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ADB's Urban Development support in Indonesia

Southeast Asia
Urban Development & Water Division

August 2021

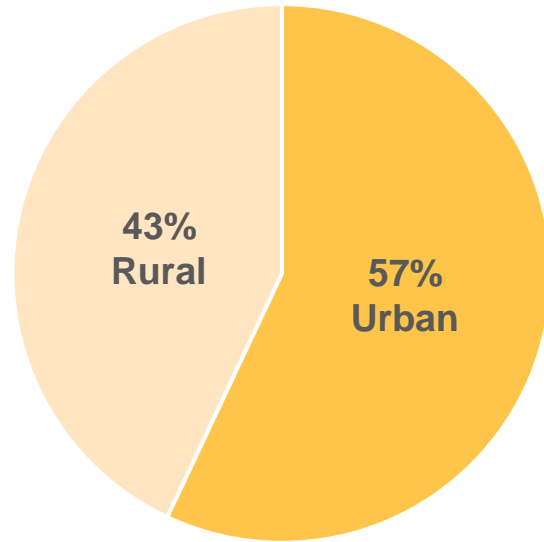


Investing in Livable Cities for
Poverty Alleviation

Photo Credit: Silas Blasch



Indonesia is rapidly urbanizing...



150 million

Indonesians live in cities



10 million people
(~total population
of DKI Jakarta)

