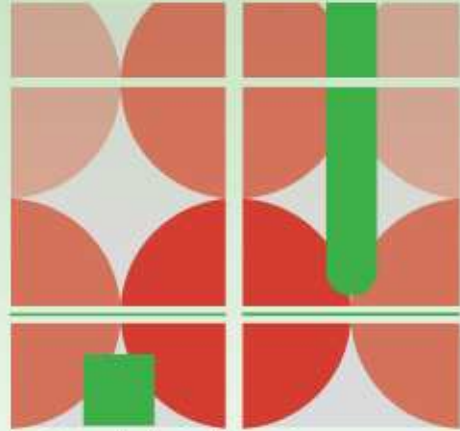


ACNU08



**Brisbane**

**2008 NATIONAL  
CONGRESS OF THE  
AUSTRALIAN COUNCIL  
FOR NEW URBANISM**

6th – 9th February, 2008



# ACNU 08

## Transit, Urban Corridors and TODs

7-9 February 2008, Brisbane

Dr Mark Bachels

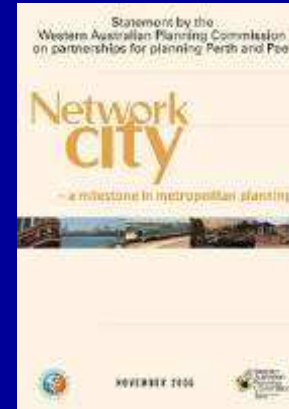
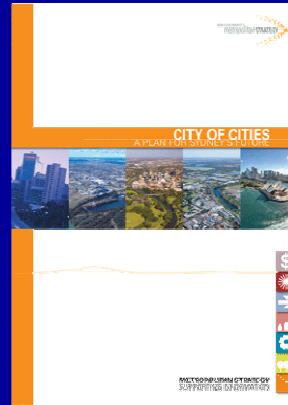
Parsons Brinckerhoff (PB) Australia

