

Possible interactions between SFC 2015 and NSW Govt. Departments	Future Transport Shared, Electric, driverless – autonomous vehicles(AV's), bicycles etc,	Clean Energy	Innovation & Emerging Technologies in the Built Environment. SC = Smart City
Transport and Infrastructure <i>critical public infrastructure across NSW for economic and social wellbeing</i>	<ul style="list-style-type: none"> Changes the road and parking infrastructure due to AV deployment Need for charging stations Types of EVs 	<ul style="list-style-type: none"> Light rail in ACT “Capital Metro project to be 100% green energy powered” Opportunity for the Sydney Metro Northwest to also be 100% 	<ul style="list-style-type: none"> Planning for AVs in Smart Cities Integration of AVs and Smart City Infrastructure, physical and IT
Industry, Resources and Energy <i>cost-competitive energy to consumers... growing investment in renewable energy in NSW</i>	<ul style="list-style-type: none"> AV batteries available for electric power storage and return to the grid More demand for electricity to fuel AVs More maintenance on fewer but harder working AVs Less imports of vehicles. 	<ul style="list-style-type: none"> Clean Energy has cost/benefits to energy costs Industrial development from CE deployment <ul style="list-style-type: none"> Design/ Building /Installing / Maintaining / Exporting 	
Planning <i>well-located housing and employment land</i>	<ul style="list-style-type: none"> Changes in human geography due to AV deployment. How will people’s choices of living places and working places be affected? How will retail and commercial precincts change 	<ul style="list-style-type: none"> Clean Energy may need inclusion in planning <ul style="list-style-type: none"> Windfarm planning guidelines 	<ul style="list-style-type: none"> IT requirements of a Smart City Regulations for Smart Cities Cities
Roads, Maritime and Freight <i>people who use roads, harbours and waterways</i>	<ul style="list-style-type: none"> Changes to the number of registrations patterns with fewer harder working AVs Changes in traffic laws? E.g. will it become an offence for a human to drive a car? Whose insurance? 		<ul style="list-style-type: none"> Changes in the information available to RMS Less but busier vehicles when the coming of driverless taxis Interconnectedness of Transport and Cities
Environment <i>to protect and conserve the NSW environment</i>	<ul style="list-style-type: none"> Reduction of air pollution in cities 	<ul style="list-style-type: none"> Clean Energy is good for the environment 	Environmental benefits and challenges of Smart Cities
Health			Clinical telehealth