

## WORKSHOP REMIT

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<b>Presentation topic</b>	<b>Please check the box to identify your topic area:</b>		
	1. Traffic management		<input type="checkbox"/>
	2. Road and roadside design for safety		<input type="checkbox"/>
	3. Meeting needs of principal road user groups		<input checked="" type="checkbox"/>
	4. Integrating transport infrastructure and land-use		<input type="checkbox"/>
	5. The transportation profession		<input type="checkbox"/>
<b>Presentation title</b>	ARTA Cycle Route Network Analysis Tool		
<b>Presentation Remit (100 word maximum)</b>			
<p>This remit describes an innovative approach developed to analyse cycle route network concepts.</p> <p>The remit covers how to use demographic (population, education and employment) data in a GIS environment to identify which network of potential cycle routes will be most effective in increasing the number of cyclists in Auckland.</p> <p>The approach takes into consideration the coherence and directness of routes (linked to demographic coverage) and accidents to determine the preferred network routes concepts. It also looks at the relationship between infrastructure provision and cycling activity, forecasting cycling demand, network planning approaches and a new evaluation mechanism to score cycling concepts and routes.</p> <p>The remit is based on a study undertaken for the Auckland Regional Transport Authority (ARTA).</p>			