TRANSPORTASI JAKARTA

CONNECTING THE LIFE OF JAKARTA

JakLingko

transjakarta

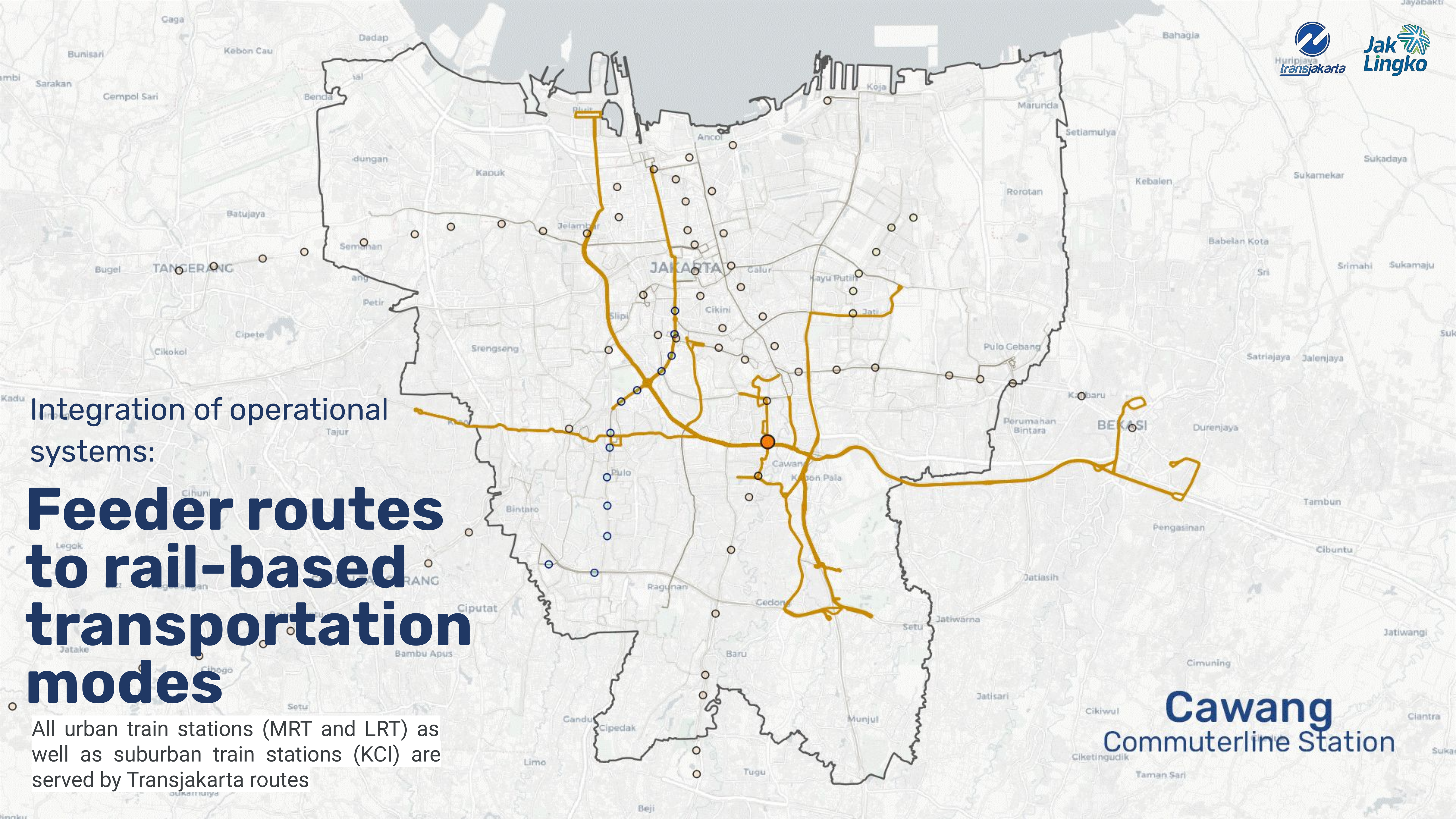
Mr. Anies Baswedan as the Governor of Jakarta has the vision to create Jakarta as a city that is more integrated with mass transport. With his slogan:

“Making a developed city for happier people.”

