

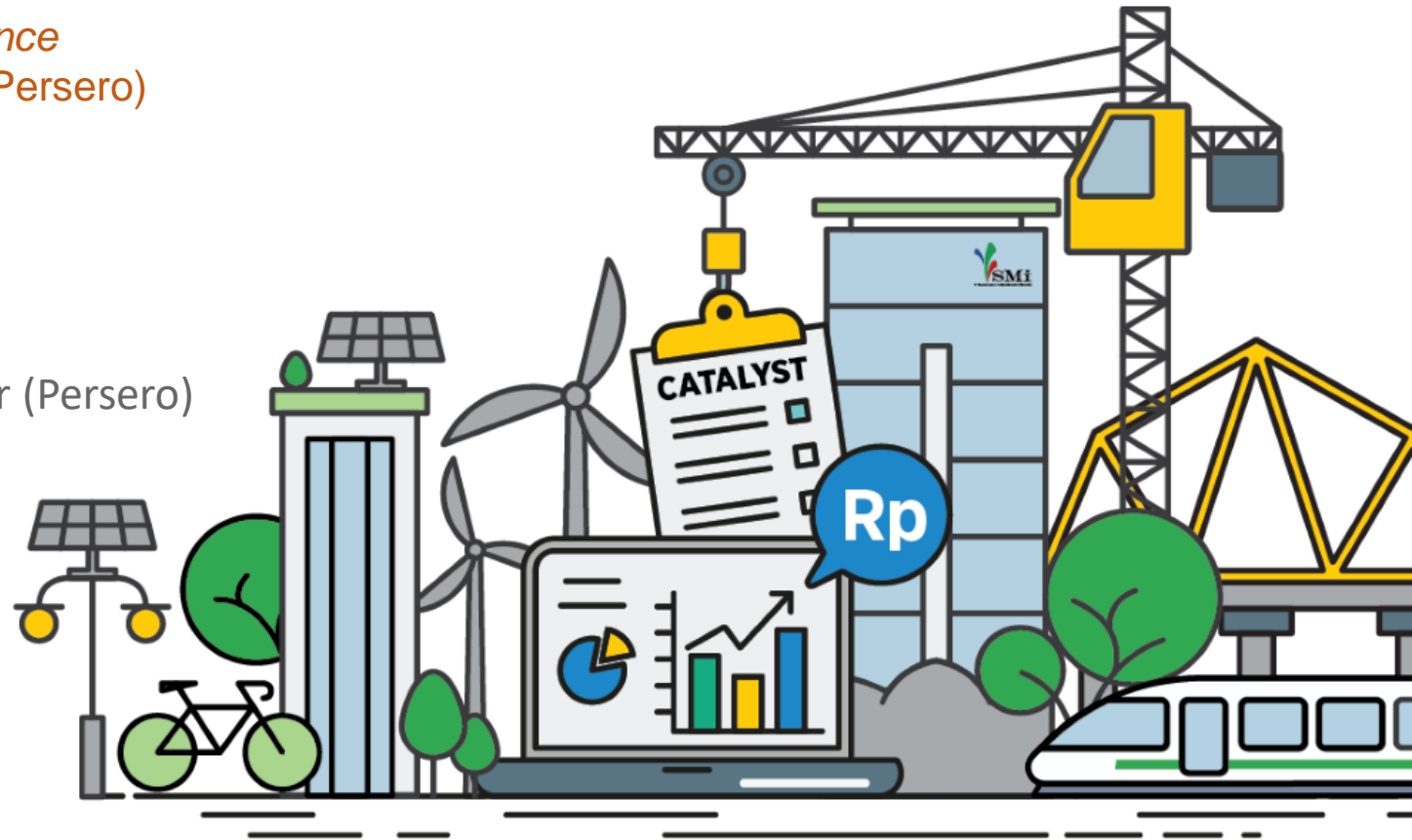
Zero Carbon City International Forum 2021

Cooperation and Collaboration Between Finance And Business Sectors For Zero Carbon

Darwin Trisna Djajawinata
Director of Operation and Finance
PT Sarana Multi Infrastruktur (Persero)

