Efficient and Sustainable Land Transport in Singapore

Seet Shu Ling
International Relations Executive
Ministry of Transport, Singapore

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Outline

• Challenges faced by Singapore
• Strategies to address the challenges
• Conclusion
  - Sharing experience and best practices
  - towards an efficient and sustainable transportation system
Challenges Singapore faces

- Limited land space yet increased travel demand
- Balancing transport needs with desire for quality living environments

*Increase in travel demand must be met largely by public transport*
Land Transport Master Plan

Vision
• A People-Centred Land Transport System

Strategic Thrusts
• Make Public Transport a Choice Mode
• Manage Road Usage
• Meet Diverse Needs
• RTS network will double from 138 km today to 278 km
Making Public Transport a Choice Mode
Extend Bus Priority Scheme

Full Day Bus Lanes

Mandatory Give-Way at Bus Bays

Bus Priority at junctions

Give way to buses exiting
Making Public Transport a Choice Mode
Better public transport information

- Commuters can gain real-time Bus Arrival timings
- Commuters have a choice of using mobile phones or the internet to plan their travel via public transport
Making Public Transport a Choice Mode
Inter-modal transport Integration
Manage Demand for Road Use
Vehicle Ownership Control

- Vehicle Quota System - sets the number of vehicle licences that can be released each year (Certificate of Entitlement)

- Revised lower vehicle growth rate of 1.5% p.a. in April 2009
Manage Demand for Road Usage
Land Use Planning
Intelligent Transport Systems (ITS)  
GLIDE System

• Green Link Determining (GLIDE) System
  – Allocates green time for motorists and pedestrians based on demand
Green Initiatives
Fuel Economy Labelling Scheme

- Launched as a voluntary programme in 2003
- Provide buyers of passenger cars with fuel economy information at the point of sale
- From April 2009, mandatory for car retailers to display fuel economy labels on cars in their showrooms

![Fuel Economy Label](image)
Conclusion

- Some challenges that Singapore face may also be similar to those faced by other countries.

- Sharing of Singapore’s and other countries’ experiences contributes to the overall effort of promoting efficient and sustainable transportation system for all.
Thank You