

## Journey to zero carbon transport

### Where do we want to go and how do we get there?

Notes from workshop discussion 'Journey to Zero Carbon' Transport Workshop  
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*Workshop facilitated, and notes compiled by Janet Rice*

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Objectives	Strategies to achieve these objectives	Possible techniques and tactics
1 Cities and residential settlements to require less travel. This will entail:	Take action to control developer driven agendas and lack of democratic planning	Legislate for democratic urban planning by 2015
<ul style="list-style-type: none"> <li>• Increased urban density</li> </ul>		
<ul style="list-style-type: none"> <li>• Walkable communities, safe attractive cycling routes</li> </ul>		
<ul style="list-style-type: none"> <li>• Decentralisation of jobs and services</li> </ul>		
<ul style="list-style-type: none"> <li>• Relocalisation of food, entertainment etc</li> </ul>		
<ul style="list-style-type: none"> <li>• Reduced car ownership – car share programs etc</li> </ul>		
2 Lifestyles that require less travel		
3 Travel that is undertaken must be by active transport (walking and cycling) and modes that are powered by renewable energy and use less resources in their establishment and maintenance. This includes:	<ul style="list-style-type: none"> <li>• Public transport must be made more affordable and/or carbon intensive transport made more expensive with more 'pay as you go' costs</li> <li>• Establish a culture of safety: Public transport and cycling and walking must be and be seen to be safe</li> <li>• Slow vehicle traffic down to improve safety for cyclists and walkers</li> <li>• Journeys to work and other frequent, predictable journeys that don't require the carrying of large quantities of goods to be done largely by public transport, walking and cycling</li> <li>• Develop zero carbon public transport solutions for</li> </ul>	<ul style="list-style-type: none"> <li>• TAC to promote and support active transport</li> </ul>

	dispersed settlements	
<ul style="list-style-type: none"> <li>Fast, frequent, reliable and safe public transport. This must be integral to all developments, new and old, and provide a comprehensive network for efficient travel, within cities and connecting cities and regional centres</li> </ul>	<ul style="list-style-type: none"> <li>Increase speed of public transport</li> <li>Better integration of modes and connection between regional and urban PT</li> <li>Make PT more disability friendly</li> <li>Bring back trams to Australian cities – eg Sydney, Newcastle, Perth. Bring back the Bondi tram!</li> </ul>	<ul style="list-style-type: none"> <li>Get union movement support for expanded and improved PT</li> <li>Promote benefits of improved PT</li> <li>More promotion</li> </ul>
<ul style="list-style-type: none"> <li>High speed rail to replace air travel</li> </ul>	<ul style="list-style-type: none"> <li>Develop a vision and a plan</li> <li>Develop marketing plan</li> </ul>	<ul style="list-style-type: none"> <li>Undertake: corridor studies, feasibility studies</li> <li>Educational activities</li> <li>Lobbying</li> <li>Get union support</li> <li>Engage with current transport providers, potential investors and community</li> <li>Begin design and construction by 2015</li> <li>Completion of Melbourne- Canberra- Sydney by 2020</li> <li>2030 network fully operational between all the capital cities</li> </ul>
<ul style="list-style-type: none"> <li>More walking</li> </ul>		
<ul style="list-style-type: none"> <li>More cycling</li> </ul>	<ul style="list-style-type: none"> <li>Better linkages between public transport and cycling</li> <li>More use of electric bikes</li> </ul>	
<ul style="list-style-type: none"> <li>cars powered by 100% renewable energy</li> </ul>		
<ul style="list-style-type: none"> <li>Car sharing schemes</li> </ul>		
<ul style="list-style-type: none"> <li>Smaller ‘pod’ cars and other small vehicles including mopeds and scooters</li> </ul>		<ul style="list-style-type: none"> <li>Resolve space conflicts – where should scooters etc travel? and legal confusion</li> </ul>
4	Almost all long-haul freight	<ul style="list-style-type: none"> <li>Research into biofuels such as</li> </ul>

	<p>movements and a large proportion of ‘trunk’ intra-city freight movements to be on electric rail</p> <p>Remaining freight movements to be in vehicles powered by renewable energy</p>	<p>algae derived fuels that do not conflict with food production</p>	
5	<p>A tourism industry and regional employment that is based on zero carbon travel, not on cheap airfares</p>		<ul style="list-style-type: none"> <li>• Restaurants and cafeterias in suburban stations</li> </ul>
6	<p>Change economics to support less carbon intensive transport, taking account of equity issues</p>	<ul style="list-style-type: none"> <li>• Public sector financing needs to be directed to zero carbon transport, and match the level of need</li> <li>• Provide disincentives to driving</li> <li>• Public transport levy paid in advance so that actual trips are perceived as free</li> </ul>	<ul style="list-style-type: none"> <li>• Promote the expenditure on vic regional rail as a success</li> <li>•</li> </ul>
7	<p>Education and awareness about energy, transport and planning throughout life</p>		
8	<p>Bigger and better campaigns and networks to achieve the above aims. This will include:</p> <ul style="list-style-type: none"> <li>• better local networks and campaigns</li> <li>• more community building</li> <li>• Build a national movement of zero carbon transport activism</li> </ul>	<ul style="list-style-type: none"> <li>• Build coalitions eg between unions, residents groups, people with disabilities, elderly, carers of children, public transport users</li> <li>• Integration of national transport campaign groups</li> </ul>	<ul style="list-style-type: none"> <li>• Promote utility and convenience as campaign focuses rather than climate</li> <li>• Use social media</li> <li>• Draw up marketing strategies for getting green messages into the media</li> </ul>