

A 3D architectural rendering of a smart city street. In the foreground, a black and white autonomous shuttle is driving on a grey road. To its left, a group of white human figures is standing on a sidewalk. The background shows stylized white buildings and green spaces. A semi-transparent white box with blue text is overlaid on the center of the image.

**Public Transport Management System:
SMOC (Smart Mobility Operation Cloud)**

Zenmov Inc.

We develop IT solutions that power the public transportation and the shared mobility

Zenmov Inc.

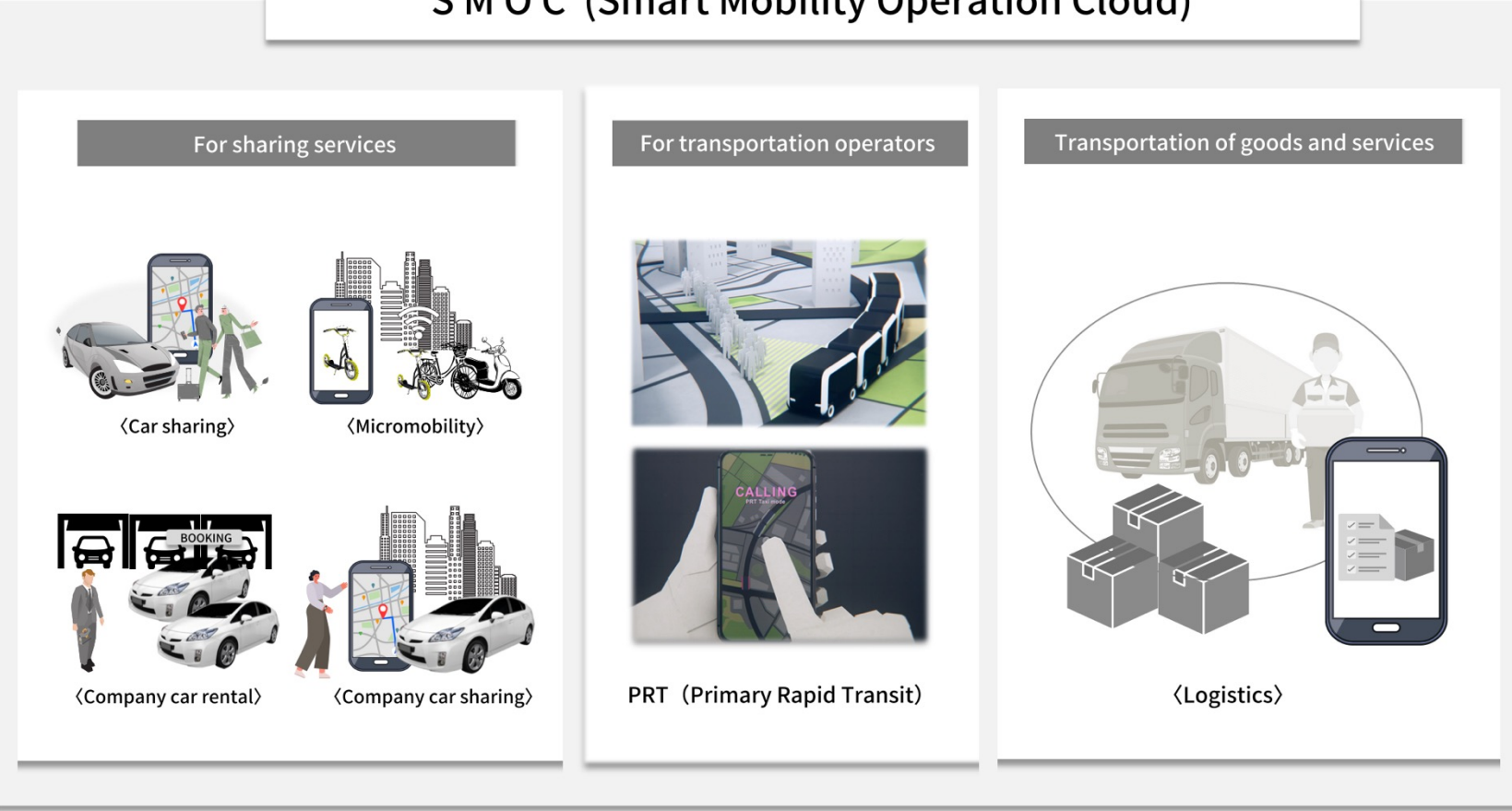
- Developing IT Service for Smart Transportation
- Headquartered in Tokyo

