

臺北市自駕車實證場域搶先看



Government as a Platform | City as a Living Lab

臺北市無人車測試基地

讓科技為城市交通帶來無限想像

主辦單位：TAIPEI 臺北市政府資訊局

承辦單位：smarTaipei 臺北智慧城市專案辦公室

協辦單位：臺北市政府交通局、工務局、地政局、都發局



First Step : 自駕小巴於市區實驗

全球首例：自動駕駛小巴於市區公車專用道進行實驗

- 8月1日至8月5日於信義路雙向公車專用道（敦化南路口至復興南路口）測試

Bloomberg

The New York Times

Bloomberg Philanthropies THE ASPEN INSTITUTE

Initiative on Cities and Autonomous Vehicles


World / Asia / Taiwan

Taipei, TW is piloting AVs

Policy and Planning Priorities:
Land Use and Transit Planning, Pilot Zone Identification

Partners:
SME, University

Piloting AVs for:
Transit




A driverless shuttle prowls downtown Taipei's Xinyi District at night. (Credit: Focus Taiwan)

Taipei has but a single Easymile EZ10 driverless shuttle under testing in Xinyi District, the country's seat of finance and government power. But local entrepreneurs, like 7StarLake which is backing the pilot, see the city as a springboard to export autonomous minibuses throughout Taiwan and the whole of Asia. Taipei, and Taiwan more broadly, has much to offer as an AV test site:

First, there is an abundance of appealing AV test sites – the island nation is dotted with a profusion of self-contained communities where AVs can be

Wheels By CHRIS HORTON · SEPT. 28, 2017

The New York Times



Taipei is testing a small autonomous bus at night along the six-lane Xinyi Road in the city's center. 7StarLake

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Wheels
A feature on the latest features, trends and technologies in the automobile industry.

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- The Technological Race to Find You a Place to Park NOV 30
- A Tesla Too Pricey? E-Bikes Offer Entry-Level Electric Transportation NOV 23

TAIPEI, Taiwan — Rolling with a barely audible hum beneath banyan trees, a brightly painted shuttle bus cruised through a university campus here.



