

NSW 2021 Goals and the Smart Future Cities Conference 30 Sept, 1-3 Oct 2015

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	Smart Future City 2015 Conference strand		
<p>NSW 2021: A plan to make NSW number one- GOALS number http://www.2021.nsw.gov.au/index.php</p>	<p>Future Transport. EV = electric vehicles, AV = Autonomous Vehicles = driverless cars also = bicycles</p>	<p>Clean Energy</p>	<p>Innovation & Emerging Technologies in the Built Environment</p>
REBUILD THE ECONOMY			
1. Improve the performance of the NSW economy	EVs will reduce petroleum imports, AVs will reduce transport costs	CE potential to be a new industry sector	SC improvements favour economic growth
3. Drive economic growth in regional NSW	"	"	SC improvements favour economic growth and Newcastle is a major Regional City
4. Increase the competitiveness of doing business in NSW	Early implementation can boost competitiveness	Early implementation can boost competitiveness	Early implementation can boost competitiveness
6. Strengthen the NSW skill base	Electric transport manufacturing opportunities in this growth industry	CE technologies as a growth industry	
RETURN QUALITY SERVICES TRANSPORT			
7. Reduce travel times	AVs by their very nature lend themselves to traffic optimisation. Eg Routing, passenger pickup/drop-off, coordination between modes.		SC networks will inform traffic optimisers
8. Grow patronage on public transport by making it a more attractive choice	AVs can be controlled and optimised to improve the Public Transport Attractiveness by increasing interconnectivity especially in the suburbs		SC will be part of making public transport more attractive
9. Improve customer experience with transport services	AVs can be controlled and optimised to improve the Public Transport Experience through increased connectivity.		SC will be part of making public transport a better customer experience
10. Improve road safety	AVs have potential for improved safety		SCs will improve safety
HEALTH			
11. Keep people healthy and out of hospital	AVs have potential for improved safety	Reduced fossil fuel usage, especially in cities can result in better health, ie breathing better air	IoT measuring pollution levels, cctv etc leading to better outcomes
FAMILY & COMMUNITY SERVICES			
13. Better protect the most vulnerable members of our community and break the cycle of disadvantage	AVs give elderly and infirm added independent by giving them another transport option		One of SCs drivers <i>could</i> be to improve the lives of the vulnerable
14. Increase opportunities for people with a disability by providing supports that meet their individual needs and realise their potential	AVs give elderly and infirm added independent by giving them another transport option		One of SCs drivers <i>could</i> be to improve the lives of people with a disability
RENOVATE INFRASTRUCTURE			
19. Invest in critical infrastructure	EVs and AVs will change the infrastructure requirements of NSW. For example, changes in road and parking needs, transfer between modes, etc.	CE will need a change to the grid. Power companies will need to adjust their business model	SC will be data source, and the sensor network will transfer data
20. Build liveable centres		CE reduces the reliance of fossil fuel, thus avoiding the problems of extraction, transport and burning Fossils	All future cities will be smart
STRENGTHEN OUR LOCAL ENVIRONMENT AND COMMUNITIES			
22. Protect our natural environment	EVs make less particle pollution in cities. EVs can use and STORE CE	CE does this	Waste collection better optimised so less pollution

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