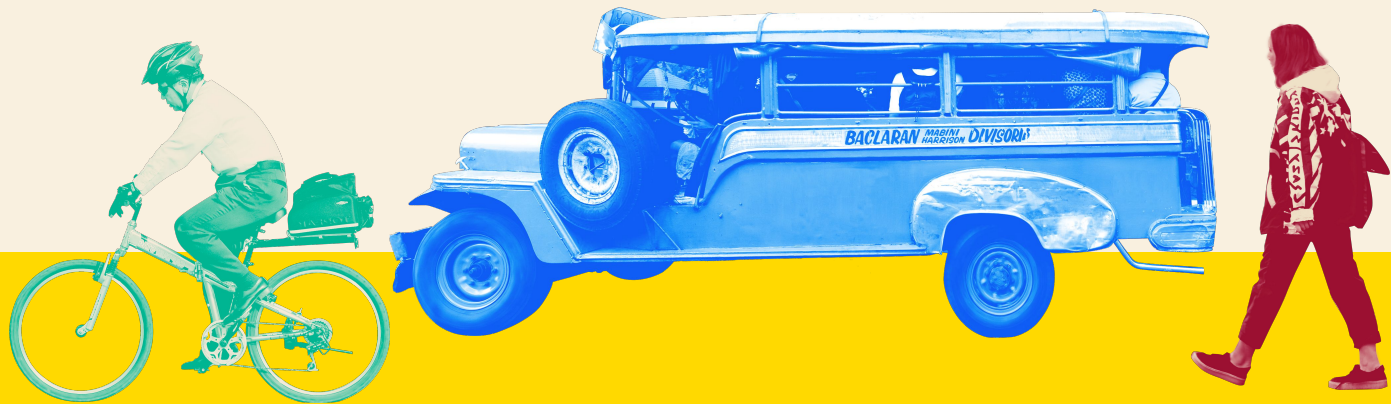


AltMobility PH





Players in PHL Transport



Transportation

- Aviation
- Maritime
- Railways
- Road



Franchise + Regulation

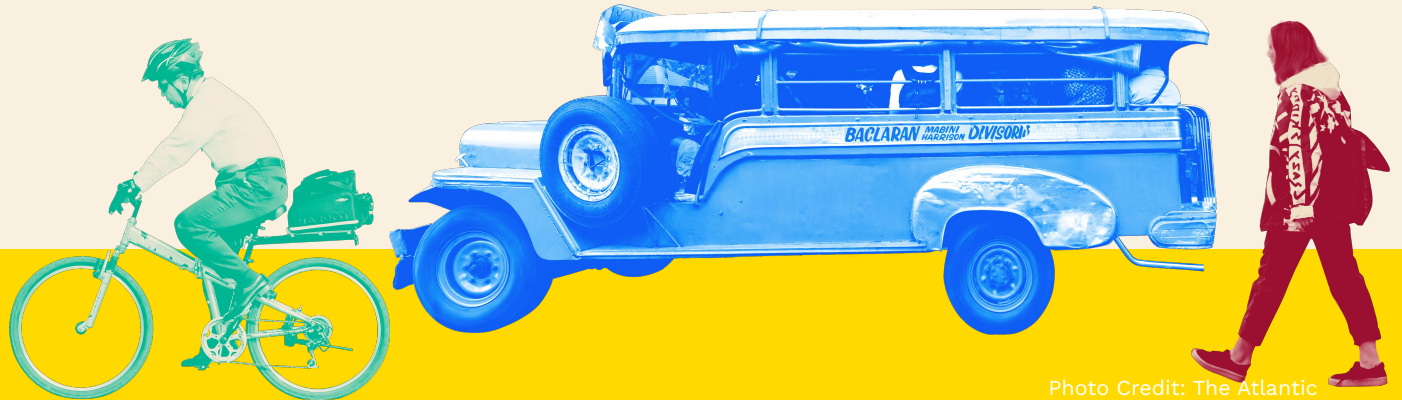


Photo Credit: The Atlantic



Transportation

- Aviation
- Maritime
- Railways
- Road



Jeepneys



UV Express



Tricycles



Franchise + Regulation

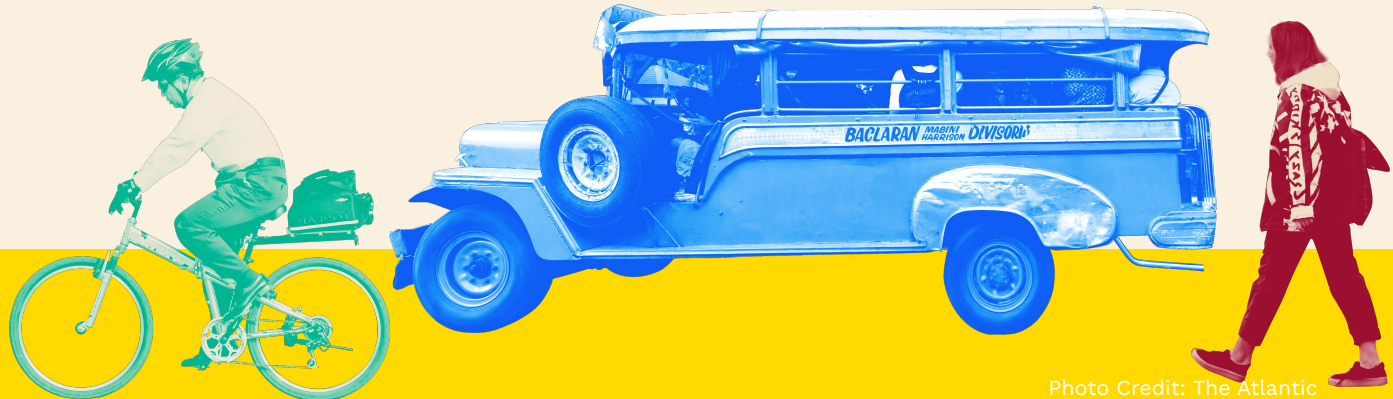


Photo Credit: The Atlantic



Transportation

- Aviation
- Maritime
- Railways
- Road



Regional Coordinating Body



Public Works



Socio-Economic Planning Agency

Local Government Units

Civil Society Organizations



Franchise + Regulation

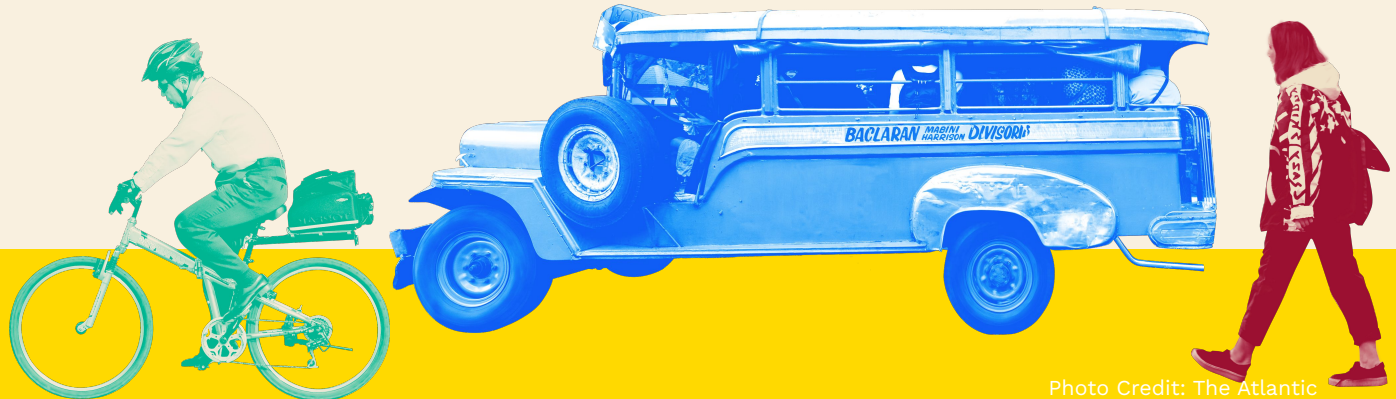


