience Improvement Project	E. Galing	S. Chung	2026	●	60.90	38.95 (64%)	38.85	0.10
VAN: Greater Port Vila Urban Resilience Project (2nd AF)	L. Reiners	M. Barrogo	2026	N/A	13.66*	12.84 (94%)	1.67	-
REG: Circular Pacific via Regional Recycling Network	M. Casas	A. Hampel-Milagrosa	2027	June 2026	10.60	TBD	TBD	TBD
KIR: Sustainable South Tarawa Water Supply Operations Financing Facility	P. De Almeida	A. Woodruff	2027	N/A	10.00	0.50 (5%)	0.50	-
SAM: Water Security Improvement Project	M. Casas	S. Majumder	2027	Sep 2026	40.00	35.00 (88%)	35.00	-
SOL: Resilient Urban Services for Sustainable Tourism and Wetland Preservation (RESTOW)	A. Hampel-Milagrosa	S. Majumder	2027	TBD	30.00	2.00 (7%)	1.00	1.00
FSM: Water Security and Resilience Improvement Project	P. De Almeida	T. Ribeiro	2028	TBD	5.00	5.00 (100%)	5.00	-
PNG: Urban Water Supply and Sanitation Security and Resilience Improvement Project (AF)	S. Majumder	A. Woodruff	2028	TBD	80.00	30.00 (38%)	30.00	-
RMI: Urban Resilience Improvement Project	T. Ribeiro	S. Hasanah	2028	TBD	20.00	1.50 (8%)	1.00	0.50
TUV: Funafuti Water Supply and Sanitation Project (AF)	A. Cerelala		2028	TBD	10.00	8.00 (80%)	8.00	-



DMC	Project	Package	Cost Est. (\$ million)	Advertisement
FIJ	Healthy Oceans and Water Improvement Projects	Kinoya wastewater treatment plant	104.9	Q2 2026
		Training hub support consultants	4.5	Q1 2026
PNG	Urban Water Supply and Sanitation Security and Resilience Improvement Project	Rehabilitation of Port Moresby storage reservoir (Touaguba Hill)	0.6	Q2 2026
		Port Moresby sanitation desludging of Waigani sewage pond #3	0.5	Q2 2026
		Mount Eriama Water Treatment Plant (WTP) Upgrade of the master valves and lime dosing	3.6	Q3 2026



Performance-based NRW Contract in Fiji



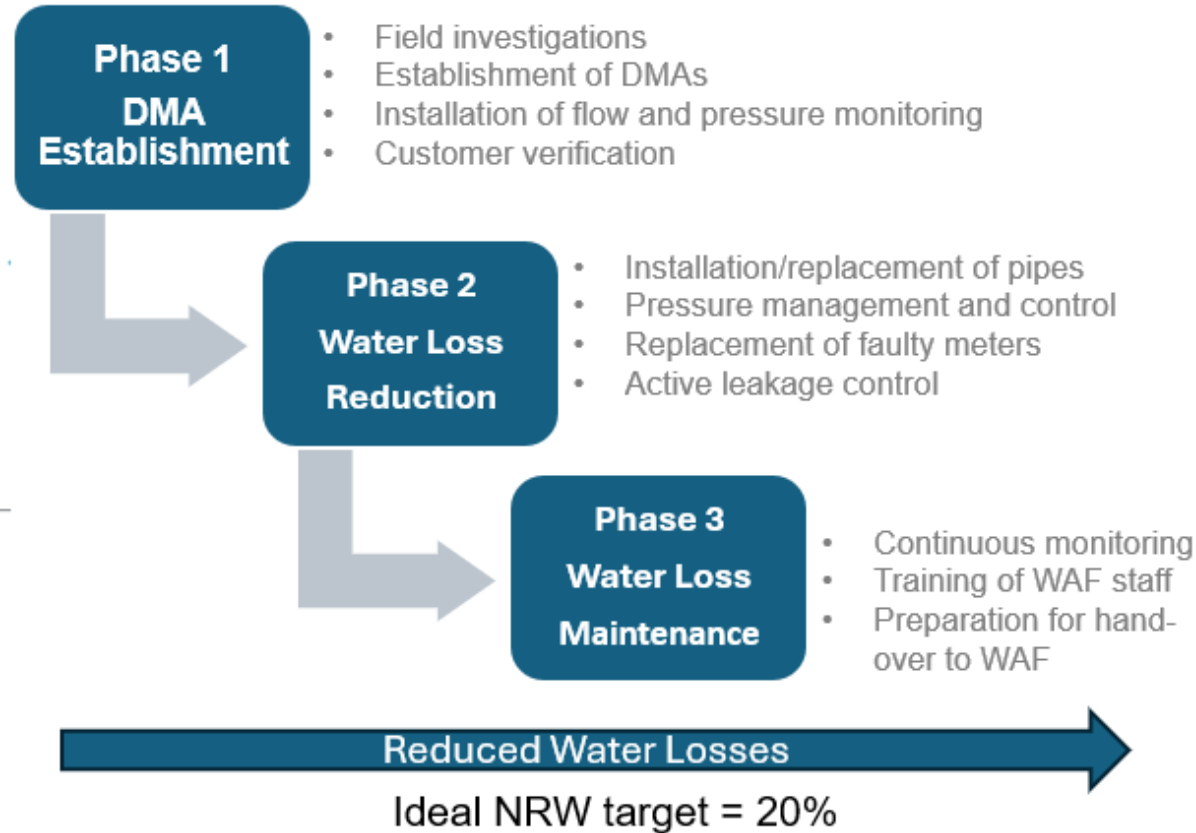
Sustainable Water Loss Reductions in the Greater Suva Area