100%

Subsidiary

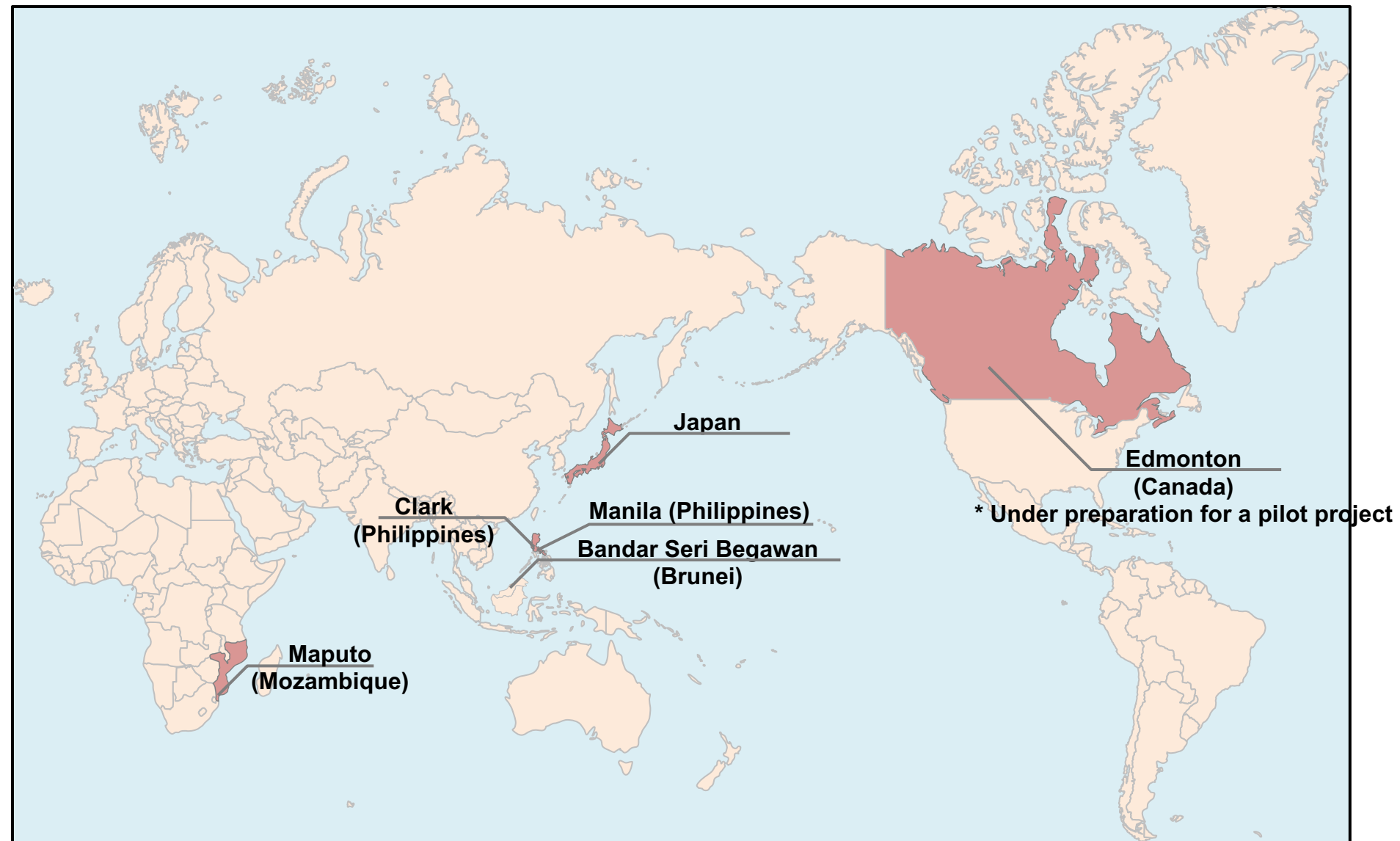
Zenmov Philippines Inc.