10 million

city residents are poor



30 million

city residents don't have
access to basic services



60 million

city residents are employed
in the informal sector

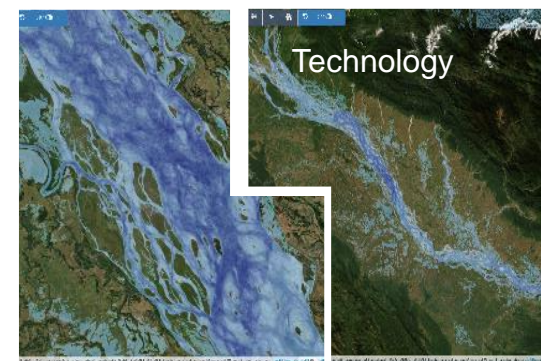


6 million

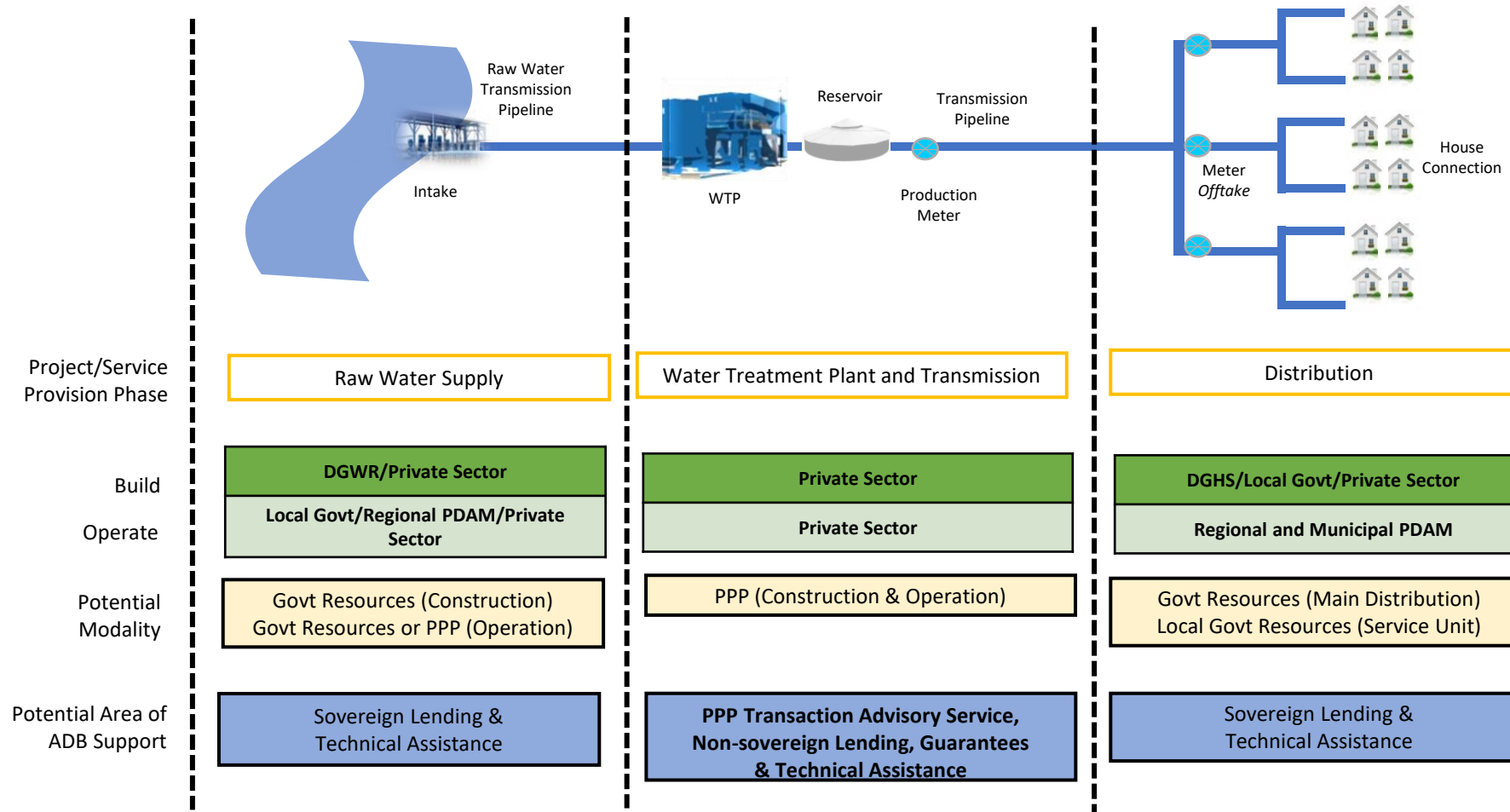
city residents openly defecate



ADB: Supporting Infrastructure Development

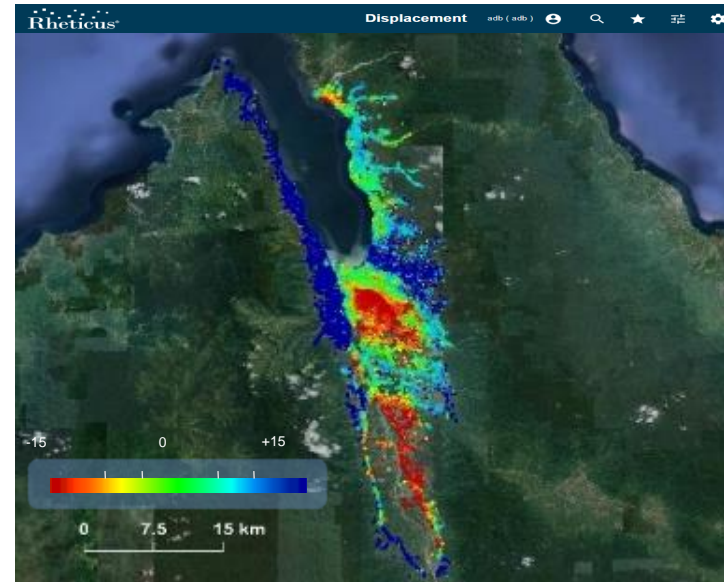
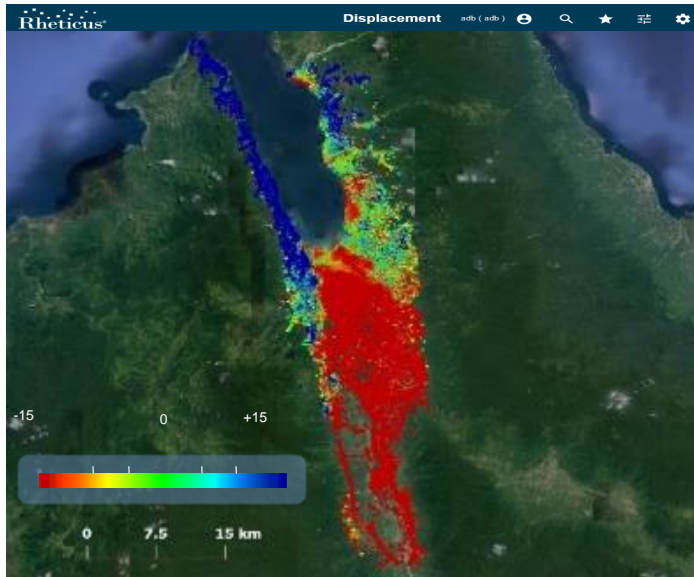