PT Sarana Multi Infrastruktur (Persero)

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A leading catalyst in the acceleration on the national infrastructure development

PT Sarana Multi Infrastruktur (Persero)

Who we are and what we do

Non-Bank Financial Institution for Infrastructure Financing, 100% owned by Government of Republic of Indonesia through Ministry of Finance

Business Pillars & Strategic Partnership

Innovative, Unique & Flexible Financing Products in “closing the gap” and as complementary to other financing

- Senior Loan,
- Subordinate/Mezzanine,
- Equity,
- Municipal Finance,
- Sustainable Financing,
- Sharia Financing

Advisory & Project Development as enabler for infrastructure investment

- Financial/Transaction Advisory, Financing Arranger,
- PPP Development, Technical Assistance, Capacity Building,
- Renewable Energy Project Development, Geothermal Fund Management

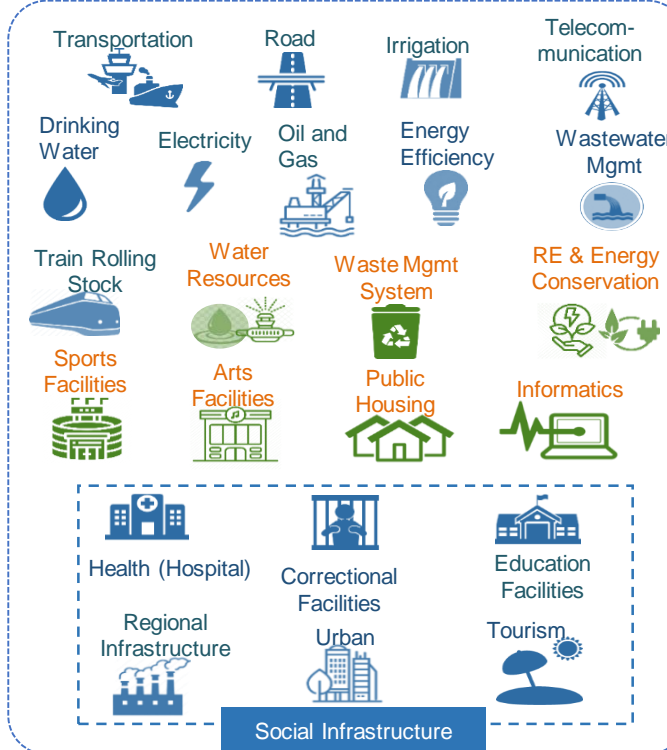
Strategic Partners for domestic and international institutions in accelerating infrastructure development in Indonesia

- Ministries/Governmental Offices, Municipalities
- Private / State Owned Entities
- FI/Banks/Private Equity, Multilateral/Bilateral, Sovereign Wealth Fund
- Capital Market, Institutional Investors (Pension Fund, Insurance, Social Security Funds, Hajj Funds, etc)

PT SMI's advantages

Long-term financing
Non bank financial institution
Innovative Financing Product
Flexible Financing Scheme
Large Multiplier effect

Sectoral Focus



Performance (January 2021)

AAA/Stable Highest rating for local company
National Rating

BBB/Stable similar with sovereign rating
International Rating

USD 7.2 Billion Total Asset

USD 2.7 Billion Total Equity

USD 49.5 Billion Total Project Value

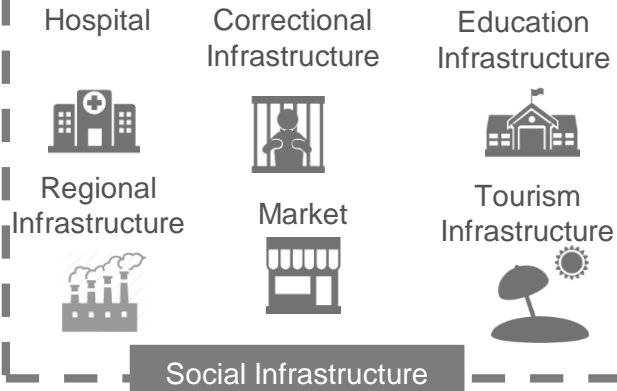
22.8 times Multiplier effect To paid up capital

