



# CALD SMART MOBILITY VISION FOR SAN MATEO RIZAL, PHILIPPINES

25 October 2024  
Khon Kaen City, Thailand





**Hon. Bartolome N. Rivera Jr.**  
**Mayor**  
**Municipality of San Mateo Rizal**

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**Engr. Louie Obtinario**  
**Traffic & Transportation**  
**Engineer**  
**Department of Public Order & Safety**

# OUTLINE



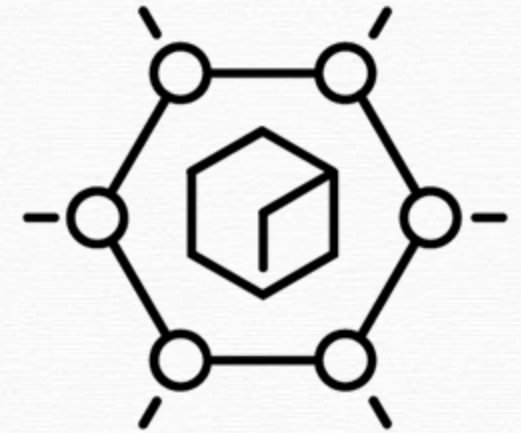
**Profile of  
San Mateo**



**Transport  
Challenges**

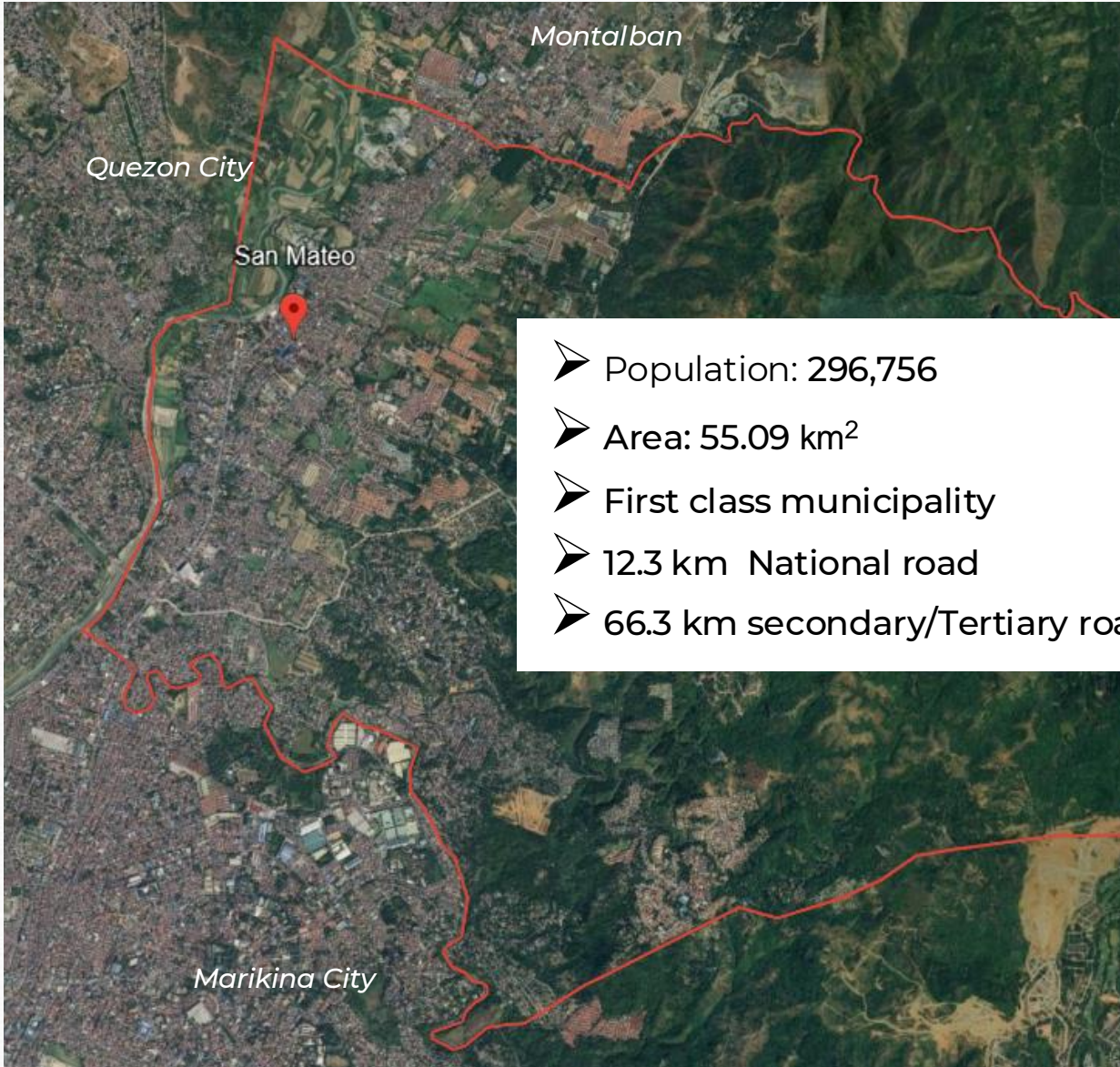


**Implemented  
Programs**

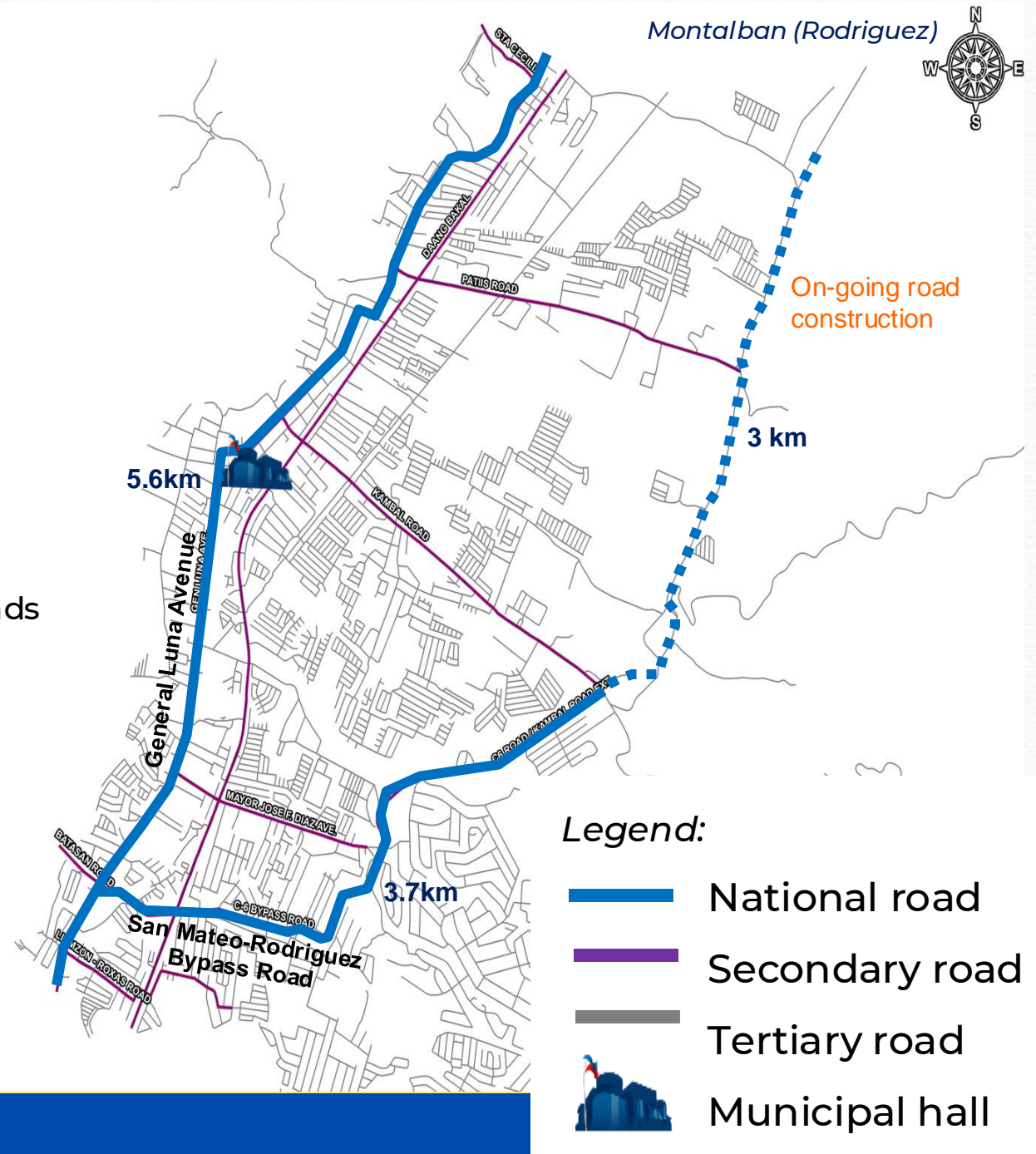


**Future and  
Long Term  
Plans**





- Population: 296,756
- Area: 55.09 km<sup>2</sup>
