

Presentation issued without formal editing

FOR PARTICIPANTS ONLY

14 March 2017

ENGLISH ONLY

**UNITED NATIONS
CENTRE FOR REGIONAL DEVELOPMENT**

In collaboration with

**Ministry of Public Works and Transport, the Government of Lao PDR,
Ministry of the Environment (MOE), Japan
Partnership on Sustainable, Low Carbon Transport,
United Nations Economic and Social Commission for Asia and the Pacific, and
United Nations Office for Sustainable Development**

**TENTH REGIONAL ENVIRONMENTALLY SUSTAINABLE TRANSPORT (EST)
FORUM IN ASIA,
14-16 MARCH 2016, VIENTIANE, LAO PDR**

**Country Presentation
(Singapore)**

(Presentation for EST Plenary Session 8: of the Provisional Programme)

This presentation has been prepared by the Government of Singapore for the Tenth Regional EST Forum in Asia. The views expressed herein are those of the author/s only and do not necessarily reflect the views of the United Nations.

Disclaimer: The designations employed and the presentation of the material in this publication do not imply the expression of any opinion whatsoever on the part of the Secretariat of the United Nations concerning the legal status of any country, territory, city or area or of its authorities, or concerning the delimitation of its frontiers or boundaries.

10th Regional EST Forum in Asia, 14-16 March 2017,
Vientiane, Lao PDR

Country Presentation SINGAPORE

POON Joe Fai
Land Transport Authority

Key Challenges for Singapore's Land Transport



Growing Population and Economy

Population White Paper: 5.8-6.0mil by 2020, 6.5-6.9mil by 2030*



Commuter Expectations and Norms

Commuter-centric and inclusive transport system; yet car ownership remains an aspiration for many



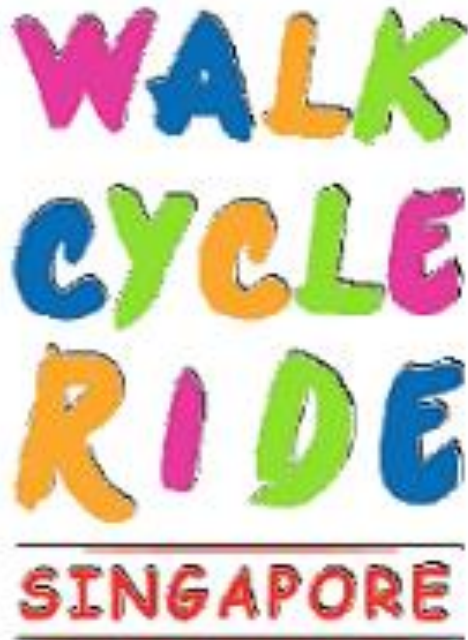
Tighter Land Constraints

12% of land for roads vs 14% of land for housing

*Parameters adopted for infrastructure planning

Key Strategies

- Aggressively develop **public transport as the choice mode**
- Reduce the appeal of private car usage and ownership
- **Promote active mobility** as part of sustainable urban living
- Support on-demand car access without ownership

