

Most Liveable and Best Connected?

A. Melbourne in Perspective:
What are our strengths and weaknesses?

B. A Sound Economic Choice:
Why does Melbourne need world-class public transport to keep ahead?

C. The Reform Agenda:
What are we hoping to achieve on the ground?

Copenhagen
Helsinki
Oslo
Stockholm

Welbourne

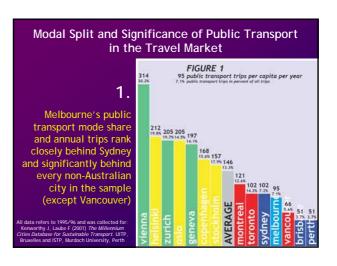
Vienna
Zurich
Geneva

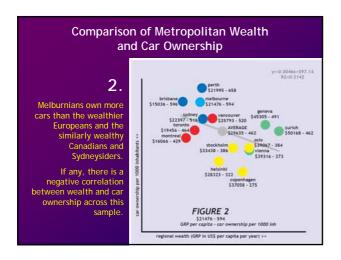
Copenhagen
Montreal
Vancouver
Stockholm

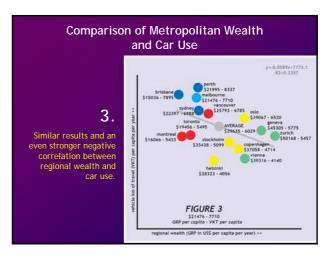
Melbourne

Sydney
Brisbane
Perth

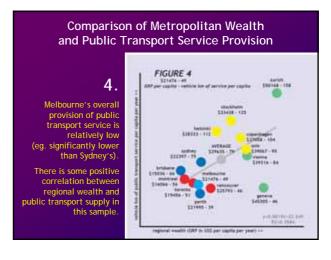


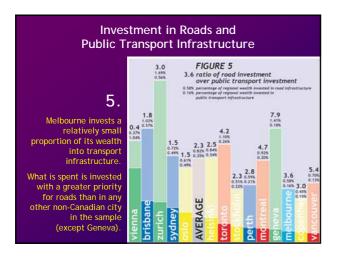


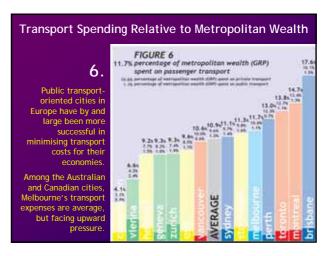


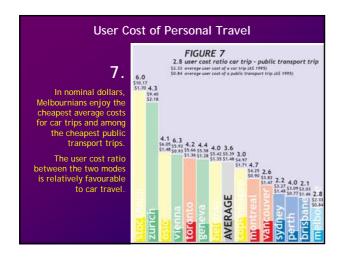




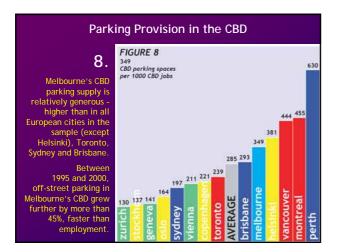


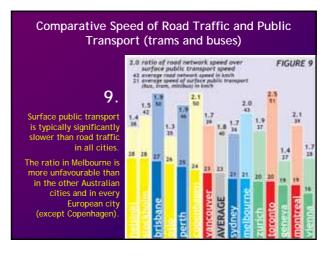


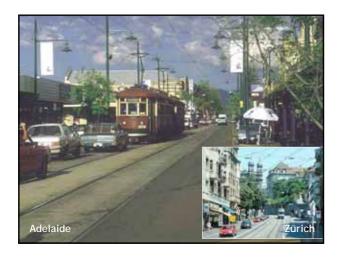


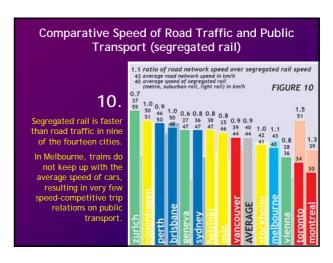


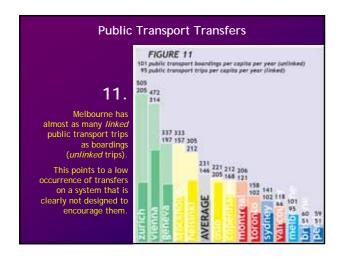




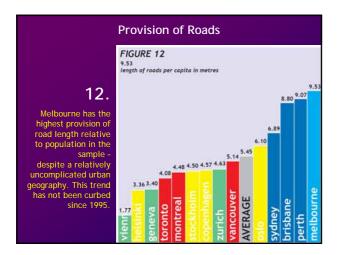


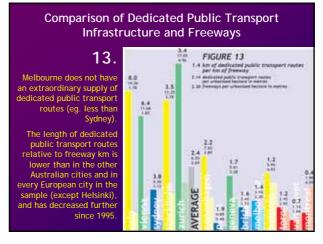


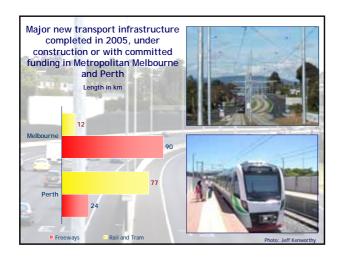


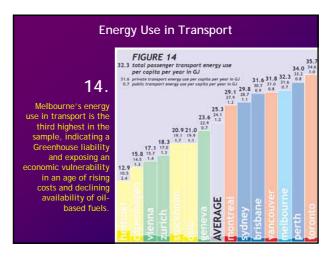




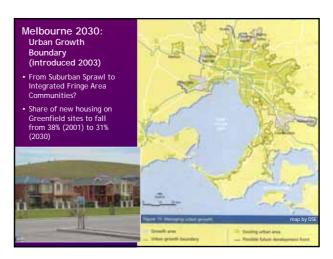


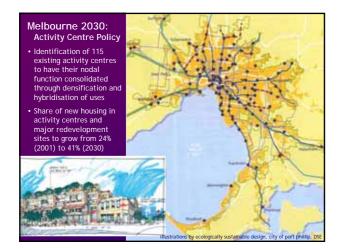


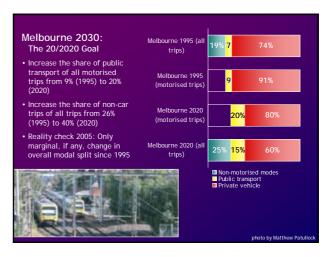












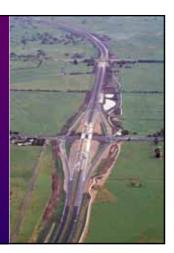




Support for Economic Growth

Metropolitan Transport Plan (MTP) mentions:

- Improving the efficiency of freight and commercial traffic
- Management of safety and environmental issues
- Commitment to 90 km of new freeways and tollways





Support for Economic Growth

MTP does not mention:

- Importance of spatial clustering and interaction of business services and creative industries
- Recognition of the significance of placemaking and local amenity in facilitating these processes
- Cost of car dependence

A Strong Role for Public Transport Helps Cities to Generate Wealth

Globally, public transport-oriented cities spend a lower proportion of their wealth on transport than car-oriented cities. The more car-dependent a city, the more money is wasted on just getting around. This is caused by the cost of car dependence and the cost of land given to cars.