Photo Credit: The Atlantic

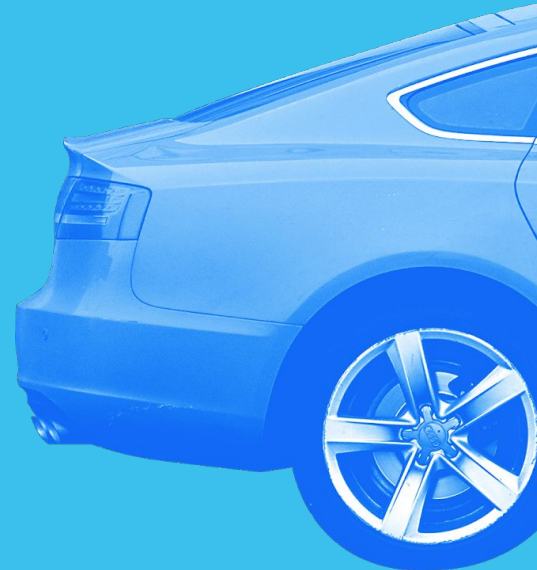


Capital Region of **METRO MANILA**

- **17 Local Government Units**
- **Open Borders**

80%

Road space occupied
by private vehicles



20%

Road
space for
people



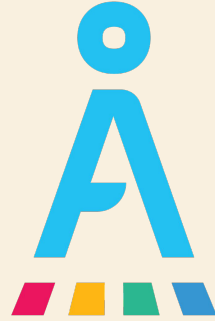
88%

Do NOT own
a private vehicle

12%

Minority
are in
Private
Vehicles





Local Context



Pre-Pandemic Era



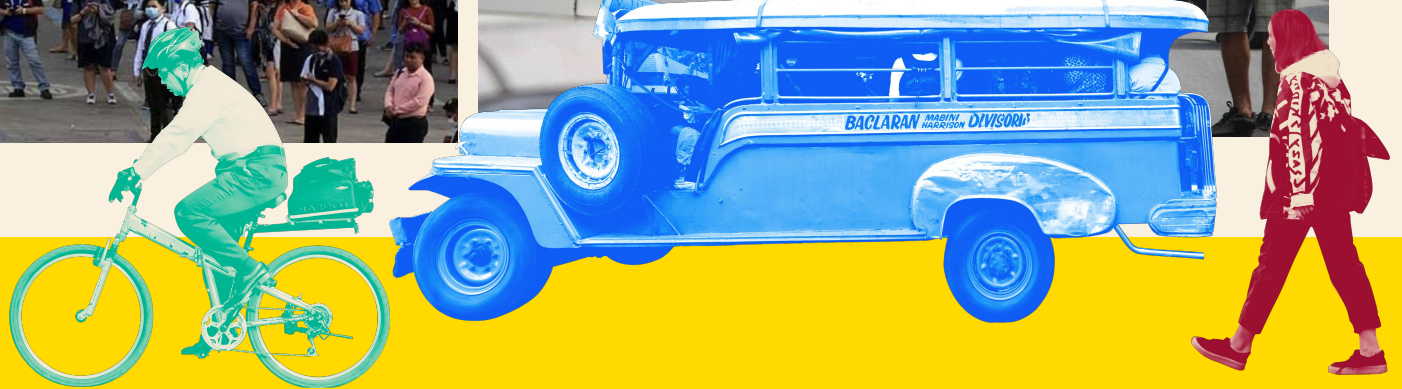
“PHP 31BN DAILY”







The Covid-19 Era







Era of Hostility

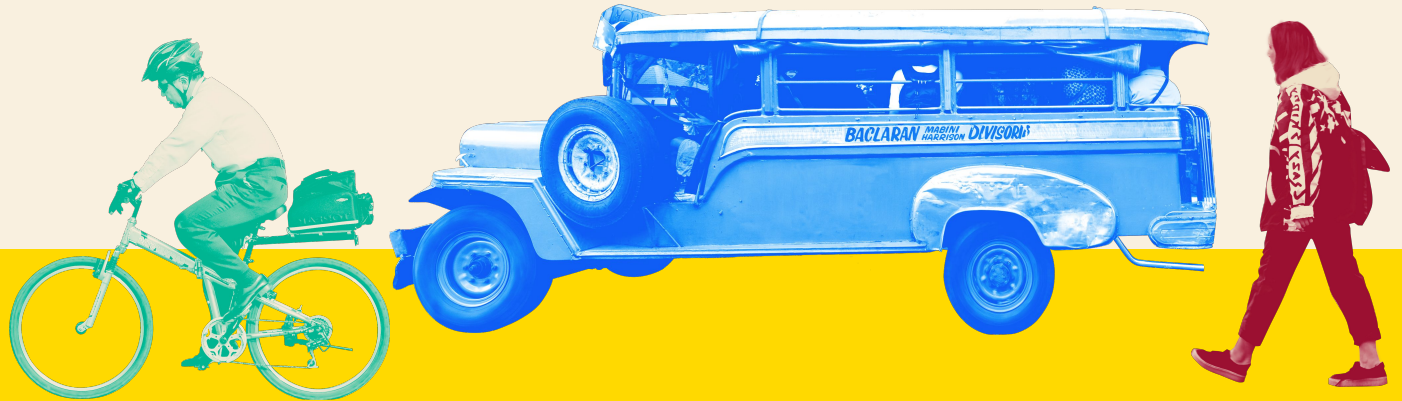
2019

2022



Unresolved Issues

- **Public Transportation Routes**
- **Compensation System**
- **Fuel Dependency**
- **PUV Modernization Program**
- **Hostile Policies**





