

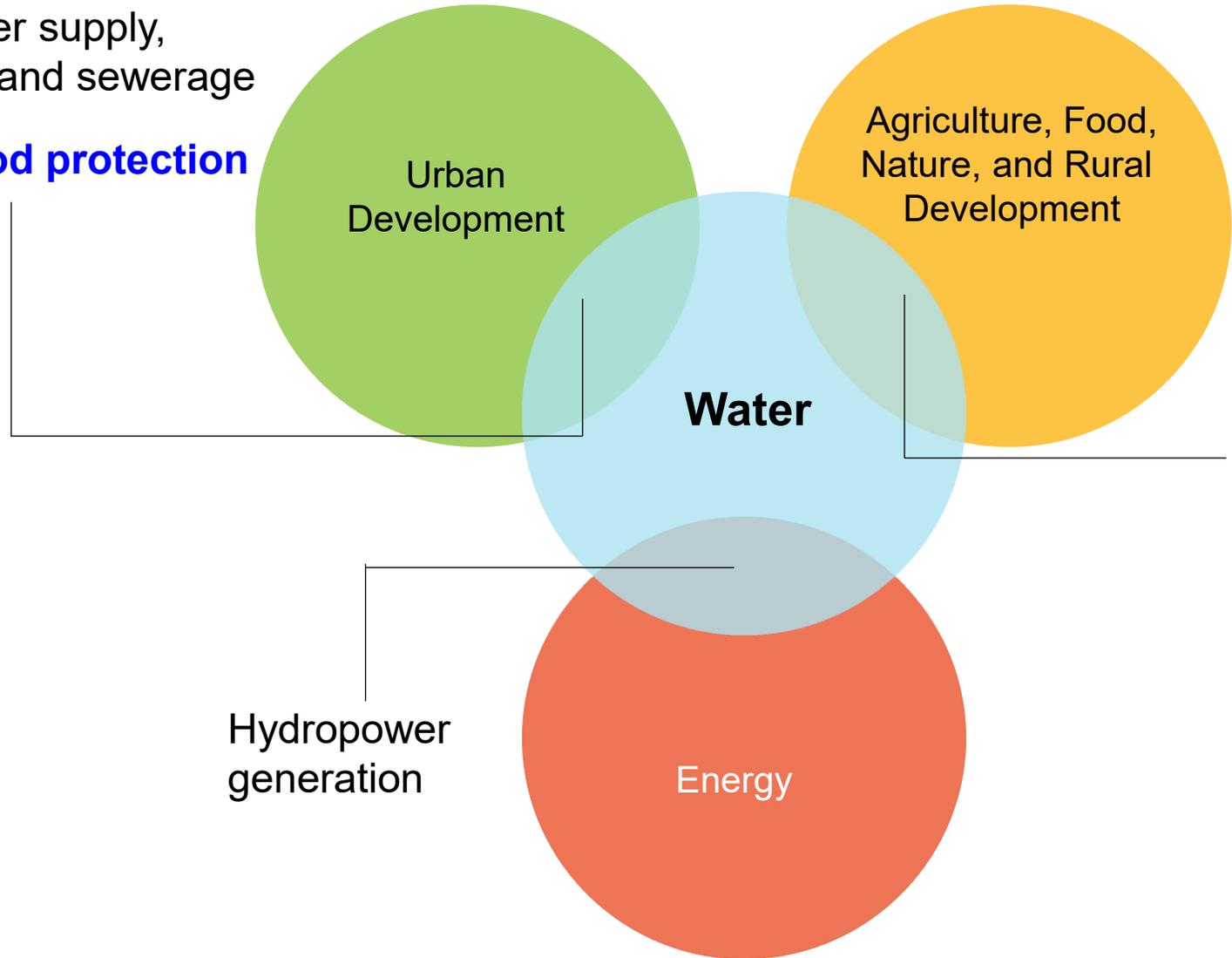


**Overview of  
ADB Water  
and Sanitation  
Operations  
Neeta Pokhrel**

**ADB**

# Water is cross-cutting, managed through three sectors

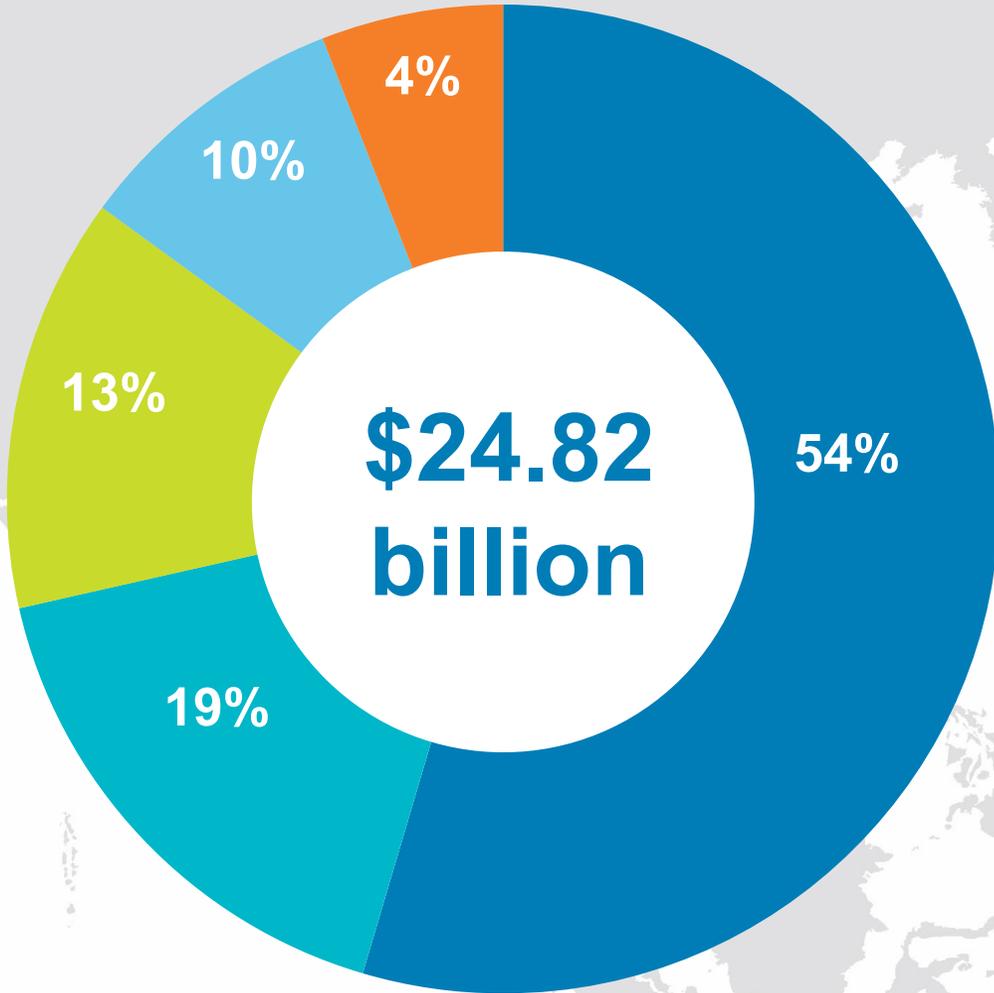
- Urban water supply, sanitation and sewerage
- **Urban flood protection**



- Irrigation and drainage
- Rural water supply and sanitation
- **Rural flood risk management**
- Water-based natural resource management

