

Road Transport

Road Network - 3,200 km

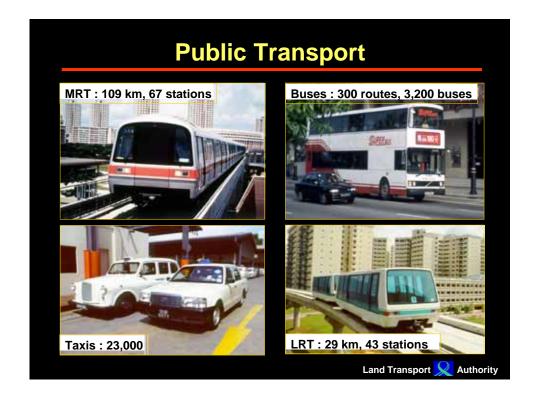
Expressway Network - 150 km

Vehicle Population - 800,000

Car Population - 470,000



Land Transport Authority



Outline of Presentation

- > Background
- > Integrated Planning
- > Transport Demand Management
- Public Transport
- Meeting Diverse Needs
- > Protect the Environment
- Future Directions

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Early Singapore

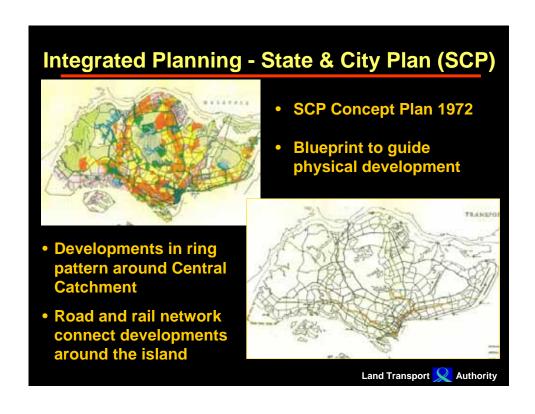
- Severe Traffic Congestion
- Rising travel demand
- Unreliable bus services

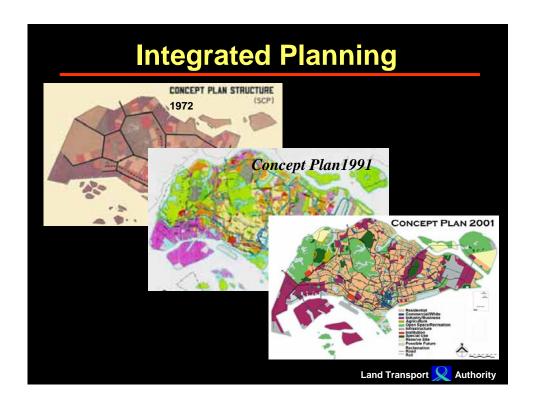






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Integrated Planning - Sustainable Transport

- LTA signed UITP (Union Internationale de Transport Public) full charter on sustainable development in 2005
- 3 broad sustainability pillars
 - social
 - economic
 - environmental

LTA to sign charter on public transport

It seeks to build a sustainable land transport system that meets present needs meets present needs by SAMUELE

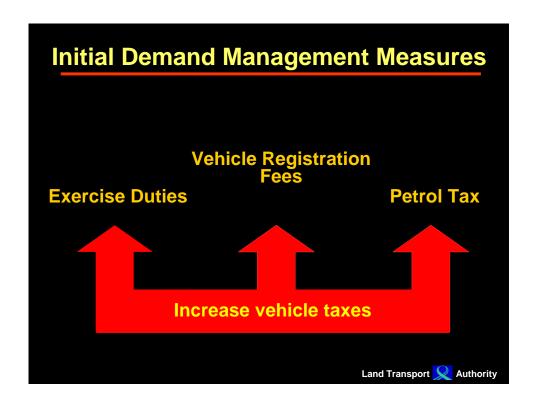
TIEI Land Transport Authority (LTA) will sign the International Association of Public Transport (UTIP) Pall Charter on Sustainable Development today at the UTIP Soft World Congress in Rome.

