



# SINGAPORE INTERNATIONAL WATER WEEK

ONLINE



18 – 19 November 2020



9:00am – 6:30pm SGT (GMT +8)

## Innovative Financing with Multilateral Development Banks

19 November 2020, Thursday | 9.30am – 11.00am SGT (GMT +8)

Co-organised with



**THE WORLD BANK**  
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### About this webinar

Globally, the infrastructure gap is forecast to reach \$15 trillion by 2040, with much of this investment required in developing Asia. Effects of climate change and more recently, the COVID-19 pandemic, has further exacerbated the need for governments to pursue sustainable, climate-adjusted approaches to achieve long-term economic growth.

To catalyse water infrastructure investments in Asia, governments are increasingly encouraged to adopt green and innovative financing approaches to secure public and private sector investments dedicated to mitigate and adapt to climate change, the pandemic, and other potential financial and systemic shocks. This webinar will examine innovative and climate-resilient financing instruments, such as green bonds, green loan and sustainability-linked loan, to accelerate economic growth in a sustainable manner. It will also explore lessons from the current pandemic for finance and other coping strategies.

### Why you should attend

Hear how the World Bank and Asian Development Bank are developing green finance strategies to catalyse investments needed to meet the water infrastructure gap

Learn about different innovative and green financing instruments

Learn about how the COVID-19 pandemic has affected the water sector and ongoing responses

Listen to case studies on the successful application of innovative financing in water infrastructure investments

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# Programme

9.30am	<b>Welcome Remarks by Singapore International Water Week</b> Ryan Yuen, Managing Director, Singapore International Water Week
9.35am	<b>Innovations in Delivery of Water and Sanitisation Services</b> Sudipto Sarkar, Practice Manager, EAP region, Water Global Practice, World Bank Group  Delivery of water and sanitation services in a sustainable manner is important as it supports economic development and ensures that health and environmental risks are addressed adequately. Discussions would focus on the experience of the World Bank in supporting countries towards the delivery of such water and sanitation services. In this context, the role of the private sector to bring innovations would also be presented.
9.45am	<b>One ADB Approach to Water Finance</b> Tom Panella, Chief of Water Sector Group, Asian Development Bank  ADB will present the recent (i) Climate-Resilient and Smart Water Infrastructure Project in the PRC and (ii) Binh Duong Water Treatment Expansion Project in Vietnam. ADB's Private Sector Operations Department financed the transactions, however, the projects involved close collaboration with ADB's sovereign operations who had long-standing relationships with both clients. The projects demonstrate a One ADB approach to water sector finance.
9.55am	<b>Panel Discussion</b> <b>Panelists</b> <ul style="list-style-type: none"><li>• Taqsem A. Khan, Managing Director and Chief Executive Officer, Dhaka Water Supply and Sewerage Authority</li><li>• Hisaka Kimura, Head of ADB Infrastructure Finance in East Asia, Advisor to Private Sector Operations Department, Asian Development Bank</li><li>• Perry Rivera, Chief Operating Officer, Manila Water Company</li><li>• Jennifer J. Sara, Global Director, Water Global Practice, World Bank Group</li><li>• Seth Tan, Executive Director Infrastructure Asia</li></ul> <b>Moderator</b> <ul style="list-style-type: none"><li>• Sharad Somani, Partner &amp; Head of Infrastructure, Asia-Pacific, KPMG</li></ul>
10.55am	<b>Closing by Singapore International Water Week</b> Ryan Yuen, Managing Director, Singapore International Water Week

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## Speakers



### TAQSEM A. KHAN

Managing Director and Chief Executive Officer  
Dhaka Water Supply and Sewerage Authority

Taqsem A. Khan has been the Managing Director and CEO of Dhaka Water Supply and Sewerage Authority (DWASA) since 2009. He is a Visionary Leader whose leadership and governance changes made dramatic reforms at DWASA and a success for the last 10 years. Has been effective at reducing non-revenue water and increasing revenue collections and converted an unreliable and underperforming organization into a profitable, environmentally friendly, sustainable, pro-people, and well-governed public sector water utility in South Asia. Taqsem is a frequent speaker on water supply and sewerage related issues at national and international media. He obtained his Master's in Mechanical Engineering from Moscow in 1981.



### HISAKA KIMURA

Head of ADB Infrastructure Finance in East Asia  
Advisor to Private Sector Operations Department  
Asian Development Bank

Hisaka Kimura is the Head of Asian Development Banks infrastructure finance in East Asia, and Advisor to Private Sector Operations Department. She is responsible for promoting and financing PPP and private sector participation opportunities in infrastructure development. She has over 25 years of experience in the various countries, including East Asia, Russia, Central and Eastern Europe. She has financed extensively urban-rural environmental infrastructure, clean energy, energy efficiency, waste management, water supply, distribution and collection network development, municipal and industry wastewater treatment and reuse. She holds master degrees in Finance from London Business School and in Environmental Economics from Imperial College at University of London. She completed an executive program, Infrastructure in a Market Economy at Harvard Kennedy School.



### TOM PANELLA

Chief of Water Sector Group  
Asian Development Bank

Tom Panella is the Asian Development Bank's (ADB's) Chief of Water Sector Group and leads policy, knowledge management, and technical support to operations. He served as ADB Afghanistan Country Director from 2014-17 and joined ADB in 2003. He has led water operations in Central, South, and Southeast Asia including postings in Indonesia and Uzbekistan as head of operations. He worked at the World Bank from 2000 to 2002 as a Water Resources Management Specialist. He was the Southern California Regional Director for Tabors, Caramanis and Associates from 1989 to 1993 and served as the Convener of the California Urban Water Conservation Council in 1997.