ASIA

How the Philippine capital's 'no vaccination, no ride' public transit rule is going

January 20, 2022 · 4:19 PM ET
Heard on *All Things Considered*



ASHLEY WESTERMAN



3-Minute Listen

+ PLAYLIST



In the Philippine capital Manila, people without proof of full vaccination or a work exemption can't take public transportation. Human rights activists say the policy discriminates against the poor.





El gobierno filipino prohibió el transporte público a los residentes no vacunados de la capital, Manila, y los distritos circundantes, en medio de un nuevo aumento de casos de COVID-19 debido a la variante Omicron.

En una orden publicada el miércoles, el secretario de transporte del país, Arthur Tugade, dijo que la política de «no vacunación, no viaje» cubre todo el transporte público nacional hacia, desde y dentro de Metro Manila.

Los operadores de transporte público, incluidos los terrestres, aéreos y marítimos, "permitirán el acceso o emitirán boletos solo a personas con todas las vacunas", y los pasajeros deben mostrar prueba de su identificación y estado de vacunación.



Vaksinasi COVID-19 di Filipina.

MANILA(IM)- Pemerintah Filipina melarang naik angkutan umum oleh penduduk yang belum divaksinasi. Aturan tersebut diumumkan oleh Sekretaris Transportasi, Arthur Tugade, pada Senin (14/1/2022). Bersama dengan aturan tersebut, pemerintah juga meminta semua orang yang naik angkutan umum untuk menunjukkan bukti vaksinasi.

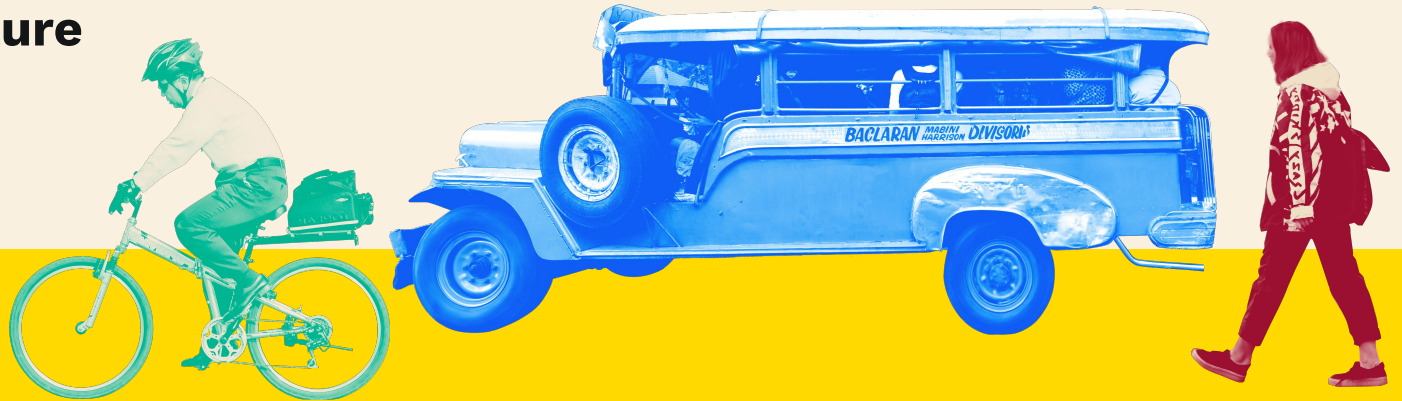






Unresolved Issues

- **Public Transportation Routes**
- **Compensation System**
- **Fuel Dependency**
- **PUV Modernization Program**
- **Hostile Policies**
- **Active Transport Infrastructure**



Unresolved Issues





Street Design



Roads that *divide*

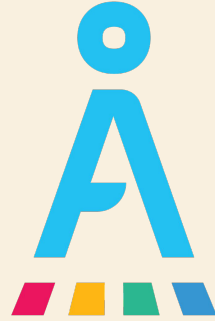


SOTr Meeting





***The Rest of* the Philippines**



Existing Laws



***Dignity* in Commuting**

July 2019





Existing Laws + Policies

Existing Laws + Policies

- National Building Code of the Philippines
- Creation of the Manila Transit Corporation
- Presidential Task Force on Climate Change
- Uniform Ticketing and Inter-Connectivity
- National Transport Policy
- Improvement of Land Transport Terminals





The design and evaluation of road and bridge projects shall consider the mix of transport modes that will optimize *people throughput*





Smart Mobility **In the Philippines**

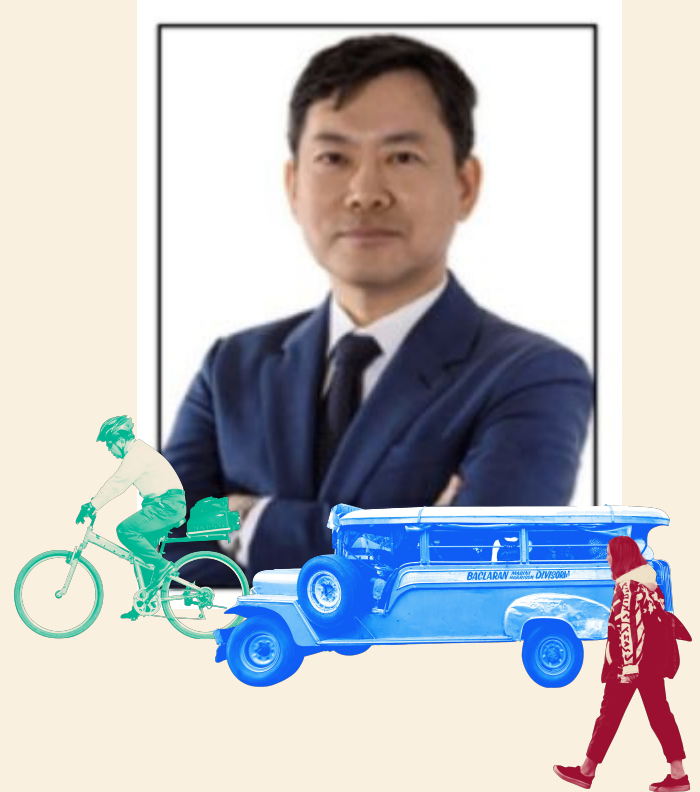


SMART CITY

*“In general, it is a platform for **improving the quality of life** of citizens*