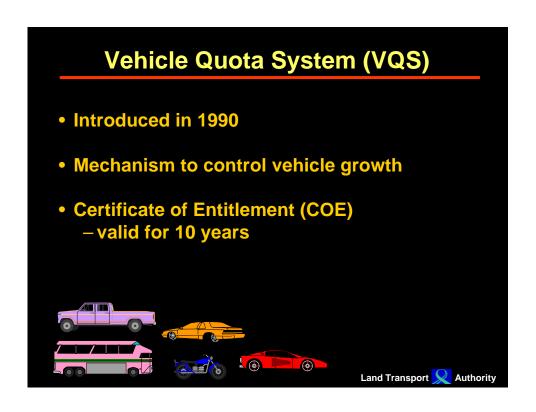
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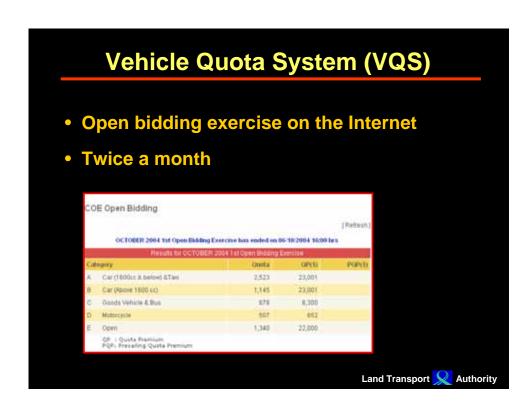
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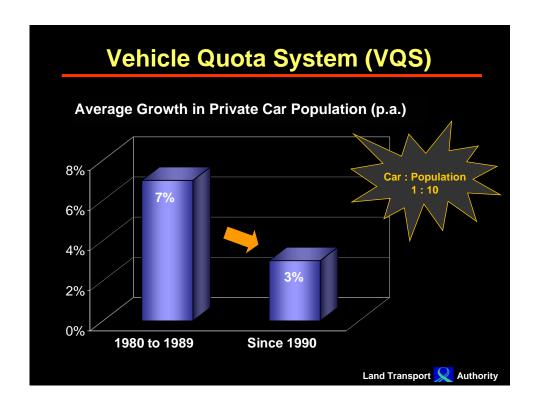
Managing Private Transport Demand

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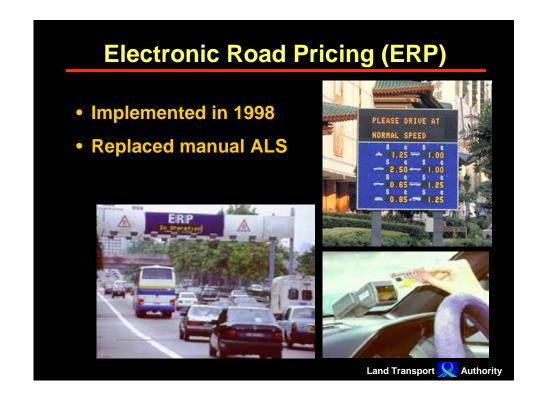