Increase Private Engagement in Water Supply: Source to Tap Approach



Improve Planning and Engineering: Earth Observation Technology

- Terrain deformation analysis (pre and post event)

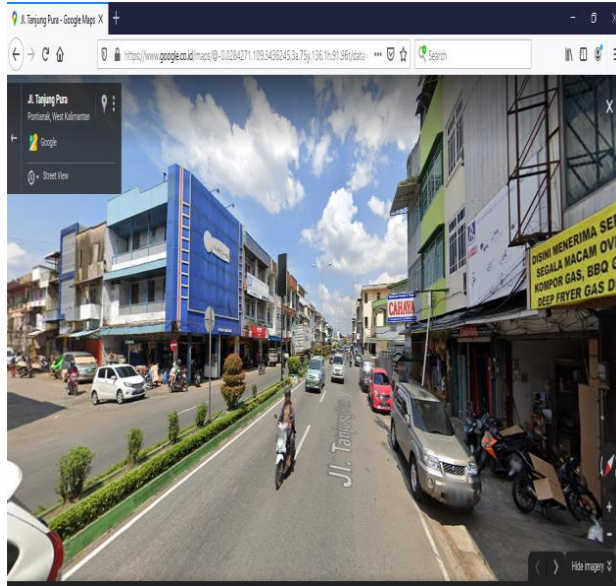


- Reconstruction monitoring (after 1 year the event)

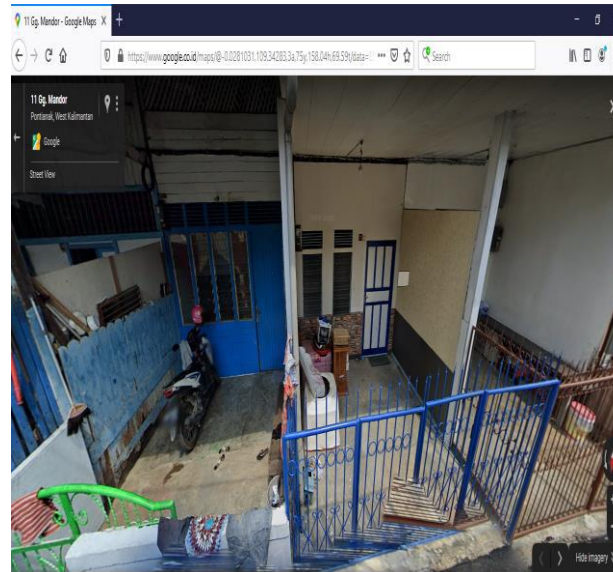


Improve Planning and Engineering: Use of Technology

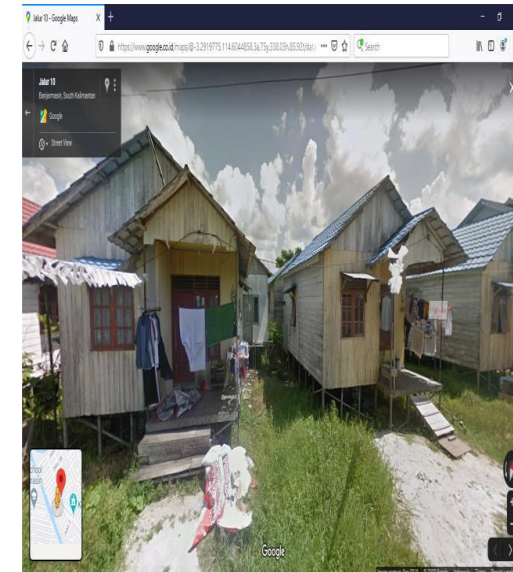
Google Streetview in ESP supported DED for Sewerage System Pontianak



Assess traffic condition.
Identification of location for
manholes for sewer



Virtual property survey to identify
location of household
connections



Virtual property survey to
identify location of
household connections in
low-income areas

Smart City Solutions








Photo Credit: ETH Zurich.

