



CASE STUDY: FINANCING INTEGRATED SANITATION

Tangerang Selatan



Quick Facts

Country:	Indonesia
Population:	1,600,000 Inh.
Adm. Area:	147.2 km ²

Tangerang Selatan



Executive Member of City Alliance since 2017

Contact

Building and Spatial Agency
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Project Start/End Year
2014-2028

City: Tangerang Selatan.

Country: Indonesia.

Applied financing model: National and local government budget and public-private partnership (PPP).

Quick Facts

Population: 1,664,908 inhabitants (Source: Kota Tang-Sel Dalam Angka, 2018).

Intervention area: 47.2 sq.km (Source: RTRW Kota Tangsel 2013-2031).

City GDP: 41,530,000 IDR or estimated 2,530 USD/capita (Source: Tangerang Selatan City Profile, 2018).

Country GDP: 45,588,690 IDR or estimated 3,150 USD/capita (Source: Central Bureau of Statistics, 2018).

Estimated Capital Expenditure: 78,343,689,000 IDR or estimated 5,569,754 USD (Source: City Development Planning Agency, 2018).

Actual Capital Expenditure: 71,052,054,660 IDR or 5,053,678 USD (~90.7%) (Source: City Development Planning Agency, 2018).

City Development Priorities

1. Decentralized wastewater management.¹
2. School-based sanitation.
3. Decentralized solid waste management.
4. Concepts for septic tank and fecal sludge management.
5. Decentralized clean water management.
6. Policy and regulations development and adjustment.

Expected Project Outcomes

1. Integrated sanitation solutions for water protection.
2. Decentralized wastewater management for communities, schools, traditional markets and hospitals.
3. Solid waste management systems for communities, schools and traditional markets.
4. Institutional and community capacity building.

Current Project Interventions

1. Capacity building and policy development for water and sanitation planning in densely populated areas.
2. Workshops and assistances in operation and maintenance (O&M) of sanitation infrastructures.
3. Field visit for the Integrated Sanitation Approach (ISA) stakeholders to implement sanitation best practice.
4. Piloting "livable neighborhoods".
5. Feasibility study for fecal sludge management (FSM) on regional scale (identification of suitable locations) and assistance and facilitation of FSM facility implementation.
6. Introduction to advanced sanitation infrastructure (user friendly, economic, good quality) for community and boarding school.
7. Enforcement of new water and sanitation regulations.
8. Awareness raising and education.



Campaigns for communities and stimulation/trigger actions on the importance of sanitation program in community settlement.

Key Messages

For policymakers:

The project assists the policymakers in Tangerang Selatan City which have high intention to install a new FSM technology for covering the whole city area and also high demand on supervising community on DEWATS and DESWAM (KIPRAH and KIPRAH VER). The project also serves as a reference to exchange experiences with other cities.

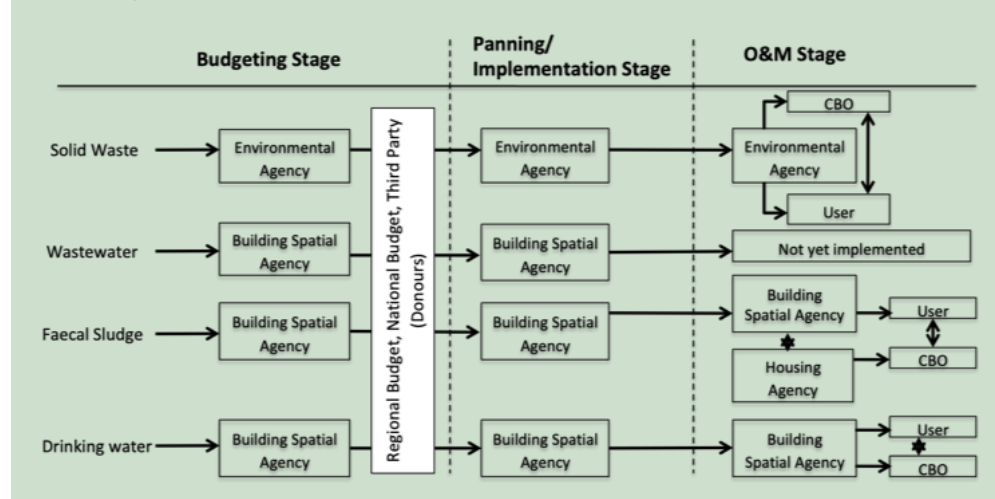
For financing institutions:

Knowing the City of Tangerang Selatan is one of the fastest growing city economies, the project demonstrates a new business opportunity and income-generating technology options which can be implemented and replicated professionally by the private sectors.

For think-tanks and academia:

The project serves as an example of a more efficient way to research for multidisciplinary case studies and to test and improve the application technology in scientifically, like we have done for the Livable City in Nambo, South Tangerang City.

Financing Scheme (as of January 2019)



Contribution to the 2030 Agenda for Sustainable Development

Implementation of the concept of Integrated Sanitation that is applied in this city contributes to achievement of a cluster of Sustainable Development Goals and Targets of the 2030 Agenda for Sustainable Development, such as SDG 1- No Poverty; SDG 6 - Clean Water and Sanitation; SDG 7 - Affordable and Clean Energy; SDG 9 - Industry, Innovation and Infrastructure; SDG 11 - Sustainable Cities and Communities; and SDG 17 - Partnerships for the Goals.

Contacts

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¹UN ESCAP, UN-Habitat and Asian Institute of Technology (2015). Policy Guidance Manual on Wastewater with A Special Emphasis on Decentralized Wastewater Treatment System.