Integration of operational systems:

Feeder routes to rail-based transportation modes

All urban train stations (MRT and LRT) as well as suburban train stations (KCI) are served by Transjakarta routes



Cawang
Commuterline Station

Integration of infrastructure and facilities:

CSW and iconic bus stations

transjakarta

Jak Lingko

Transjakarta Overview

394.4 km
Corridor Length
Non-corridor 2,326.3 km

4,357 Fleets

18 Operators

535,735
Average Rideship in 2022

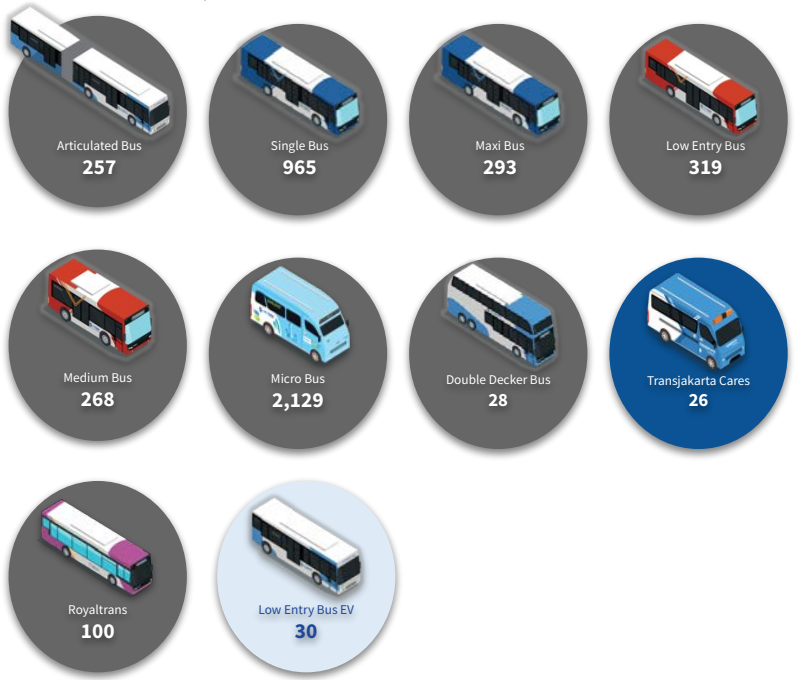
188 Routes
13 BRT Corridors

8 Service Categories

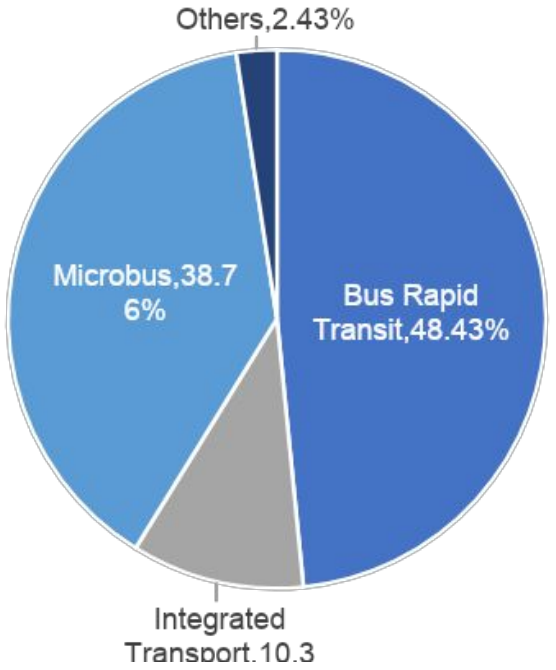
188 Rute

32 BRT	**53** Integrated Transport	**72** Mikrotrans
3 Public Assignment	**1** Transjakarta Cares	**8** Royaltrans
	8 Transjabo-detabek	**10** Housing Complex

4,357 Units



Ridership Segmentation



Electrification Background

GOVERNOR OF JAKARTA

Jakarta, 9 September 2019

Mr. Mark Watts
Executive Director
C40 Cities Climate Leadership Group

Dear Mr Watts,

It will be a pleasure for Jakarta and myself to be part of global cities in the upcoming Summit in Copenhagen in October. Global attention will turn to us, city leaders, then in terms of ambitions and actions we intend to take in the immediate future.

Hence, Jakarta would like to make use of this occasion to highlight our commitment to create an inclusive climate action plan through the Equity Plegde.

Jakarta would also like to pledge our commitment for a better air quality through the Clean Air Cities, as well as the Green and Healthy Streets declarations. Action commitments under those declarations have aligned with our Air Quality Improvement Roadmap and Strategic Programme.

