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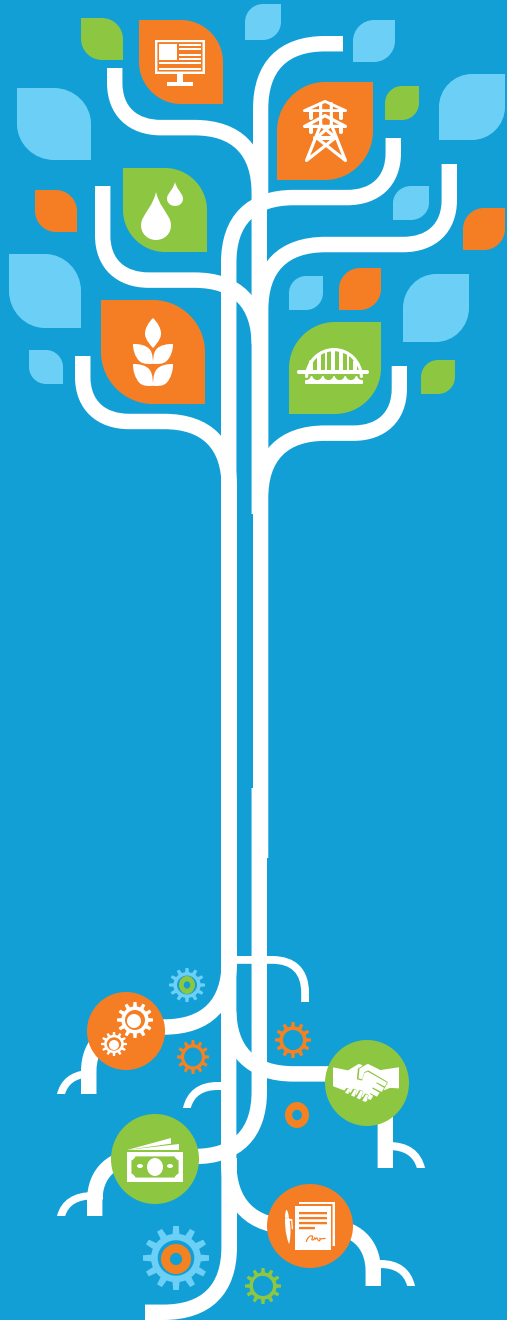
ADB

Overview of Water Security in Asia Pacific and ADB Assistance

31 August 2022

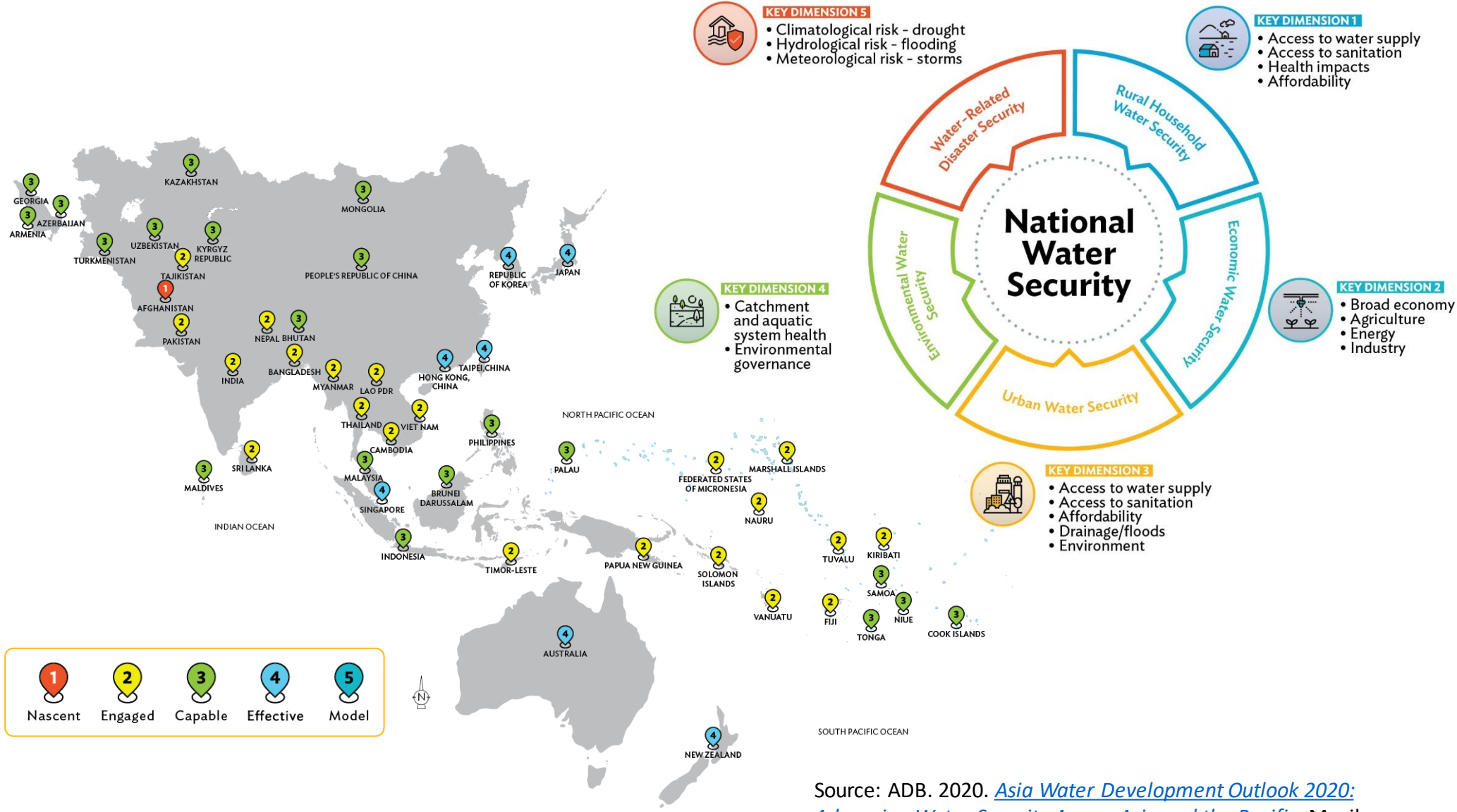
Presented by Christian Walder
Water Supply and Sanitation Specialist, SDSC-WAT