- ❖ 5-year performance-based contract with experienced private operator
- ❖ Operator to develop improvement plan to bring non-revenue water down to around 20%
- ❖ After initial, ‘discovery’ phase, payments to contractor are 70% based on performance in reducing and maintaining non-revenue water levels



Performance-based NRW Contract in Fiji

5-Year Contract with Private Sector Operator





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Emerging Areas



The team works across all ADB DMCs in processing and administering projects in the following core areas of operations



Sustainable Tourism



Social and Affordable housing



Municipal/Subnational finance
Sub sovereign and Non sovereign financing



➤ **GEORGIA: Livable Cities Investment Project for Balanced Development** enabled an integrated urban planning approach to improve livability, enhance tourism potential by revitalizing cultural heritage, stimulating local economic development and setting new benchmarks for inclusive development. The flagship project covers Urban upgrades: restoration of cultural heritage sites, parks, and green spaces; Community facilities: library and e-learning center, kindergartens, sports complexes; and urban mobility.



➤ **KYRGYZ REPUBLIC: Issyk-Kul Environmental Management and Sustainable Tourism Development Project** builds on Cholpon-Ata's exceptional tourism potential. The project is developing the city tourism master plan and will improve environment-friendly tourism and enabling infrastructures. Key project features include the conservation of one archaeological heritage site, and tourism infrastructures with universal access including for older people and people with disabilities.



➤ **UZBEKISTAN: Integrated Urban Development Project** is upgrading infrastructure and improving livability in three cities. It include a new multi-functional tourist visitor center with digital museum featuring Silk Road tourism, green parks, integrated SWM, and capacity building and livelihood support: tourism management, skills training for women.



Long-term, impactful solutions for social and affordable housing

- **BHUTAN: Green and Resilient Affordable Housing Sector Project** - green and resilient affordable housing for low-income households.
- **INDIA: Inclusive, Resilient, and Sustainable Housing for Urban Poor Sector Project in Tamil Nadu** delivers affordable and resilient green housing, including in-situ reconstruction and new construction, using green design principles, optimizing thermal comfort.
- **PAKISTAN: Sindh Emergency Housing Reconstruction Project** will deliver construction of 250,000 flood-affected housing units and community infrastructure for 100,000 households.
- A cross-sectoral approach is underway to enable a loan for **India's Housing and Urban Development Corporation**, expand affordable solutions for industrial workers in **Telangana Affordable & Industrial Workers Housing Project in India**, establish an **Odisha Urban Housing Fund**, facilitate **Rental Housing in Maharashtra**, and **emergency and social housing interventions in Sri Lanka**.





Subnational finance, sub-sovereign and Non sovereign financing

- Current work with PSOD in processing non-sovereign loans to (i) the Manila Water Company for the Water Supply for Climate Resilience Project, and (ii) Greater Chennai Corporation Municipal Financing in India.
- Discussions with cities and regional development authorities in India on market-based financing to support upstream work for creditworthiness to tap the Urban Challenge Fund downstream.