“unqualified opinion” FS Opinion for 10 consecutive years

PT SMI's Support to Sustainable Cities

Sectoral Focus

Municipal Finance



Commercial Finance



Sustainable Cities Support



Sustainable infrastructure is a key driver to promote sustainable city development



SDG Indonesia One

Blended Finance Platform



USD 3.03 Billion from 33 Partners *(status Per February 2021)

Development Facilities

Grant (Project Preparation, Technical Assistance, Research)

De-Risking Facilities

Concessional Loan, First-Loss Facility, Interest Subsidy, Guarantee Premium Subsidy, VGF etc.

Financing Facilities

Senior Loan, Subordinated Loan

Equity Fund

Equity, Equity-Linked Investment

Government Agency, Development Financial Institutions, Climate funds, Philanthropy, other financial institutions

Highlight SDG Indonesia One

As of February 2021

Achievement in 2020

Blended Finance

15 Projects

Consisted of 5 financing projects and 10 project development

Financing Ecosystem

11 Events

Consisted of *capacity building, sharing session, and business matching*

Capital Mobilization

USD 791 Million

Consisted of financing facilities, *de-risking grant*, project development facilities grant and *technical assistance*

Partners

33 Partners

Consisted of donors, philanthropist, climate agencies, and 7 new partners from development banks

On Going Program

Solar Rooftop Program

Urban Infrastructure Program

Rehabilitation of Disaster Affected Area

Renewable Energy Program



Impact to SDGs Achievement



- Additional capacity of **103,1 MW** renewable energy for ≈ 114.556 households (assumption: 900W per household)
- Emission reduction of ± 5.867 tCO₂e per year



101 temporary housing and **218** permanent housing for **1.430** families (**5.780** people).



1.405 beds and **2071 – 2277** additional human resources



Waste management with capacity of ± 365.000 ton / year



1.008.000 people getting access to clean water and **500.000** people getting a safe sanitation service



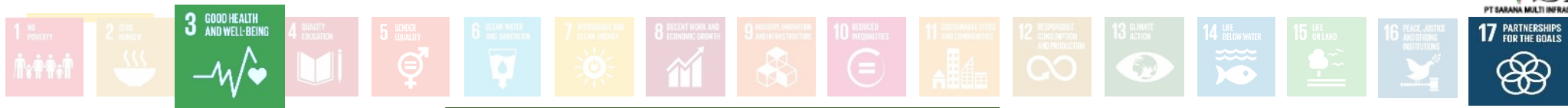
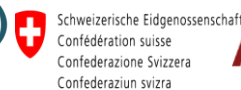
4 schools with **31** classes for **716** students



Expansion of traditional market space up to **15.400** m² and **172** kiosks;
1 worship facilities

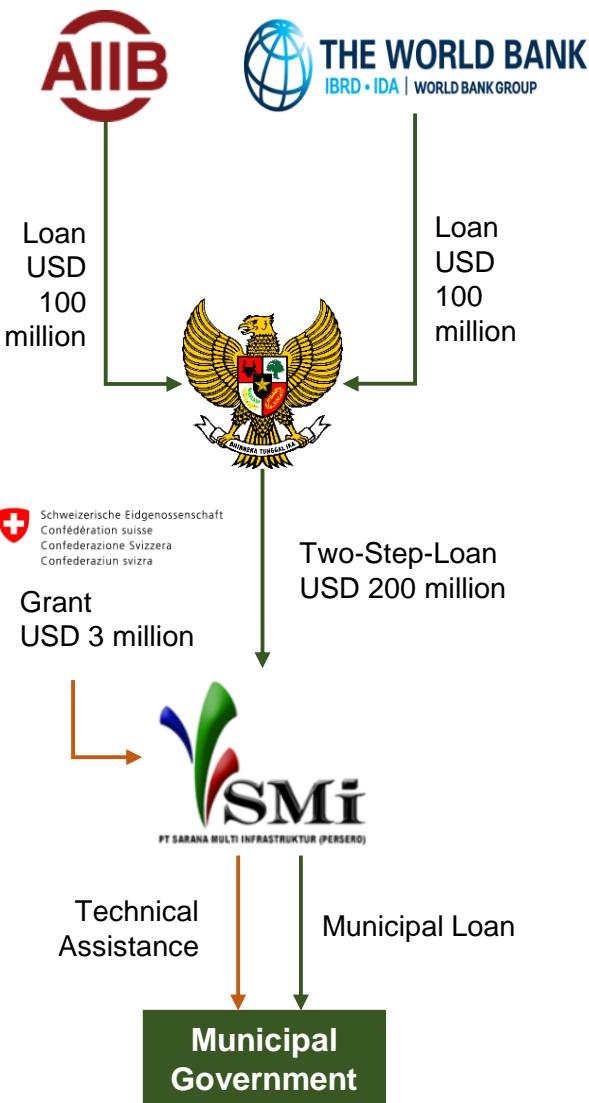
Example of Municipal Financing (Blended with Grant Support from Donor)