- First class municipality
- 12.3 km National road
- 66.3 km secondary/Tertiary roads



# VISION STATEMENT



San Mateo a green gateway and an eco tourism hub with Sustainable environment, Modern and Adaptive infrastructure, Responsive and Transparent Government, driven by a progressive economy and fulfilled citizenry

# TRANSPORT CHALLENGES

NASI  
KEBULI  
AYAM  
BU NING  
KAWA BY NING



SUPPLY AND RELIABILITY



AFFODABILITY



FRAGMENTED COORDINATION AMONG  
GOVERNMENT AGENCIES



CAR-CENTRTIC CULTURE



Jeepneys



Modern Jeepneys



Modern Jeepneys



UV VANS



TNVS



TAXIS

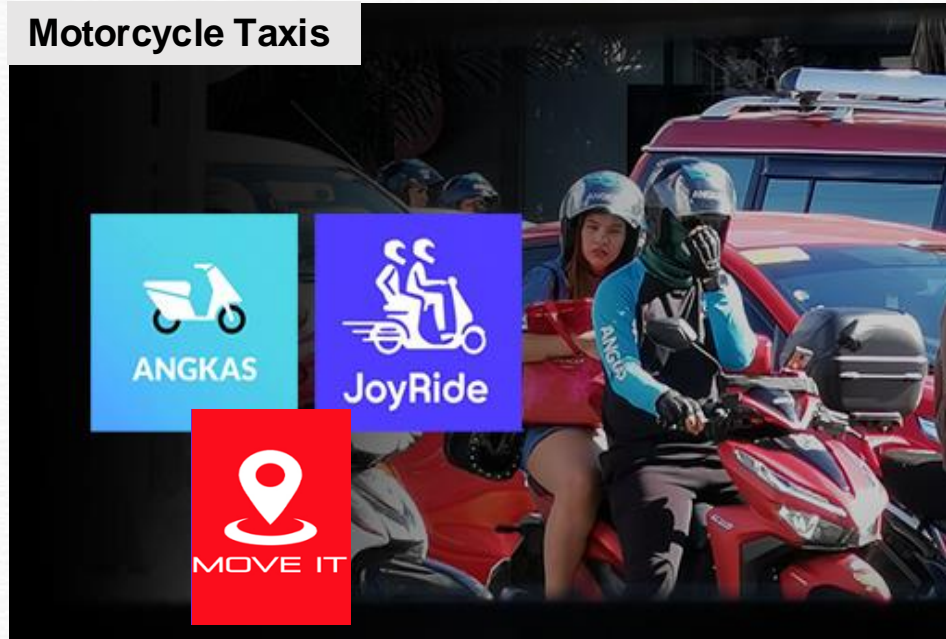


# Means of Transportation

## Tricycles



## Motorcycle Taxis



TRANSPORTATION MEANS	NO. REGISTERED VEHICLES	SEATING CAPACITY
Jeepneys	492	16
Modern Jeepney	15	30
UV Express	126	8
Transport Network Vehicles Services	21	4
Taxi	223	4
Tricycles	3,028	4
Motorcycle Taxi	2,400	2
Bikers	850	1

## Bicycles



## E-Trikes



## Pedicabs





# Supply & Reliability



₱ 25 to ₱200

₱ 14.50 to ₱ 116

(US\$0.43 to US\$3.47)

# Affordability

M-commerce

8:02 AM

San Mateo

SM City San Mateo Main Entrance

7 km

Silangan San Mateo B...

IGIBAN

Mototaxi - Rizal 8:34AM - 8:46AM drop off ₱121.00

Mototaxi ₱ 121

₱ 70.18

US\$2.10



7:55

San Mateo

SM City San Mateo Main Entrance

7 km

Silangan San Mateo B...