*An urban area that uses different types of electronic methods and sensors to **collect data.**”*

Dr. Jin Young Park of the **Korea Transport Institute** at the CALD Smart Mobility Workshop | Tagaytay City, April 2022

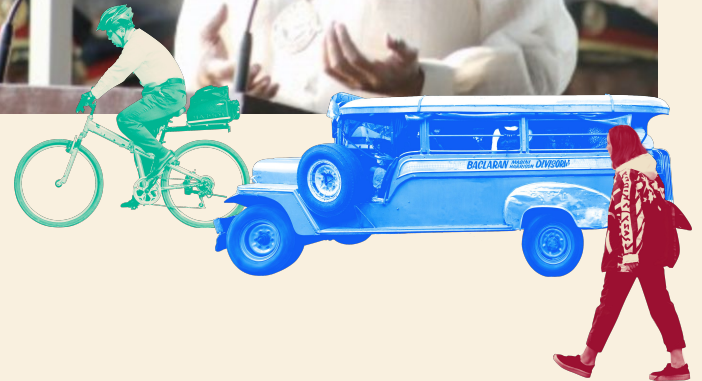




ON SMART MOBILITY

*“DOTR aims to keep developing mobility systems by engaging an asset build-up strategy through much needed infrastructure. Despite health and community restrictions, the **Build Build Build** program continues.”*

Arthur Tugade former (Philippine) Transportation Secretary quoted in a Smart Mobility Forum (2022)



Road Widening

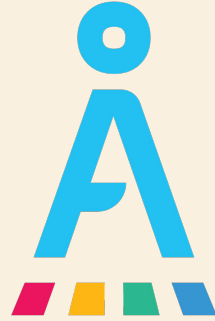


Car-Centric Infra



Pasig River



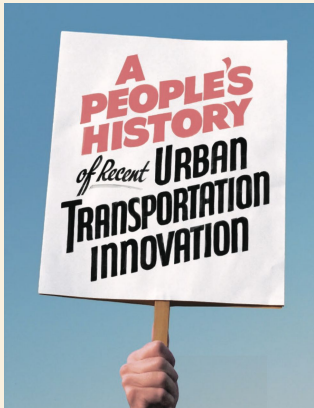


The Way Forward



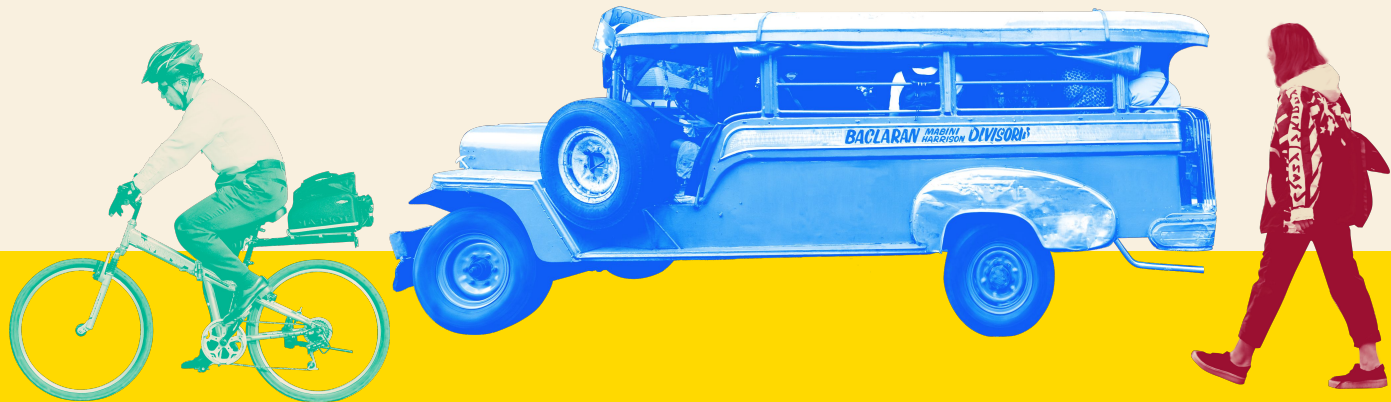
**A
PEOPLE'S
HISTORY**
of Recent **URBAN**
TRANSPORTATION
INNOVATION

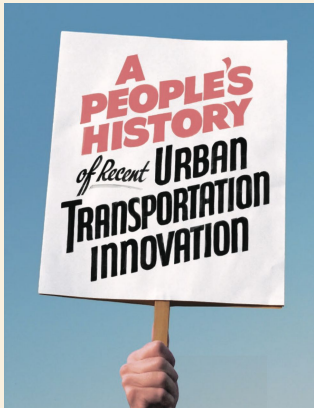




Civic Sector:

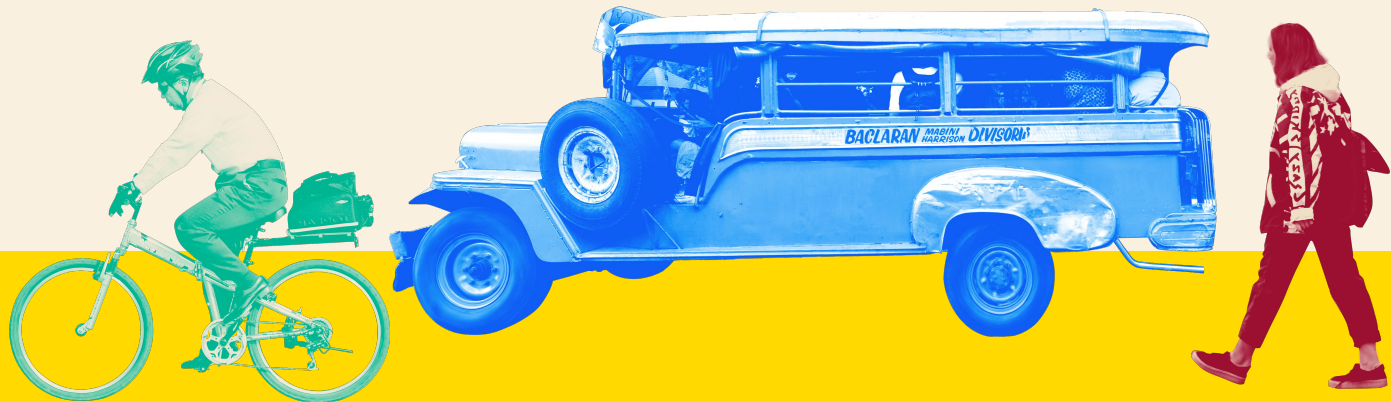
*“Resident-led, non-elite,
outside government”*

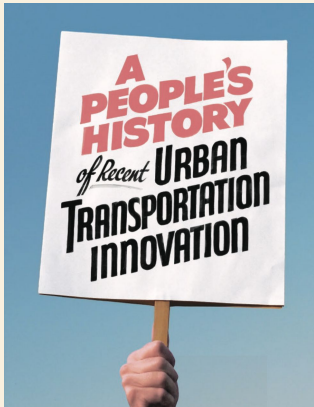




Bold Mayor and Transportation Agency Head

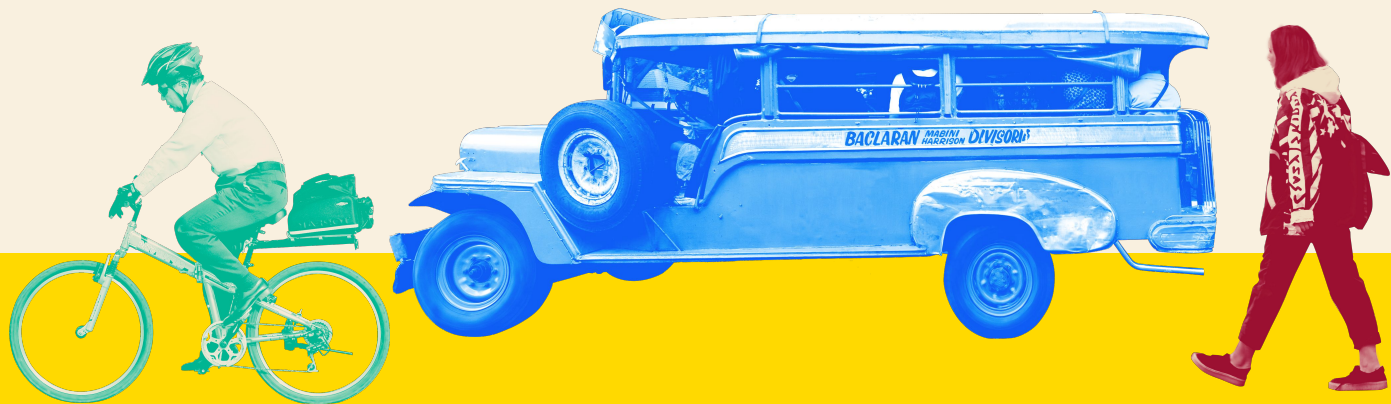
*Courage and vision for a
different kind of city*





Agency Staff

“Challenge the existing culture and process”





The Rise of *Local Governments*

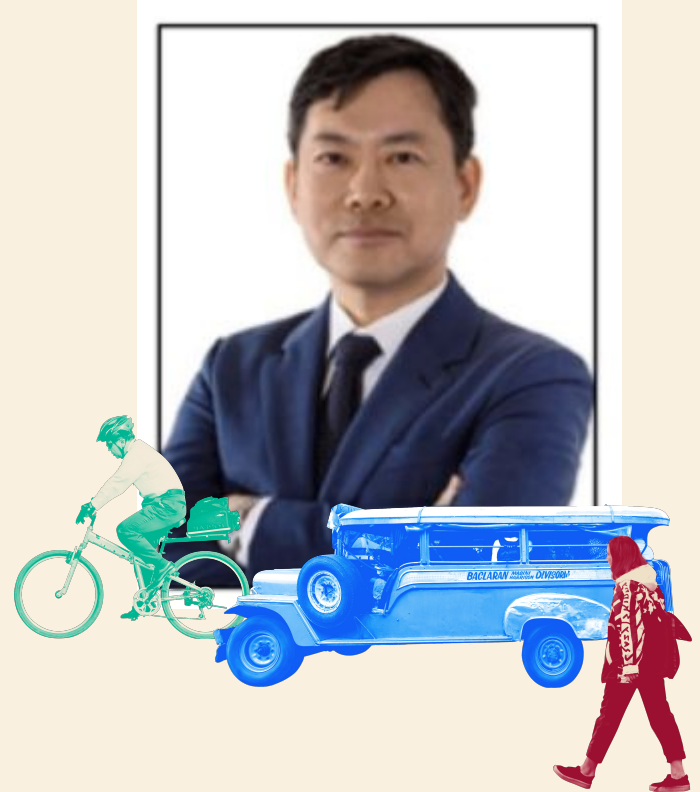


SMART CITY

*“In general, it is a platform for **improving the quality of life** of citizens*

*An urban area that uses different types of electronic methods and sensors to **collect data.**”*

Dr. Jin Young Park of the **Korea Transport Institute** at the CALD Smart Mobility Workshop | Tagaytay City, April 2022





Emerald Avenue, Pasig



Caruncho Avenue, Pasig



Manggahan Avenue, Pasig



Free Bike Lessons

PasigTransport x AltMobility PH x FNF



Sumilang, Pasig



Ailsa Laranda @AilsaLaranda · 9/1/22
DARNA on Session Road Baguio

Others:
#DarnaSavesTheDay
#JaneDeLeon
ABS-CBN
TV5
#PreviewBall2022

📺 [DARNA on Session Road Baguio](#)

LAB

[www.lab.ph](#)

Session Road, Baguio



Fatima Avenue, Valenzuela

Photo Credit: King Urieta



Bi-Directional Bike Lanes



The Makings of *Smart Mobility*



MALALAMAN ANG LOKASYON NG BAWAT LIBRENG SAKAY

Katuwang ang **PLDT - Smart**,
Sakay.ph, at **Samsung**, naka-
broadcast na ang lokasyon ng
bawat shuttle ng Libreng Sakay.