BUSINESS
OPPORTUNITIES

The logo for Business Opportunities, featuring a stylized network of blue dots connected by thin lines, with a central dot.

State of Water Security in Asia and the Pacific

ADB



Asia Pacific Water Sector Challenges



Climate change is being primarily felt through water through intensification of the water cycle. The region accounts for 40% of disasters triggered by natural hazards and 84% of the people they affect



Wetlands destruction is driving biodiversity loss. More than 30% of the global biodiversity has been lost because of the degradation of fresh-water ecosystems.



Food security depends on water security. Agriculture consumes an average of 70% of freshwater. Irrigation is the primary driver of groundwater pollution. Growing demand for food will increase pressure on water resources.



Water quality is deteriorating. 80% of urban wastewater is discharged untreated. Saline intrusion and arsenic are also growing threats to groundwater quality.



Inadequate access to basic water supply and sanitation services. 500 million people without access to basic water supplies, 1.14 billion people without access to sanitation.

Asia Pacific Water Sector Challenges



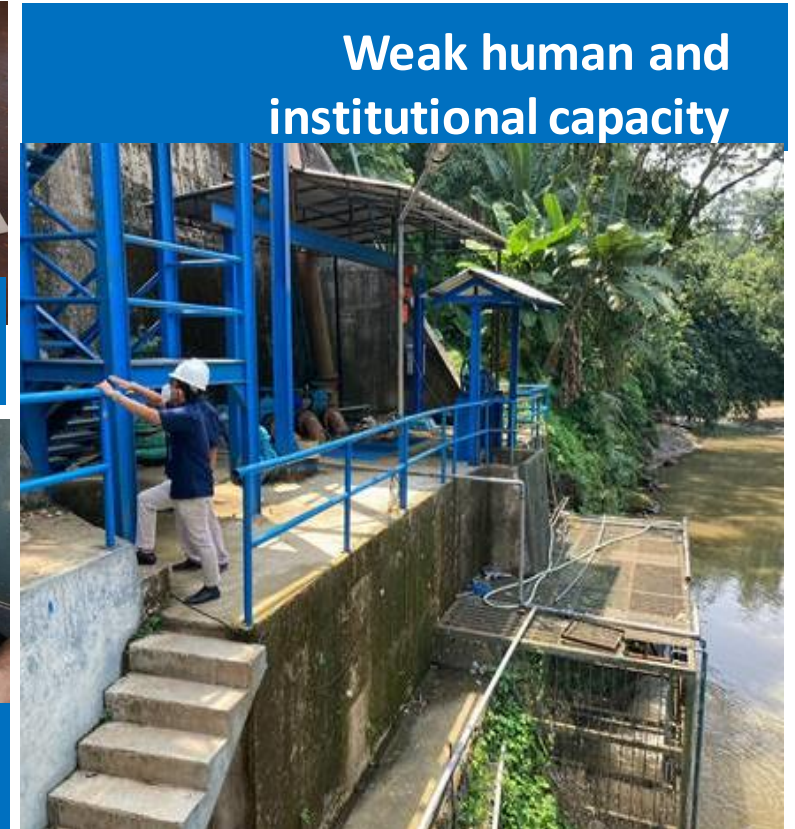
Poor governance



Low financial sustainability