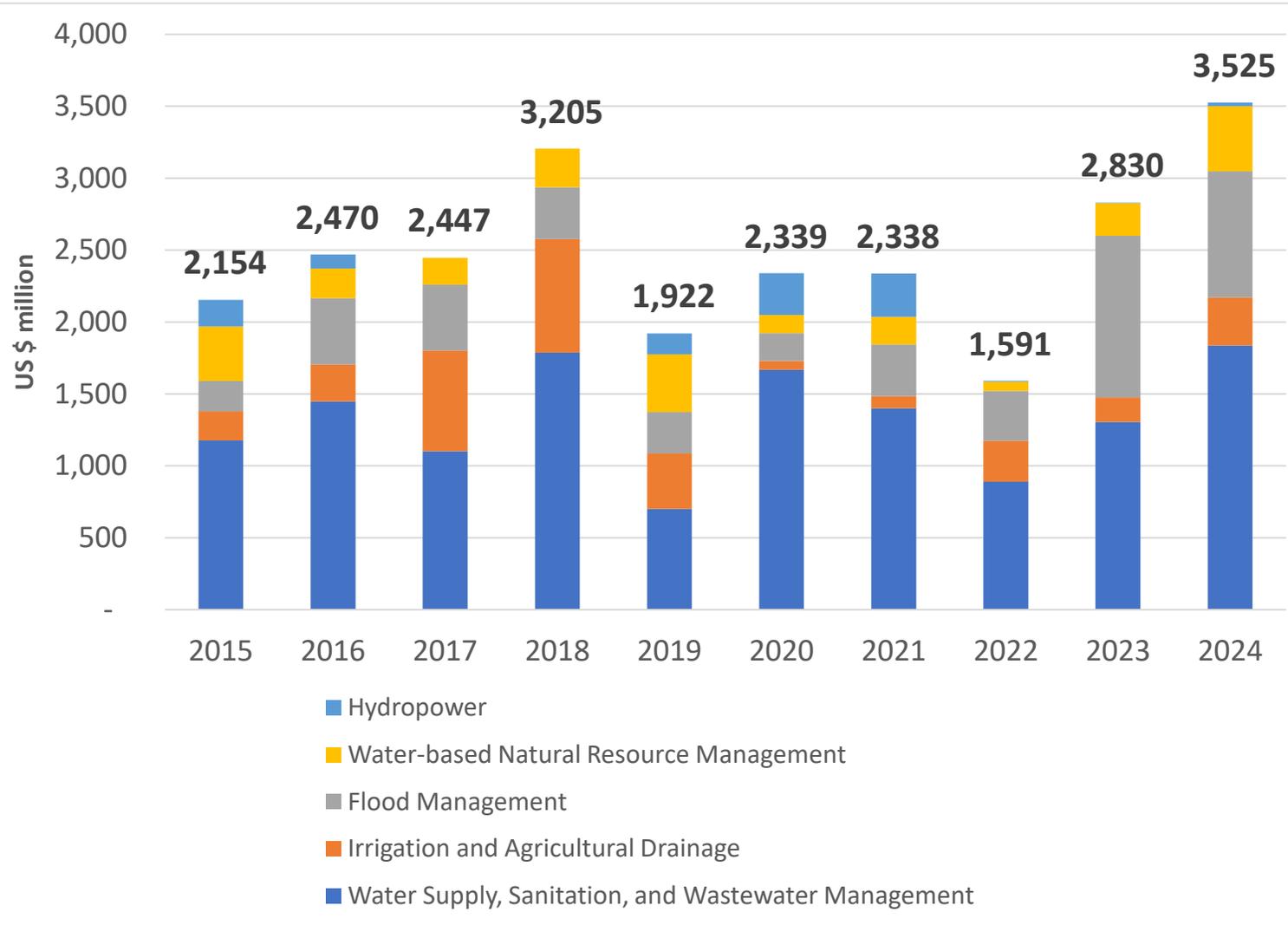
Hydropower generation

# ADB's Water Sector Commitments, 2015-2024 *(cumulative; as of December 2024)*



- Water Supply, Sanitation, and Wastewater Management  
**\$13.31 billion**
- Flood Management  
**\$4.67 billion**
- Irrigation and Agricultural Drainage  
**\$3.28 billion**
- Water-based Natural Resource Management  
**\$2.51 billion**
- Hydropower  
**\$1.06 billion**

# ADB's Water Sector Commitments, 2015-2024 *(\$ million)*



Subsector	2023 (\$ million)	2024 (\$ million)	%
WSSWM	1,304	1,836	↑ 41%
I&D	171	336	↑ 96%
FM	1,125	876	↓ 22%
WBNRM	225	454	↑ 102%
HP	5	24	↑ 378%
<b>TOTAL</b>	<b>2,830</b>	<b>3,525</b>	<b>↑ 25%</b>

# Project Examples: Supporting PPP, Climate Change, Governance, Decentralized Sanitation

## SRI LANKA

### Water Sector Reform Program Policy-Based Loan (approved in 2024)

- Establishing a PPP unit including development of pipeline of water and wastewater projects suitable for PPPs
- Supporting approval of a climate change roadmap for the water and sanitation sector and a Carbon Footprint Reduction Roadmap
- Facilitating revision of water traffic and approval of a wastewater tariff formula