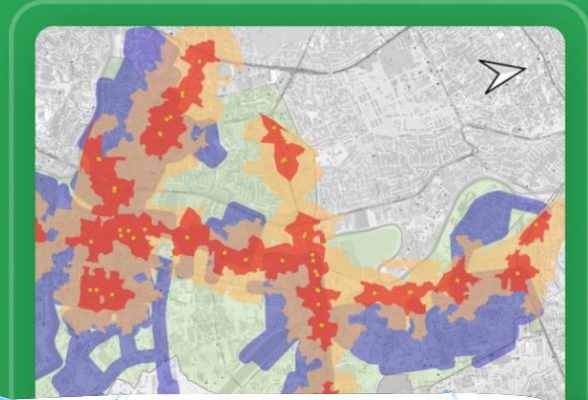
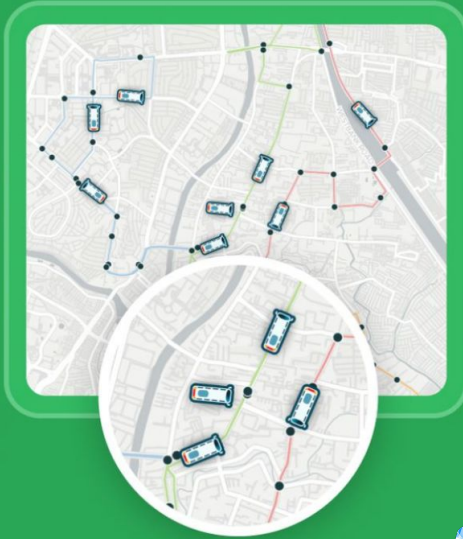
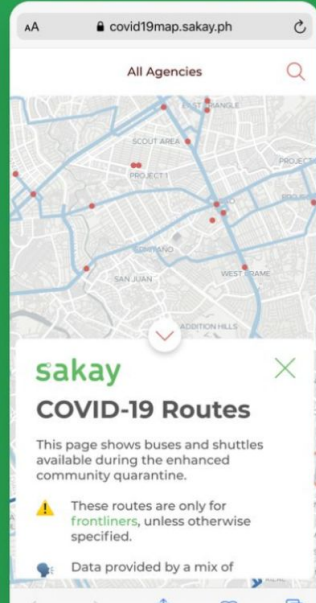
Dahil dito, madali nang malalaman
kung paparating na ang shuttle.

