Turning the Wheels for Active Mobility in Singapore

Prepared by





Singapore – Tropical Little Red Dot



Land Area: 720 km²
Population: 5,500,000
Density: 7,700 / km²
Per Capita GDP:

USD \$86,000

Temperature: 25°C to 33°C

Singapore – Master Plan 2013





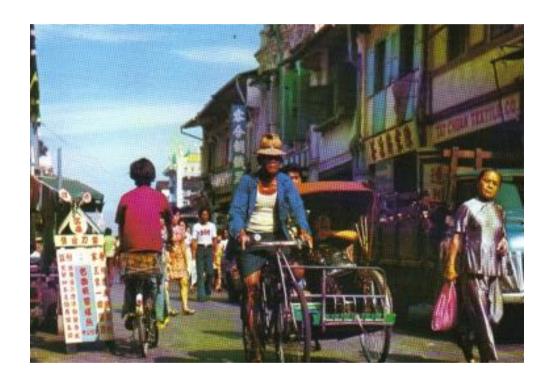






- ☐ Green Spaces everywhere
- ☐ Carefully planned since 1819
- ☐ Stable and growing in leaps and bounds since 1965
- ☐ Pragmatic governance....
 - ☐ With a few roadbumps.... Like the story of Cycling in Singapore

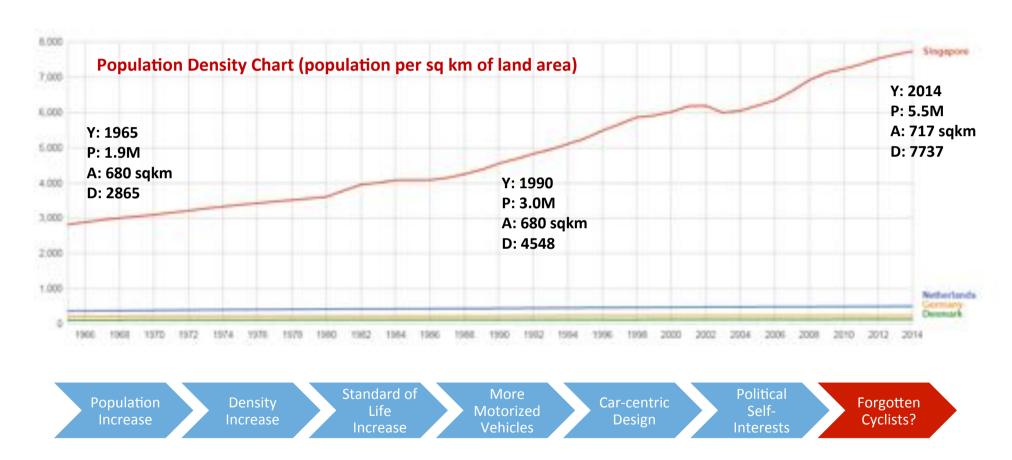
In the Not-So-Distant Past (before the 90s)...





There were already people cycling for commutes and leisure. For some, it was a means of livelihood.

Are Cyclists Forgotten?



What Happened to Cycling?

Too Hot and Humid Here!

Too many cars!

No Space for Cyclists!











My Bicycle will be Stolen!

Too
Dangerous
for
Children!

Ground Swell 2009 – 2016: More People on Bicycles; A Case of Affluence?





- ☐ Increased number of participants in local bicycle races
- ☐ Increased bicycle sales, especially in foldies, fixies, and road bikes
- ☐ Increase in cycling interest groups
- ☐ Increased online discussions; more awareness (video cameras?)
- ☐ Opening of Shimano World

GroundSwell Year 2013: Localized Political Willpower

The Birth of Tampines as Singapore's First Cycling Town (gazetted in 2013)









INFRASTRUCTURE

- Implemented shared paths and segregated cycling paths
- Bicycle crossing signals
- Sheltered bicycle parking near MRT station

