**Project**

Client: Auckland Transport  
Location: Auckland Region  
- Population of 1.35 Million  
- 500,000 Households  
- 500,000 Jobs  

Task: Develop an Accessibility Model  

Why?

**Make Auckland the most liveable city in the world.**

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**What is Accessibility?**

- **Capability**
- **Mobility**
- **Opportunity**

**Accessibility**

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**What is Accessibility Modelling?**

- Land Use  
- Transport Systems  
- Traditional Transport Models (e.g. ART3)

**Indicators**

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**The Scenarios**

- Time of Day: Morning Peak, Inter Peak  
- Year: 2012, 2013  
- Growth: Medium, High  
- Funding: Level A, Level B

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**What data do we need?**

<table>
<thead>
<tr>
<th>Demographic</th>
<th>2006 Census</th>
<th>2041 Medium</th>
<th>2041 High</th>
</tr>
</thead>
<tbody>
<tr>
<td>Population</td>
<td>1,347,000</td>
<td>2,013,000</td>
<td>2,441,000</td>
</tr>
<tr>
<td>Households</td>
<td>460,000</td>
<td>816,000</td>
<td>918,000</td>
</tr>
<tr>
<td>Jobs</td>
<td>520,000</td>
<td>816,000</td>
<td>918,000</td>
</tr>
</tbody>
</table>

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**Households:**

**Employment Locations:**
Private Vehicle Network
- Road network
- Operating speeds for links
  - ART3 Model Output

Public Transportation Network
- Bus, Train and Ferry
- Interchanges between modes
- Extensive Network

Threshold Indicators
- 15 minutes
- 30 minutes
- 45 minutes
- 60 minutes

Percentage of Jobs Accessible within 15, 30, 45 and 60 Minutes for Private Vehicles

Additional Waitemata Harbour Crossing
- Pen Link
- AMETI
- Waterview Connection
What's Next?

- Test the potential impact of proposed City Rail Link
- Scoping including cycling and walking
- Integrated Transport = All Modes

To find out more:

- Contact me: jay.baththana@abley.com
- Read about the project in our newsletter www.abley.com/newsletters
- Learn more about us www.abley.com