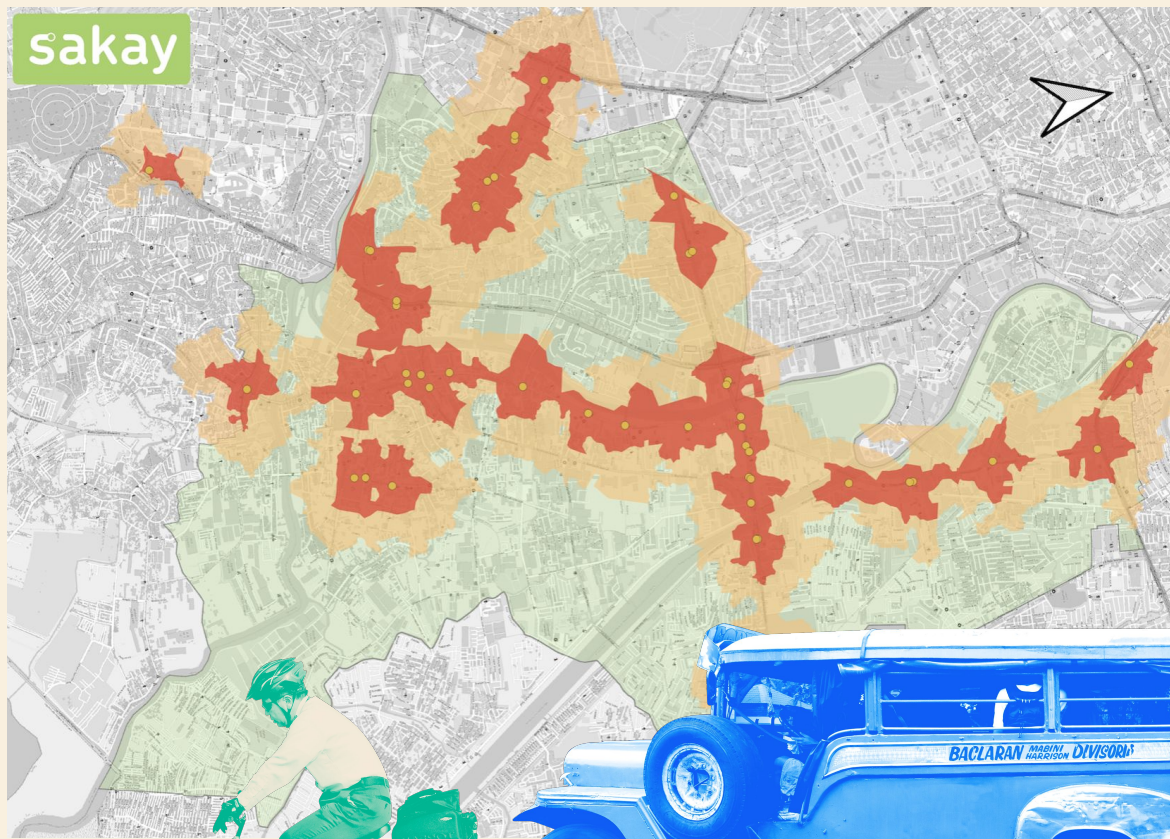


PLDT **Smart** **S** **SAMSUNG**

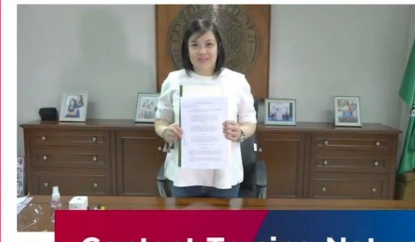
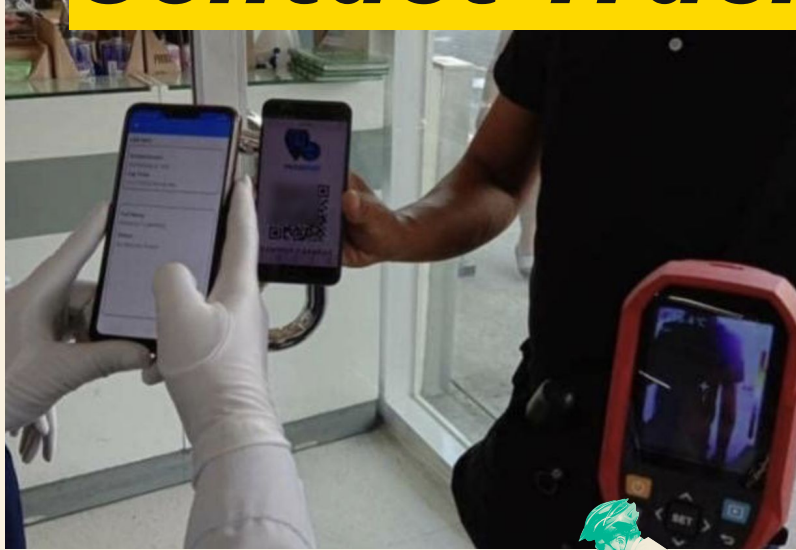
Kilalanin ang Bagong Pasig Bus Service 4/7







Contact Tracing



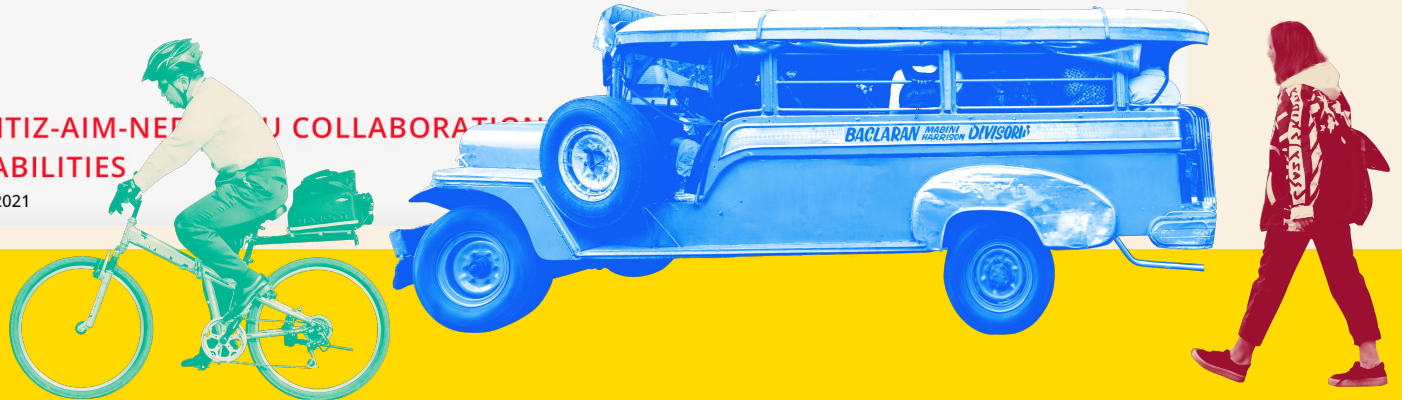
Contact Tracing Network Consortium Agreement



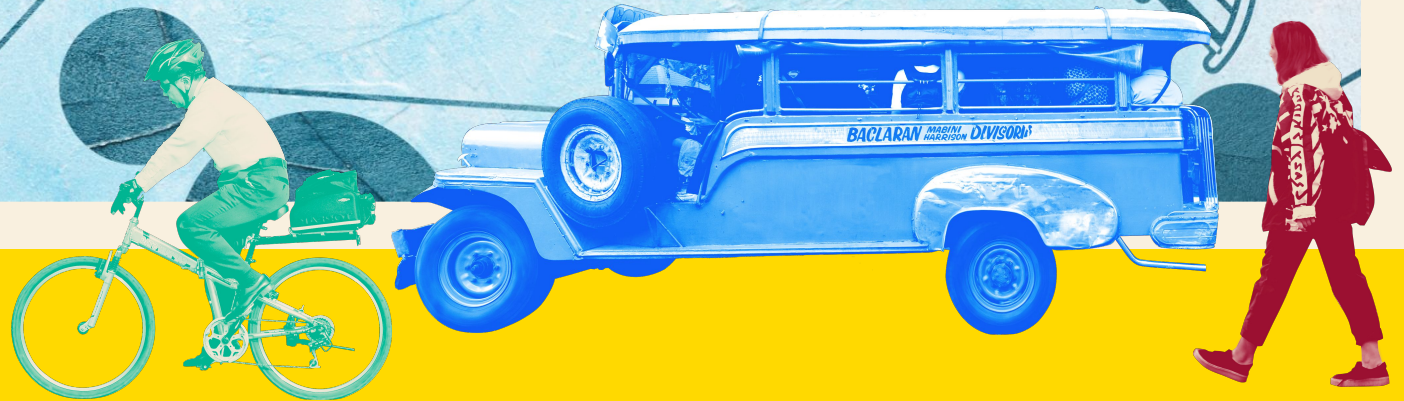
Aboitiz-AIM-NEDA-LGU collaboration to boost PH contact tracing capabilities

ABOITIZ-AIM-NEDA-LGU COLLABORATION TO BOOST PH CONTACT TRACING CAPABILITIES

20 May 2021



BALIK PUSO
BALIK PILIPINAS
BALIK SCIENTIST





Changing *Mindsets*

Bikenomics

BIKES BRING BUSINESS!

Businesses can generate as much as **25%** in revenue by investing in bike parking/outdoor dining.

BIKES ARE BETTER FOR YOUR BUDGET



Owning a bike saves around **PHP 281,461.92 / year** compared to owning a car.

That's **6,119 kg** of rice in a year!

THE COST OF TRAFFIC

Metro Manila commuters spend **188 hours** in traffic per year, costing the city **PHP 26,787,580.43**

188 hours

=



23.5 days of vacation leaves

PHP 648,000.00

Businesses can save as much as **PHP 648,000** by investing in bike parking instead.

THE COST OF LANE CONSTRUCTION

For every km of a car lane we can construct **9.7 km** of bike lanes.