GrabCar 4-Se...outside NCR 8:25AM - 8:38AM drop off ₱321.00 ₱377.00

₱321

₱ 186.63

US\$ 5.57





# National Government

SUPPLY AND RELIABILITY



# Provincial Government



# Municipal Government

M-commerce

## Coordination among Government agencies

# Tired of commuting?

Avoid the pains of daily commute by getting your own car!

# Your dream car is waiting

Start driving the car of your dreams with our low rates Auto Loan



**441,000 units  
SOLD  
in 2023**



## START THE FUN!

Find happiness in your journeys with these family friendly deals from Toyota!



Zero Interest Rate

Zero Downpayment

Low Monthly Amortization





# **IMPLEMENTED PROGRAMS**

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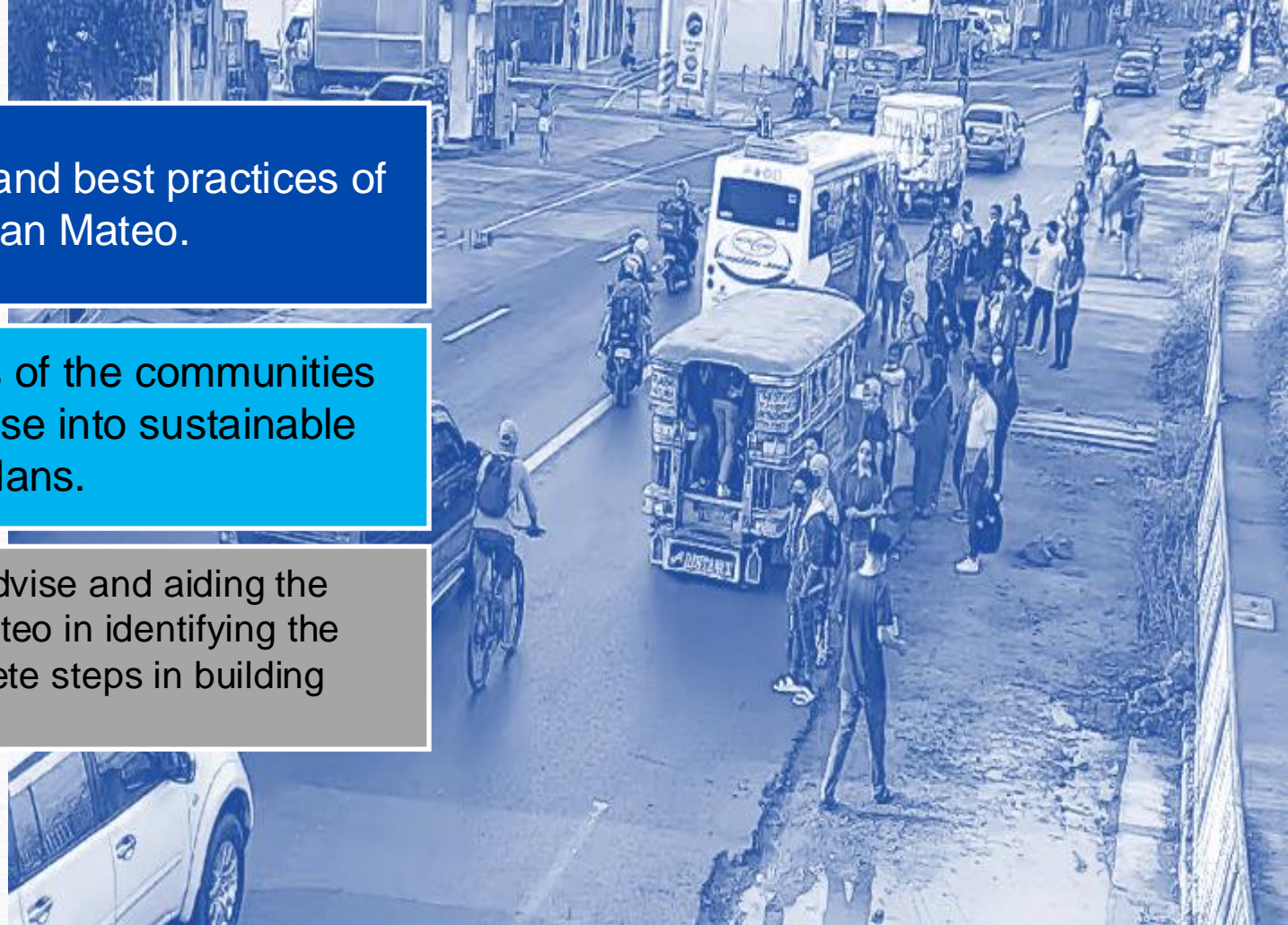


# **1<sup>st</sup> CALD SMART mobility workshop in San Mateo Rizal**

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# OBJECTIVES OF CALD SMART MOBILITY



Mobility challenges and best practices of the Municipality of San Mateo.



