

*The World Bank Group Moves Quickly to Help Countries Respond to COVID-19
with Liquid Facilities for the Utilities and Project Financing solutions*

WELCOME



**Dialogue with World Bank :
Assistance and Financing for the
Water Sector**

7th July 2020, TUESDAY, 9:00am – 10:15am



Co-Organisers

The World Bank



With 189 member countries, staff from more than 170 countries, and offices in over 100 locations the World Bank consists of: The International Bank for Reconstruction and Development (IBRD), which lends to governments of middle-income and creditworthy low-income countries; and The International Development Association The International Development Association (IDA) which provides interest-free loans — called credits — and grants to governments of the poorest countries. Together, IBRD and IDA make up the World Bank.

The International Finance Corporation



The International Finance Corporation (IFC) is the largest global development institution focused exclusively on the private sector. We help developing countries achieve sustainable growth by financing investment, mobilizing capital in international financial markets, and providing advisory services to businesses and governments.

Singapore Water Association (SWA)



Established since 2004, Singapore Water Association has been instrumental in profiling and promoting Singapore as a pivotal regional hub for all water-related services and water technologies, by providing a platform to build effective networking, facilitate opportunities for collaboration, and foster the exchange of ideas and knowledge amongst member companies.

SWA also serves an integral linkage for members, to the global water network through the setting up of Singapore Pavilions at Singapore International Water week and overseas trade shows. In addition, SWA continues to promote development of water technologies and innovations through missions, forums and conferences. There are consistent, ongoing efforts to develop partnerships and collaborations in growth areas of strategic mutual interests and objectives with higher learning institutes and research centres. To-date, SWA has grown to have 260 members from an initial 27 in year 2004.

Housekeeping



- ✓ To ensure a smooth webinar, please mute your microphone and turn off the camera. You may communicate with us after the webinar.
- ✓ Please share your questions in the chat where we will try to provide answers where possible in the Q & A Segment.
- ✓ Do identify yourself so we can respond to any unanswered questions after the webinar
- ✓ We will be recording this webinar session and reserve the rights to the video
- ✓ Please complete a post event survey which upon return, we will forward the recording and presentation deck to the respondents.

Disclaimer

- ❖ All information in this webinar is for general information only and does not contain or convey any legal advice or administrative assistance.
- ❖ Information shared today is true and accurate as of publication date.
- ❖ SWA, World Bank and IFC reserve all rights in the provided materials



Programme

The webinar provides an in-depth understanding of the World Bank's Utility Liquidity Facility, its regional focus and work program, and the International Finance Corporation's (IFC) product range.

Time	Agenda
0900 – 0910	Opening <ul style="list-style-type: none">• Welcome address from Singapore Water Association – Mr Tan Cheng Guan, President, SWA• Opening remarks from World Bank Group – Ms Jyoti Shukla, Director, World Bank Singapore
0910 - 0940	World Bank Assistance and Regional Focus <ul style="list-style-type: none">• Utility Liquidity Facility and Financial Impact Assessment – Ms Patricia Lopez, Senior Infrastructure Finance Specialist• East Asia and South Asia work program – Ms Lilian Pena Pereira Weiss, Senior Water and Sanitation Specialist, Dr Smita Misra, Lead WSS Specialist, World Bank
0940 - 0955	IFC Private Sector Facilities <ul style="list-style-type: none">• IFC's relevant product range – Mr Hao Sun, Senior Investment Officer, Infrastructure & Natural Resources Industry Group, IFC
0955 – 1010	Q & A and Closing



Welcome Address

**SWA Webinar : Dialogue with World Bank and IFC
Assistance and Financing for the Water Cluster
7th July 2020**



Mr. TAN Cheng Guan

**President, Singapore Water Association
Head, Renewables & Environment,
Sembcorp Industries**

Opening Remarks

**SWA Webinar : Dialogue with World Bank and IFC
Assistance and Financing for the Water Cluster
7th July 2020**



Ms. Jyoti Shukla

**Director, The World Bank
Singapore Hub**

Speakers

PATRICIA LOPEZ, Senior Infrastructure Finance Specialist, The World Bank

Ms. Patricia Lopez is a Sr. Infrastructure Finance Specialist with the World Bank's Water Global Practice. She was Program Leader of the Danube Water Program (DWP) from 2016 – 2019, a technical assistance program financed by the Government of Austria targeting countries in the Danube River basin, implemented in partnership by the World Bank and the International Association of Water and Wastewater Companies from the Danube Region (IAWD). At the World Bank, Patricia has worked in providing policy advice on financial and institutional issues to national, regional and local governments, utilities and WSS sector institutions and in preparing, negotiating and managing World Bank lending operations in the water and sanitation and flood management sector. Before joining the Bank, Ms. Lopez worked for different investment banks and consultancy firms advising governments, utilities and private companies in project and corporate finance operations. She holds a post-graduate in financing by Colegio Universatio de Estudios Financieros (C.U.N.E.F), Madrid, Spain. Patricia has hands-on experience in the design of solutions for the provision of water and sanitation services and the financing of infrastructure, particularly with participation of the private sector and PPPs. With the Bank, she has mostly worked in Latin America and the Caribbean, Europe and Eastern Europe.

LILIAN PENA P. WEISS, Senior Water Supply and Sanitation Specialist, The World Bank

Lilian Pena P. Weiss is a Senior Water Supply and Sanitation specialist at the World Bank, based in Singapore. She has been working for over 17 years with World Bank operations, mostly in Latin America and East Asia, and also supported operations in Africa and Europe. She has led over 15 WB-financed investment projects in water sector, including program-for-results financing. Lilian has also worked with water sector reforms, institutional strengthening of water utilities, environmental sanitation topics, community-driven development (CDD) and digital modernization of water utilities. Over the last three years, Lilian has been responsible for the quality assurance and portfolio monitoring in the World Bank's East Asia Water portfolio.

SMITA MISRA is the Lead Water and Sanitation Specialist, World Bank. She did her doctorate in Economics from the Delhi School of Economics and has more than 20 years of experience in the Water sector. Some of her recent contributions are: City-wide Inclusive Water Supply (global study); Sustainability Assessment of Service Delivery Models for Rural Water Supply (multi-country); Shimla Water Supply and Sewerage (WSS) Program; WSS Program for Rebuild Kerala Initiative; Uttarakhand Water Program for Peri-Urban Areas; Performance-based financing for Kenya Urban WSS Project; Water Use and Reallocation, Implications for Economic Growth; Improving Urban WSS Services-Lessons from International Good Practices; Review of Effectiveness of WSS Schemes in India.

HAO SUN, Senior Investment Officer, Infrastructure & Natural Resources Industry Group, IFC

Mr. Hao Sun is a Senior Investment Office based in Beijing, leading its infrastructure investment in China, and water/waste utility sector in Pakistan. Hao has been with IFC for 14 years, and worked in both China and IFC's HQ in Washington DC, with the Global Municipal and Environmental Business team. He has led IFC's investments in the utility and renewable energy industries in China, and is also responsible for portfolio management of several projects. Further to the infrastructure sector, Hao has also led IFC's South-South Cooperation initiatives in China. Before joining IFC in 2006, Hao had worked for DEG (German Investment and Development Co., KfW Banking Group) Beijing Office as an Investment Manager for more than 5 years, and had closed 10+ DEG investments in China, in various industries including manufacturing, agribusiness, banking and infrastructure.

World Bank Assistance

- Utility Liquidity Facility and Financial Impact Assessment –
Ms Patricia Lopez, Senior Infrastructure Finance Specialist,
World Bank

Supporting Water Utilities during COVID19

July 7 , 2020

Presented by Patricia Lopez, Sr. Infrastructure Finance Specialist

World Bank Water GP - *Financial Innovation Team*



WORLD BANK GROUP
Water

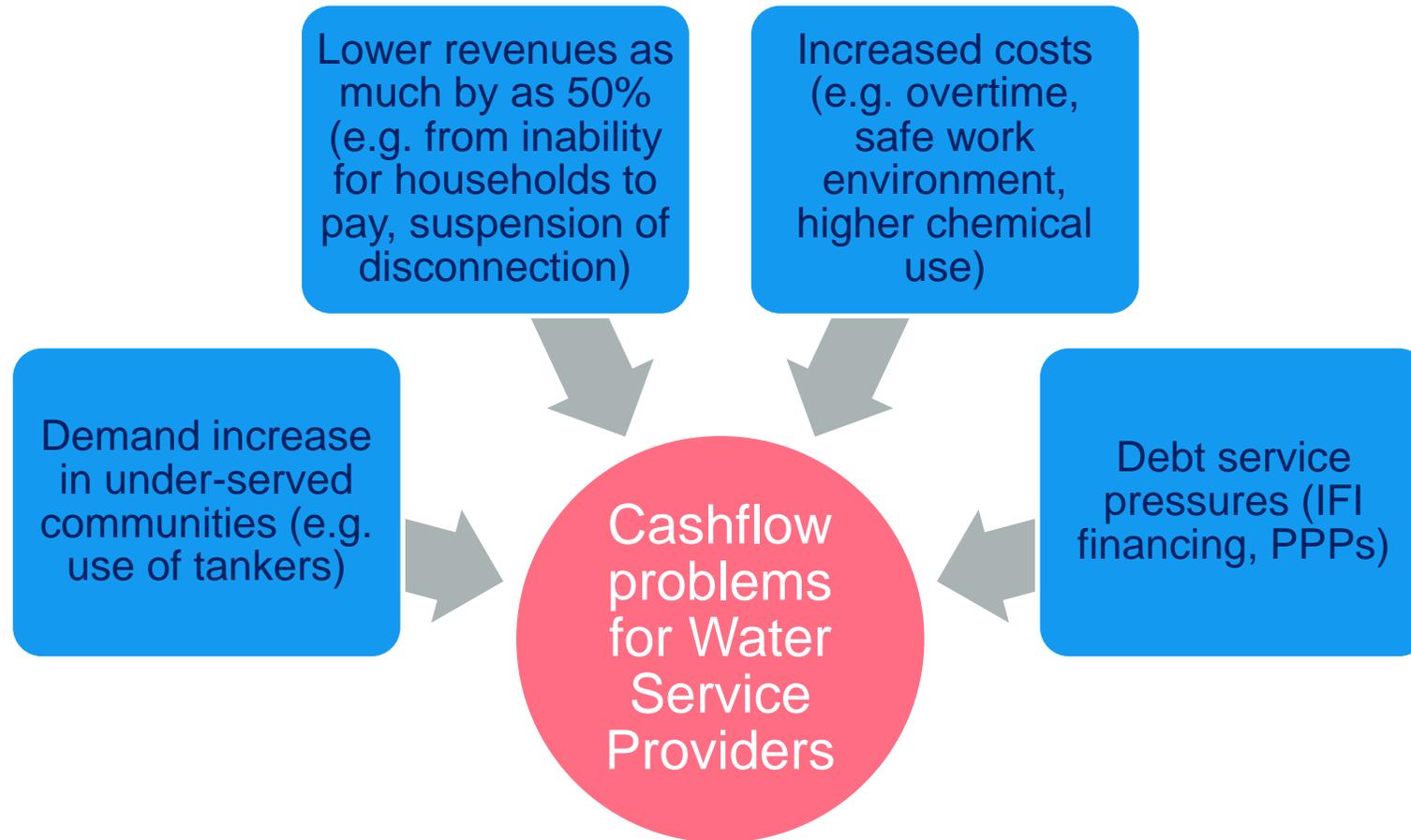
www.wsp.org | www.worldbank.org/water | www.blogs.worldbank.org/water |