Next Step : 北士科自駕車實證場域



推動智慧城市發展

促成北市智慧交通服務產生

協助產業完整自駕技術應用情境



透過產官學研界的公私協力合作

自動駕駛車輛實驗



產



學



台北市
場域

官



研



技術
測試

法規
調適


產業化

Encourage

Empower

Engage

Enable



自動駕駛感知次系統產業，以模擬器及實車運行，建立驗證資料

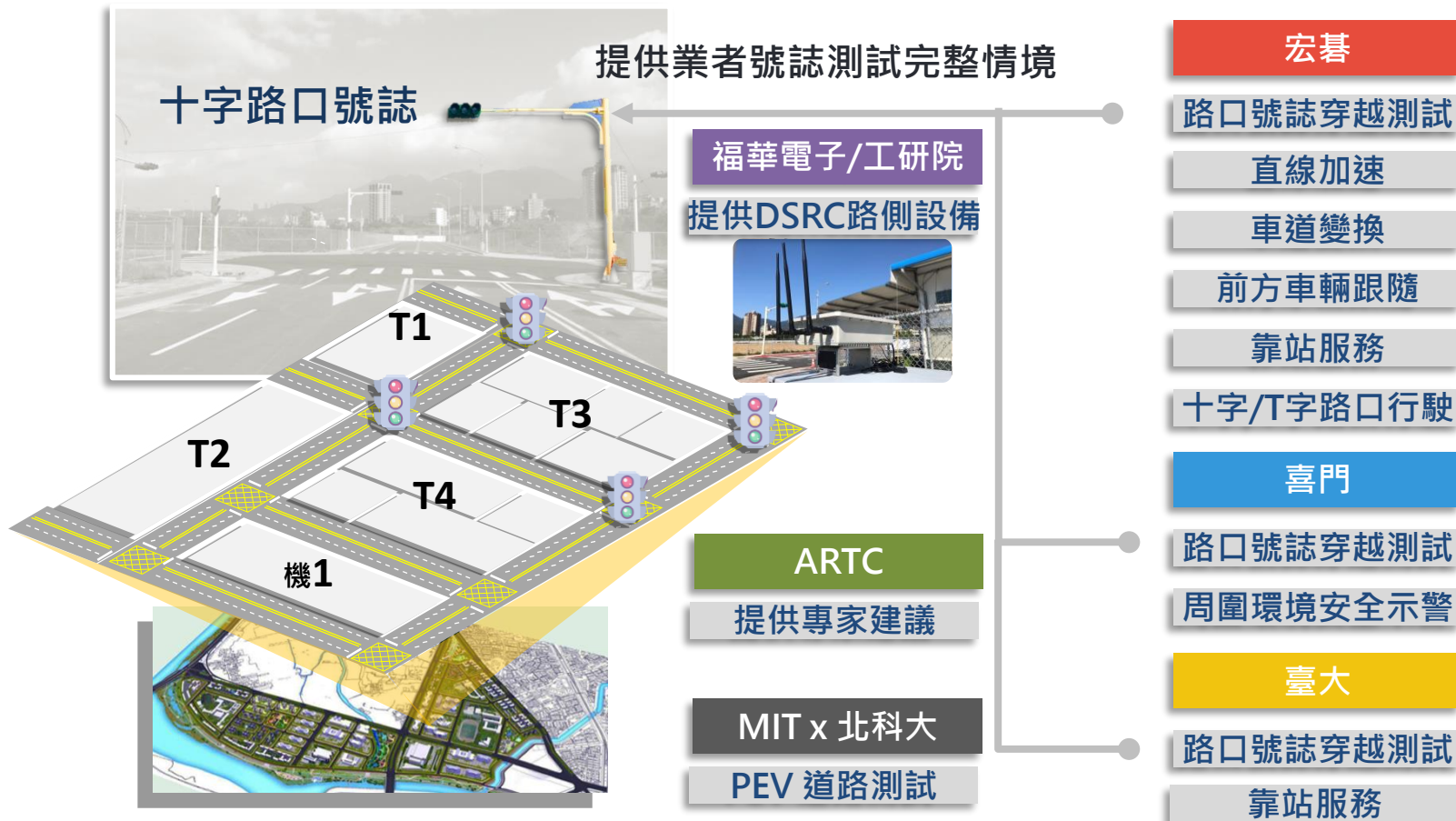


相關技術應用

- 環境感知**
 - 影像辨識
 - LiDAR
 - Radar
- 通訊傳輸**
 - DSRC (號誌)
- 自動判讀**
 - AI 機器學習
- 其它**
 - HD 立體圖資繪製

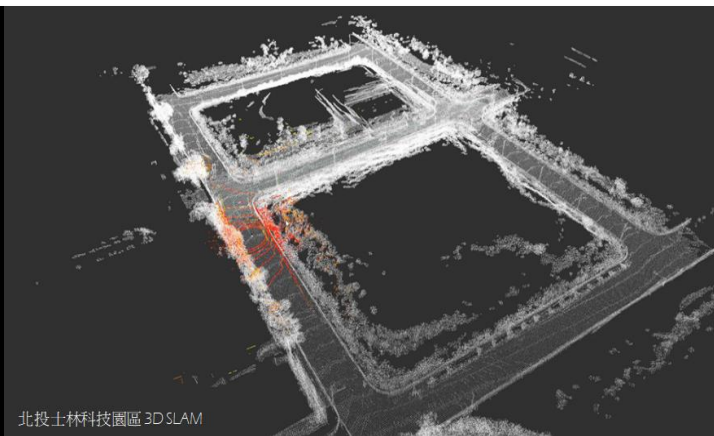
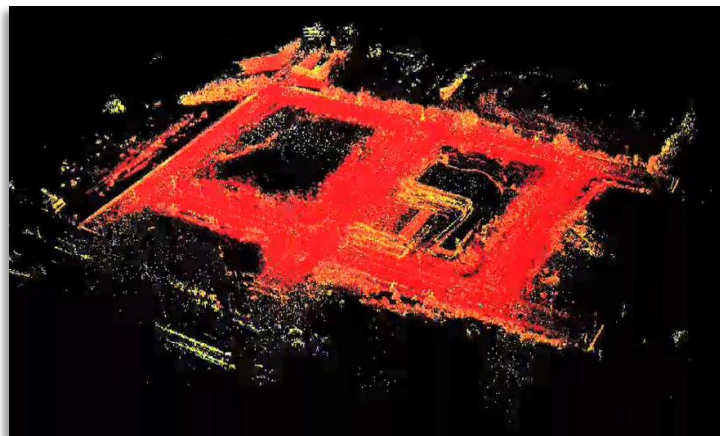


北士科場域參與單位測試重點





北士科場域HD立體圖資



北投士林科技園區 3D SLAM



北士科場域自駕車輛展示

自駕小巴 (7 Starlake)



自駕三輪車 (MIT Media Lab)



自駕高爾夫球車 (台大)