Urban Development: Our Portfolio



Ongoing


-  MSMHP: Metropolitan Sanitation Management & Health Project (2010-2020)
-  MSMIP: Metropolitan Sanitation Management Investment Project (2014-2023)
-  ESP: Accelerating Infrastructure Delivery through Better Engineering Services Project (2016-2022)
-  EARR: Emergency Assistance for Rehabilitation & Reconstruction (2019-2022)
-  AASCTF: ASEAN-Australia Smart Cities Trust Fund (2019-2023)

Planned

-  RISE: Revitalization of Informal Settlements and Their Environments (2020)
-  NSO: Improving Creditworthiness of Water Utility Companies (2020-2021)
-  1 LSIP: Livable Settlements Investment Project (2021-2025)
-  EWSIP: Enhanced Water Security Investment Project (2021-2027)
-  CISP: City-wide Inclusive Sanitation Project (2022-2025)

 Project locations not pictured

Aligned with priority projects in National Medium-Term Development Plan (RPJMN) 2020 -2024

			ADB's Urban Development Program								Legend	
			Ongoing Projects					Planned Projects				
			MSMHP	MSMIP	EARR	AASCTF	ESP	CISP	RISE	NSO	LSIP	EWSIP
RPJMN 2020-2024	Major Projects	9 		●		●					●	9. Development of Metropolitan Areas
		11 									●	11. Development of New Cities
		13 			●							13. Post Disaster Recovery
		15 	●	●			●	●	●	●	●	15. Reduction in Maternal Mortality & Stunting
		27 									●	27. Coastal Security of 5 Cities on Northern Coast of Java
		32 	●	●			●	●	●		●	32. 90% Access to Sanitation
		33 					●		●	●	●	33. 100% Access to Water Supply
		34 									●	34. Urban Flats
											MSMIP Metropolitan Sanitation Management Investment Project	
											EARR Emergency Assistance for Rehabilitation & Reconstruction	
											AASCTF ASEAN-Australia Smart Cities Trust Fund	
											ESP Accelerating Infrastructure Delivery through Better Engineering Services Project	
											CISP Indonesia City-wide Inclusive Sanitation Project	
											RISE Revitalization of Informal Settlements & Their Environments	
											NSO Improving Creditworthiness of Water Utility Companies	
											LSIP Livable Settlements Investment Project	
											EWSIP Enhanced Water Security Investment Project	

Improving Creditworthiness of Water Utility Companies

Approval: November 2021
Implementation: 2022
Financing: Nonsovereign
Lending

Approach/ Design:

- Exploring direct lending to selected Indonesian water utilities (PDAMs) in Palembang and Banjarmasin as part of larger objective to improve creditworthiness of water utilities.

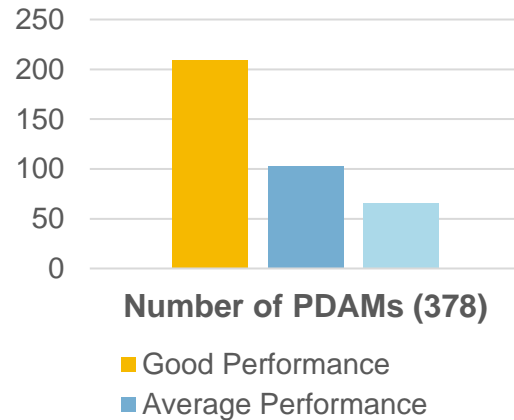


Photo Credit: ADB.