Low uptake of digital



Weak human and institutional capacity

Vision: Advancing a Water-Secure and Resilient Asia and the Pacific

ADB



Poverty



Gender



Climate, Disasters
and Environment



Liveable Cities



Food Security and
Rural Development



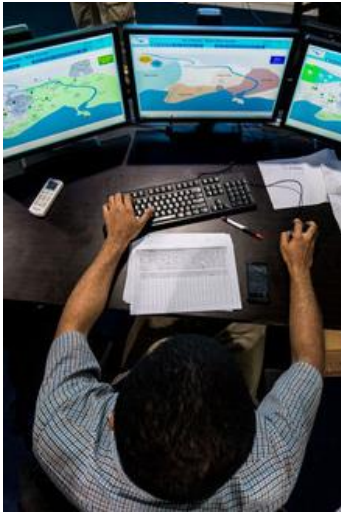
Governance



Regional
Cooperation

What is ADB doing to meet Asia's Water Challenges?

ADB



1. Mainstreaming and expanding climate adaptation in projects and policies

- Building resources and capacities of ADB staff and water entities on the ground for climate actions, green infrastructure, Paris Agreement alignment, and operating in the 'new normal'

2. Strengthening enabling environment and availing modalities and tools

- Improving operational sustainability, increase private financing, and local resource mobilization

3. Streamlining processes and practices

- For cross-sector, cross-theme, cross-region collaboration for integrated planning and implementation.

4. Expanding digitalization and technological innovations

- Partnering with both public and private sector, as an entry point for increasing private sector participation, transboundary cooperation, and asset management

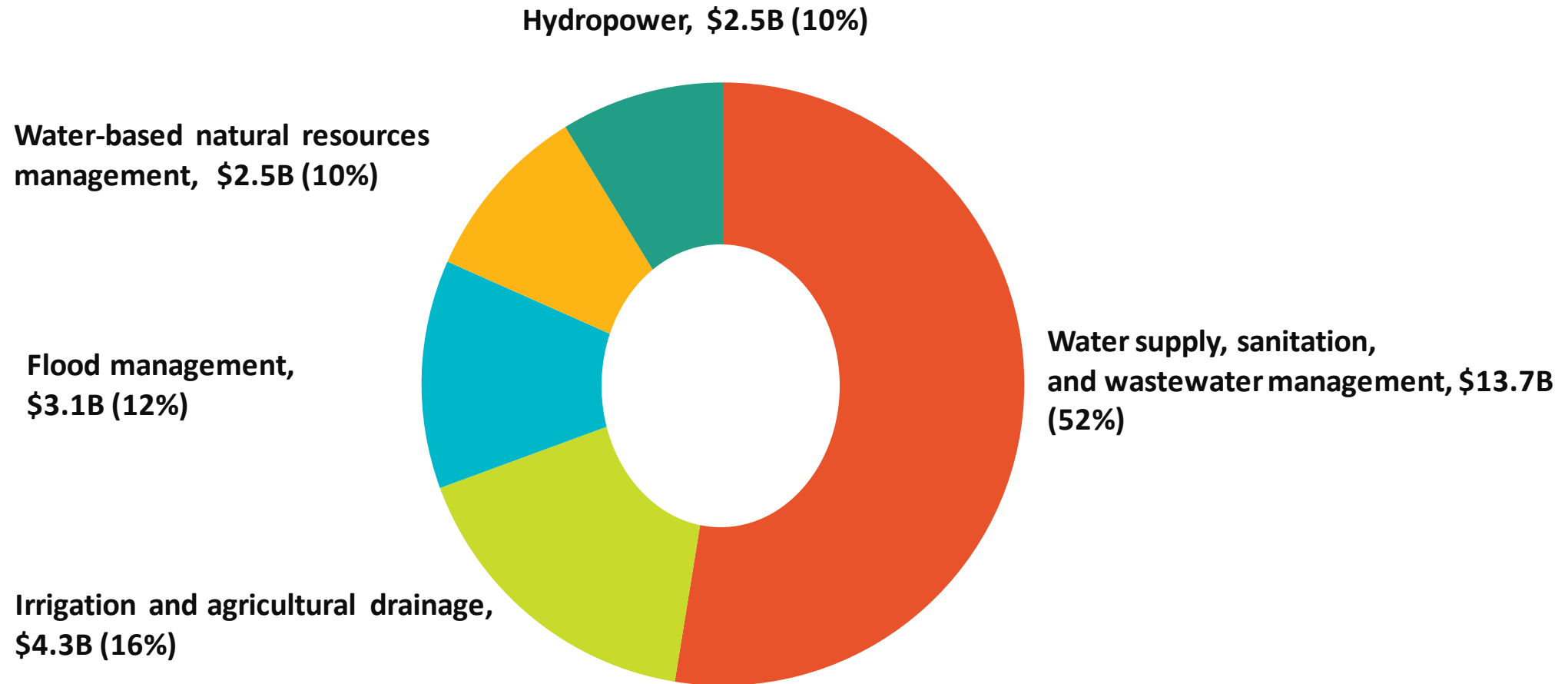
5. Conducting upstream sector diagnostics