@WorldBankWater

COVID19 has meant additional pressure on water service providers to ensure service continuity

- Water utilities face the challenge to keep “water flowing” during the COVID-19 (coronavirus) pandemic, while the outbreak places substantial stresses upon them.
- The COVID-19 crisis has posed three main challenges for water utilities:
 - Loss of collections
 - Reduced availability of inputs
 - Deferral of Critical Investment

...and a Severe Impact on WSP Cashflows



WB Water GP COVID 19 Response

- The [World Bank Water GP](#) is helping water utilities address these challenges (in the short and medium-term). Resources include the following:
 - [Considerations for Financial Facilities to Support Water Utilities in Crisis](#)
 - [COVID-19 Financial Impact Assessment Tool for Water and Sanitation Providers](#)
- These tools developed with funding support from [Global Water Security and Sanitation Partnership \(GWSP\)](#)
- Water GP is also providing COVID19 response support at [Country Level](#) (Zambia, Ethiopia, Ghana, Indonesia, Albania and many others)
- Other Initiatives by Water GP ([UOTF](#), [PIR](#), [City Wide Inclusive Sanitation](#), [Circular Economy and Resilience](#))
- Work with [IFC](#) and [MIGA](#) as one WBG, [WRG 2030](#) and the [private sector](#)

“Considerations for Financial Facilities” Paper

Objective: Lay out options and considerations in the design of Facilities to provide emergency financial support to water utilities in response to the COVID-19 pandemic

Urgency: Utilities cashflows badly already hit, with some indications that cash collections could have decreased as much as 50% in the first few weeks of the pandemic, while costs increased (due to PPE, workplace adjustments, and government-mandated obligations)

Audience: Government policy makers trying to develop financial responses to ensure utilities continue to function during the crisis, and the World Bank country teams and TTLs assisting them

Focus on options, not recommendations: This is appropriate for a global concept, as concrete recommendations depend on local context (e.g. scale of the pandemic, the state of local finances, institutional arrangements, and capacity)

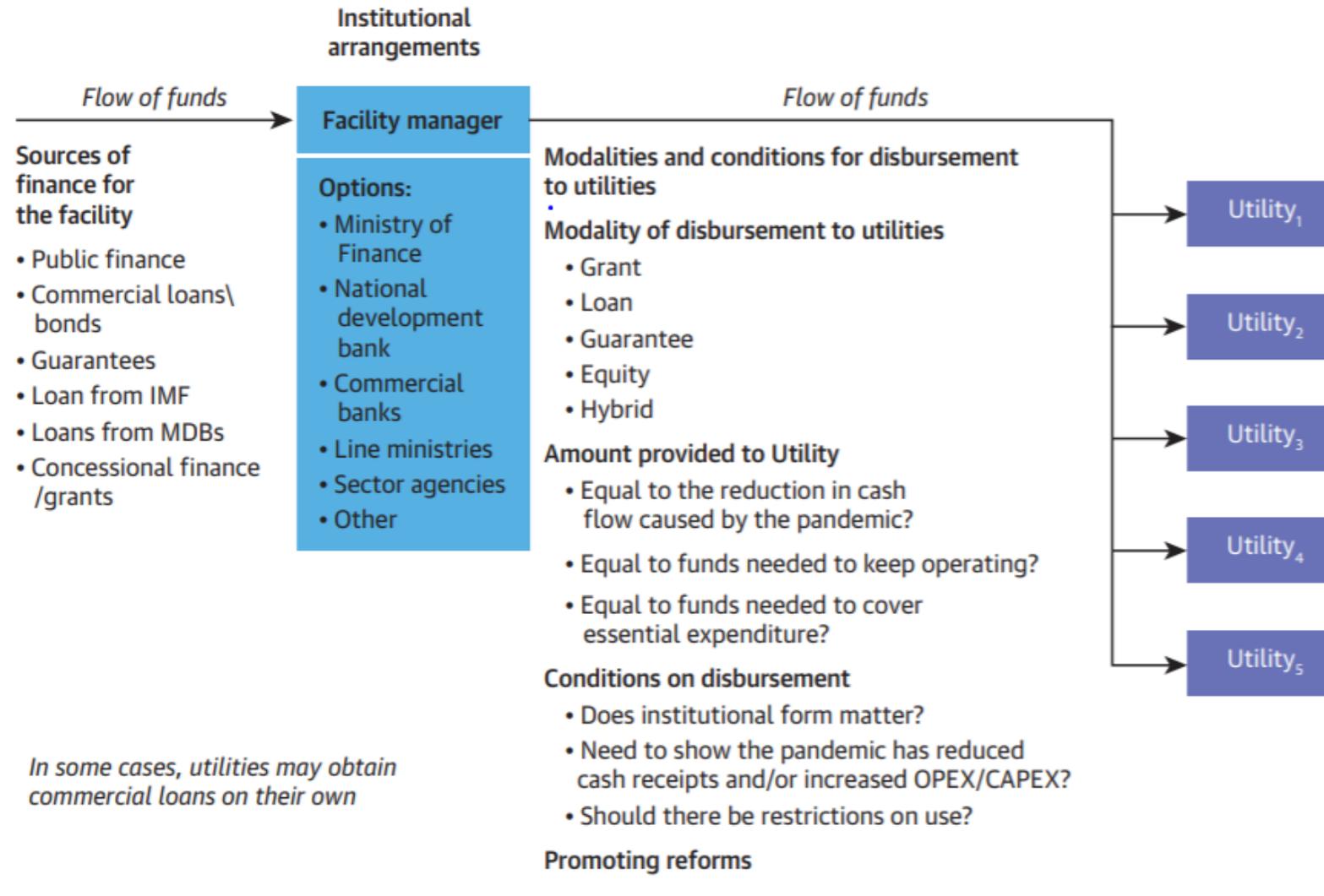


Next, urgent step: World Bank TTLs to tailor and apply these options to the local context

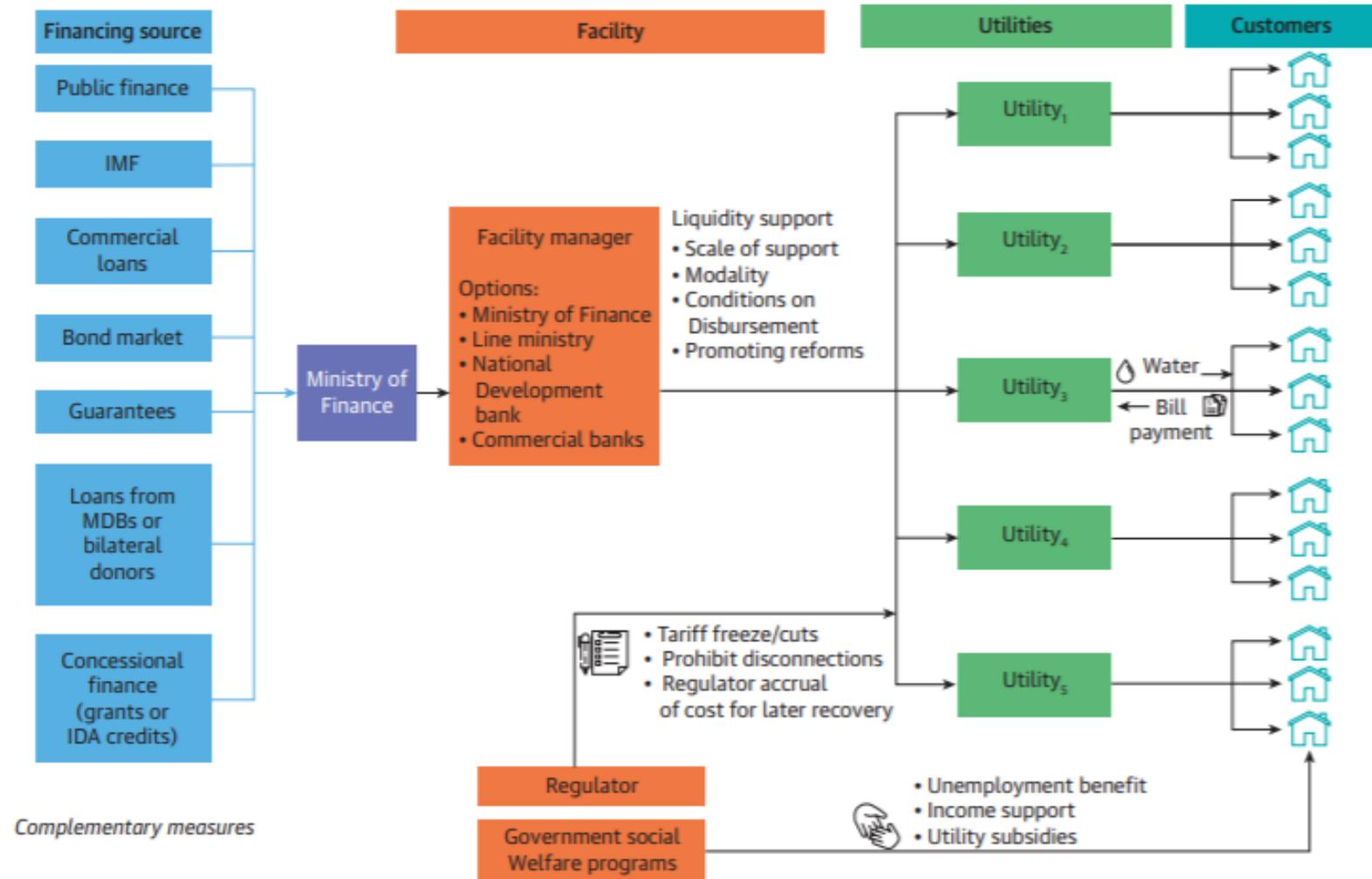
“Considerations for Financial Facilities” Paper