## FIJI

### Healthy Oceans and Water Security Improvement Project (approved in 2025)

- implementing a performance-based NRW contract
- supporting the establishment of a water tariff framework for Fiji
- creating plans for sewerage network expansion and onsite sanitation and septage management



# Project Examples: Promoting Digitalization, Innovations, Good Practices, PPP

## NEPAL

### 3711-NEP: Urban Water Supply and Sanitation (Sector) Project

- supporting the government of Nepal in improving water supply and sanitation services in 70 of the 176 small towns
- three small towns projects introducing continuous water supply, meeting national quality standards, and providing universal household connections with subsidized connections and affordable supply for poor and vulnerable households

## BANGLADESH

### Dhaka Water Supply Network Improvement Project (ongoing)

- Adopting SCADA system for centralized control of the water flow and water pressure
- Expanding district metered areas (DMAs) to reduce water losses and enhance service delivery
- Strengthening monitoring capacity with renewed standard operating procedures at the zone level



## Sanitation Financing Partnership Trust Fund

**Gates Foundation  
(\$27M)**

## Water Innovation Trust Fund

**Austria and Spain**

**Australia (2007-2021)  
Norway (2007-2017)  
Switzerland (2011-2020)**

**(\$58M)**

## Water Resilience Trust Fund

**Netherlands  
(\$20M)**

**Netherlands Trust Fund: \$43.8M (2007-2024)**

# Five Key Dimensions of National Water Security

## Asian Water Development Outlook Evaluates National Water Security



Climatological risk - drought  
Hydrological risk - flooding  
Meteorological risk - storms

Access to water supply  
Access to sanitation  
Health impacts  
Affordability



# Water Organization Partnership for Resilience



**ADB's Water Organization Partnerships for Resilience (WOP4R)** is a twinning program designed to supercharge knowledge sharing and capacity building among water entities in Asia and the Pacific.

WOP4R builds on ADB's Water Operator Partnerships program which has supported utility twinings since 2007.

Scope has expanded to foster river-basin organizations twinning in 2025

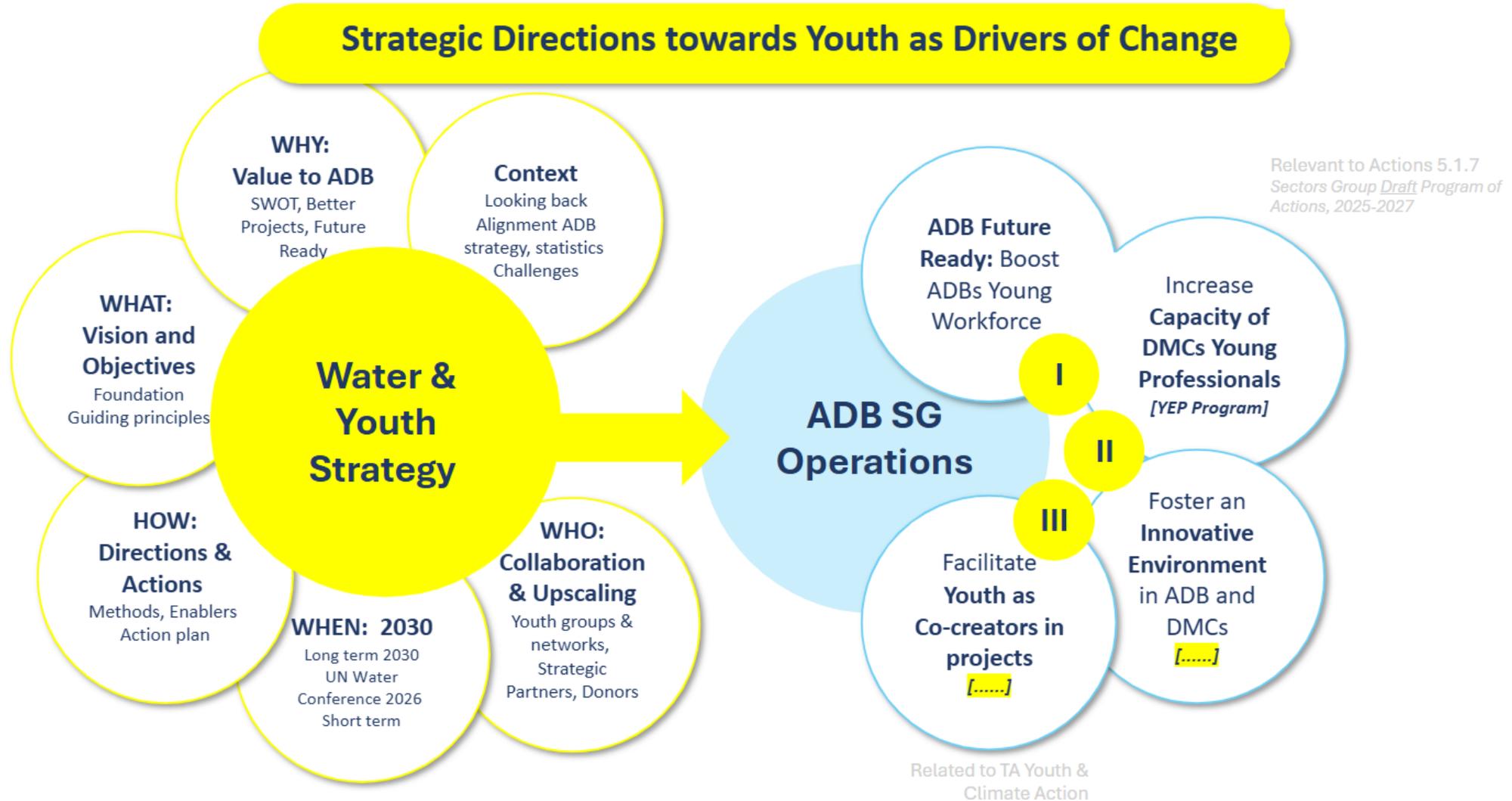
Current program has 3 completed and 9 ongoing twinings.