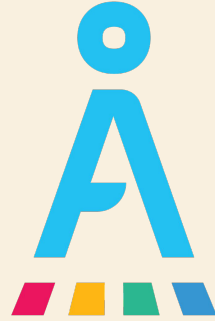
Each km of a bike lane can save us up to **PHP 26,787,580.43!**



=



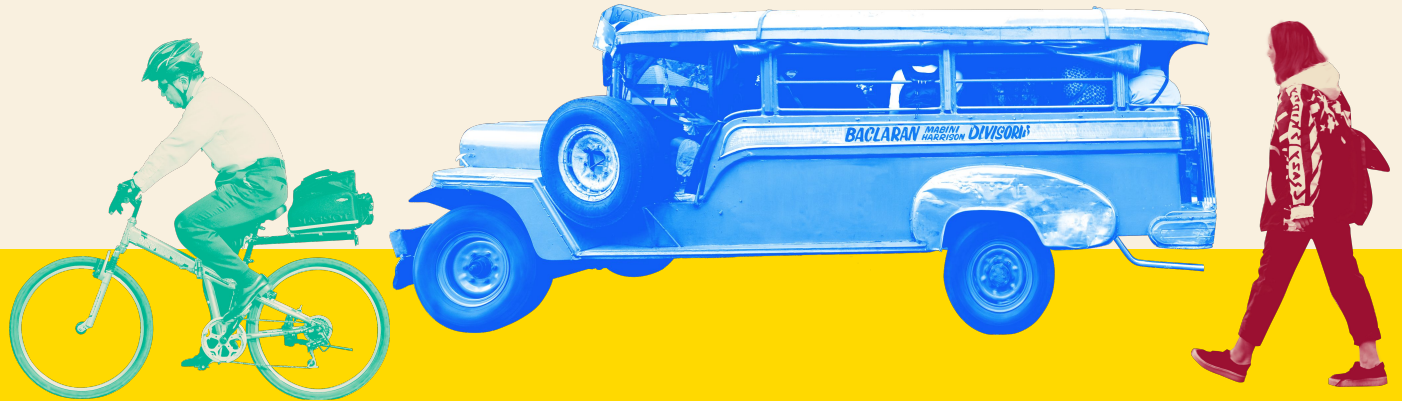
bikenomics:
INFRASTRUCTURE AND BUSINESS



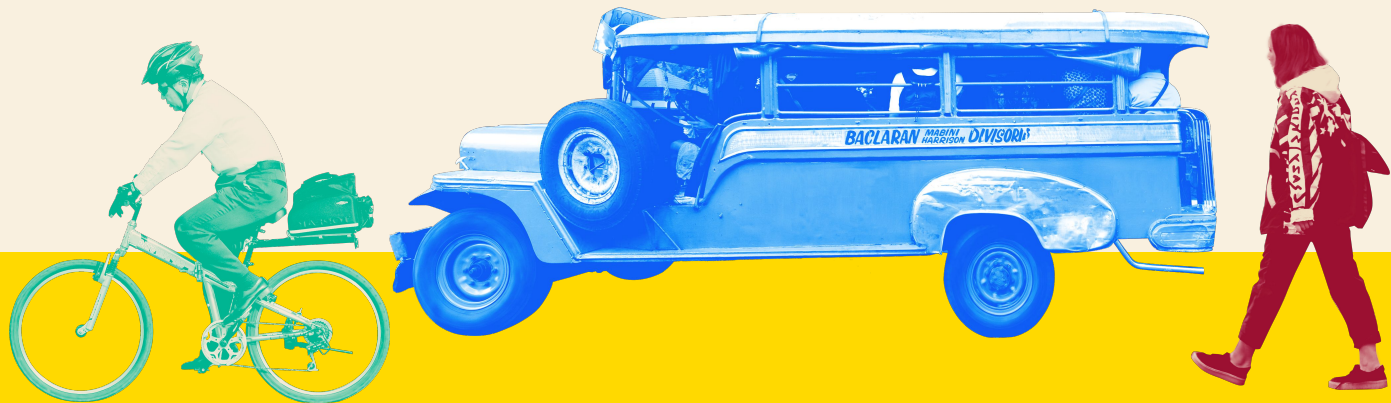
Wrap-Up

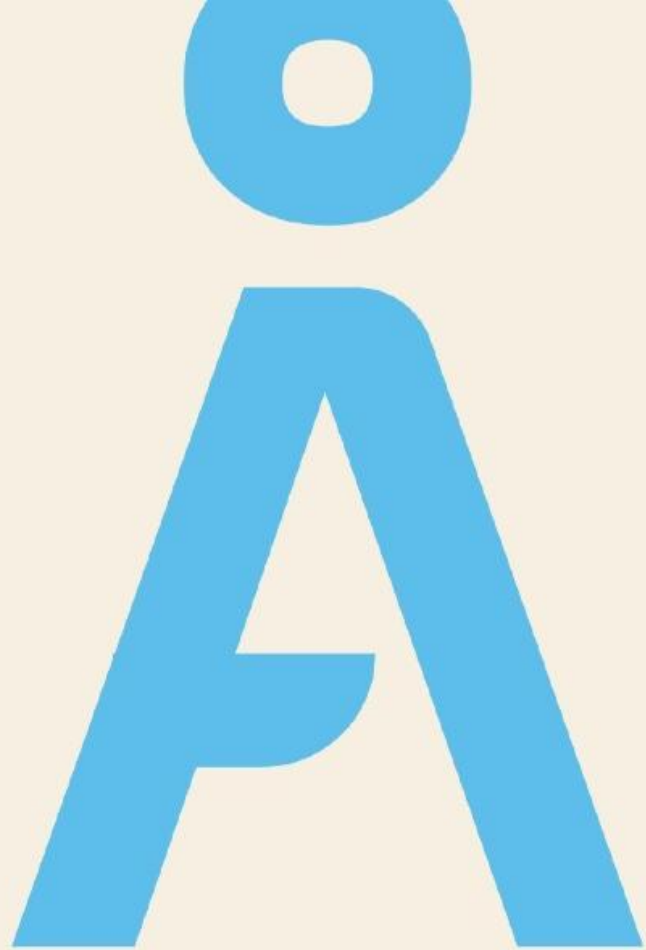
Wrap-Up

- **Several Fragmented Agencies**
- **Car-Centric Focus + Metrics**
- **Active Civil Society Organizations**
- **Progressive Local Governments**
- **Work in Progress: Change in Mindset**




AltMobility PH





 altmobilityph@gmail.com

 /altmobilityph

  @altmobilityph