

Transforming Transport 14-11-07

Urban Access and Mobility Workshop 3

What are the key drivers and points of leverage for emissions in your topic area?

1) Key Drivers

Mobility - getting places by easiest/least congested means

- Urban form - nearest point of access to goods & services, Outlying area - car only option, Private/individual cars - mode choice

Cost of distribution (appreciation of total cost including emissions)

- Built for motor car (previously)

Preferred Travel time = 30-40 mins max

->(work/education)/(shop/leisure)/home

2) Integrated transport system - car not needed

Emphasis on active modes - shared space

Transit Oriented design

Urban Villages

Align trip generators (shops, facilities) along corridor eg Singapore

3) Urban forms - Boulder, Holland design for accessibility by walking and cycling

-local shops versus hypermarket - dont bear costs, individual bears costs.

NOW

- cost of manufacture

Changing planning rules to allow for redensification (including mixed use)

Increased funding for public transport

Better facilities for pedestrians, cyclists (dedicated cycleways)

Car-free inner city areas

Reprioritisation of road space

Mandate 10% less fuel imported

(triangle, shop, live, work. smaller trainger = happier, 40 minutes max by any node)

Summary re Key Drivers & points of leverage

- Peak hour - management of peak demand
- Urban Centers depend on people movement - activity
- Too much solitary driving - behaviour based on convenience - if you can't park in city you won't bring car.
- Congestion - Vancouver - "how to increase congestion" -> effect on behaviour
 - push and pull factors.
- Mobility restrictions - eg. hilly parts of Wellington
- Land development patterns
 - Developers
 - District plans

- Density
- Integration of land use & transport
 - quality urban environments
- Level of service is as important as density
- Status Symbol
- Procurement - discerning

What could a climate supportive transport system in your topic area look like in 2025?

- More electric - private & public
 - renewable electricity - diverse generation sources
- Proliferation of "TOD"s - could occur in 2 decades
- Horses for courses -> PT service - light rail, good quality buses
- Social Norms Changing
 - Change is ongoing
 - "idea of owning a Hummer is considered daft"
 - video conf / internet shopping etc
- Highly localised - accessibility highly important
- Technology – include substitutions
- Slower speeds

Any good system has to address a range of issues in a holistic way

What needs to happen now to help the transformation of your topic area towards a more climate supportive system?

- Framework changing innovations
 - often political sensitive
 - need for consensus across politics
 - inclusive consultative process for change
- Technology
 - Internet/ teleworking
 - Bigger faster better vs. smaller slower better
- Reprioritisation
 - traffic lights
- Customer Choice
- Costs (external)
- Need for alternatives in face of hard measures
- Governances and decision-making frameworks
 - counter balance to 3 years election cycles.
- What the public are engaged by, e.g. Transmission Gully
- Funding integrated solns - methods for funding that gives range of benefits/cobenefits
- Focus on "Place"