S M O C (Smart Mobility Operation Cloud)





Current Areas of our Projects



Our Theme = Congestions



Our Theme = Imbalance of demand and supply

Long Line



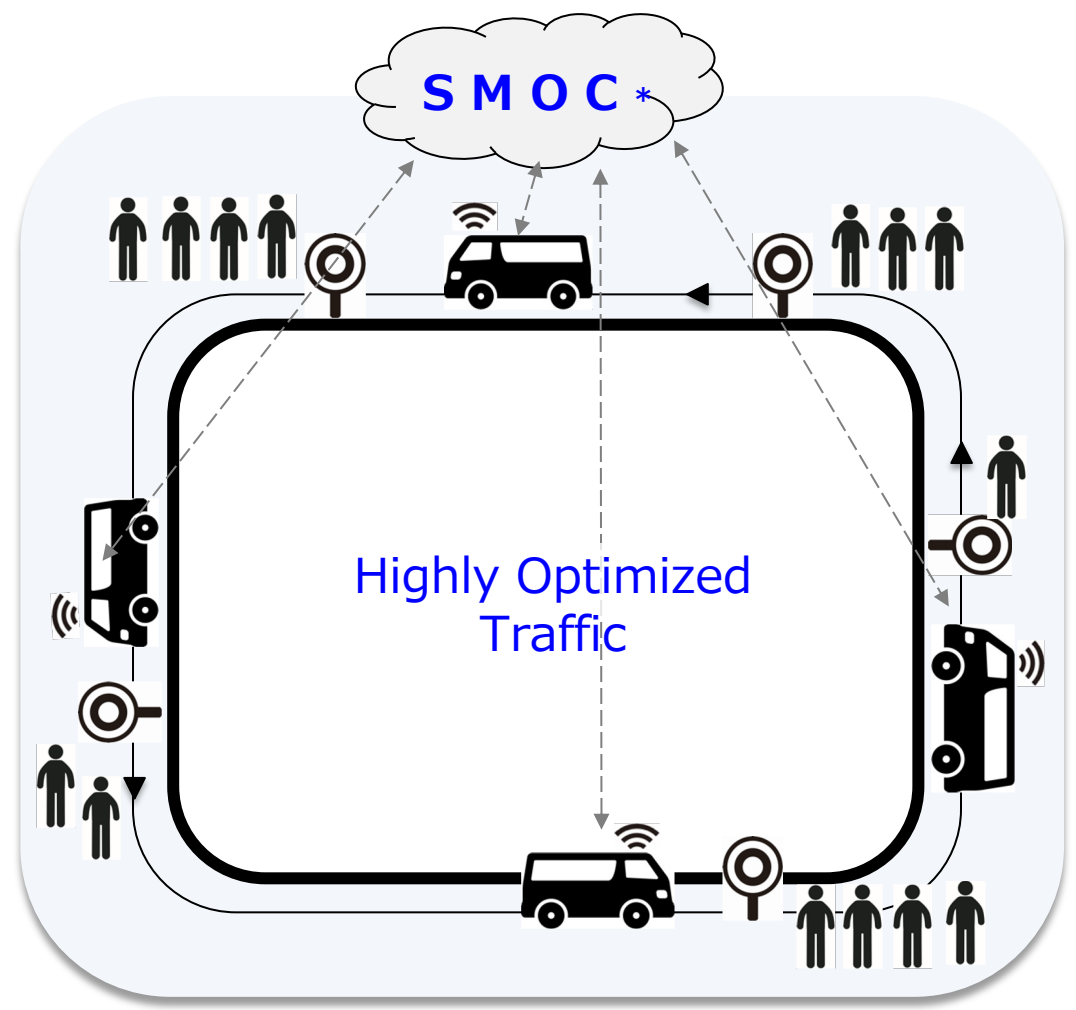
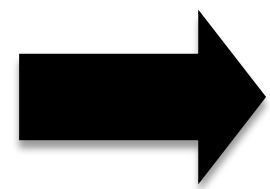
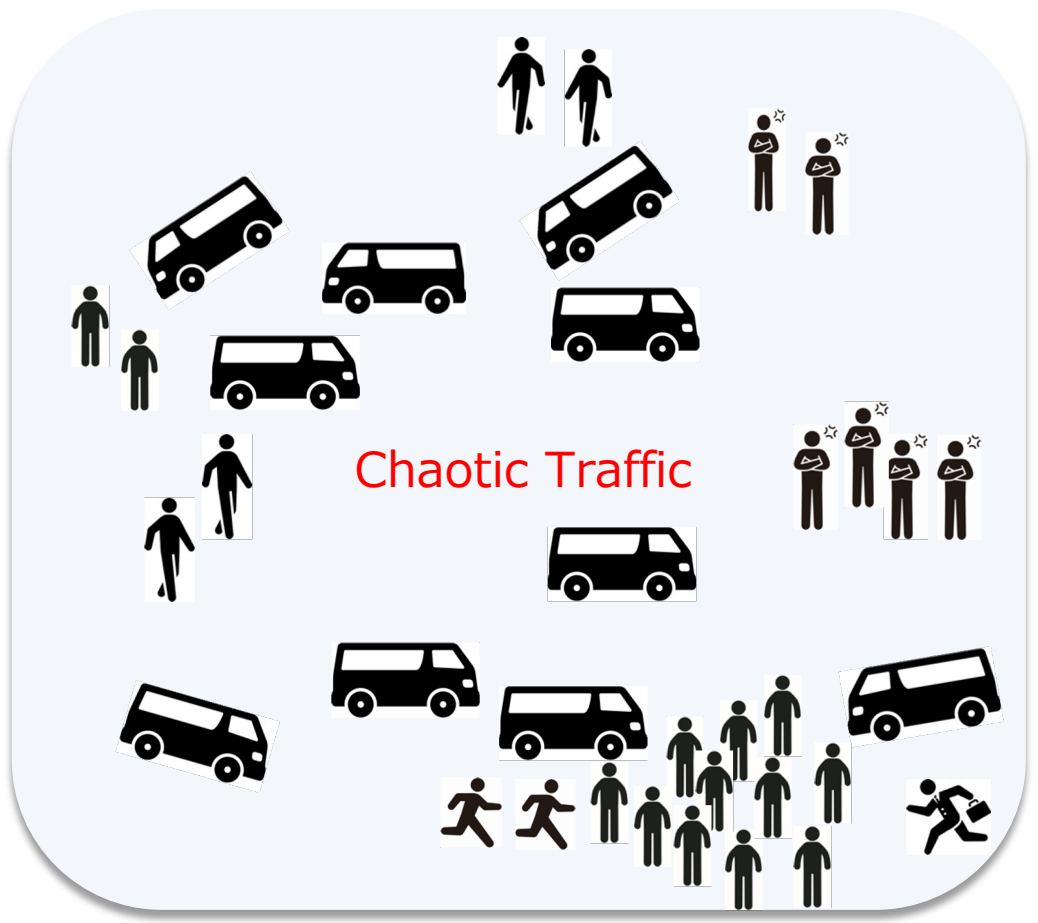
Vacant