Regional Infrastructure Development Fund: Hospital Project



North Sulawesi Regional Hospital (Type B)

Eye Center Hospital North Sulawesi



Role	Project preparation & financing
Project Preparation	IDR 3,164,840,000 using SECO grant to construct DED & environmental documents
Financing	Commitment: IDR 300 billion Tenor 5 years Interest rate: 9.4 % per annum

Role	Project preparation & financing
Project Preparation	IDR 2,918,498,000 using SECO grant to construct DED & environmental documents
Financing	Commitment: IDR 100 billion Tenor 5 years Interest rate: 8.53 % per annum

Benefits

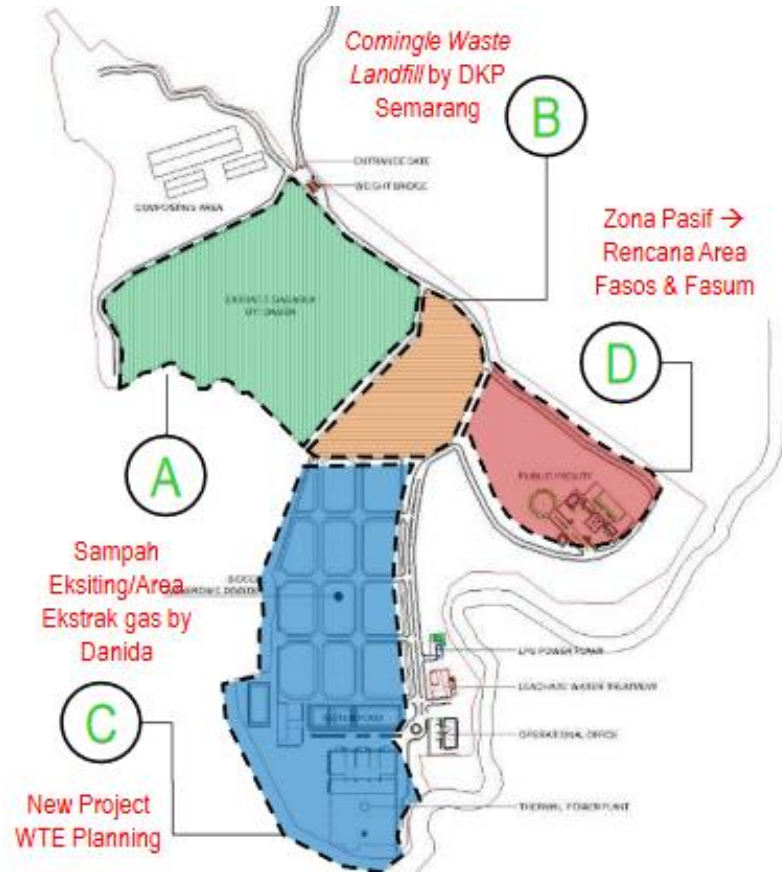
- Improving the services, health facilities and infrastructures in North Sulawesi Province
- Supporting the provision of tiered-health services and referrals since North Sulawesi province has not got an adequate and easily-accessible provincial referral hospital (type B).