*National Executive – Sustainable Communities and TODs*

*Sunshine Coast Executive*

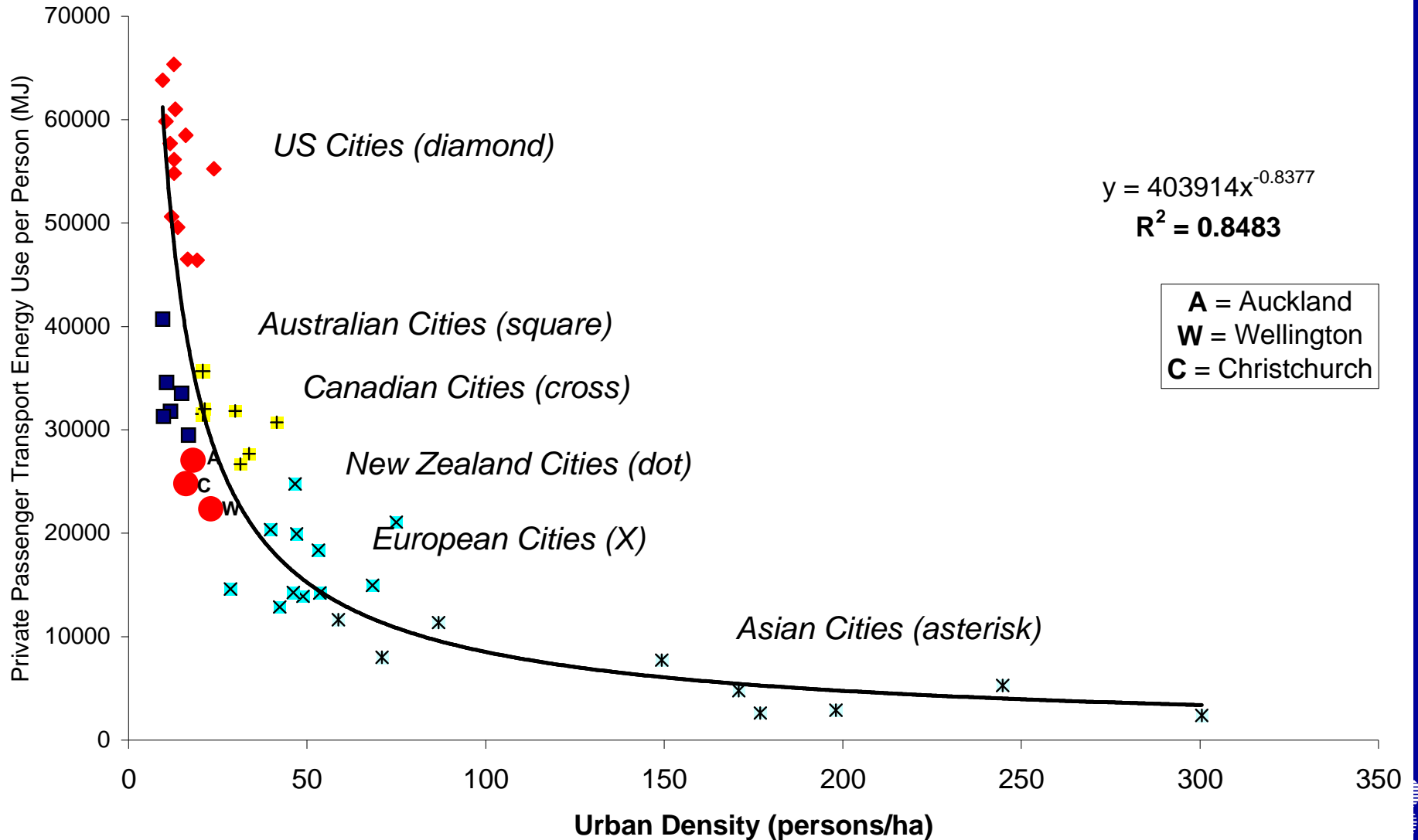


# Australian Cities - Smart Growth

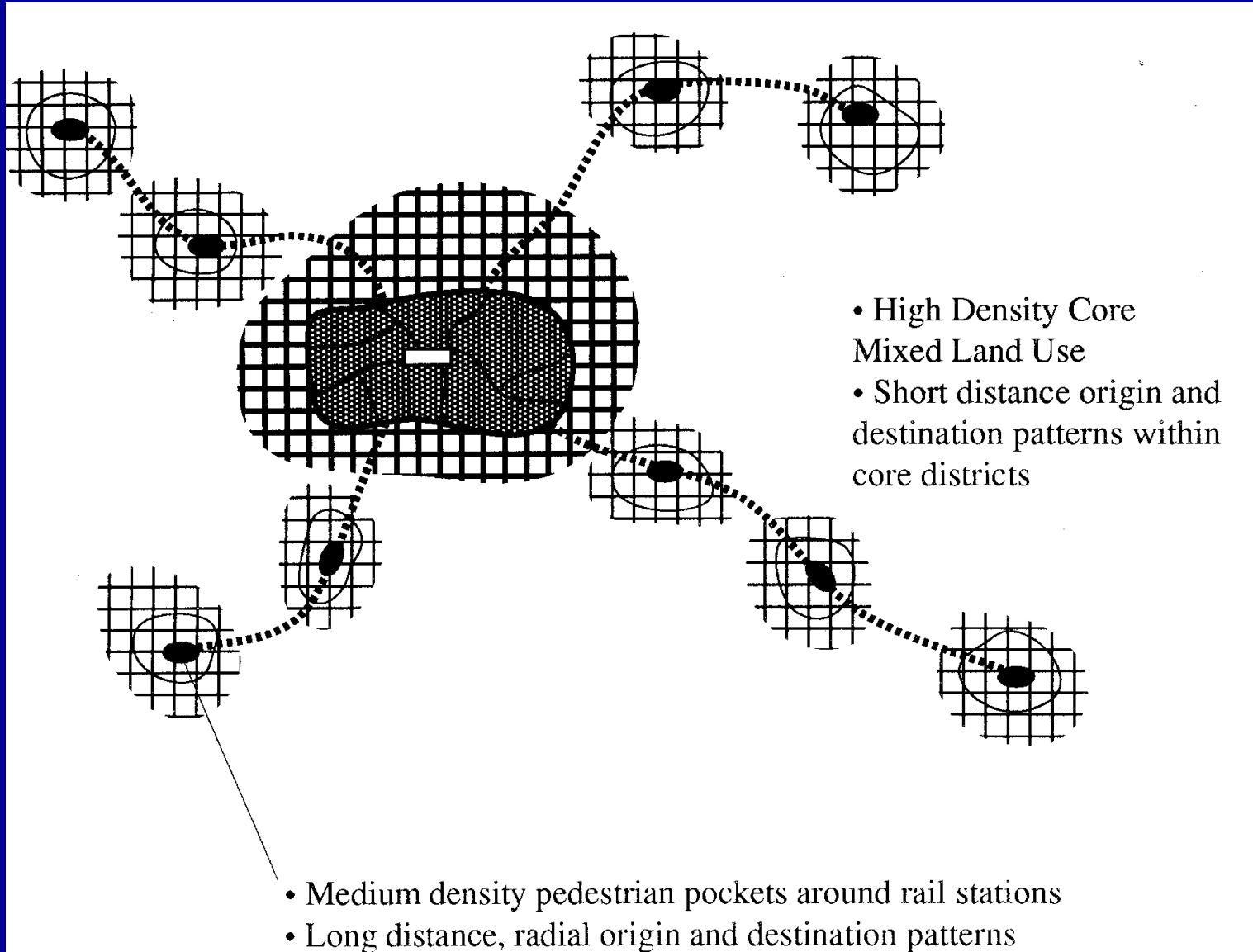


- All major Australian Cities are pursuing similar growth strategies
  - c. 50:50 ratio of greenfield and urban renewal
  - Connected and mixed use centres
  - Managed growth and urban boundaries
  - TOD principles
  - Improving Transit (rail, tram, bus) – reducing car dependence
- Success will lay in the leadership, commitment and detailed delivery/planning

# Private Transport Energy Use Decreases as Density Increases



# Nodes and Corridors







# Urban Villages - TOD Principles

- Mix of land uses