- Deepening entity-level and country-level engagements and providing demand-driven knowledge services



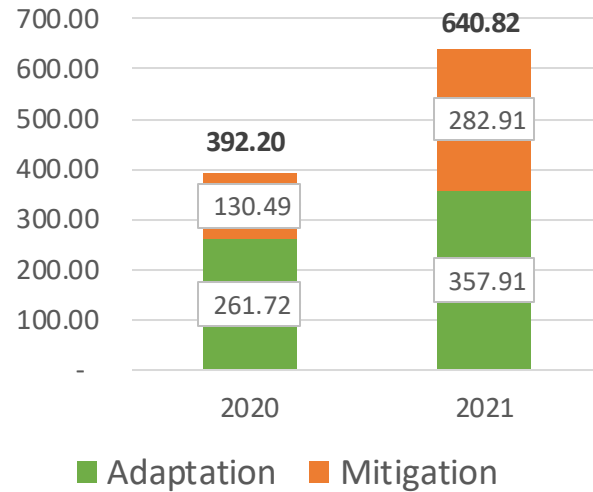
ADB's Water Sector Portfolio Analysis

The total 2011-2021 water sector portfolio is around \$26.1 billion, directly supporting water security and resilience for at least 649 million people.

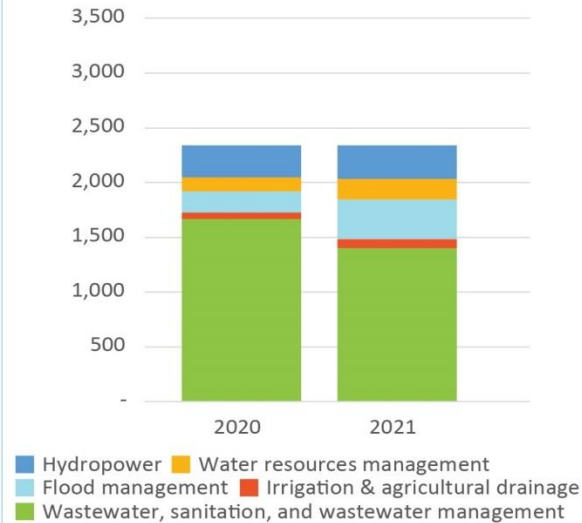


Climate Financing

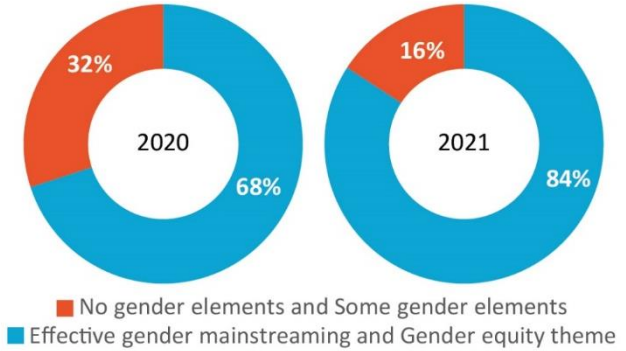
(in \$ million, Denominator size same in 2020 & 2022 ~2.3B)



