

WASTEWATER MANAGEMENT PROJECT

Country: INDONESIA City: BALIKPAPAN	Status: COMPLETED Application approved: 11/OCT/2016	Key Sector(s): WASTEWATER MANAGEMENT
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PROONENTS

Baikpapan City Government Mrs. Nining Surtiningsih Head of Urban Planning Development Board Balikpapan City Jendral Sudirman Street Number 1 Phone: (+62) 0542 422515	PT Sarana Multi Infrastruktur (Persero) Mr. Pradana Murti Head of Project Development and Advisory Sahid Sudirman Center Floor 47 Jl. Jenderal Sudirman No. 86 Jakarta 10220 T : +62 21 80825288	Geography and Population Area: 503.3 km ² Population: 701,066 Balikpapan is a seaport city and the second largest city in the province of East Kalimantan. It houses some multinational cooperation that operate in East Borneo, and is also the site of important governmental agencies in East Borneo. Balikpapan has been ranked as one of the most livable Indonesian cities in 2015, based on the Indonesia Most Livable City Index.
Central State Partner PT Sarana Multi Infrastruktur (Persero)	Other Partners	

KEY CITY DEVELOPMENT ISSUES

In order to expand wastewater (WW) treatment and service coverage in accordance with the goals set out in Balikpapan's City Sanitation Strategy (10.65% to 48% by 2032), the Balikpapan Municipal government wishes to optimize its existing wastewater treatment works (at Margasari - blue circle in the map) to enable it to operate at full capacity and, in addition, to construct new WW treatment facilities in Perusda (red circle) and at the Somber Industrial Estate (yellow circle).

A Feasibility Study (FS) concerning this expansion plan was carried out in 2013 but needs to be supplemented with additional information (technical and financial in particular) which is the focus of CDIA's support.

DETAILS OF COOPERATION

CDIA supported activities include reviewing the existing FS relating to sanitation sector investment and enhancing its technical, financial, institutional, environmental and social content.

Specific areas of focus including conducting a comprehensive municipal financial analysis, updating WW service demand data, and providing further technical detail for the effective implementation of Balikpapan sanitation system expansion. The technical analysis focused on wastewater treatment (WWT) and, specifically, upgrading / rehabilitation of an existing WWT facility and the construction of two further WWT facilities.

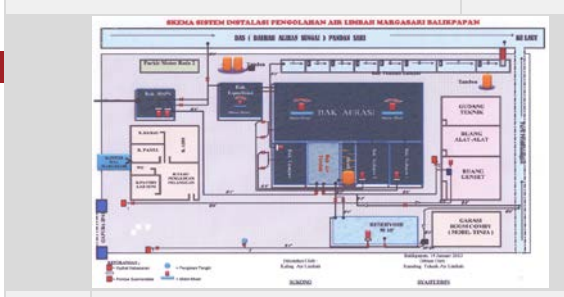
EXPECTED DEVELOPMENTAL IMPACTS

- WW system development in Balikpapan will improve the quality of life of its citizens through reducing incidences of disease and ill health and via improving the cleanliness of water bodies
- Increase the percentage of urban poor who can access basic sanitation services
- Generation of job opportunities through WW system expansion
- Increase the quality of development planning and control of the city government

PROJECT PERIOD	DEC/2016 - APR/2017
CDIA SUPPORT	US\$ 62,000
CITY CONTRIBUTION	US\$ 12,000 (in kind)


Intervention Areas


Existing and proposed WW treatment sites



Margasari Wastewater Treatment Plant Layout

EXPECTED INVESTMENT FOLLOW UP

Est. infrastructure investment value	US\$38.0 mn
Potential sources of financing	
LFI (including PT Sarana Multi Infrastruktur)	