

Viaduct Quarter Tram

### What Do We Want?

 Evaluate light rail as an option for the Viaduct Quarter

# Examples





# Examples



## Benefits

- Trams more attractive to users
  - Higher patronage
- Commuter connector from Britomart
- Zero emissions
- Fossil fuel independent
- Quiet
- Mix well with pedestrians
- Traffic calming
- Tourist attraction

### Financial Costs

- Track and power supply ~\$4m per km
- Street cars ~\$500K to \$2m each
- Cost savings if consideration given now

# Financial Benefits

- Lower operational costs
  - Higher maximum passenger loads
- Extremely reliable
- Less carparking required
- Retailers benefit from consumer friendly environment

# Health and Environmental Benefits





## Health and Environmental Benefits

- Clean, green transport option
- Compared with diesel:
  - PM10 particulates carry carcinogenic material
  - PM2.5 particulates
  - Sulphur dioxide

### Other Considerations

- Expertise available
  - MOTAT and Christchurch Tramway
- Te Wero bridge can accommodate power supply
  - Overseas examples
- Scalable to include Queen St and Tamaki Drive

# Consensus is Building

- Heart of the City
- Cycle Action Auckland
- Auckland Chamber of Commerce
- Auckland City's own draft CBD Waterfront Masterplan
- Under consideration by Sea + City Board

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