I would like to emphasize my full support and commitment to ensure that Jakarta delivers on its promises with sufficient dedicated resources to achieve the goals set out in the declarations.

I hope that by continuously working together with C40 and C40 Cities, we could boldly set our ambitions and achieve them.

Yours Sincerely,

Anies Baswedan, Ph.D
Governor of Jakarta

International Commitment (Fossil-Fuel-Free-Streets C40 Cities)

In December 2019, **Jakarta** declared a commitment to participate in Fossil-Fuel-Free-Streets (an initiative carried out by C40 Cities which already followed by other 34 cities around the world).

1. **Procuring zero-emission buses only from 2025 onward**
2. **Ensuring the most areas of Jakarta City are emission-free by 2030**

Regional Commitment (Gov. Jakarta Regulation 90/2021)

Article 7

Setting targets for reducing GHG Emissions and increasing GHG Absorption to:

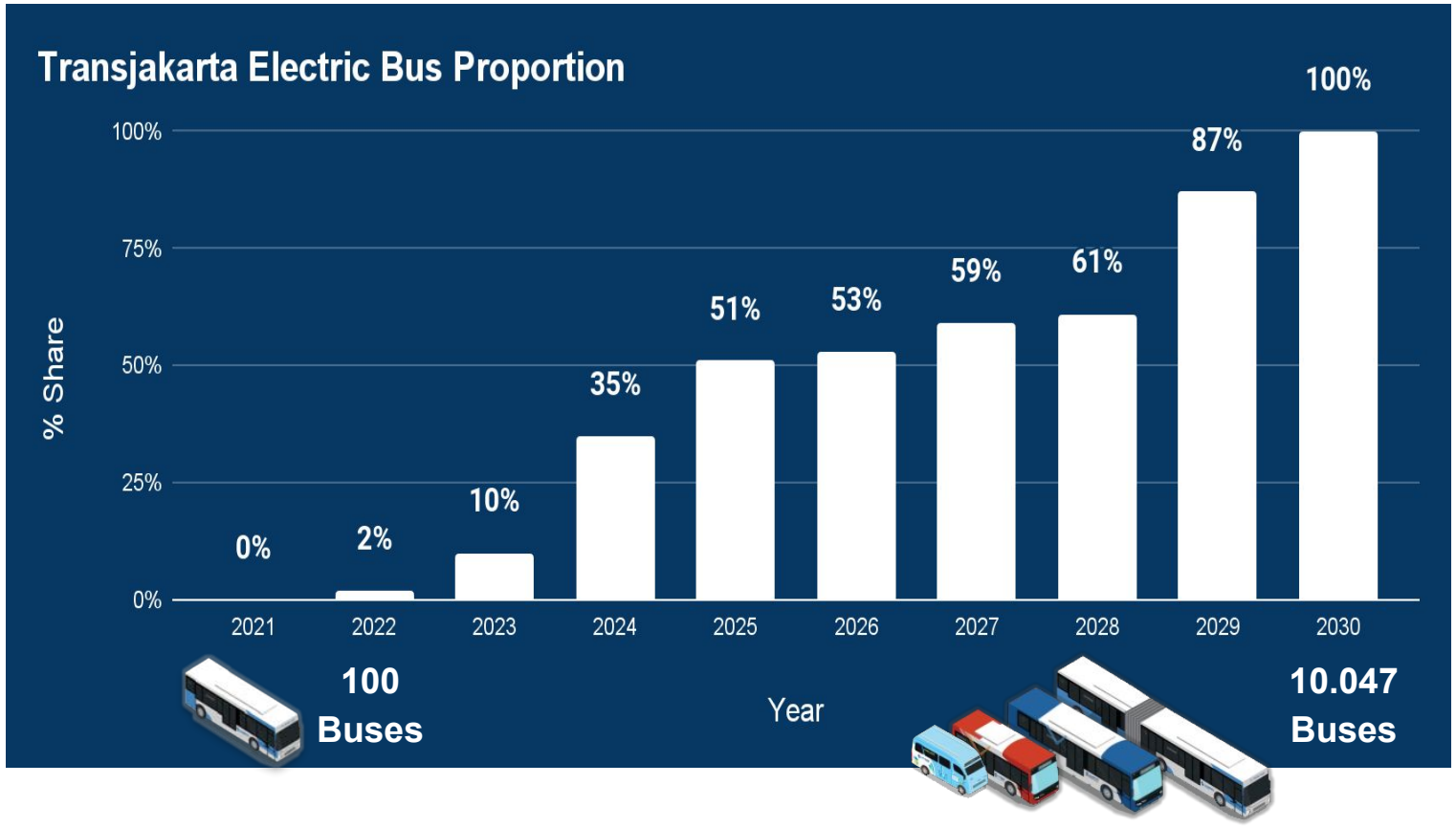
1. Achieve an emission level of 30% below the Measurement Base in 2030
2. Set a target of 50% under the Measurement Basis in 2030
3. **Establish net zero emissions by 2050;**