- Moderate to higher densities
- Defined and permeable center
- Walkable scale and ped-friendly design
- 18 hours of activity
- Complete community sense of place
- Integrated with excellent public transport
- Limited Parking
- Increase public transport, walk and cycle; decrease car use

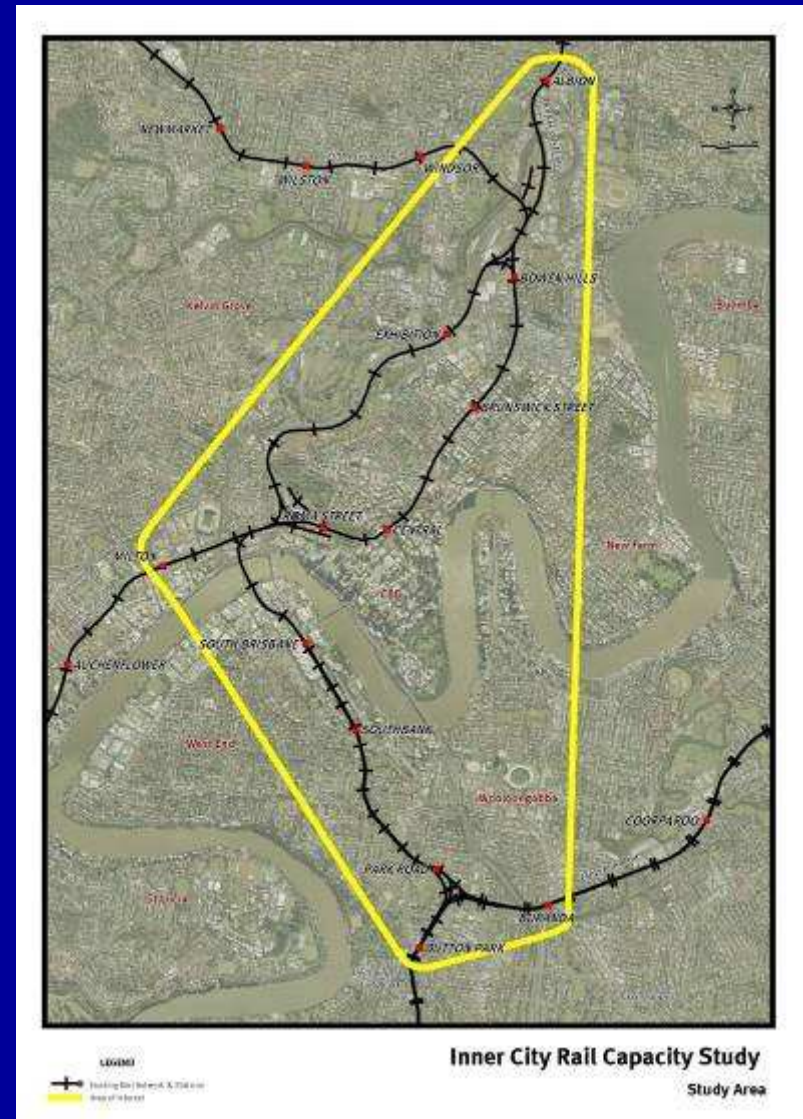


*Apply in Greenfield and Urban Renewal sites*



## ICRCS

- Integrated land use and transport strategy for inner city Brisbane
- Identify and assess options for the future development of the rail network in the inner city
- Address rail capacity constraints