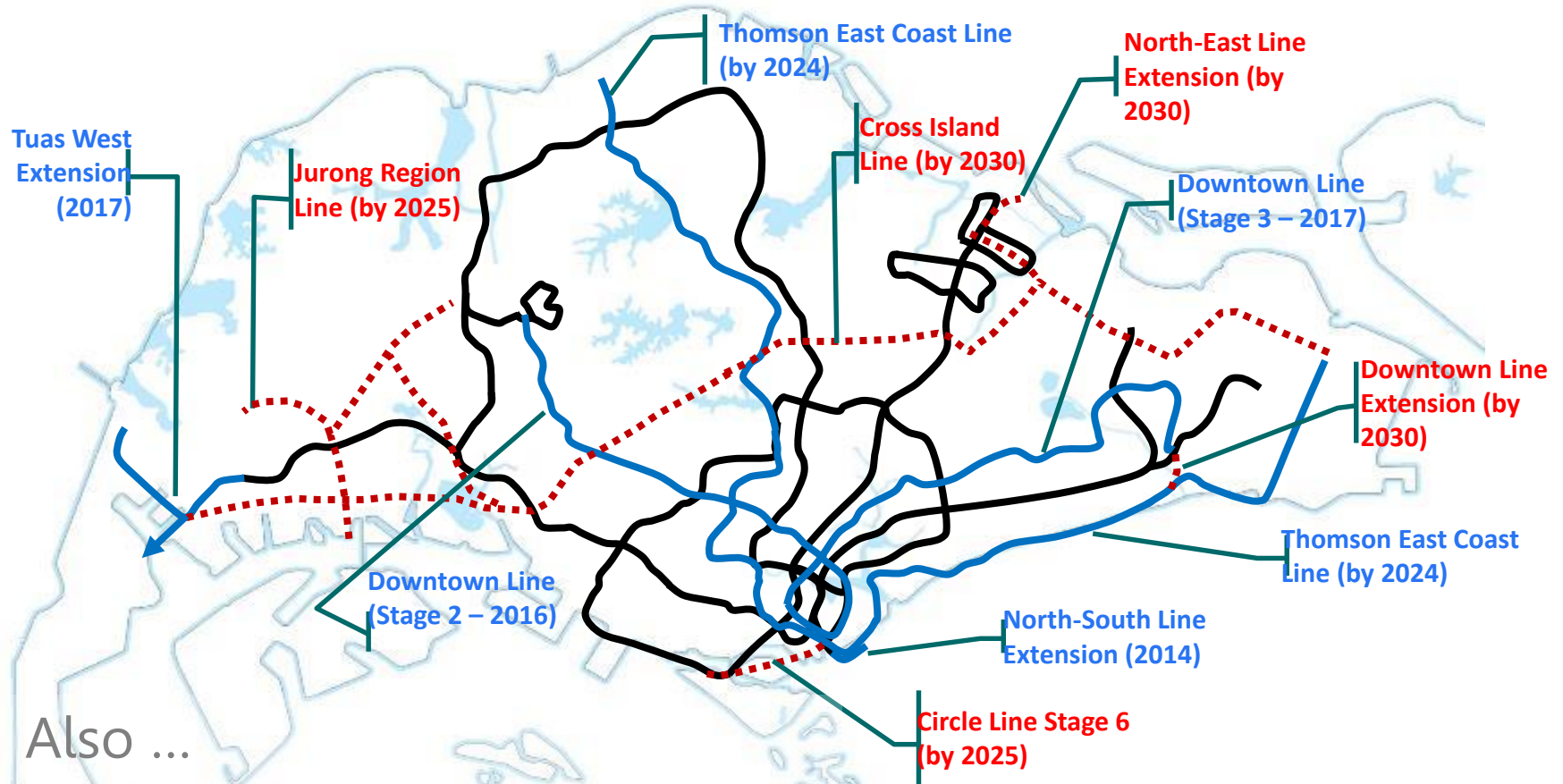


A "car-lite" Singapore

- commuting needs can be met without having to own a car
- the commuting experience is more than just getting from point A to B; it becomes a meaningful part of the day and the community

Doubling Rail Network to 360km in 2030

8 in 10 households will be within a 10-minute walk of a train station.



Also ...
**Adding Trains, and
Improving Service Reliability**

Legend

- Existing Rail Lines
- Land Transport Master Plan 2008 Rail Lines
- Land Transport Master Plan 2013 Rail Lines