# Twinnings under WOP4R

Mentee	Mentor	Priority work areas
<b>Completed</b>		
1. Water Sanitation Agency, Rawalpindi (PAK)	Maynilad Water Services, Inc. (PHI)	Sanitation improvements
2. City Environment & Parks Management Office, Baguio (PHI)	Indah Water Konsortium (MAL)	STP process monitoring, sewer maintenance, STP energy efficiency, staff competency
3. Chennai Metro Water Supply and Sewerage Board (IND)	PUB (SIN)	Desalination energy efficiency
<b>Ongoing</b>		
4. Dhaka Water Supply and Sewerage Authority (BAN)	Tokyo Metropolitan Bureau of Sewerage (JAP)	Sewerage improvements
5. Samoa Water Authority (SAM)	Maynilad Water Services, Inc. (PHI)	Water safety protocol, laboratory equipment upgrading
6. Cholpon Ata Vodokanal (KYR)	King County Wastewater Division (USA)	Funding and financial planning, operations and maintenance, stakeholder engagements
7. Balykchy Vodokanal (KYR)	Harzwasserwerke GmbH (GER)	Tariff regulation and policies, wastewater management, NRW management
8. Norzagaray Water District (PHI)	Rowland Water District (USA)	Business planning and financial management, public engagement and social promotion
9. Kawasoti Water Users Committee (NEP)	Metro Cebu Water District (PHI)	Business and financial planning, GIS and asset management, NRW management
10. Water and Energy Commission Secretariat (NEP)	Ministry of Public Works – Cimanuk Cisanggarung (INO)	RBO capacity, integrated water resources management (to be confirmed)
11. Khulna Water Supply and Sewerage Authority (BAN)	Vitens Evides International (NET)	DMA and NRW management, low-income service connections, collection efficiency and revenues
12. Thu Dao Mot Water Joint Stock Company (VIE)	K-water Resources Corp. (ROK)	(to be confirmed)