Value added approach brought by Zenmov

We bring a discipline in the public transportation by using IT called SMOC

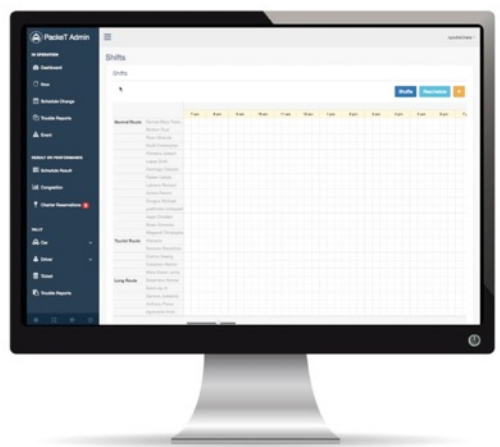


*SMOC : Smart Mobility Operation Cloud

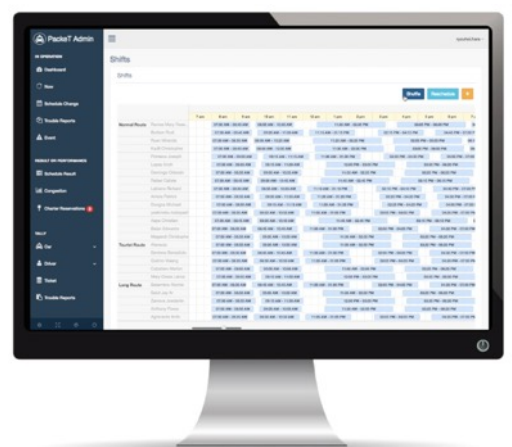


Creating optimized bus schedules using AI

Schedule Creation



Automatically Generated



Drivers conduct the tasks



Passengers' data



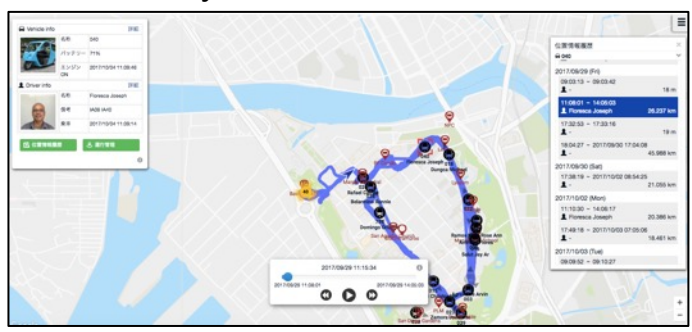
Analyzed information is utilized for creating better schedule