Ramping Up Active Mobility



Cycling Network

33.2km (2015) **179.8km (2020)**



Walking & Cycling Plan



Park Connector Network & Round Island Route

272 km (2015) **400km (2020)**



3 Bike Share Towns

2



Model Walking & Cycling Towns

Walk2Ride Sheltered Walkways

50km (2015) **200km (2020)**



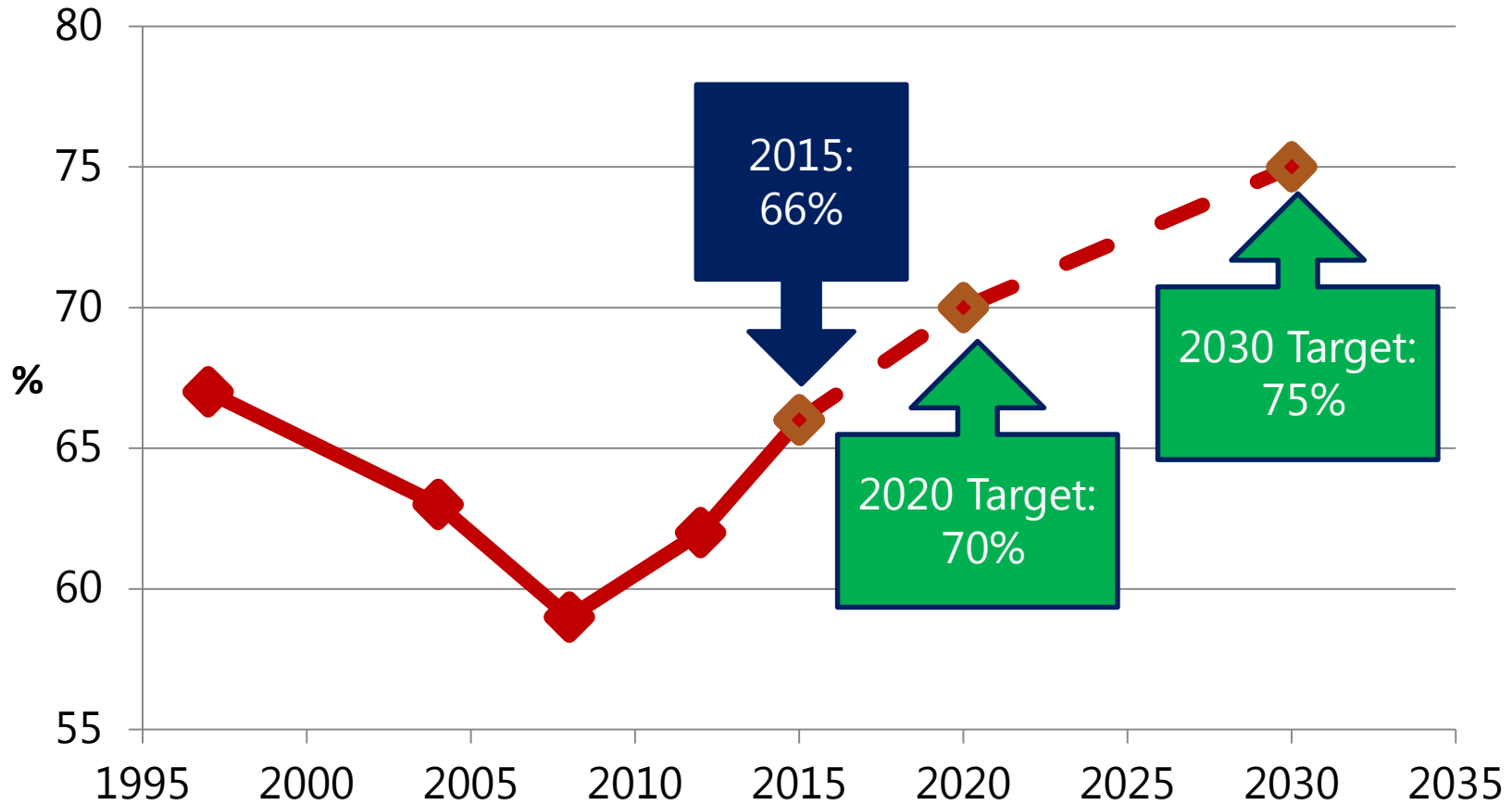
Public Education

Regulation & Enforcement



Progress

Public Transport Mode Share in Peak Period



Source: LTA Planning, ATS 2015

WALK CYCLE RIDE SG

THANK YOU