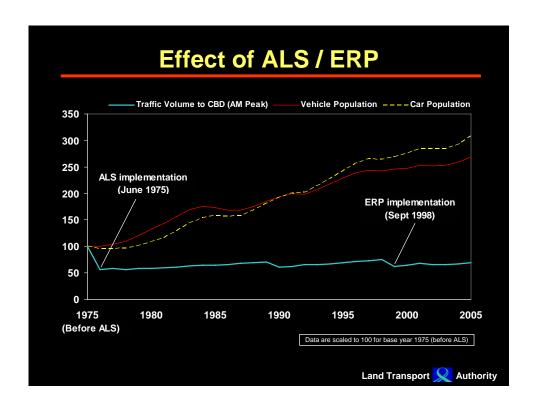


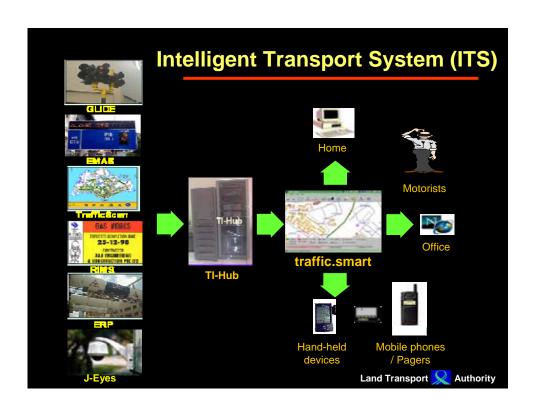


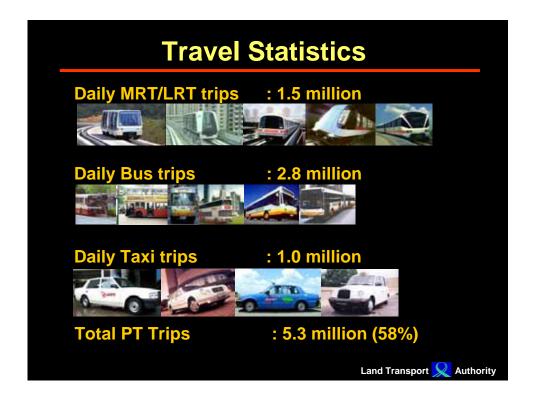










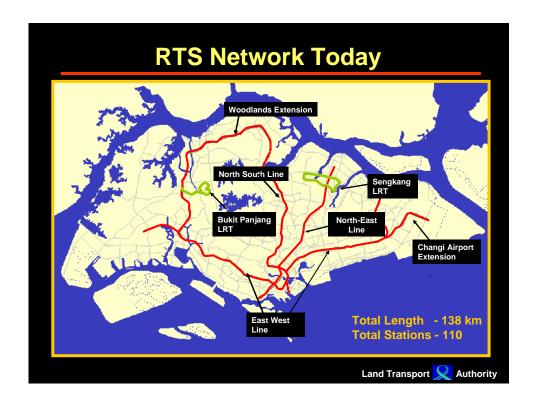


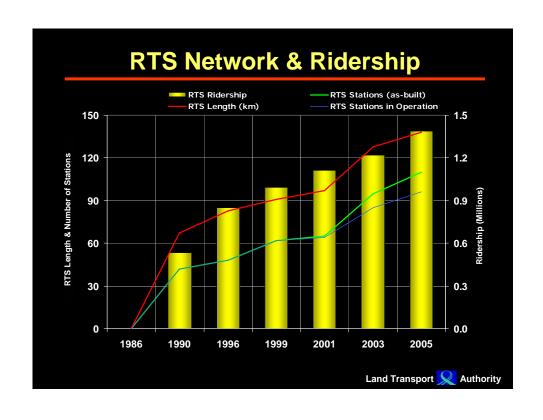
Mass Rapid Transit (MRT)

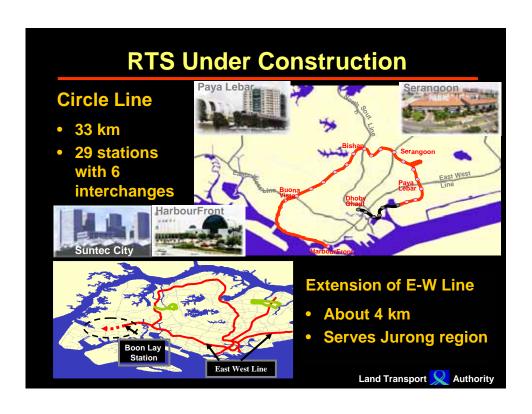
- Maintaining a long-term view
- Costly Infrastructure
- MRT vs All-bus system
- First phase (67 km, 43 stations) completed by 1990

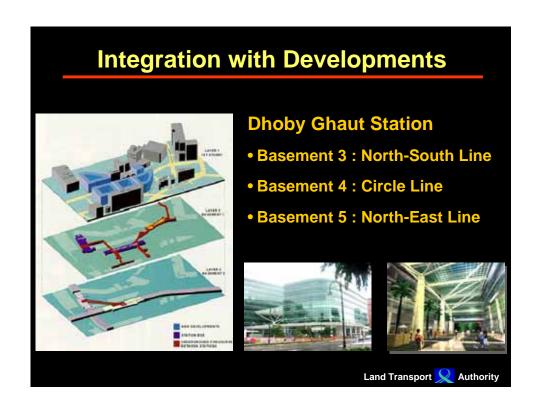


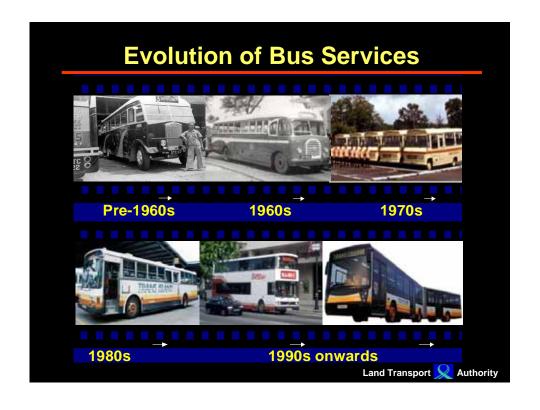
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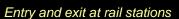








• Non-transit applications. E.g. retail purchases







Bus boarding & alighting



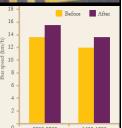


- Improve public transport
 - Full-day bus lanes
 - Bus priority signals
 - Premium bus services
- Education
 - Green Transport Week
 - e-Game & Youth outreach











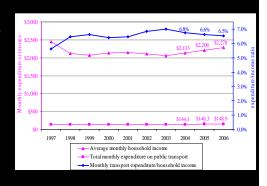






Diverse Needs

- Public Transport Council regulates fares
- Affordability indicator
 - Public transport expenditure as % of household income of a typical family



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Mobility-Challenged and Elderly

- RTS station upgrade
 - Government investment: S\$80 million
 - Fitting ramps, elevators, handicap toilets
 - All stations are barrier free now





Mobility-Challenged and Elderly

- Barrier Free Access
 - 40% buses will be wheelchair-accessible by 2010
 - Barrier free access to all road and commuter facilities in 5 years











Emissions from Transport • Environmental concerns - Air pollutants CO well within USEPA standards - Greenhouse gases such as CO₂ contribute to global warming CO₂ Contribution by Sector (2004) 19% 16% ■ Transport Buildings Consumers / Households Manufacturing Land Transport Authority