2026 Pipeline

DMC	Project Name	ADB Financing \$ million
FIRM		
LAO	GMS Smart and Sustainable Tourism Infrastructure for Inclusive Growth Project	28.0
BHU	Inclusive and Resilient Urban Development	13.0
SRI	Housing Reconstruction and Community Redevelopment (Emergency loan)	25.0
STANDBY		
IND	Inclusive, Resilient, and Sustainable Housing for Urban Poor Sector in Tamil Nadu- Additional Financing	200.0
LAO	Resilient and Sustainable Urban Improvement Project	61.0
IND	Greater Chennai Corporation Municipal Financing Project (Non-sovereign operation)	150.0



2027 Firm Pipeline

DMC	Project Name	ADB Financing \$ million
LAO	Resilient and Sustainable Urban Improvement Project	61.0
VIE	Lao Cai Sustainable Urban and Infrastructure Development Project	78.0
IND	Inclusive, Resilient, and Sustainable Housing for Urban Poor in Tamil Nadu (Phase 2) – Additional Financing	200.0
IND	Sustainable and Inclusive Tourism Development Project – Himachal Pradesh – Additional Financing	71.0
IND	Greater Chennai Corporation Municipal Financing Project (Non-sovereign operation)	150.0



2027 Firm Pipeline (continued)

DMC	Project Name	ADB Financing \$ million
SRI	Sustainable Tourism Sector Development Program (Subprogram 2)	80.0
TAJ	Tourism Development Multisector Project	30.0
PAL	PRF: Accelerated Infrastructure Project Preparation and Innovation Facility	15.0



Projects and Major Packages

DMC	Project	Package	Cost Est. (\$ million)	Advertisement
LAO	Urban Environment Improvement Investment Project	UEIIP-CW1 Luang Prabang Solid Waste Management Improvements	8.42	Q2 2026
		UEIIP-CW3a Rehabilitation of Urban Roads Management Improvements	4.10	Q2 2026
		UEIIP-CW3b Rehabilitation of Village across roads, drainage footpaths, streetlights, pond 70 and Riverside Park	5.24	Q2 2026
		UEIIP-CW4 Underground Utility Lines	2.54	Q2 2026



Projects and Major Packages

DMC	Project	Package	Cost Est. (\$ million)	Advertisement
UZB	Integrated Urban Development Project	(Works) Operational efficiency and management effectiveness improvement of the water supply system in Djizzak	1.7	Q2 2026
		Constructing a Fully Furnished Visitor Centre with Digital Museum in Khiva	4.0	Q3 2026
		Urban Governance and Institutional Strengthening Consultant	2.6	Q2 2026
KGZ	Issyk-Kul Environmental Management and Sustainable Tourism Development Project	Issyk-Kul Historical Cultural Museum Renovations	2.1	Q2 2026
		Renovation and Reconstruction of Parks in Cholpon-Ata	6.0	Q2 2026
		Construction of Cholpon-Ata Waterfront Promenade	5.6	Q3 2026
TAJ	Tourism Development Project	Detailed engineering design	3.2	Q1 2026
MON	Ulaanbaatar Green Affordable Housing and Resilient Urban Renewal Sector Project	Construction of Smart Monitoring Center/SCADA Building	3.0	Q3 2026



Projects and Major Packages

DMC	Project	Package	Cost Est. (\$ million)	Advertisement
IND	Sustainable and Inclusive Tourism Development Project in Himachal Pradesh	Construction of Wellness Centre at Nagrota Bagwan (SITDP-HP_W11)	22.47	Q1 2026
		Supply of EV HO-HO Buses (Luxury)/ Visitor Kiosks at all Major-Entry Points/Bus Stands/ Tourist Places/ Safety Equipment/ Rescue Equipment (SITDP-HP_G01)	4.78	Q1 2026
		Supplying and providing of Water Sports Equipment, Jetties, Shikaras, House Boats and other tourist infrastructure development (SITDP-HP_G02)	5.77	Q1 2026
		Beautification and development of Shiv Dham at Mandi (SITDP-HP_W06)	17.46	Q1 2026
		Construction of Wellness Center at Banoti (Shimla) (SITDP-HP_W12)	6.72	Q1 2026



Projects and Major Packages

DMC	Project	Package	Cost Est. (\$ million)	Advertisement
BHU	Inclusive and Resilient Urban Development	Construction of Storm water Drainage, Water Distribution Network, Sewer System, Service Utility Duct, Road Works, Street Lighting, Footpath, Embankment Wall and Culverts (Outfall 3 to Outfall 7)	4.42	Q4 2026
		Construction of Storm water Drainage, Water Distribution Network, Sewer System, Service Utility Duct, Road Works, Street Lighting, Footpath, Embankment Wall and Culverts (YDF to Outfall 3)	5.00	Q4 2026
SRI	Sustainable Tourism Sector Development Program (Subprogram 1)	Heritage Monuments Conservation in Sigiriya (Dambulla)	4.01	Q1 2026
		Heritage Monuments Conservation at Fort Fedrick in Trincomalee	5.01	Q4 2026
		Tourist Amenities Improvement at Back Bay in Trincomalee	3.12	Q4 2026
		Improvement of Galewela Lake and its surroundings	3.01	Q4 2026



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Thank you