Data are collected

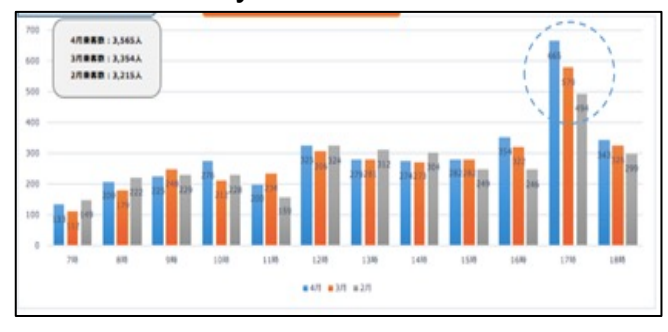
Drivers' performance analysis



Route analysis

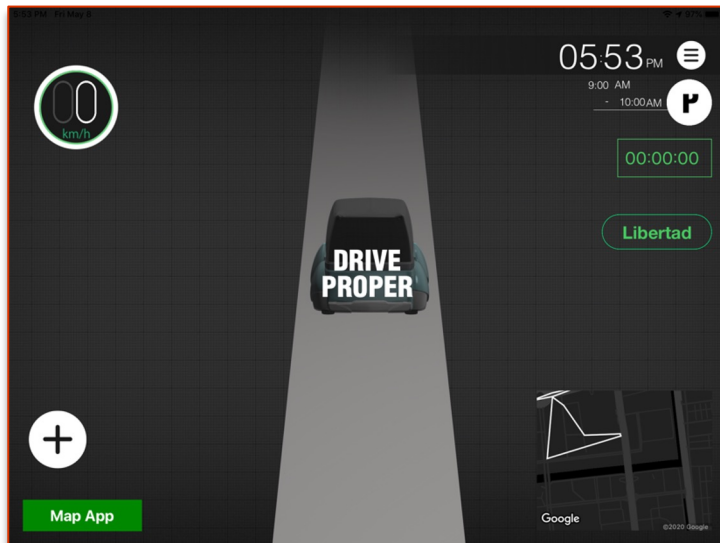


Demand analysis

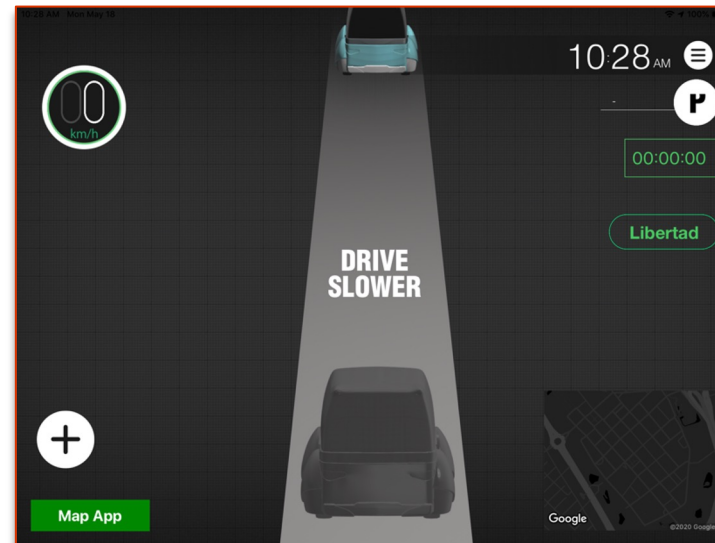


Vehicle Interval Adjustment Function

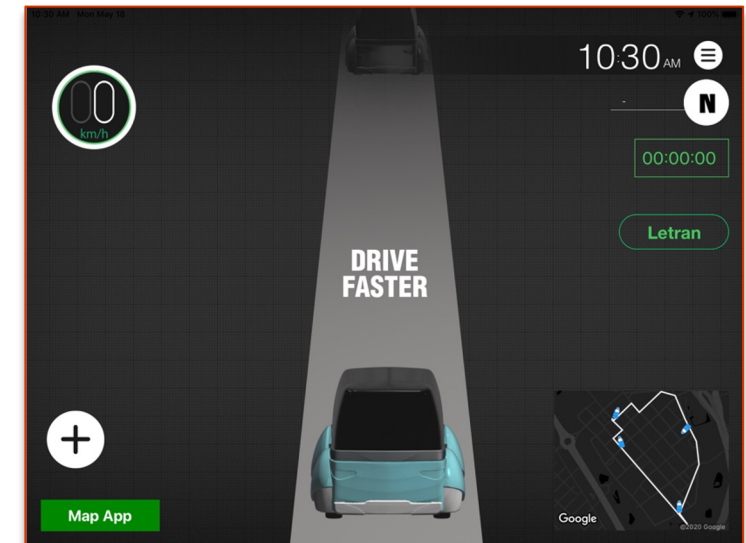
Actual Operating Procedure



If "**DRIVE PROPER**" is displayed, the driver **KEEPS** the car at its current pace.



If "**DRIVE SLOWER**" is displayed, the driver **SLOWS DOWN** the car's pace to close the gap with the car behind.



If "**DRIVE FASTER**" is displayed, the driver **INCREASES** the car's pace to close the gap with car in front.



Drivers' performance monitoring

Visualize and improve driver work



(e.g.)