- The report lays out **considerations** that should be examined (by governments and others) when designing a **Water Finance Facility**, which provides **financial support** to help utilities continue providing essential services during a crisis such as COVID-19.
- Looks at **standalone facility** for **water** or a **multi-sectoral facility** encompassing water, electricity, transport and other sectors; national, regional or subnational level; and key technical considerations related to water utilities
- Aims to help **decision makers** incorporate context-specific factors such as the **economic situation**, the **scope** and **scale** of the crisis, and the **institutional arrangements** governing the sector, along with **policy considerations**

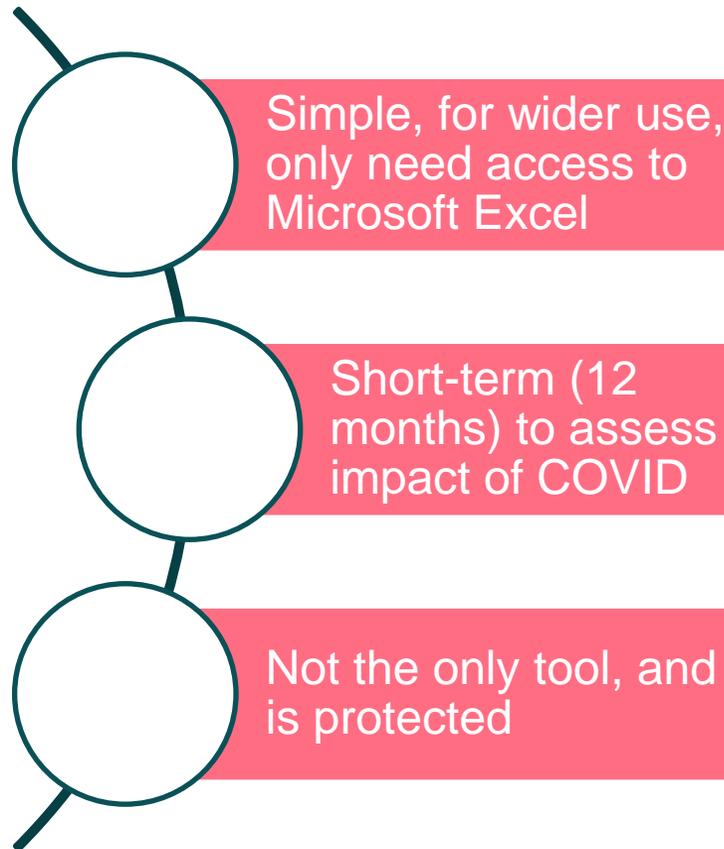
Summary of Key Considerations



Flow of Funds



COVID-19 Financial Impact Assessment Tool for WSPs



Color Codes For Numbers and Cells:

Light Blue Cells and Nos. = Input Areas

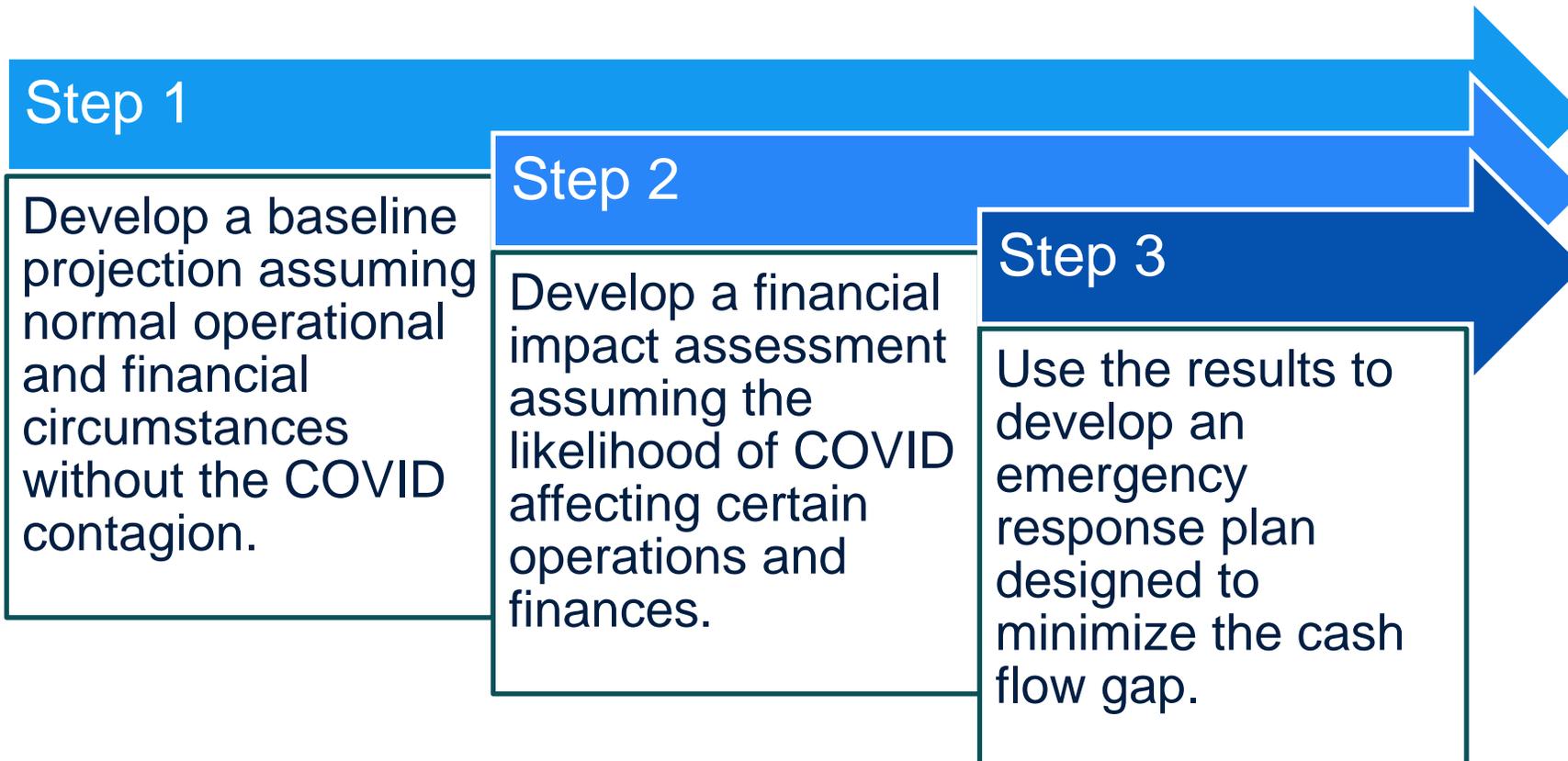
Black Nos. = Formula Cells. Do not input

Financial Tool and User Guide in English

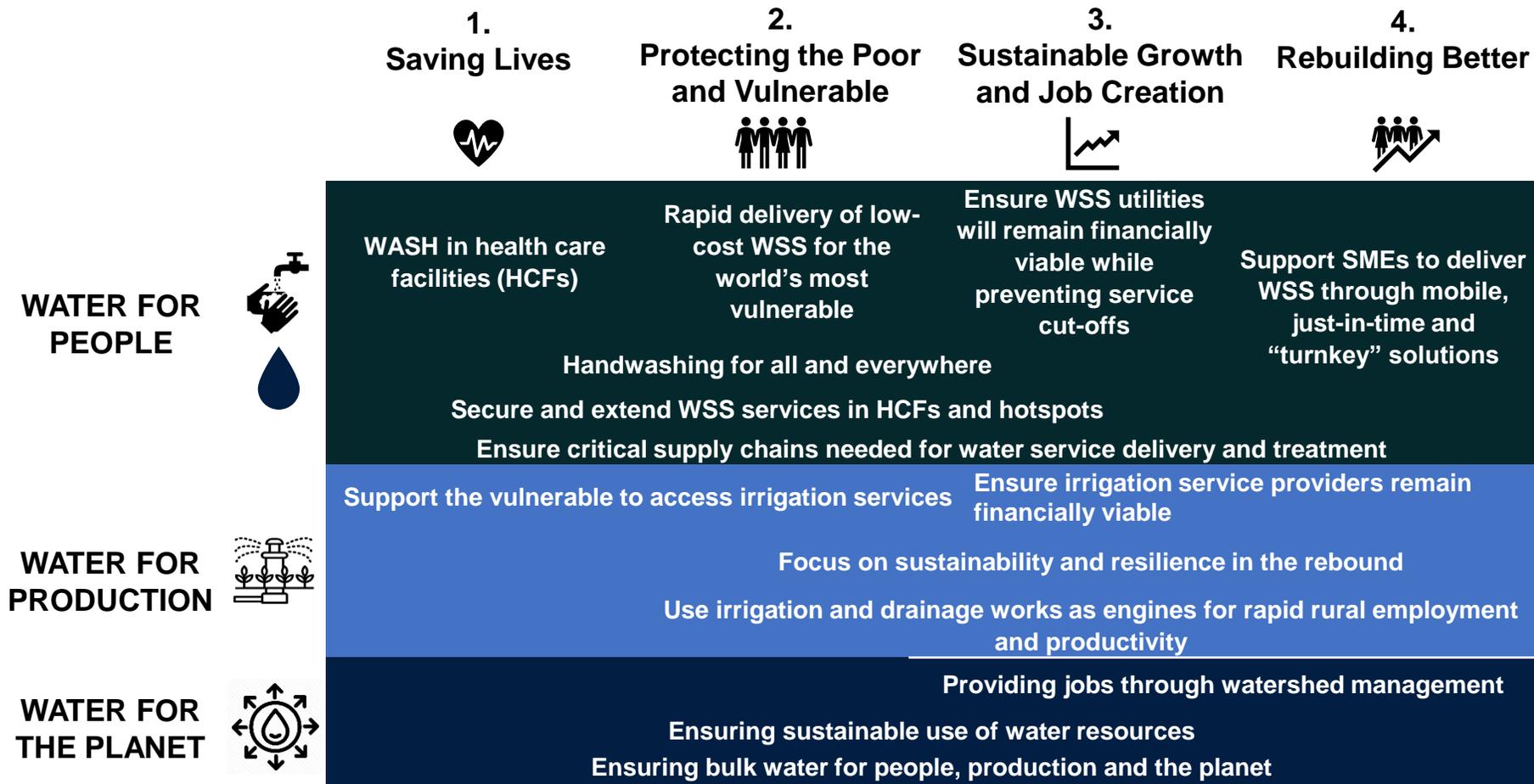
In French, Portuguese (ongoing)
In Spanish (done)

Simplified Financial Tool and User Guide in English

Process for using the Tool



Looking beyond and ahead: Water cuts across the World Bank Group (WBG) COVID19 Response



Water GP Strategic Action Plan

THE WATER GP'S STRATEGIC ACTION PLAN

A Water Secure World for All



**Sustain
Water
Resources**



**Deliver
Services**



**Build
Resilience**



WORLD BANK GROUP
Water

WATER GP STRATEGIC ACTION PLAN



To achieve these goals, we need new and innovative approaches.