# PT Network – Bus and Rail

## Sunshine Coast

### Bus - Translink

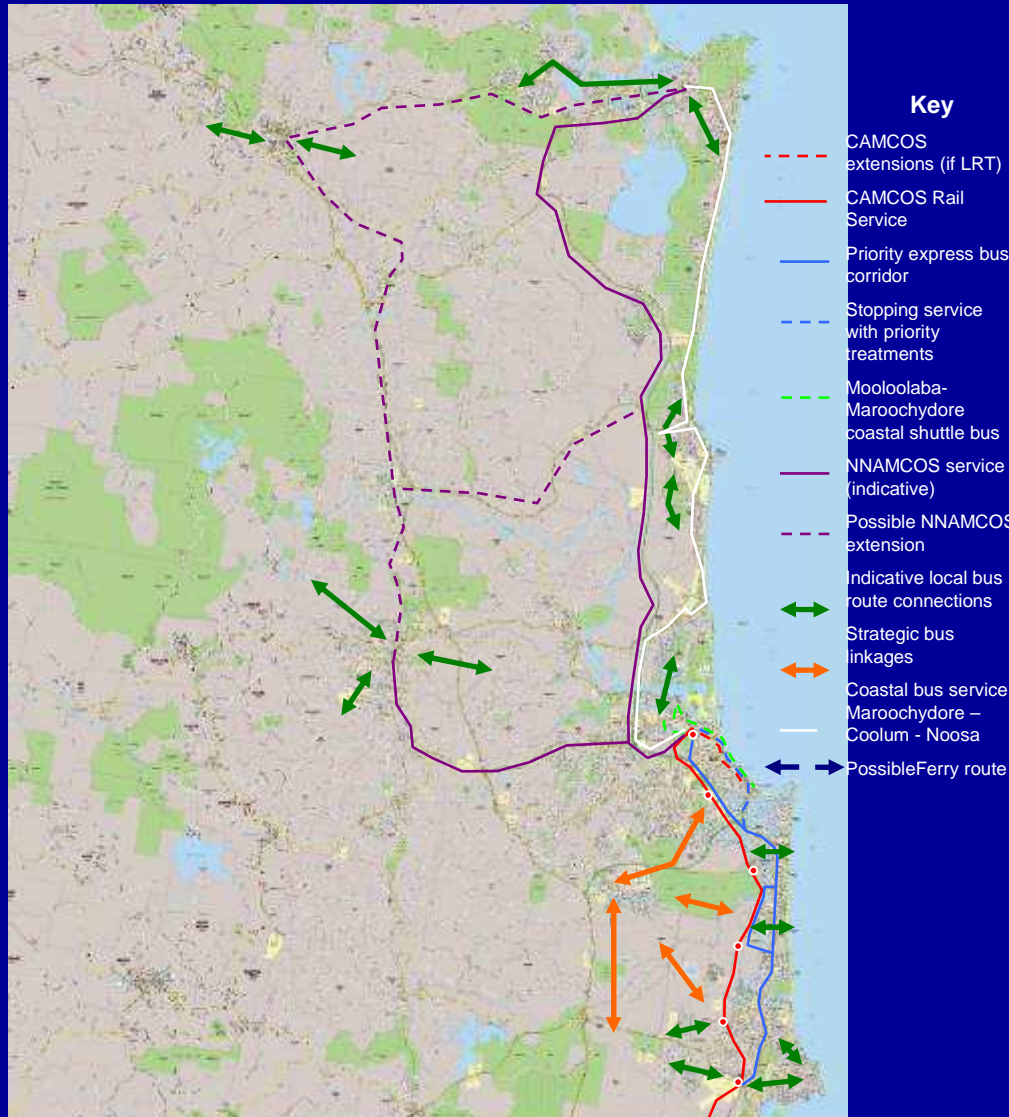
- Network of connected centres
- Traffic priority along corridors
- Service improvements (frequencies, route coverage)
- Improved passenger information
- Integrate with developments/TODs
- Interchanges well designed