Benefits

- Improving the quality of eye-health services to the community
- Reducing the prevalence of high blindness in North Sulawesi

Support of PT SMI to PPP Project for Waste Management Sector

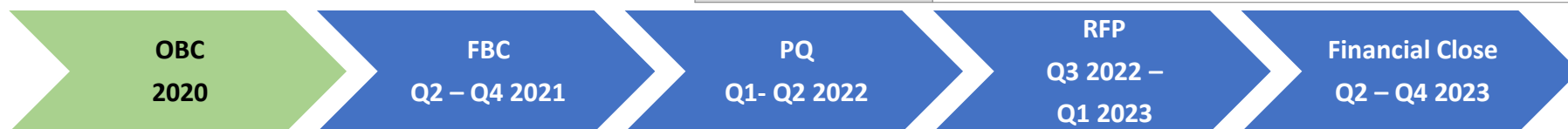
Jatibarang Waste Management PPP Project



Project Profile

Sector	Urban Waste Management - Waste-to-Energy with the potential of 19.3 MW electricity production
Location	Jatibarang Landfill, City of Semarang. Central Java
GCA	Semarang City Mayor
Partnership scheme	<i>Build – Operate - Transfer (BOT)</i>
Project Scope	<ul style="list-style-type: none"> • Design, build, operate and maintain the facility of Jatibarang Waste Management in Semarang (including Main and Supporting Infrastructure); • Electricity transmission system installation; • Operate and maintain Jatibarang Waste Management; • Combustion residue handling (fly ash and bottom ash); and • Corporate Social Responsibility (“CSR”) during concession period.
Estimated Project Cost	IDR 2,8 Trillion (including financing cost)
Concession Period	20 years (including 3 years of construction)
IBE Return of Investment Mechanism	Maximum Tipping fee: IDR 780.555/tonne (OBC 2019)
Project Status	National Strategic Project

Indicative Project Timeline



* Based on OBC 2019

Grant for Project Preparation Facility for Integrated Sustainable Bus Rapid Transit Development in Semarang for Zero Carbon Development

Project Overview:

Bus Rapid Transit in Semarang, Central Java

Project Owner	: City Government of Semarang
Estimated total project cost	: ± Rp 1200 billion
Estimated corridor length	: ± 13 km
Project Preparation Cost	: USD 788,000 (GCF) + USD 300,000 (GIZ)
Project Preparation Source of Fund	: Green Climate Fund and GIZ SUTRI NAMA – INDOBUS

PPF Scope:

No	Activity	PT SMI (GCF)	SUTRI NAMA – INDOBUS (GIZ)
1	Pre-Feasibility Study		<input checked="" type="checkbox"/>
2	Feasibility Study	<input checked="" type="checkbox"/>	
3	Legal and Regulation Study		<input checked="" type="checkbox"/>
4	ESIA	<input checked="" type="checkbox"/>	
5	Gender Assessment		<input checked="" type="checkbox"/>
6	Risk Assessment		<input checked="" type="checkbox"/>
7	Stakeholder Management		<input checked="" type="checkbox"/>

Project Support



Capacity Building Activity under Collaboration with SDG One Partners



No.	Partners	Title of Activity	Type of Activity	Date
1.	ADB	<i>Training Green Framework</i>	<i>Capacity Building</i>	30 January 2020
2.	JICA	<i>Sharing Session: Waste Management</i>	<i>Capacity Building</i>	11 August 2020
3.	IGES	<i>The Possibility of Application of Joint Credit Mechanism Fund in Collaboration with Kawasaki City</i>	<i>Business Matching</i>	13 August 2020
4.	IGES	<i>The Possibility of Application of Joint Credit Mechanism Fund in Collaboration with Kitakyushu City</i>	<i>Business Matching</i>	13 August 2020
5.	AFD	<i>Sharing Session: Waste Management</i>	<i>Capacity Building</i>	1 September 2020
6.	Infrastructure Asia	<i>Sharing Session: Waste Management</i>	<i>Capacity Building</i>	7 October 2020

Thank you.



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