1. Technologies
2. Procurement approaches
3. Financing

Operational Examples – innovative financing and partnerships

China: China Sichuan Water Supply and Sanitation PPP Project

Using PPPs to reduce the fiscal burden of local governments while bringing technical expertise, operational efficiency, and financing from the private sector to cover WSS services in rural areas. ‘Concession with Subsidy’ model

Standard Bidding Documents for Performance Based Contracts for Non-Revenue Water Reduction

Based on experience in Ho-Chi-Min Project and others. Introducing incentives for private contractors to identify larger leaks. NRW PBCs about 70% more effective than public utility led programs. Assumes public financing.

Angola: Luanda Bita Water Supply Guarantee Project

The first ever guarantee operation in support of the water sector. An IBRD loan guarantee of \$500M enabled Angola to leverage \$1.09B.

Kenya: Transition to Commercial Financing

The WBG has been supporting water sector reform with changes to the legal and regulatory framework. Commercial banks are now lending to the sector and a Water Financing Facility was recently established.

Thank you



WORLD BANK GROUP
Water

www.wsp.org | www.worldbank.org/water | www.blogs.worldbank.org/water | [@WorldBankWater](https://twitter.com/WorldBankWater)

World Bank Regional Focus

- East Asia and South Asia work program - **Ms Lilian Pena Pereira Weiss**, Senior Water and Sanitation Specialist, World Bank; **Dr Smita Misra**, Lead WSS Specialist, World Bank

The World Bank Water Global Practice / Asia

Our Portfolio Towards a Water Secure World for All

July 7, 2020



WORLD BANK GROUP
Water

Presentation Outline

- ✓ The World Bank and the Global Water Agenda
- ✓ Water Global Practice Vision, Mission and Delivery Structure
- ✓ World Bank Portfolio on Water & Flagship Projects
- ✓ Useful Resources

Presentation Outline

- ✓ The World Bank and the Global Water Agenda
- ✓ Water Global Practice Vision, Mission and Delivery Structure
- ✓ World Bank Portfolio on Water & Flagship Projects
- ✓ Useful Resources



The World Bank and the Global Water Agenda

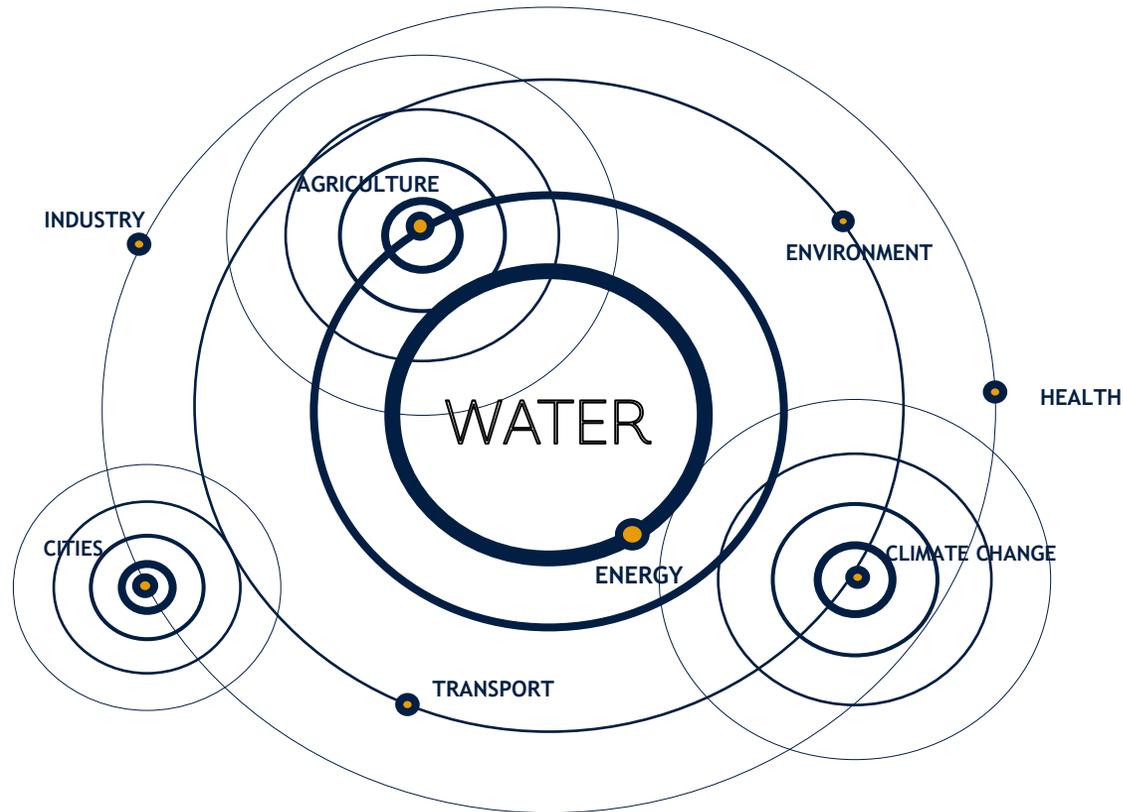
What will the future look like?

Water will be...



The World Bank and the Global Water Agenda

Water impacts nearly every major sector....



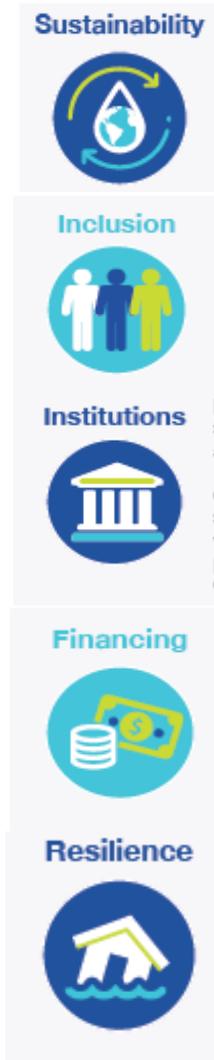
....Proper
Management of
Water is key to
Building *Water*
Security

Presentation Outline

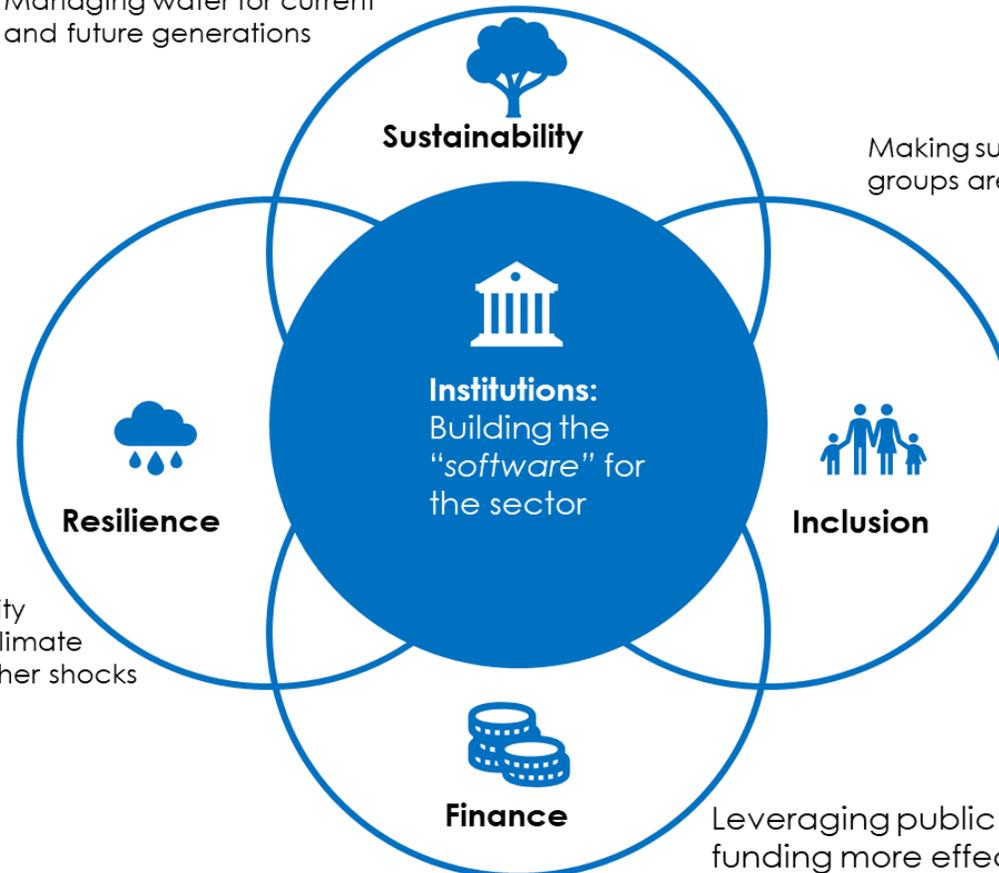
- ✓ The World Bank and the Global Water Agenda
- ✓ Water Global Practice Vision, Mission and Delivery Structure
- ✓ World Bank Portfolio on Water & Flagship Projects
- ✓ Useful Resources