Assessing the needs of the communities and transforming these into sustainable policies and action plans.



To provide technical advise and aiding the Municipality of San Mateo in identifying the appropriate and concrete steps in building mobility plans.



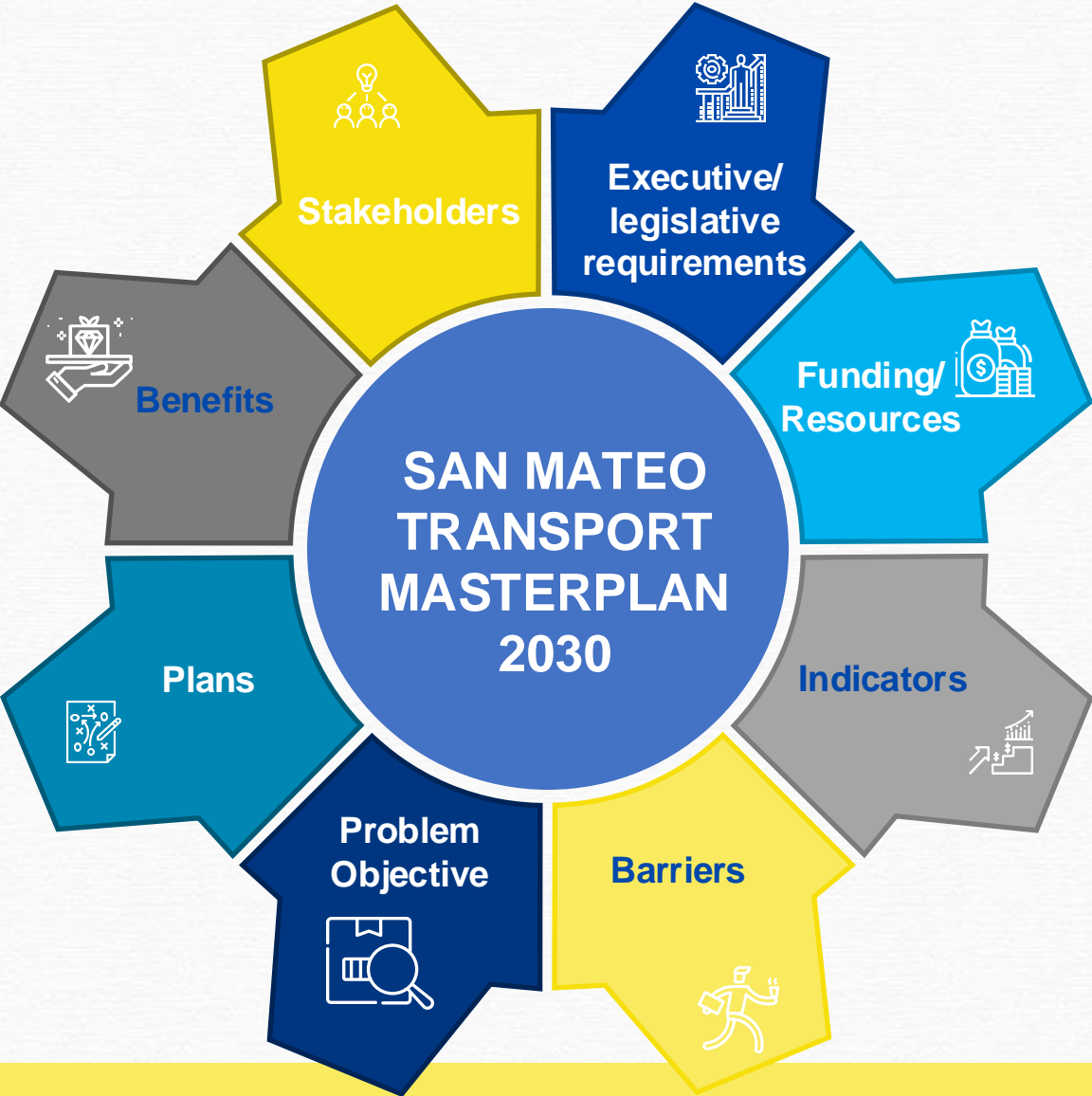


# KEY ISSUES

# INTERVENTIONS

<b>Active Transportation</b>	<b>01</b>	<b>01</b>	<i>Sidewalk improvement, accessibility for PWDs &amp; elderly, provide bike lanes &amp; bike parking.</i>
<b>Public Transportation</b>	<b>02</b>	<b>02</b>	<i>Additional public transportation ex. Double decker bus. new transport terminals and routes, PUV loading bay, priority lanes for PWD, elderly.</i>
<b>Enforcement and Regulation</b>	<b>03</b>	<b>03</b>	<i>Creation of traffic management board/council. Amend ordinances, additional traffic enforcers, additional road safety</i>
<b>Infrastructure</b>	<b>04</b>	<b>04</b>	<i>Improve roads and sidewalks for safety and beautification, create new road networks, Install cctv and signages for road safety,</i>