He is a Member of the AGWA Strategic Advisory Council, GWP Technical Committee, Toilet Board Coalition Steering Committee, and Advisor to the HELP. He has an MPP and PhD in Public Policy and MSc from the Energy and Resources Group at the University of California, Berkeley.



### PERRY RIVERA

Chief Operating Officer  
Manila Water Company

Perry Rivera has been with Ayala Corporation, one of the Philippines' largest conglomerates, for 33 years where he held various appointments. He is currently a Managing Director seconded to Manila Water Company, Inc. (MWCI) as Chief Operating Officer for New Business Operations. His expertise includes PPP with focus on BOT and Concession models, and also corporate strategy, public policy and regulation, and international business development.

Mr. Rivera concurrently serves as President and CEO of Manila Water Philippine Ventures (MWPV) and President and CEO of Manila Water Asia Pacific (MWAP). Mr. Rivera led MWCI's expansion in other cities in the Philippines and Southeast Asia. He leads a leadership team which has oversight in 17 subsidiaries in the Philippines, Vietnam, Thailand and Indonesia with served population of over 7 million. He devotes considerable time developing new opportunities in the Region. He is an Independent Director of the Toilet Board Coalition (TBC), a Founding Member of The Academy of Regulatory Professionals, an Adjunct Professor at the Global Change Institute at University of Queensland, and a Board Member and Fellow of the International Water Association (IWA).





**SUDIPTO SARKAR**  
Practice Manager  
EAP Region, Water Global Practice  
World Bank Group

Mr. Sudipto Sarkar is the World Bank's Water Practice Manager for the East Asia and the Pacific Region and is based in the World Bank's Singapore Office. He has more than thirty years of work experience on water infrastructure and services. His experience also covers other sectors such as urban, energy, environment, and private sector participation. He has been in the World Bank since 1993 and has extensive Bank operational experience having worked in three regions (Eastern Europe and Central Asia; South Asia; and East Asia and the Pacific).

Prior to joining the World Bank, he worked in the US private sector on water, environment, and infrastructure activities. His educational background is in civil engineering (undergraduate degree), environment (graduate degree), and business (graduate degree).



**JENNIFER J. SARA**  
Global Director, Water Global Practice  
World Bank Group

Jennifer Sara is the Global Director for the World Bank Group's Water Global Practice. Prior to taking on this position, Ms. Sara served for four years as Director, overseeing operational delivery in the Water Global Practice at the World Bank. She has over 30 years of experience working on global water issues, including overseas assignments for the World Bank as Sector Manager for Sustainable Development based in Hanoi, Vietnam (2010 - 2014); Sector Leader in Brazil (2006 - 2010); and Water and Sanitation Specialist in Bolivia (1990 - 1995).

Ms Sara leads the Practice's senior management team, which drives policy direction, oversees a portfolio of \$30 billion in water-related investments, conducts analytical work, and manages multi-donor trust funds and global partnerships. Ms Sara holds an MSc in Environmental Management from the University of London, Wye College, and a BSc in Environmental Engineering from Brown University. She is Governor of the World Water Council and serves on the International Council of the American Water Works Association as well as the International Advisory Committee of the World Wildlife Fund's Healthy Rivers for All Initiative.



**SHARAD SOMANI**  
Partner & Head of Infrastructure, Asia Pacific  
KPMG

Sharad is ASPAC Head of Infrastructure for KPMG.

Sharad has over 20 years of experience in infrastructure sector covering water, waste to energy, power, renewable energy, and transport sector with focus on Project structuring, financing and implementation. He focuses on entire life cycle of infrastructure projects from conceptualisation to actual implementation. His passion is to help source alternate forms of capital for infrastructure projects and leveraging technology for smarter infrastructure delivery.

Sharad has advised various government and private sector clients in the Asia Pacific, Middle East and Africa covering privatisation advisory, PPP structuring, transaction process management, contract structuring and arranging financing for Water & waste, power, transport and technology projects.



**SETH TAN**  
Executive Director  
Infrastructure Asia

Seth is the Executive Director of Infrastructure Asia, which is a project facilitation office under the Singapore government. Set up by Enterprise Singapore and the Monetary Authority of Singapore, the office aims to harness the network and collective capabilities of public sector agencies and private sector firms, and partner stakeholders across the region to meet Asia's infrastructure needs.

Prior to his role as head of the Infrastructure Asia office, he has helmed leadership roles in DBS Bank, BNP Paribas, Standard Bank, and Babcock & Brown, and was based overseas in China, Australia, Hong Kong. Over his 23 years involvement in the infrastructure sector, he has worked on various opportunities across various infrastructure sub-segments.



About the Singapore International Water Week



The Singapore International Water Week (SIWW) is the global platform to share and co-create innovative water solutions. The biennial event gathers stakeholders from the global water industry to share best practices, showcase the latest technologies and tap business opportunities. SIWW is part of the strategic programme of the Singapore Government to grow the water industry and develop water technologies.

About Asian Development Bank



ADB is committed to achieving a prosperous, inclusive, resilient, and sustainable Asia and the Pacific, while sustaining its efforts to eradicate extreme poverty. Established in 1966, it is owned by 68 members—49 from the region. Its main instruments for helping its developing member countries are policy dialogue, loans, equity investments, guarantees, grants, and technical assistance.

About World Bank



The World Bank consists of the International Bank for Reconstruction and Development (IBRD) and the International Development Association (IDA). It is a global development cooperative owned by 189 member countries. As the largest development bank in the world, it supports the World Bank Group's mission of ending poverty and promoting shared prosperity by providing credits and grants, loans, guarantees, risk management products, and advisory services to low and middle-income countries, as well as by coordinating responses to regional and global challenges.