Water GP Vision, Mission and Delivery Structure

Water GP Priority Themes



Managing water for current and future generations



Making sure disadvantaged groups are not left behind

Building capacity to respond to climate change and other shocks

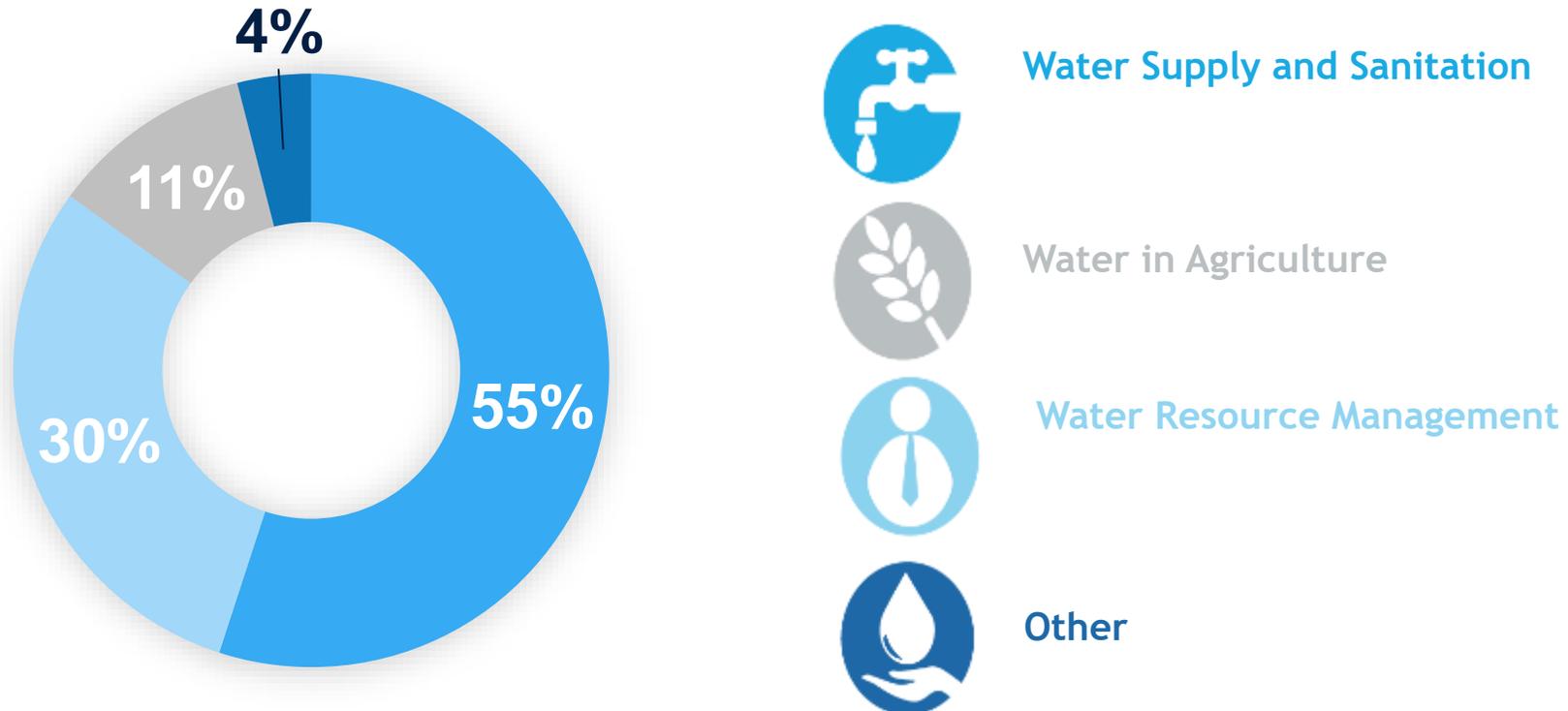
Leveraging public and private funding more effectively

Presentation Outline

- ✓ The World Bank and the Global Water Agenda
- ✓ Water Global Practice Vision, Mission and Delivery Structure
- ✓ World Bank Portfolio on Water & Flagship Projects
- ✓ Useful Resources

World Bank Portfolio on Water

Global Water Portfolio

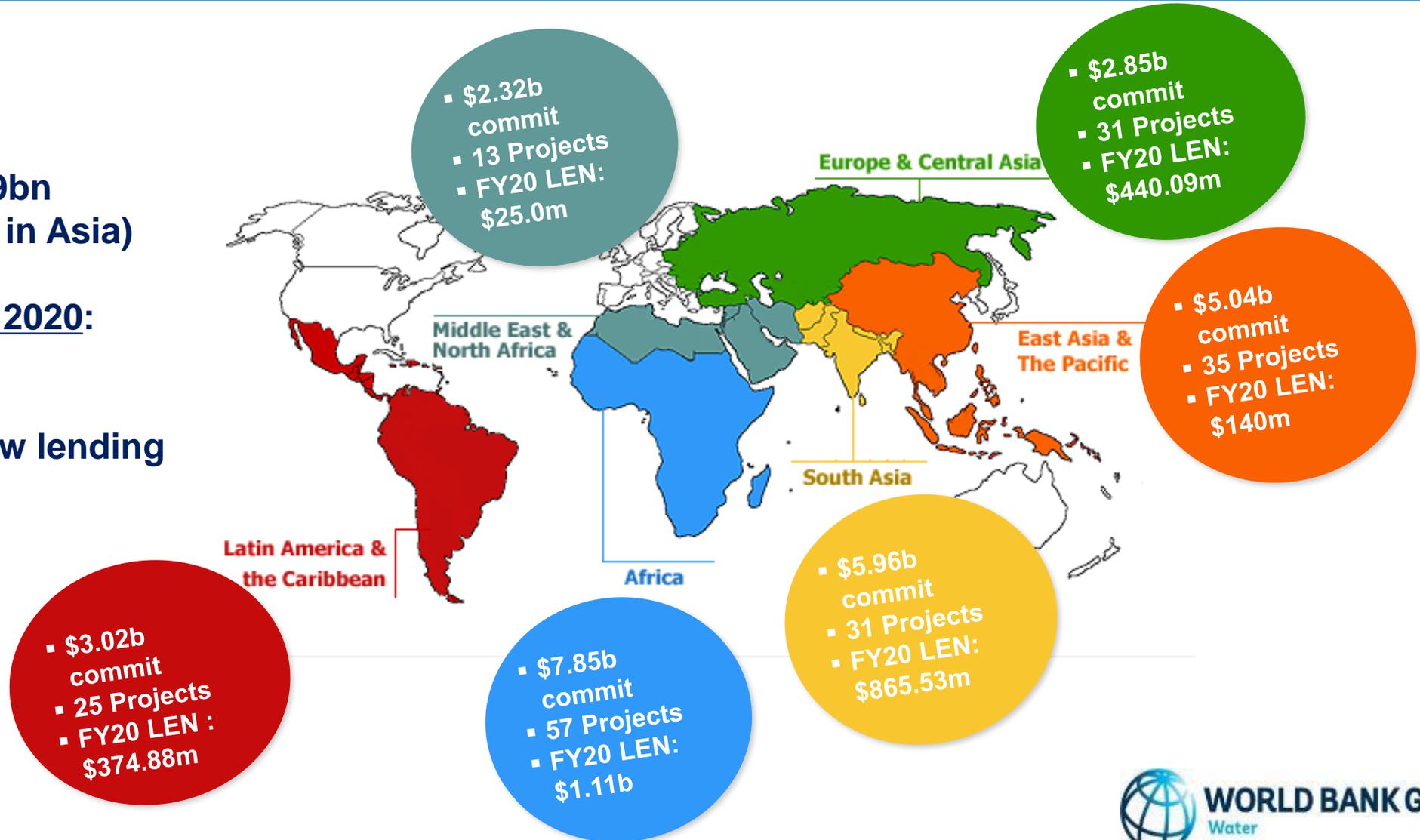


Water Global Practice Portfolio and Pipeline

US\$29.99bn
(of which 37% in Asia)

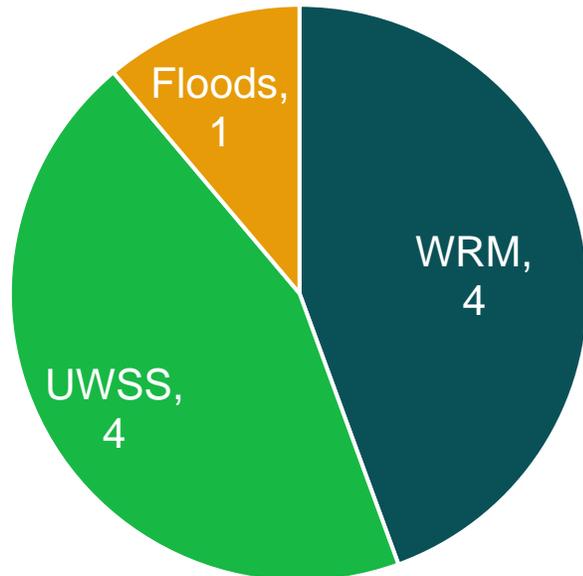
Fiscal Year 2020:

- 192 projects
- US\$2.95bn new lending



World Bank Portfolio on Water: East Asia & the Pacific (EAP)

East Asia & the Pacific Water Pipeline – Fiscal Years 2020-22



FY	Country	Million USD
FY20	China	100
	Kiribati	15
	Timor-Leste	25
FY21	Vietnam	110.7
	Vietnam	235
FY22	China	400
	Indonesia	200
	Myanmar	45.5
	Philippines	400
Total (9)		1531.2

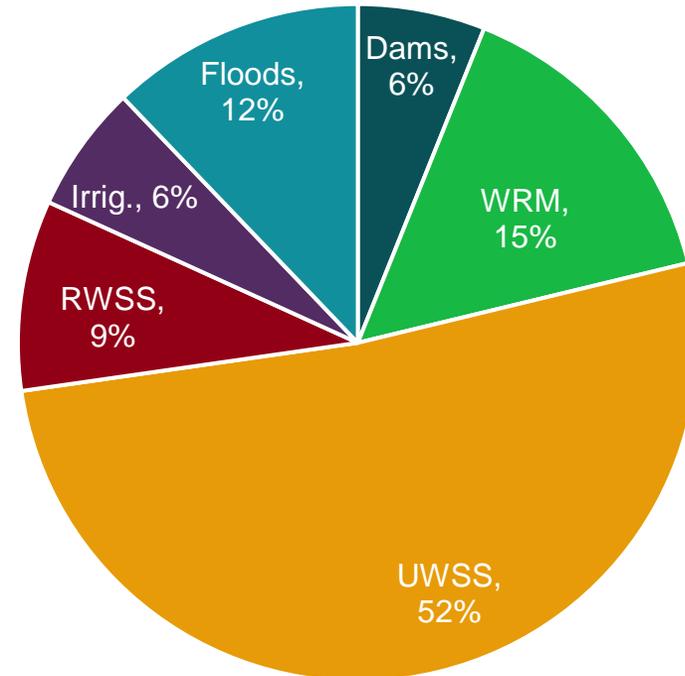
<http://www.worldbank.org/projects>

World Bank Portfolio on Water: East Asia & the Pacific (EAP)

East Asia and the Pacific - Water Portfolio (Fiscal Year 2020) By Country

Countries	No. Proj
Cambodia	2
China	11
Indonesia	4
Kiribati	1
Philippines	3
Solomon Islands	1
Timor-Leste	1
Myanmar	1
Vietnam	6
Papua New Guinea	1
Lao PDR	2
Total	33