Public Transport Reduces Socio-Economic Stress

Low-income households at the urban fringe spend up to 25% of their income on cars. Employment prospects and social inclusion in car-based suburbs depend on cars. Functional public transport access helps lower-income people to 'stay in the loop'.

Public Transport Reduces External Transport Costs

In 1999, there was a nationwide \$22.8 bn 'road deficit', largely generated by the costs of accidents, pollution, noise etc. Excessive reliance on cars exposes Melbourne to the increasing vagaries of global oil availability and prices. Technological progress can only solve a fraction of this problem.

Good Public Transport Saves Time

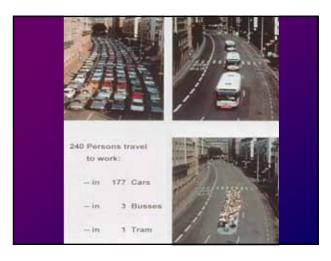
Segregated public transport must be faster than road traffic, and concentration of destinations in walkable nodes enables non-motorised mobility to be competitive.



Public Transport Makes Economic Use of Urban Space

Melbourne's trains can move four lanes of freeway traffic per track without overcrowding. Shifting Melbourne's weekday public transport users onto cars would require an additional 200 km of expressways in the inner area, and an additional five levels of parking across the entire CBD.





Public Transport Supports the Globalised Service/Knowledge Economy

Attraction/retention of highly qualified 'knowledge workers' are the principal engine of economic growth and innovation. These industries cluster and thrive in well-connected, high-amenity areas without car dominance.











Public Transport Provides Investment Certainty

Rail and tram infrastructure guarantee high accessibility levels to property developments. Synergies between infrastructure upgrades and land value premiums offer potential for cross-financing.



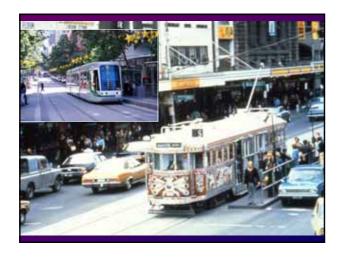


Perth TOD Strategy now to optimise rail investment.
Sydney investor has raised \$90m to invest in TOD in Perth as he can make more money there than anywhere else.
(Adds an extra15% minimum to any profit he can make.)