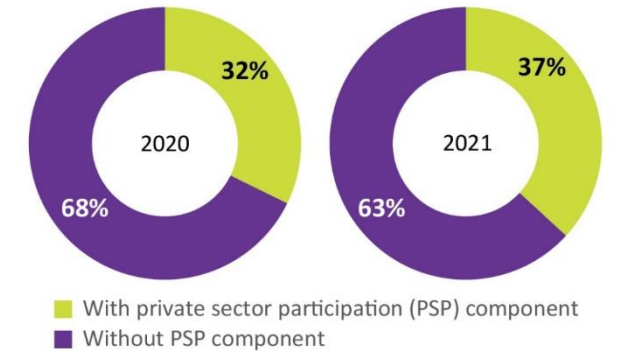
Toward a Diversified and Adaptation Focused Portfolio (\$ million)



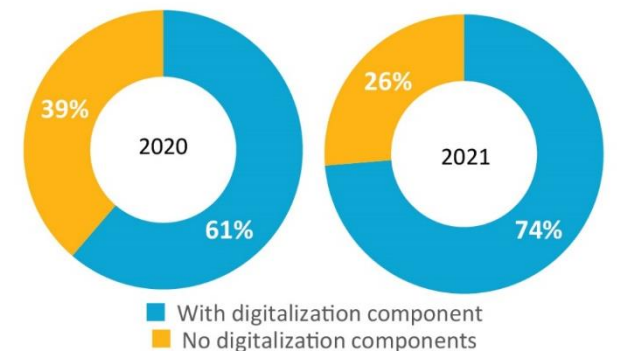
Deepening Gender Mainstreaming