By Sub-sector



Illustrative Projects - East Asia & the Pacific

INDONESIA

Project	Objective	Components	Approval Date	Bank financing (US\$ mln.)
National Urban Water Supply Program (P156125)	To provide access to improved water sources for the population and strengthen the operational performance of water service providers in selected urban areas	<ol style="list-style-type: none"> 1. Investment Support for Urban Water Supply Infrastructure Development 2. Technical Assistance and Capacity Building for Local Governments and PDAMs 3. Advisory and Policy Development Support for Central Government 4. Program Implementation and Management Support 	June 6, 2018	100

Illustrative Projects - East Asia & the Pacific

VIETNAM

Project	Objective	Components	Approval Date	Bank financing (US\$ mln.)
Vietnam Irrigated Agriculture Improvement Project (P130014)	To improve the sustainability of irrigated agricultural production systems in selected provinces in the Central Coastal and Northern Mountainous Regions in Vietnam.	<ol style="list-style-type: none"> 1. Improved Irrigation Water Management 2. Irrigation and Drainage Scheme Level Improvements 3. Support Services for Climate-Smart Agricultural Practices 4. National Policy Development, Monitoring and Evaluation, and Project Management 	January 15, 2014	180

Illustrative Projects - East Asia & the Pacific

PHILIPPINES

Project	Objective	Components	Approval Date	Bank financing (US\$ mln.)
Metro Manila Flood Management-Phase 1 (P153814)	To improve flood management in selected areas of Metro Manila	<ol style="list-style-type: none"> 1. Modernization of Drainage Areas 2. Minimizing Solid Waste in Waterways 3. Participatory Housing and Resettlement 4. Project Management and Coordination 	September 28, 2017	150

Illustrative Projects - East Asia & the Pacific

CHINA

Project	Objective	Components	Approval Date	Bank financing (US\$ mln.)
Liaoning Safe and Sustainable Urban Water Supply Project (P158713)	To improve water quality and operational efficiency of selected water supply utilities in the project areas.	<ul style="list-style-type: none"> 1. Water supply service infrastructure improvement 2. Water supply service management improvement 3. Project implementation support and institutional strengthening 	June 06, 2018	250

Illustrative Projects - South East Asia

Cambodia and Lao PDR

Project	Objective	Components	Approval Date	Bank financing (\$ mln.)
KH Small Town Water Supply and Sanitation Improvement Project	to increase access to piped water supply and improved sanitation services and strengthen the operational performance of service providers in selected towns and/or communes.	Component 1: Provincial water supply Component 2: Provincial sanitation improvement	March 2019	US\$55
Laos Scaling up Water Supply, Sanitation and Hygiene project	to provide access to improved water supply, sanitation and hygiene services in selected areas identified for nutrition convergence, and strengthen capacity of select institutions to improve service delivery.	Component 1: Delivery of Infrastructure and Sustainability of Water Supply and Sanitation Component 2: Sustainability of Community Water Supply, Sanitation and Hygiene Support Component 3: Implementation Support and Sector Development Component 4: Contingent Emergency Response	March 2019	US\$25



South Asia: Increasing Demand, Stressed Resources, Inefficiencies in Supply



- The resource is under stress everywhere, demand is galloping while safe, available supply is diminishing through climate change impacts and pollution;
- Inefficiency is pervasive throughout the water supply system, whether it's water for crops or water for direct human consumption;
- Across South Asia, water-related health outcomes are poor, with levels of stunting and wasting that are not consistent with actual progress in poverty reduction and expansion of access;
- The World Bank Water program in South Asia focuses on helping governments: (i) preserve this precious resource (e.g. groundwater management); (ii) improve the efficiency and equity of the provision of vital water services: irrigation, drinking water, sanitation; and (iii) build resilience to climate change impacts.

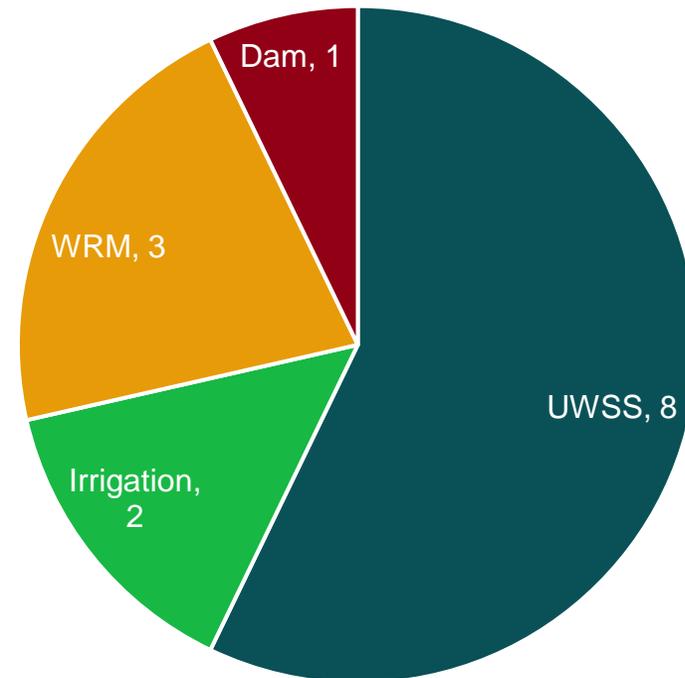
World Bank Portfolio on Water: South Asia

South Asia - Water Portfolio (Fiscal Years 2020-22)

By Country

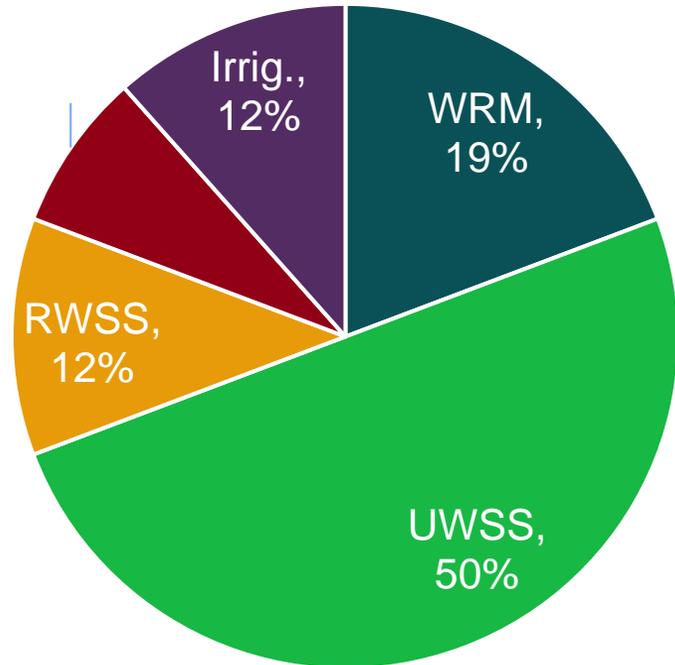
Countries	No. of projects
Afghanistan	1
Bangladesh	4
India	4
Pakistan	3
Sri-Lanka	2
Total	14

By Sub-sector



World Bank Portfolio on Water: South Asia

South Asia Water – (Fiscal Year 2020)



Country	Million USD
Afghanistan (1)	97.8
Bangladesh (3)	463.01
India (12)	4234.38
Nepal (2)	128
Pakistan (6)	798.17
Sri-Lanka (2)	234.53
Total (26)	5595.88

Illustrative Projects – South Asia

India

Project		Components	Approval Date	Bank financing (US\$ mln.)
Karnataka Urban Water Supply Modernization Project	“to provide city-wide access to a continuous piped water supply in the eligible cities in the state of Karnataka, and to strengthen service delivery arrangements at the city level”	<ol style="list-style-type: none">1. Capital Investment Program2. Institution Building3. Technical Assistance for Sector Development4. Project Management	31-March-2016	\$100m (of \$153m total project cost)

Illustrative Projects – South Asia

India

Project	Objective	Components	Approval Date	Bank financing (US\$ mln.)
Second National Ganga River Basin Project	“to reduce point-source pollution from targeted Urban Areas of the Ganga river basin and support the Central Ministry to strengthen the institutional framework for Ganga river basin management”	<ol style="list-style-type: none"> 1. Institutional Development 2. Infrastructure Development 3. IBRD Guarantee 4. Program Communications and Management 5. Contingent Emergency Response Component 	June 25, 2020	400

Illustrative Projects – South Asia

India (Pipeline)

Project	Objective	Components	Approval Date	Bank financing (US\$ mln.)
Second Shimla-Himachal Pradesh Water Supply and Sewerage Service Improvement Program	“to support the Government of Himachal Pradesh in scaling-up its policy and institutional development program for improving water supply and sewerage services that are financially sustainable and managed by an accountable institution responsive to customers”	<ol style="list-style-type: none">1. Policies and institutional development program2. Water supply and sewerage services improvement program3. O&M cost recovery improvement program4. Internal and external accountability strengthening program (targets, grievance redressal, M&E, financial management)	Under preparation	200 (TBD)

Illustrative Projects – South Asia

India (Pipeline)

Project	Objective	Components	Approval Date	Bank financing (US\$ mln.)
Chennai City Partnership	“to support Government of Tamil Nadu in its policy and institutional program for improving water supply and sanitation services in Chennai city”	Multi-sector City-partnership program, includes policies, institutional reforms for Chennai Water Supply and Sewerage Board	under preparation	TBD

Illustrative Projects - South Asia

Pakistan

Project	Objective	Components	Approval Date	Bank financing (US\$ mln.)
Karachi Water and Sewerage Services Improvement Project	“to improve access to safe water services in Karachi and to increase KWSB’s financial and operational performance.”	<ol style="list-style-type: none">1. Operational & Enabling Environment Reform2. Infrastructure Investments3. Project Management and Studies	27-June-2019	<p>\$40m (of \$100m total project cost)</p> <p>This project is the first in a planned series of project with total Bank financing of \$640m (of \$1.6 bn total project cost)</p>

Illustrative Projects - South Asia

Afghanistan (Pipeline)

Project	Objective	Components	Approval Date	Bank financing (US\$ mln.)
Afghanistan Water Supply and Sanitation Services Institutional Support Program	“to improve access to and quality of water supply in Kandahar city, and to strengthen the performance of AUWSSC and in particular its Kandahar Strategic Business Unit”	<ol style="list-style-type: none"> 1. Water Supply Infrastructure and Efficiency Improvements 2. Sector Reform, Institutional Strengthening, and Capacity Building 3. Project Management and Monitoring 4. Contingent Emergency Response 	Expected July 2021	<p>\$52m (of \$232m total project cost)</p> <p>This project is part of a proposed Series of Projects.</p>

