ACNU 08
Transit, Urban Corridors and TODs

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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

\[ y = 403914x^{-0.8377} \]

\[ R^2 = 0.8483 \]

US Cities (diamond)

Australian Cities (square)

Canadian Cities (cross)

New Zealand Cities (dot)

European Cities (X)

Asian Cities (asterisk)

A = Auckland
W = Wellington
C = Christchurch
Nodes and Corridors

- High Density Core
- Mixed Land Use
- Short distance origin and destination patterns within core districts

- Medium density pedestrian pockets around rail stations
- Long distance, radial origin and destination patterns
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
ACNU08
Brisbane

2008 NATIONAL CONGRESS OF THE AUSTRALIAN COUNCIL FOR NEW URBANISM

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