Public Transport Promotes Car-Light Lifestyles

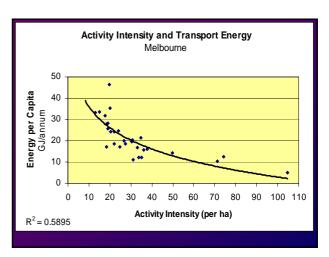
Residents of public transport-rich areas use cars more sparingly and own fewer of them than residents of public transport-poor areas, independent of income.

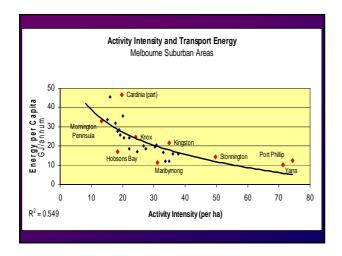
Savings are recycled into more productive sectors of the economy. Services such as neighbourhood car sharing can reduce vehicle ownership further without mobility losses.





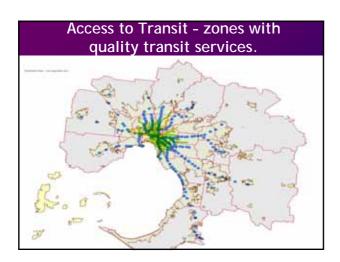






ISTP project to explain transport patterns by local govt area in Melbourne and Sydney:

- Intensity of activity (people and jobs per ha) explains 56% of Melbourne's variance and 71% of Sydney's.
- Access to Transit (% of area with high quality access to public transport) explains 61% of Melbourne's variance and 58% of Sydney's.
- Heavily linked, ie density and services both needed.

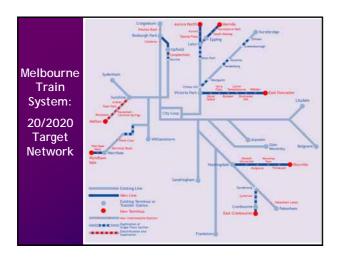


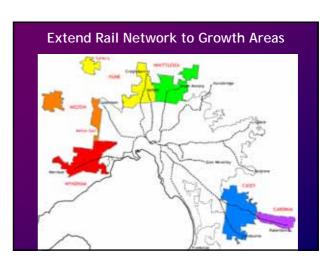
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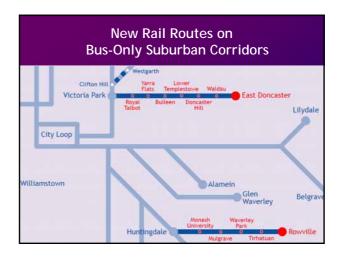








Increase Capacity on Congested Rail Routes • Smarter Timetabling • Duplication of Single-Track Sections (Epping, Hurstbridge and Werribee Lines) • Operational Reform: All-Day Express Services, Discontinue Midday Reversal of City Loop Direction • Signalling Upgrades • Elimination of some Level Crossings (particularly those affecting tram and high-frequency bus routes) • Selected Passing Loops, Additional Tracks and Flyovers on Busiest Routes













Reform Franchising Agreements

- State Government operating subsides to the tram and train system increased from \$300m to \$560m per year since privatisation (a significantly higher rate than growth in service levels or passenger numbers)
- Lack of public transport agency with comprehensive network and service planning authority leaves a gap between strategic planning (DOI) and operational planning (Yarra Trams, Connex), which stifles market expansion and responsiveness to user needs
- Consider the reestablishment of an accountable, integrated public transport planning agency in government, as in Perth, Adelaide, Vancouver and nearly all continental European cities.



Melbourne's 6 Priorities for Public Transport Infrastructure Investment

- 1. Increase Rail Capacity on congested routes through operational, timetabling and signalling improvements, and duplication of single track lines.
- Extend Train Lines and Construct Additional Stations to serve urban fringe growth areas - Mernda, Aurora, Wyndham Vale, Cranbourne East and Meltonand the Doncaster and Rowville corridors.
- Connect All Principal, Major and Specialised Activity Centres by train, tram
 or SmartBus with a minimum 10-min frequency and with better traffic priority
 for trams and buses.
- Upgrade Suburban Bus Services and Frequency (at least every 15 min), as direct services 7 days a week until at least 10 pm.
- Accelerate Delivery of Measures to Achieve Disability Compliance across the system, and access for all by extending services to all Melbourne residents and iobs.
- Reform Franchising Agreements and reestablish and accountable and integrated public transport planning agency in State Government.
- Not a Priority: Major new road projects, other than in designated growth areas at the urban fringe