Illustrative Projects – South Asia

Bangladesh

Project	Objective	Components	Approval Date	Bank financing (US\$ mln.)
Municipal Water Supply and Sanitation Project	“To increase access to improved water supply and sanitation services in selected municipalities, and strengthen the municipalities’ institutional capacities for delivering water and sanitation services.”	<ol style="list-style-type: none"> 1. Sector Support and Capacity Strengthening 2. Investment for Water Supply Infrastructure 3. Improving Sanitation and Drainage 4. Project Implementation and Management Support 5. Contingent Emergency Response 	July 2020	200 (IDA – AIIB)

Illustrative Projects – South Asia

Bangladesh (pipeline)

Project	Objective	Components	Approval Date	Bank financing (US\$ mln.)
Dhaka Sanitation Improvement Project	“To increase access to safely managed sanitation services in select areas of Dhaka City and to improve DWASA’s efficiency in sanitation service delivery. “	<ol style="list-style-type: none"> 1. Institutional Support for Sanitation Service Delivery 2. Sewerage and Wastewater Treatment 3. Alternative Sanitation 4. Project Implementation and Management Support 5. Contingent Emergency Response 	March 2020	340 (IDA – AIIB)

Illustrative Projects – South Asia

Bangladesh (pipeline)

Project	Objective	Components	Approval Date	Bank financing (US\$ mln.)
BD Rural Water, Sanitation and Hygiene for Human Capital Development Project	“To (i) improve access to ‘safely-managed’ water supply and sanitation in selected areas of rural Bangladesh; and (ii) strengthen sector institutional capacity for water and sanitation.”	<ol style="list-style-type: none"> 1. Investments in water supply Investment for Water Supply Infrastructure 2. Investments in sanitation and hygiene 3. Institutional strengthening 4. Project implementation and management. 5. COVID-19 emergency response 6. Contingent emergency response component (CERC). 	August 2020	400 (IDA – AIIB)

Illustrative Projects – South Asia

Bangladesh (pipeline)

Project	Objective	Components	Approval Date	Bank financing (US\$ mln.)
Jamuna River Economic Corridor Development Project	“To Support the Government to achieve its Delta Plan 2100 economic goals related to Jamuna River through: (i) a manageable navigation channel; (ii) flood and river bank protection; and (iii) strengthened capacity of select institutions to operate and maintain the navigation channel,	<ol style="list-style-type: none"> 1. No-regret river protection and training 2. Navigation channel development 3. 3D modeling and piloting of new river training technologies. 4. Preparedness against residual risks and unintended consequences 5. Capacity building and river assets management. 	Jul 15, 2021	800 (IDA – AIIB)

Illustrative Projects – South Asia

Sri Lanka

Project	Objective	Components	Approval Date	Bank financing (US\$ mln.)
Water Resources Management Project	To strengthen management of water resources in the targeted river basins through regulatory framework, equitable water allocation among users, and improved use of water resources information	<ol style="list-style-type: none"> 1. Strengthening Institutions for Water Resources Management 2. Investment in Infrastructure and Watershed Management 3. Enhancement of Safety and Security of Dams 4. Project Implementation, Monitoring and Management 	March 2019	200

Presentation Outline

- ✓ The World Bank and the Global Water Agenda
- ✓ Water Global Practice Vision, Mission and Delivery Structure
- ✓ World Bank Portfolio on Water & Flagship Projects
- ✓ Useful Resources

Useful Resources

World Bank Group Website
<http://www.worldbank.org/>

- **World Bank Water Global Practice**
 - <http://www.worldbank.org/en/topic/water>
- **Procurement**
 - <http://www.worldbank.org/en/projects-operations/products-and-services/procurement-projects-programs>
- **Projects**
 - <http://www.worldbank.org/projects>



Thank you

Lilian Pena P. Weiss

Senior Water and Sanitation Specialist, World Bank

Smita Mirsa

Lead Water and Sanitation Specialist, World Bank



IFC Private Sector Facilities

- IFC's relevant product range – **Mr Hao Sun**, Senior Investment Officer, Infrastructure & Natural Resources Industry Group, IFC

Innovative Private Sector Participation in Water and Sanitation

Hao Sun
Sr. Investment Officer – Infrastructure and Natural Resources,
Asia & Pacific

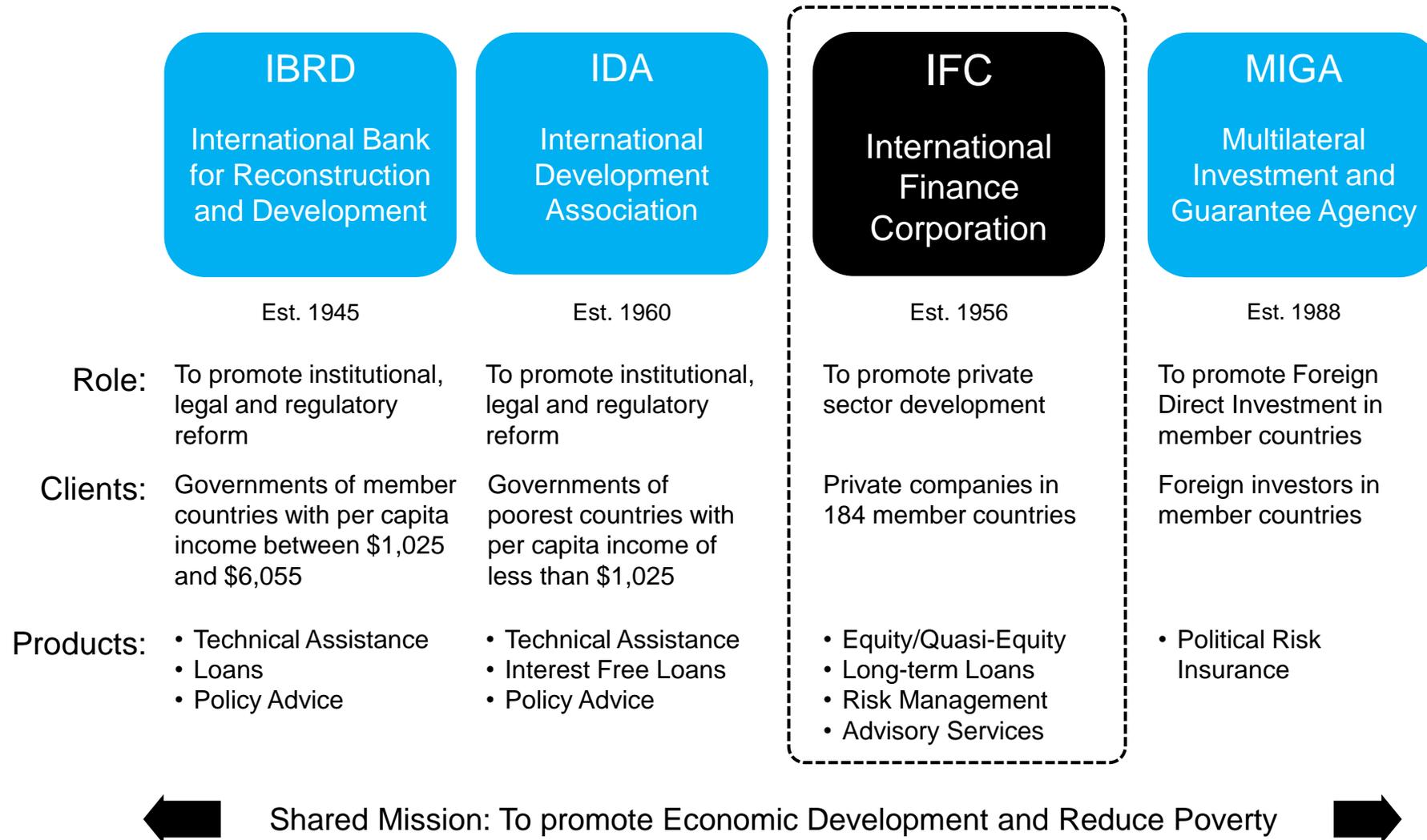


IFC

**International
Finance Corporation**
WORLD BANK GROUP

About IFC

~ How does IFC fit within the World Bank Group? ~



IFC's WSS Long-Term Business Plan: 3 Pillars



IFC's Strategic Focus & Value Chain (I)

IFC offers investment & advisory products to address key challenges in infrastructure investments

What IFC offers

Loans
Equity
Trade & Commodity
Finance
Syndications
Derivatives and Structured
Finance
Blended Finance
IFC AMC

Investment



How we address gaps

Mobilize capital
Risk-sharing facilities
Infra ventures
Financing/engagement at
Subnational level

Financial Sector
Investment Climate
Public-Private Partnerships
Agribusiness
Energy and Resource
Efficiency

Advisory



PPPs
FI Capacity building
Enhancing competitiveness

IFC's Strategic Focus & Value Chain (II)

Managed Co-Lending Portfolio Program (MCP)

Building A Diversified Infrastructure Portfolio

1

Institutional investors establish and fund special purpose vehicles for co-investment with IFC in emerging market infrastructure.



2

When IFC provides debt financing for infrastructure projects, it offers a portion of each new loan to the special purpose vehicles on the same terms and conditions as IFC's lending.

3

IFC is responsible for the origination of all projects and is the lender of record for each loan.



4

Over time, MCP Infrastructure partners build up a diversified portfolio of infrastructure loans that mirrors IFC's own portfolio.