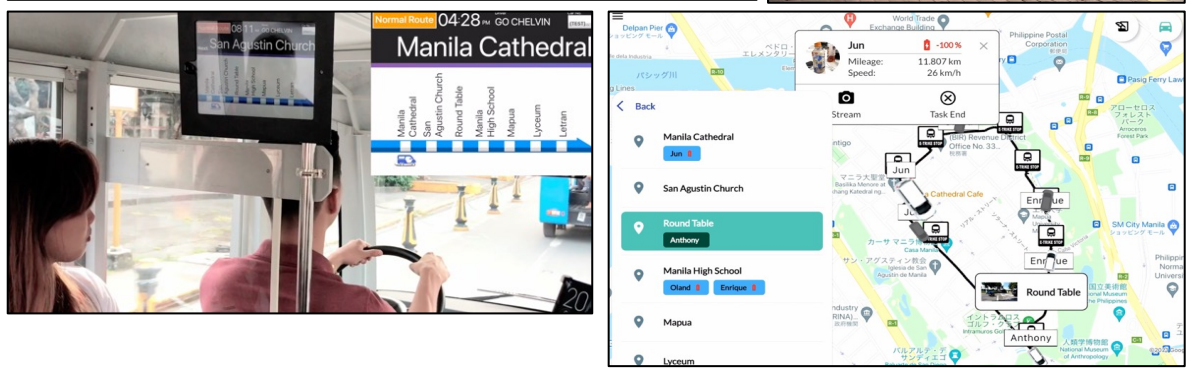
Only a little more than 50% (5.5 hours) of the workload is completed compared to the expected running time (10 hours).

Downtime

Our achievements in the Philippines

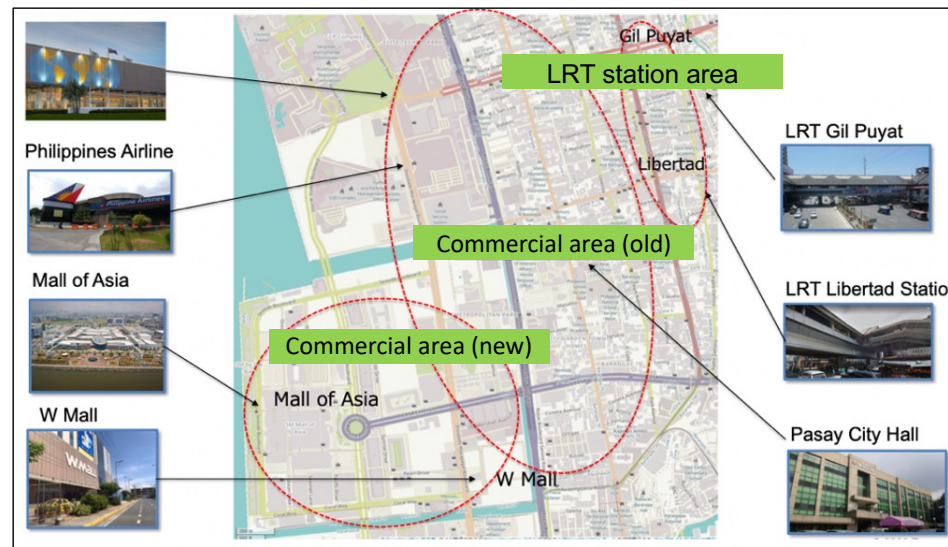


■SMOC Achievements (1) Intramuros, Metro Manila



Convenient transportation services created demand for mobility and also created jobs.

■SMOC Achievements (2) Pasay city



Operation of a line connecting the railroad station (LRT) with new and old commercial areas

Ongoing project in Clark Area

This transportation is monitored and managed by SMOC

NCC

3 SB EVs 1 Drone

Intra-regional Transportation



Train Station





5 Modernized Jeepnies



Clark International Airport




Train

CFZ

Intra-regional Transportation




20 SB EVs 10 E-Bikes 1 AV + 4 Smart Poles

Train Station