Boosting Private Sector Participation

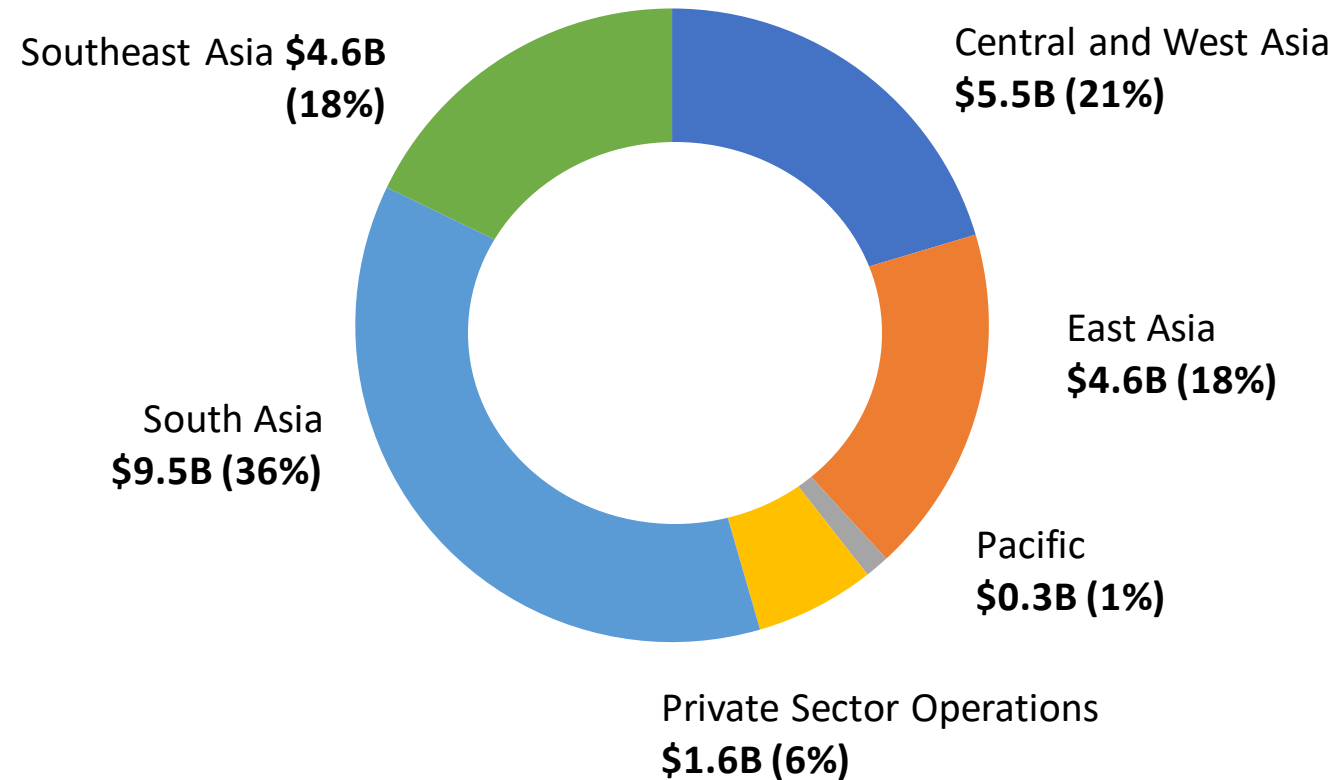


Increasing Digitalization



ADB's Water Sector Portfolio

Regional Breakdown



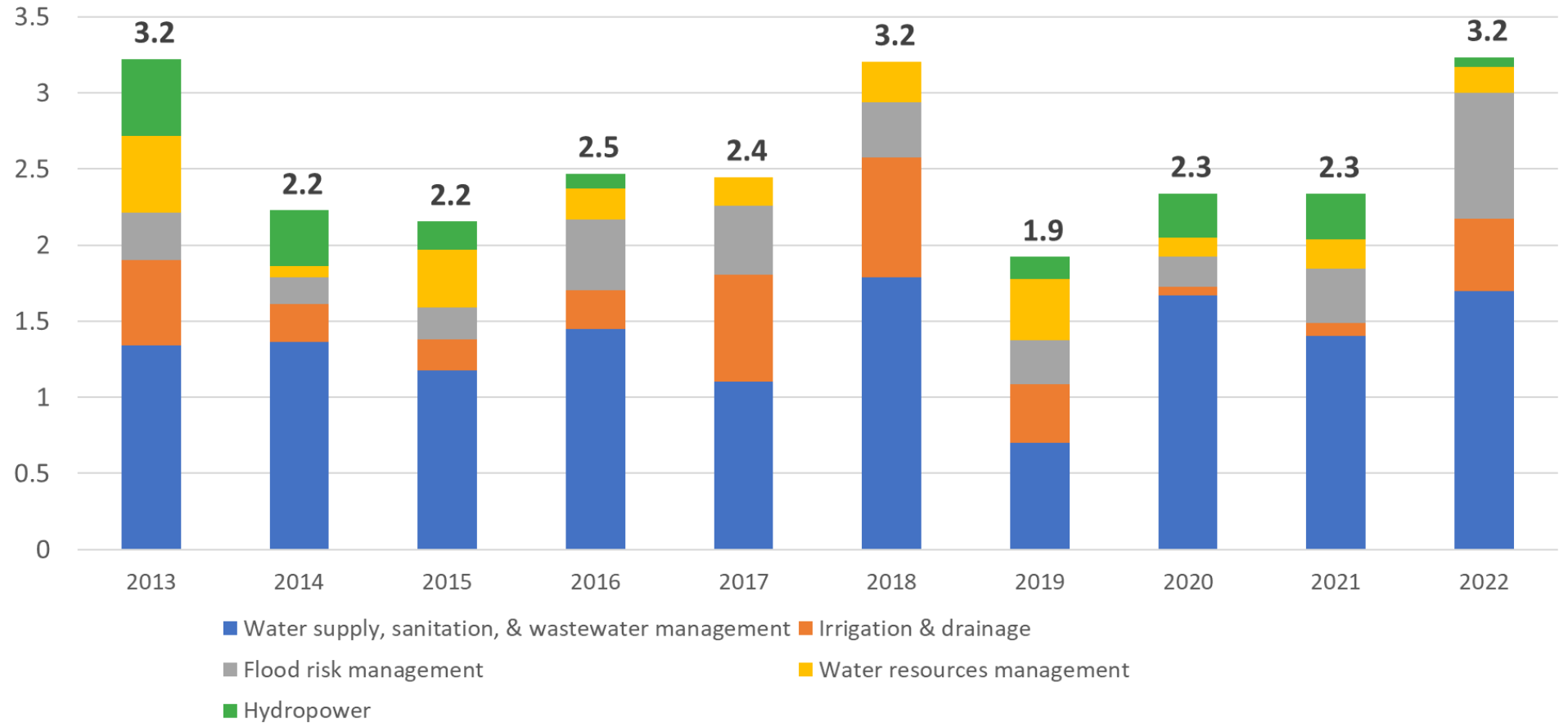