- This IFC solution mobilizes new sources of loan financing for vital power, transport, water and telecoms projects
- It provides an entry-point for institutional investors to increase their exposure to emerging market infrastructure with managed risk

IFC's Strategic Focus & Value Chain (III)

Water Investment Growth Initiative (WIGI)

Three Interlocking Aims

- Allows teams to quickly **understand and compare the status of water sectors in different countries** and identify problems
- Helps to **formulate drivers of improvement** and identify areas in need for further development



Increase the scale of IFC's economically sustainable investments in water and sanitation

1



Increase the number of countries where economically sustainable investments are possible

2

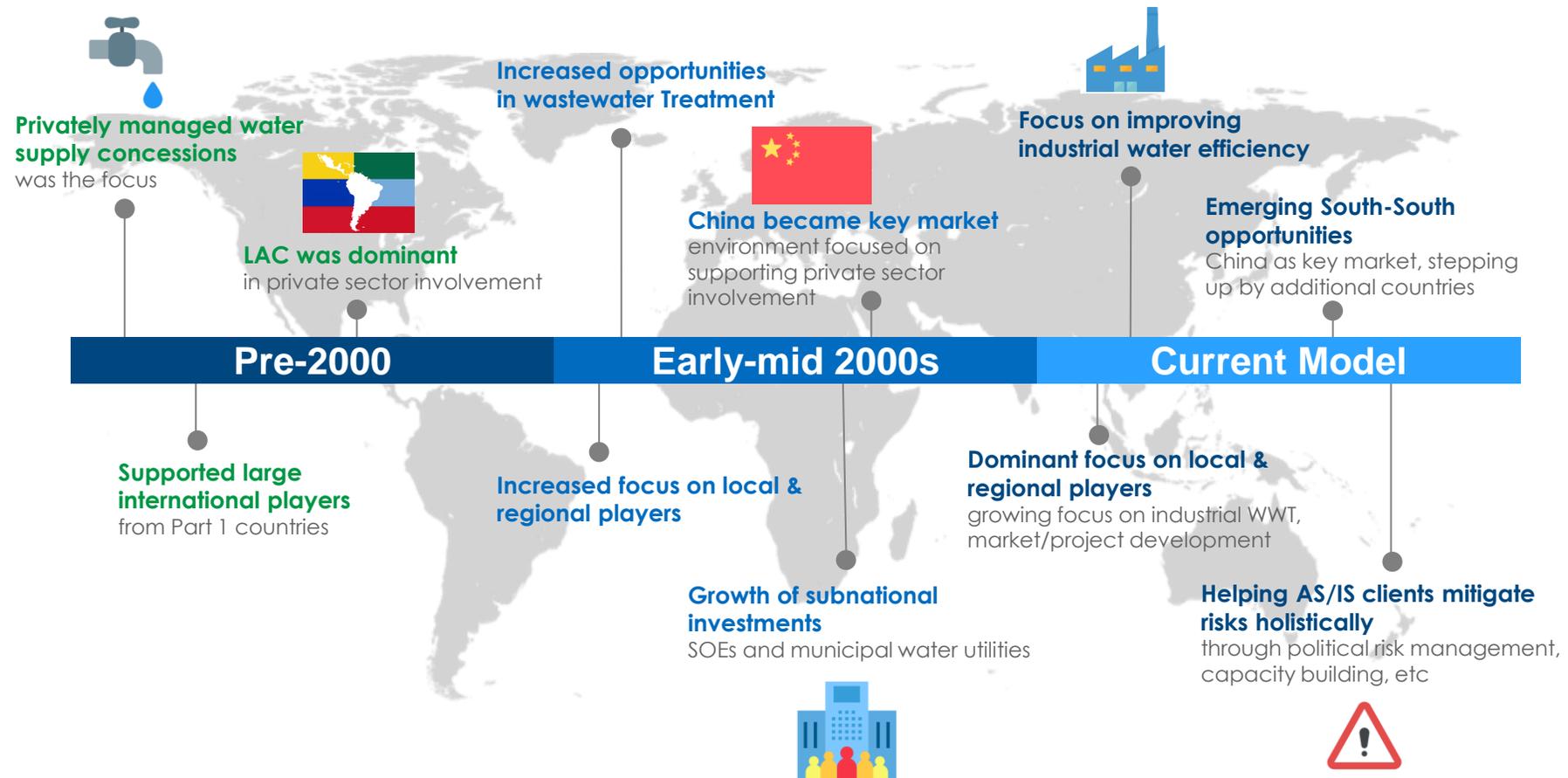


Facilitate the investment required to achieve the water and sanitation development aims (SDG6)

3

IFC's Strategic Focus & Value Chain (III)

Throughout its history, IFC has adapted its approach towards the WSS sector as countries in emerging markets developed adequate enabling environments



IFC's Global Portfolio

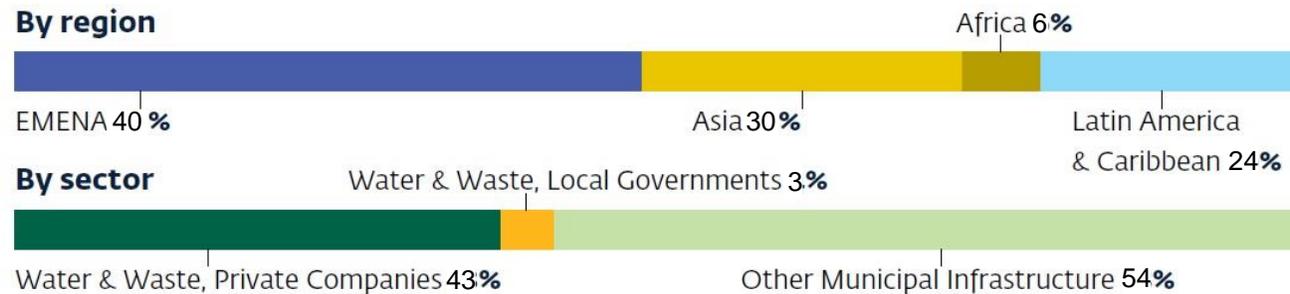
Water and Municipal Infrastructure

IFC has committed and mobilized \$4.1 billion for nearly 100 water and municipal infrastructure projects since 2008



Aegea Brazil

IFC Water & Municipal Portfolio of \$1 Billion as of September 2018



IFC in East Asia & Pacific

Pillars	Barriers	Key Interventions	Focus Countries
<p>Engagement with Utilities</p> <p>1 </p>	<ul style="list-style-type: none"> • Maturing market in China, which has become increasingly competitive and dominated by large SOEs • Rural water and wastewater markets in China are fragmented and geographically scattered 	<ul style="list-style-type: none"> • Focus on asset aggregation within rural China and support South-South investments 	<ul style="list-style-type: none"> • China • Vietnam • Thailand • Indonesia
<p>Long-Term Market Creation</p> <p>2 </p>	<ul style="list-style-type: none"> • Some water markets in East Asia have limited opportunity for private sector participation due to the lack of an enabling environment 	<ul style="list-style-type: none"> • Leverage existing relationships with established players • Advise governments on water protection and management laws • Vietnam has become a leader with private sector involvement in the municipal water sector 	<ul style="list-style-type: none"> • Vietnam • Indonesia • Thailand • Philippines • Lao PDR
<p>Innovation</p> <p>3 </p>	<ul style="list-style-type: none"> • Limited track record in the region with desalination and other innovative models 	<ul style="list-style-type: none"> • Actively engage on opportunities to support new projects • Potential to focus on developments in the sludge and hazardous waste markets in China 	
<p>Water for Industries</p> <p>4 </p>	<ul style="list-style-type: none"> • Limited IFC experience in the industrial water sector within the region (excl. China) 	<ul style="list-style-type: none"> • Leverage IFC's global advisory knowledge to expand private sector participation 	



OUR GOALS ARE TO END EXTREME POVERTY BY
2030 AND BOOST SHARED PROSPERITY IN EVERY
DEVELOPING COUNTRY.

Thank You.

*The World Bank Group Moves Quickly to Help Countries Respond to COVID-19
with Liquid Facilities for the Utilities and Project Financing solutions*

Q & A

Assistance and Financing for the Water Sector

7th July 2020, TUESDAY, 9:00am – 10:15am



Post COVID Recovery: Embracing Sustainable Water Solutions in Asia

Date: 16 July 2020

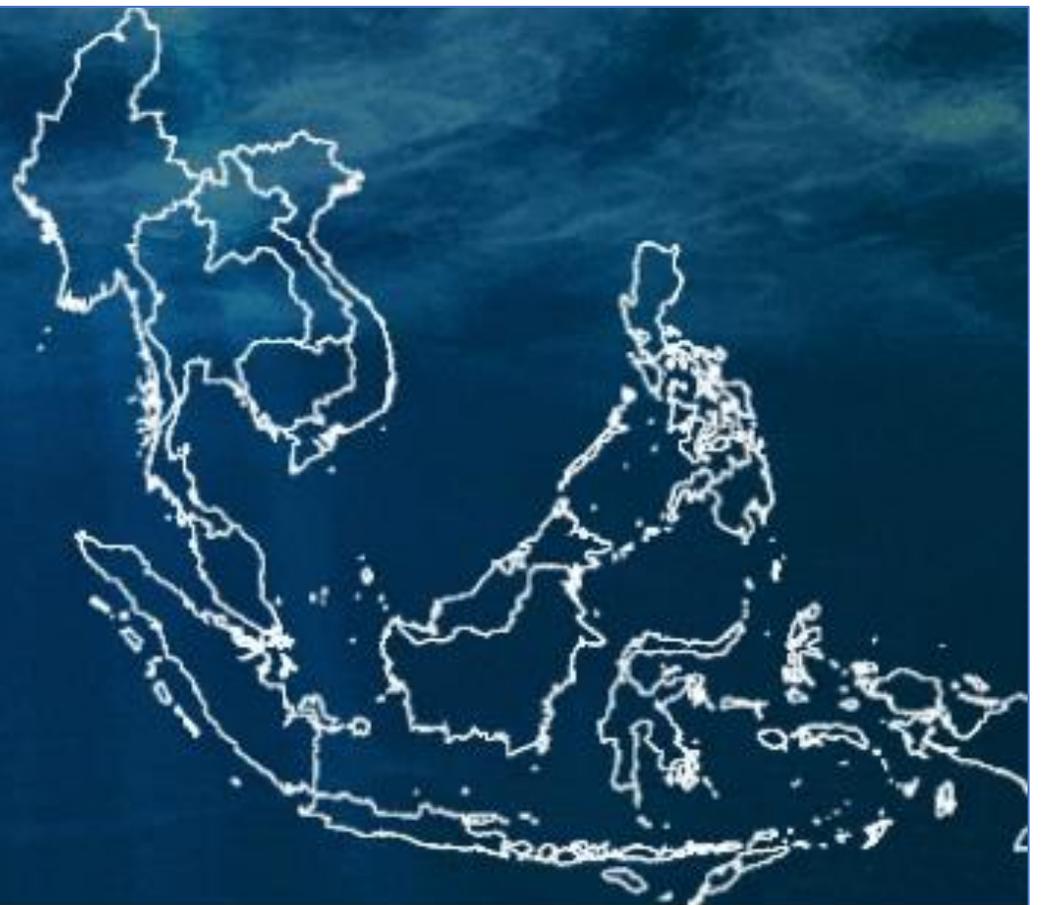
Time: 4:00pm - 5:15pm (GMT+8)

Admission: Free

Brought to you by:



Organised by:



This Webinar Is Brought To You By:



Thank You



Dialogue with World Bank : Assistance and Financing for the Water Sector



7th July 2020, TUESDAY, 9:00am – 10:15am

80 Jurong East St 21
#04-03F S(609607)
T: 6515 0812
E: enquiry@swa.org.sg
www.swa.org.sg

