

User Case: To **solve** the lack of night time residential car park space in nearby estate with **Autonomous Vehicle and Micro-Mobility**



天賦海灣



嘉熙, 雲滙



Phase 1,2,& 3 Car Park @SP



Potential travel route of Autonomous Vehicle

- ✓ Fully utilize SP Car Parks (night time)
- ✓ Solve night time parking Pain
- ✓ Increase to park dining consumption

Benefit: (1) **User Experience** (Saving Time) & (2) **Revenue** (New business model)

CONFIDENTIAL

SIMULATION USE CASE

4 Bus Stops



VS

5 Bus stops



Sensor

Data

V2X

Traffic Information

Camera

Weather condition

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....

Simulation

Decision (or improvement)

Bus stop Locations

Journey Time

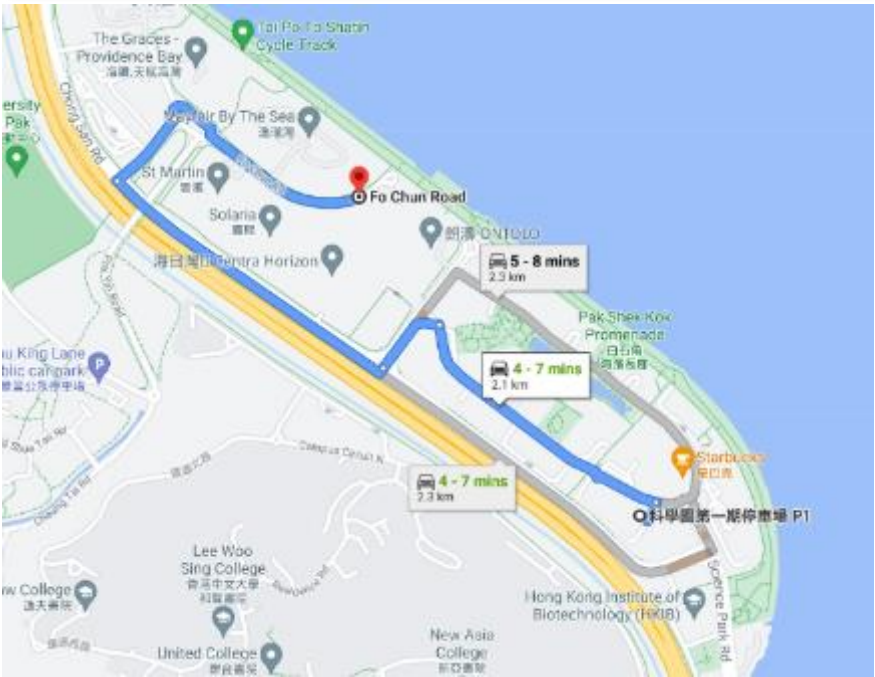
Number of Vehicle deploy

Passenger capacity

CONFIDENTIAL

SIMULATION USE CASE

Less Traffic



More traffic

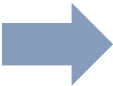


Input

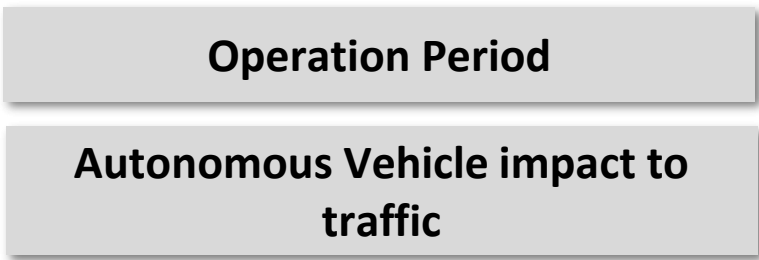
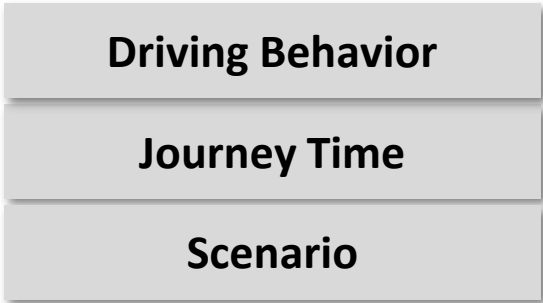
Simulation

Decision (or improvement)

Peak hour
traffic data



Travel Route



TIMELINE & MILESTONE