EDUCATION & ENFORCEMENT

- Volunteer Cycling Wardens
- Safe Cycling Clinics

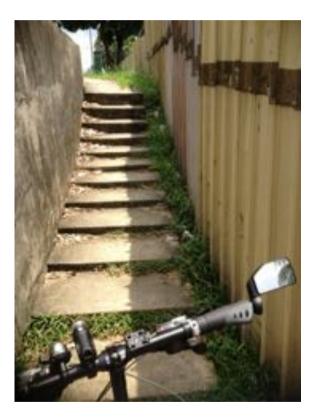
POLICY

- Only town (then) to allow cycling on footpath

EXAMPLE FOR OTHERS TO FOLLOW

- 6 other towns earmarked for transformation until 2015
- Testbed to develop national cycling framework

Before 2014 – Government agencies tried to keep up!

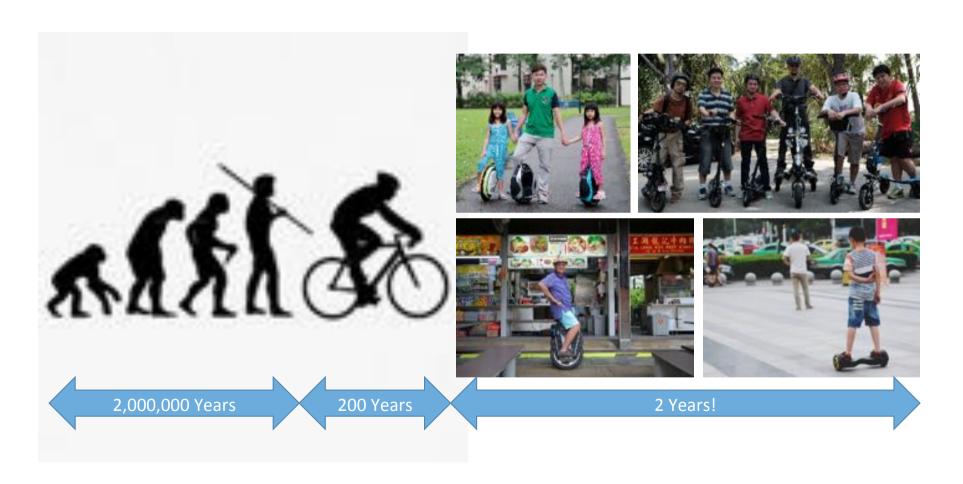






- ☐ Land ownership belong to different public agencies
- ☐ No proper coordination = bad planning and design
- ☐ Cyclists not happy; pedestrians not happy

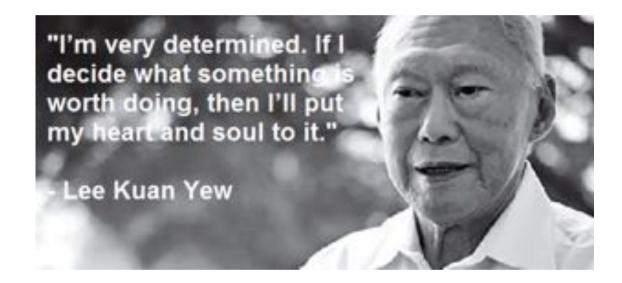
And then came the PMDs...



Government agencies faced a headache...

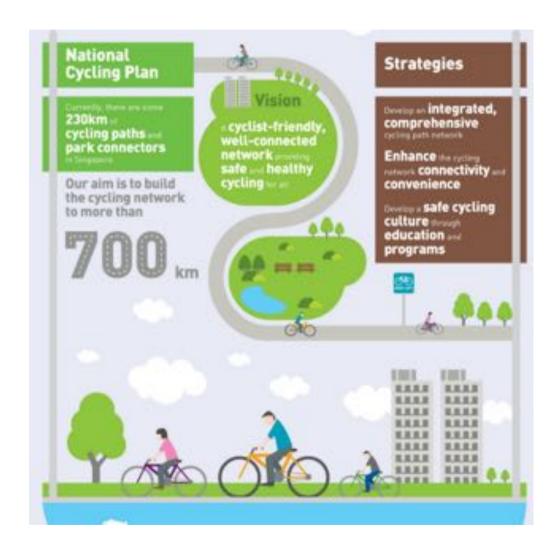


But it's the Singapore brand of Pragmatic Governance...