\$26.1 billion

Amount of the total 2011-2021 water sector portfolio



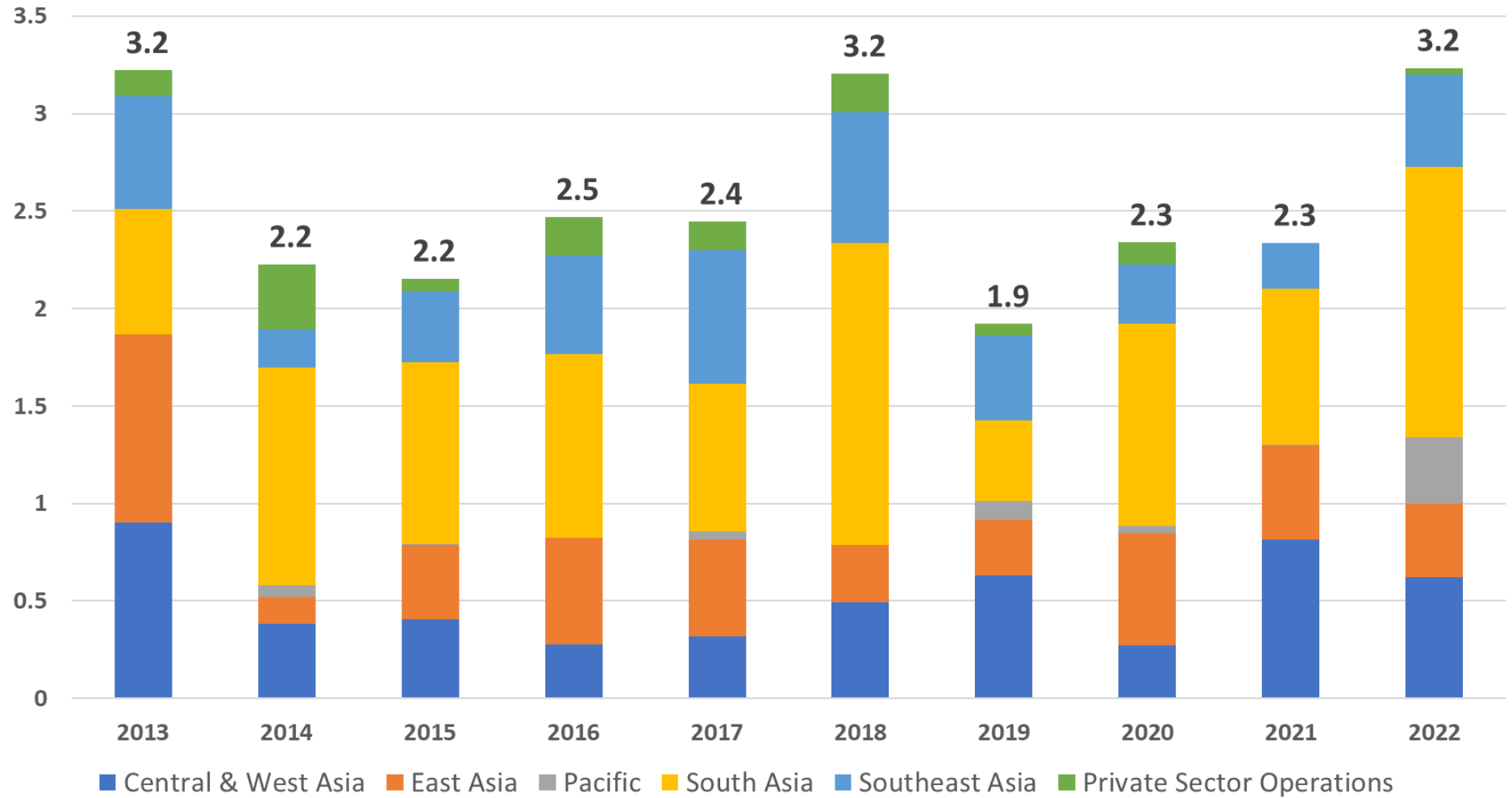
WSG Lending History and Pipeline by Subsector

(in \$ Billion)