Indonesia City-wide Inclusive Sanitation Project (CISP)

Approval: 2022
Implementation: 2023 - 2026
Financing: Loan - US\$310 million

Approach/ Design:

- Investments in city-wide sanitation with main focus on centralized wastewater treatment systems.
- Cities covered Pontianak and Semarang
- Sub-projects prepared through Accelerating Infrastructure Delivery through Better Engineering Services Project



Photo Credit: Open Source

Livable Settlements Investment Project (LSIP)

Approval: Planned 2021
Implementation: 2022 - 2025
Financing: Loan - US\$150 million

Approach/ Design:

- Enhancing urban planning, building community resilience, and planning infrastructure that will facilitate long-term sustainable and economic growth.
- Promoting collaboration approach through involvement of different institutions in the project design
- Supports ADB's Strategy 2030's key operational priorities of tackling climate change, making cities more livable, strengthening governance and institutional capacity, and accelerating gender equality.

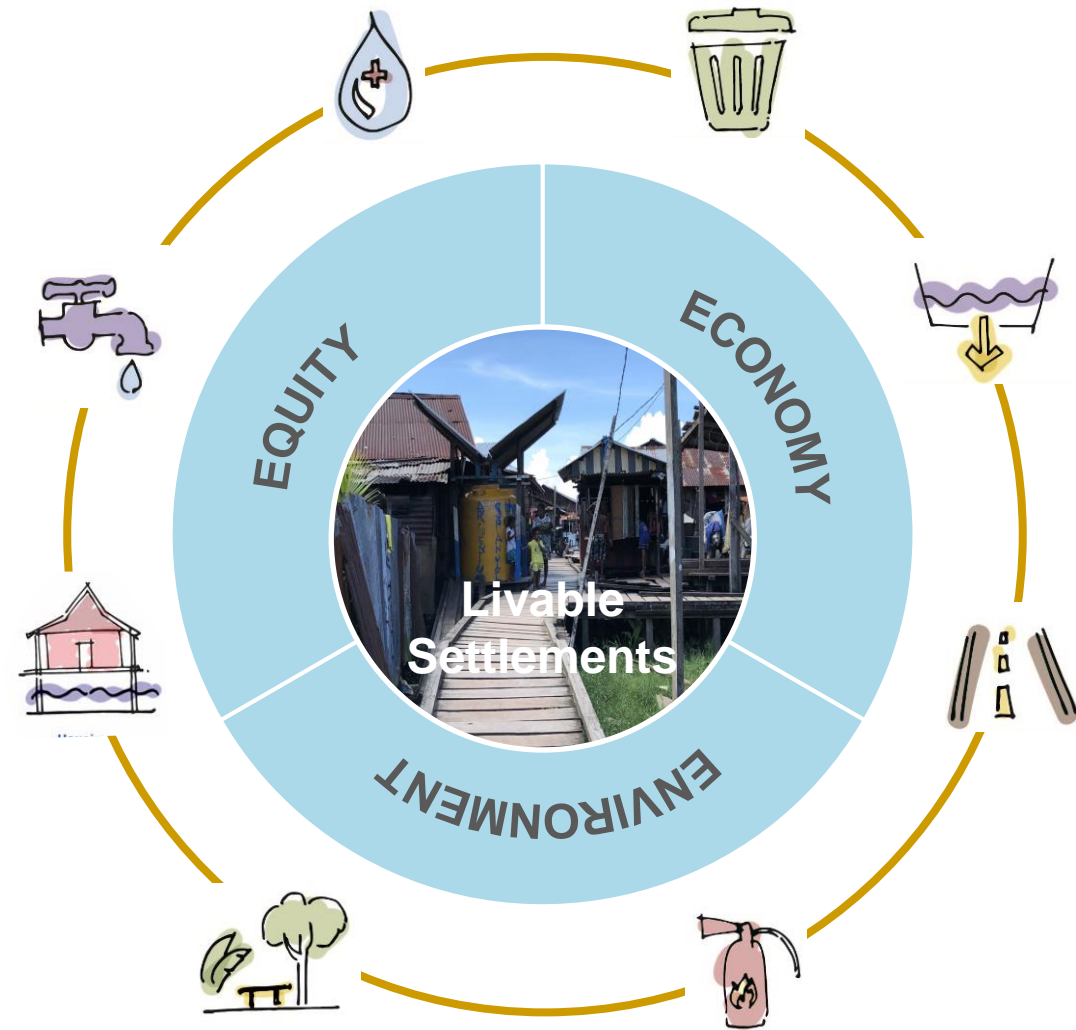


Photo Credit: ADB



Thank you.

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