

## ABSTRACT SUBMISSION FORM

### Key Author for Correspondence:

<b>First name</b>	Graham	<b>Surname</b>	Norman
<b>Organisation</b>	Jacobs		
<b>Postal address</b>	12-16 Nicholls Lane, Parnell, Auckland		
<b>E-mail Address</b>	Gnorman@globalskm.com		
<b>Phone number</b>	09 9285844	<b>Cell Number</b>	027631539

### 2nd Co-Author:

<b>First name</b>	Nalisha	<b>Surname</b>	Kesha
<b>Organisation</b>	Auckland Transport		

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<b>Presentation title:</b>	Using smart phones for cycle planning
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#### Overview of Presentation

There has been an inherent lack of information available to transport and urban planners when looking at cycle and pedestrian networks in our towns and cities. A mobile app is set to turn cycle planning on its head!

Imagine the power of having access to GPS records of thousands of cycle trips in and around your city. Data showing cycle route choice, travel patterns, delay points, speed and travel time covering much of the New Zealand network.

Strava is a GPS application which logs individual's cycle and run trips. I was created in 2009 and have experienced a rapid growth with some 77 million cycle trips logged to date.

Until recently, the use of Strava data for planning purposes has been minimal. In May 2014 the Oregon Department of Transportation bought a data set from the developers in a revolutionary move to help make decisions about their policies, plans, and projects in the area.

This presentation will look at a real world example of how this data can be a powerful tool for cycle planning, how you can use it on small to large scale projects and explain some of the limitations and privacy issues surrounding the use of this data.