WSG Lending History and Pipeline by Subsector

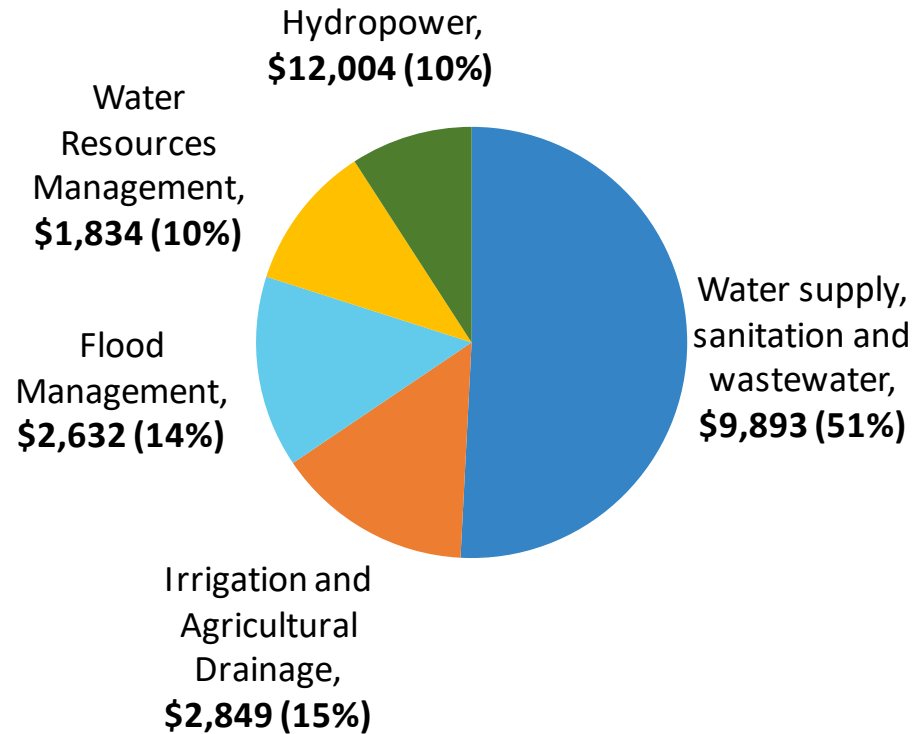
(in \$ Billion)



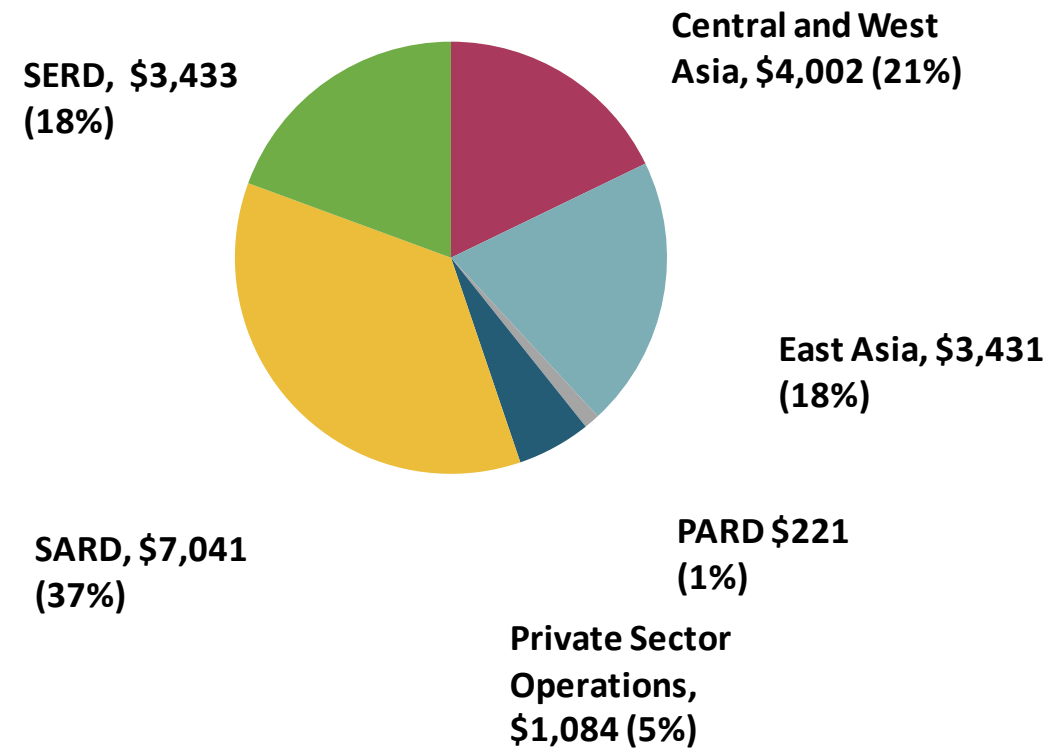
ACTIVE WSG PORTFOLIO - \$19.2 billion

(in \$ Million, as of July 2022)

SUBSECTOR



OPERATIONS DEPARTMENT



THANK YOU!

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