# Accelerating Inclusion in Water

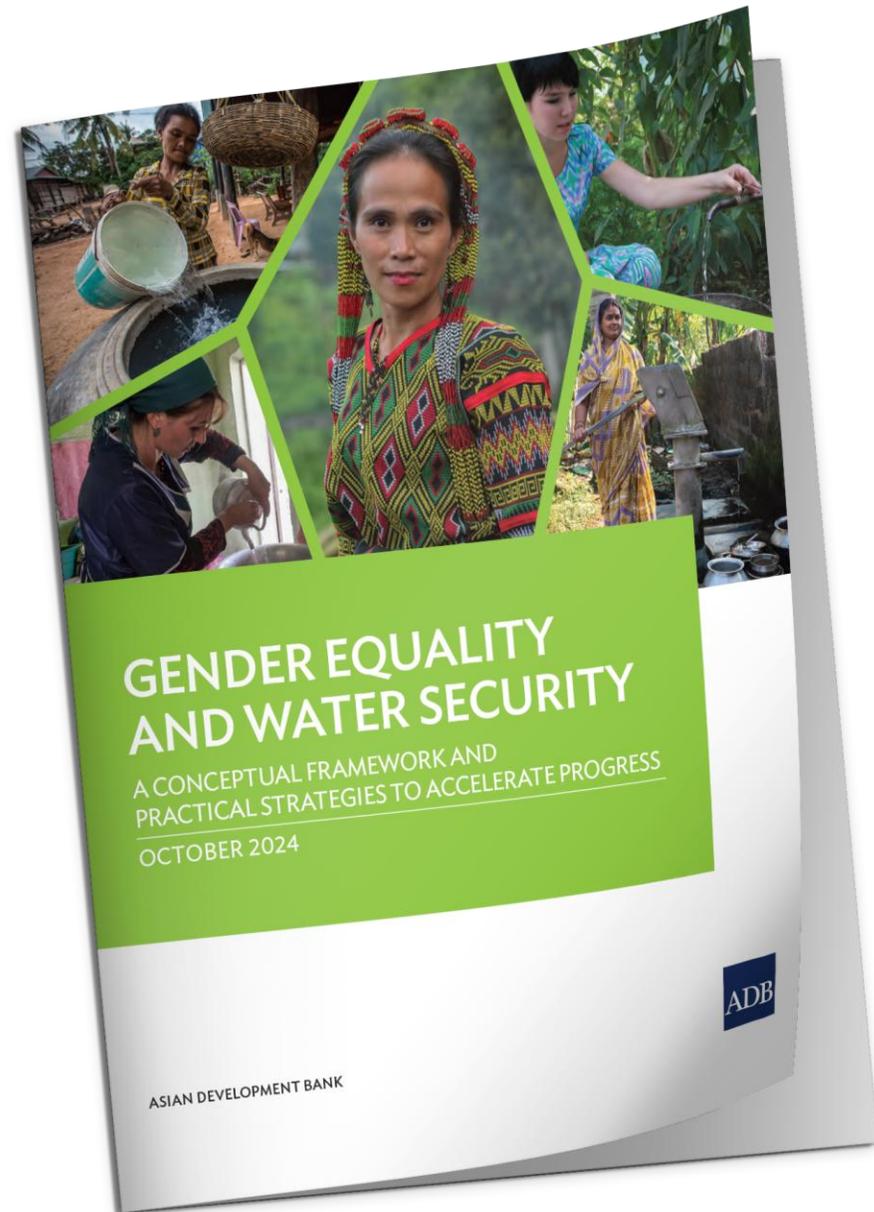
**Water and Youth Strategy** that supports capacity development for young professionals in DMCs, innovative environment, and meaningful youth engagement in ADB projects



# Accelerating Inclusion in Water

## Gender Equality and Water Security Framework

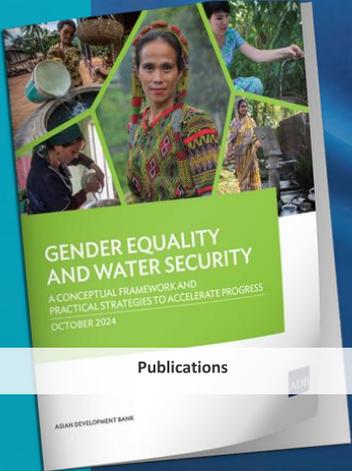
to guide a gendered perspective on water security in policy, project design, analysis and monitoring



# KNOWLEDGE PRODUCTS



Knowledge sharing is a key driver of innovation in the water and urban development sector in ADB. WUD leverages diverse platforms and approaches to deepen understanding of emerging challenges, strengthen sector narratives, and foster collaboration among partners and stakeholders.



Publications



Site Visits



Brown Bag Sessions



Exhibits

# Thank you