### Rail - CAMCOS

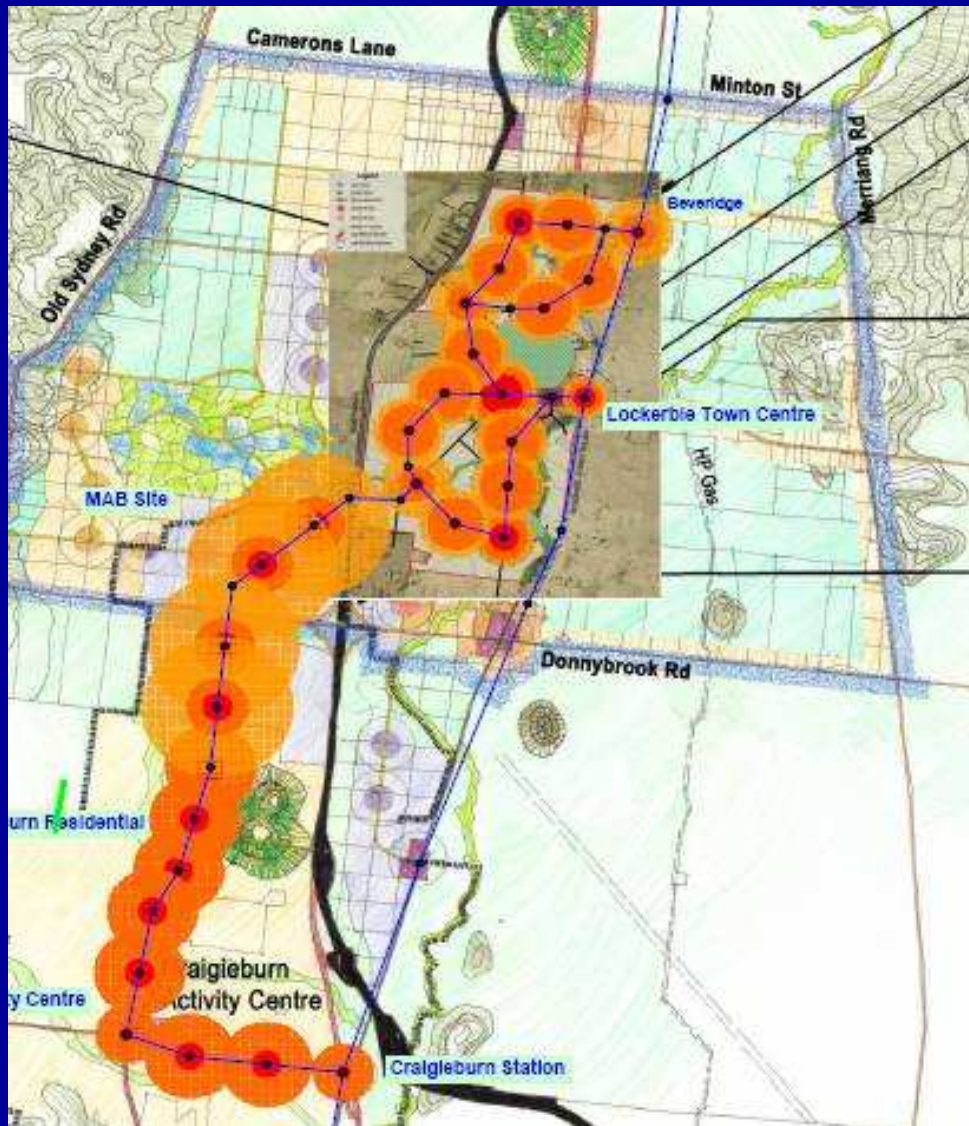
- Preserve CAMCOS corridor
- Ensure rail integration with key centres, and with bus services
- Integrate with developments/TODs

### Overall

- Modes are complementary
- Councils work together
- Whole of government strategy
  - State and councils



# PB TOD and Corridor Assessment Tool



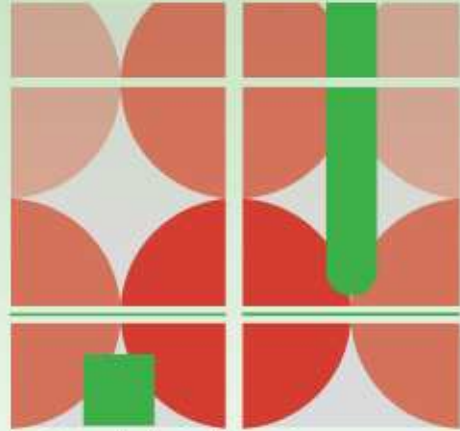
- Scenarios for mixed uses (density, jobs, etc), mode share, transit networks
- Greenfield or urban renewal applications
- Transit corridor studies
- TOD site studies
- Quick and facile
- Integrates land use and transport/transit modelling

# TOD Challenges

- Stimulating development – catalyst
- Integrating Transit and Land Use (complex)
- Agency collaboration
- Agency – developer integration
- Delivering good plans



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