The National Cycling Plan (since 2014)





Government sets up Active Mobility Unit (AMU) in 2015





Car-Free Sundays (Since February 2016)





Walk, Cycle, Ride Campaign (Since April 2016)





Announcement of Revised
Traffic Rules and Code of
Conduct for Cyclists and PMD
users
(Since April 2016)



What's allowed and what's not

Restrictions also placed on physical criteria of devices

Type of device	Footpaths (speed limit of 15kmh)	Cycling/shared paths (speed limit of 25kmh)	Roads
Personal mobility aid e.g. motorised wheelchairs, mobility scooters	~	*	×
Conventional bicycle			~
Personal mobility device e.g. kick-scooter, electric scooter, hoverboards, unicycles			×
Electric bicycle	×		~

To protect other more vulnerable users

Maximum device weight of

20kg Reduces the risk of serious injuries in cases of collision Maximum device width of

70cm

Allows personal mobility devices to cross each other safely on most footpaths

For motorised devices

Maximum device speed of

25kmh

Ensures motorised devices do not exceed the speed limit on paths

Source: ACTIVE MOBILITY ADVISORY PANEL. STRAITS TIMES GRAPHICS

Launch of National Safe Cycling Education Programme (Since May 2016)

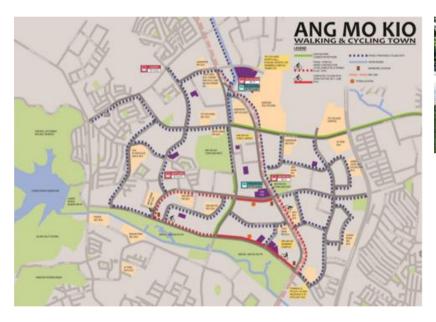


Teaching the young to cycle safely

The programme will have both theory and practical sessions. The Land Transport Authority says safe cycling habits will be taught in a way that is easy to remember and fun.



Ang Mo Kio Walking & Cycling Town (since 11 June 2016)







11 June 2016: First portion of 1.5km length open

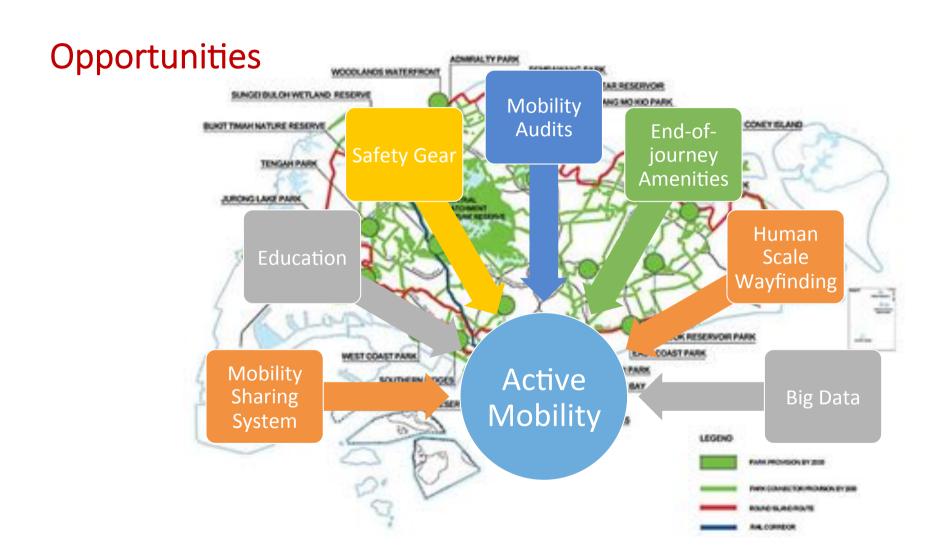
End July 2016: 2nd portion of 2.5km will be open

Future North-South Corridor (By 2026)









thank you!

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