Regional Incentive (Gov. Jakarta Regulation 3/2020)

Article 2

Free of Title Transfer of Motor Vehicle Fee (Bea Balik Nama Kendaraan Bermotor) for electric vehicles, including buses

Electrification Roadmap



2022 - 2023

Low Entry Buses

- Electrification Bus Low-Entry 12-meter
- On-depot charging station (overnight charging)

Medium Low-Entry Buses

- Electrification medium of 8-meter
- On-depot and on-Terminal charging station

2023 - 2025

High-Floor BRT Buses

- Electrification High-Floor BRT 12-meter per corridor
- On-depot and on-Terminal charging station

Mikrotrans

- Electrification microbuses of 5 meter
- On-depot charging station

2025 - 2030

Retrofitting Existing Buses

- Retrofitting plan for existing diesel/CNG Transjakarta buses

Commitment of Electrification

First Electric Bus Operation in 2022

A part of 100-buses purchase plan in 2022 with 30 buses already procured and operated

BUS

30 low-entry buses
with 324-kWh battery

CHARGING

10 overnight fast chargers
with 200 kW of power each

Operation

Full operation on **June 7, 2022**

196 km of daily mileage for non-BRT routes:

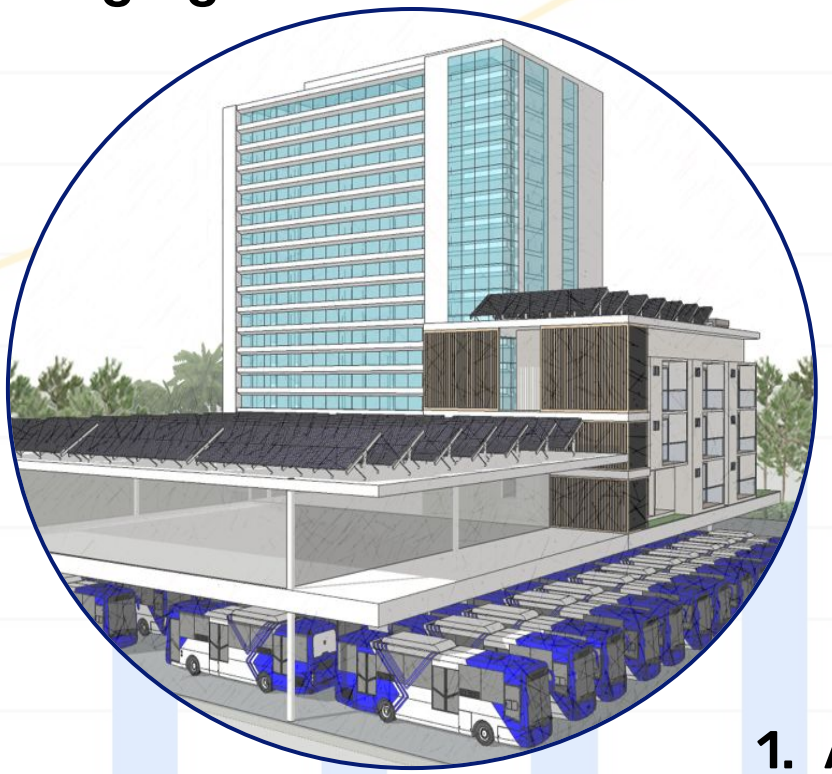
- 1P : Bundaran Senayan - Terminal Senen
- 1N : Blok M - Tanah Abang
- 6D : Stasiun Tebet - Karet via Underpass

Business Opportunity

Bus Procurement

1. Asset owning
2. Lease (Mobility as A Service)

Charging Station



1. Asset owning
2. Pay as A Service (Rp/kWh)
3. Pay as A Service + Property Management

Thing to Think for Development

- Require a good detail implementation planning include bus and charger technology selection
- Providing of supporting regulation, incentive and financial scheme to optimized TCO
- High investment to provide Bus and Charging Station

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