# FINAL OUTPUTS





# San Mateo Traffic and Incident Command Center





**BEFORE**



**NOW**

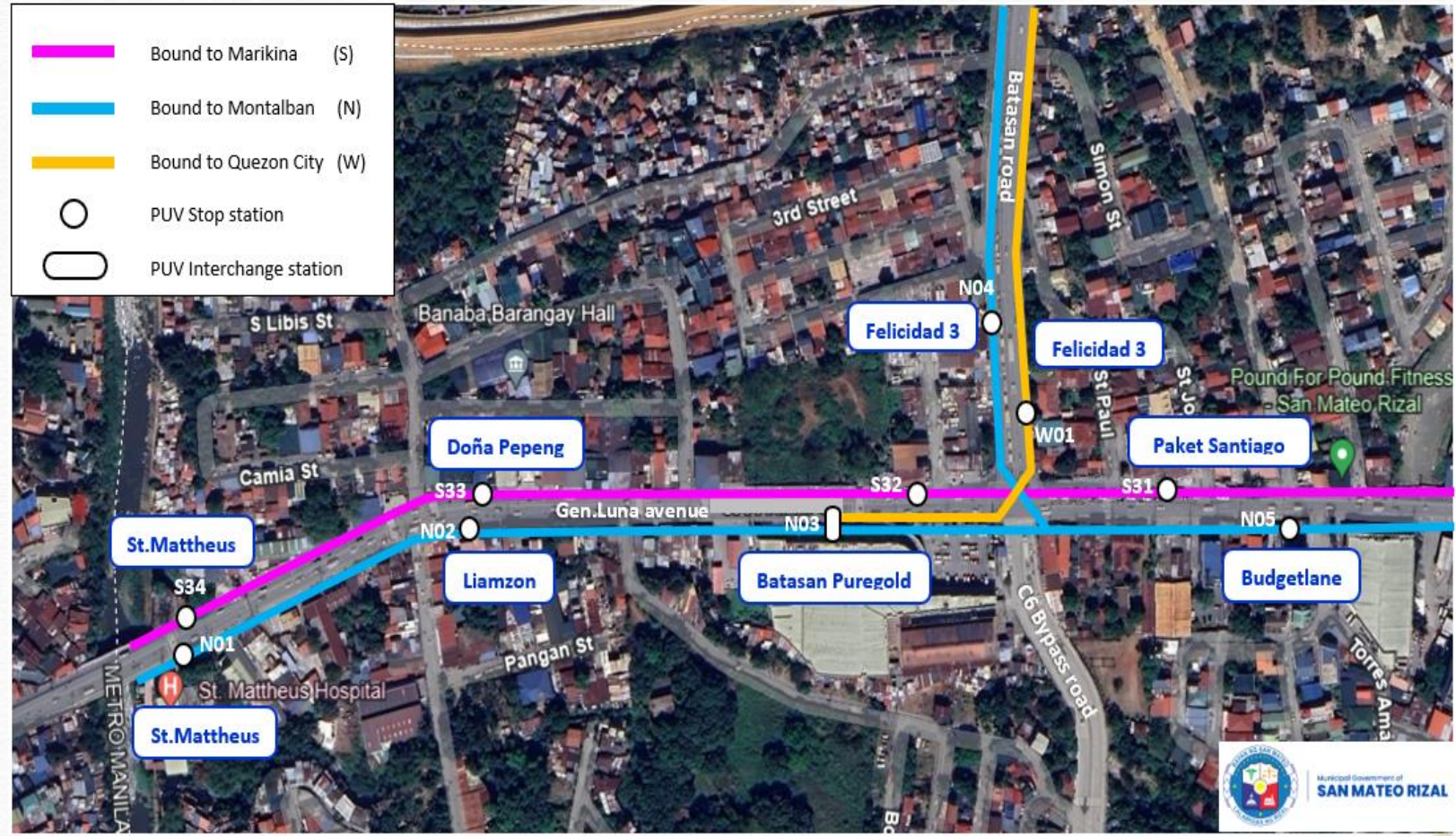


# **San Mateo Organized Route for PUVs (SMORP)**

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# San Mateo Organized Route for PUV's



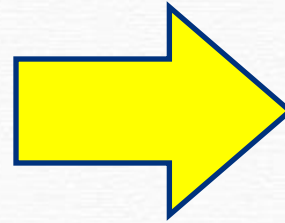
# San Mateo Organized Route for PUV's

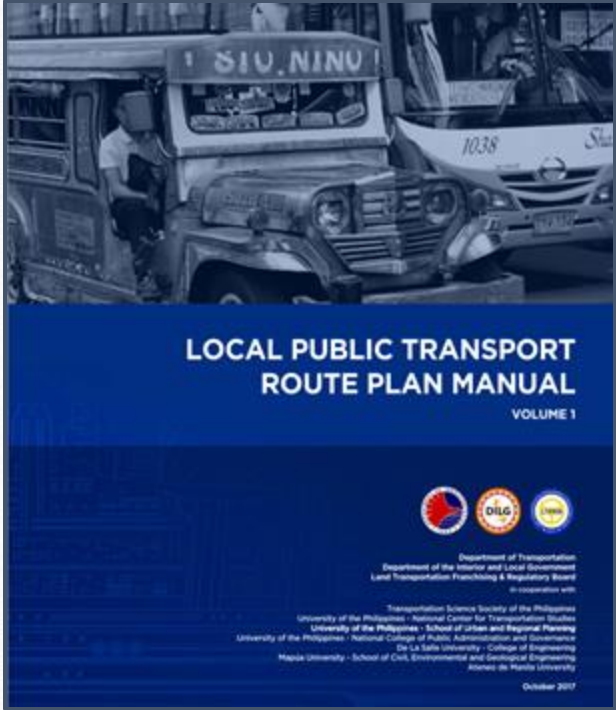




# **New Public Utility Vehicles (PUV) and New Transport Routes**

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**Libreng Sakay**  
San Mateo Rizal



# **Creation of San Mateo Traffic and Transport Management Council**

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# **Road improvements and new road networks**

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# **FUTURE AND LONG TERM PLANS**

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# **San Mateo Railway project**

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# The Longest Railway Network in Southeast Asia, 2024

List of SEA countries by rail transport network size based on total length of rail lines in the country.



No Active Rail Transport:  Brunei  Timor-Leste



SOURCE: SEA RISING, GOODSTATS.ID, GLOBALFIREPOWER.COM, WIKIPEDIA.COM



# San Mateo Railway project

## Project Details

- 17 kilometers
- 6 Stations
- Ongoing Feasibility study 2023-2024
- PPP scheme
- Full operations 2030



# San Mateo Railway project





# Proposed San Mateo Transport Hub





**National Center for Transportation Studies**  
University of the Philippines

**MAPÚA**  
UNIVERSITY



EASTS TSSP

**2024 TRANSMIT**

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October 2nd to 4th

EASTS.TSSP.MSC @EASTSTSPMSC



A man with dark hair and glasses, wearing a brown jacket over a patterned shirt, is speaking at a podium. He is gesturing with his right hand. The background is dark and out of focus.

“A developed country is not a place where the poor have cars. It's where the rich use public transportation.”

– *Gustavo Petro*



**Council of  
Asian Liberals  
and Democrats**



**ขอขอบคุณ  
๑**

**THANK YOU**