Multi-disciplinary challenges in transport

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Department of Infrastructure
Policy background

- Growing Victoria Together
- Melbourne 2030: Planning for sustainable growth
- Victoria: Leading the Way
- Linking Melbourne: Metropolitan Transport Plan
- Challenges in addressing disadvantage
Metropolitan Road User Fatalities 1989 – 2003
Source VicRoads

Metropolitan Road User Serious Injuries 1989 – 2003
Source VicRoads
Congestion

2001 - Congested Road Links
AM peak volume at or exceeding capacity
Source: Department of Infrastructure

2021 - Congested Road Links
AM peak volume at or exceeding capacity
Source: Department of Infrastructure
Travel demand management

Alamein TravelSmart Impact

<table>
<thead>
<tr>
<th>Type of Travel</th>
<th>% Change</th>
</tr>
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<tbody>
<tr>
<td>Driving</td>
<td>-10%</td>
</tr>
<tr>
<td>Public transport</td>
<td>27%</td>
</tr>
<tr>
<td>Cycling</td>
<td>23%</td>
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<tr>
<td>Walking</td>
<td>26%</td>
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</tbody>
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TravelSmart project areas
1 2003 Alamein small scale pilot
2 2004 Darebin large scale pilot
3 2005 Maribyrnong and Moonee Valley demonstration project

Source: Department of Infrastructure
Activity centres and the PPTN

- Bus and tram network (existing and proposed)
- Melbourne metropolitan rail network
- Potential network option (rail, tram or bus)
- Presently operated as Train Link
- Major public transport project under construction
- Urban area (2001)

- Activity Centre
- Central Activities District
- Urban Growth Boundary
- Major Road
- Rail (non metropolitan)
- Regional fast rail

[Map of metropolitan area showing various transport networks and urban areas]
Cross-town public transport

**SmartBus Routes**

Existing Smartbus route:
- Green: Springvale Road
- Orange: Blackburn Road

Committed SmartBus route:
- Red: Warrigal Road
- Purple: Caulfield to Rowville via Wellington Road

Future Orbital Bus routes

Existing urban area
- Major road
- Rail network
Mobility and access - low density of demand
Freight task

Victorian Freight Task 2000
Mtpa = Million tonnes per annum
Source: Department of Infrastructure 2004
### A balancing act

<table>
<thead>
<tr>
<th>Integration</th>
<th>Competition</th>
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<tbody>
<tr>
<td>Analytical</td>
<td>Radical</td>
</tr>
<tr>
<td>Public policy</td>
<td>Personal behaviour</td>
</tr>
<tr>
<td>Innovative, experimental</td>
<td>Systematic, accountable</td>
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<tr>
<td>Inclusive</td>
<td>Targeted</td>
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Questions?