



Curtin University



Faculty of Humanities

2020 Australian Government Research Training Program Scholarships

Strategic Project Profile

PROJECT TITLE: Trackless Trams and Urban Fabric Theory

FIELD OF RESEARCH CODE: 1205

PROJECT SYNOPSIS: Across the world trackless trams are emerging as a major city shaping force. This needs to be better understood in terms of how it can best optimally provide both transport and urban regeneration outcomes. The theory of urban fabrics can be used to see how trackless trams relate to walking, transit and automobile-based urban fabric. This PhD will look at where cities around the world are seeing they can best use a trackless tram and various cities will be chosen as case studies to analyse, including Perth, where significant steps have been taken to answer this question but not analysed with data or a research framework. The first trackless tram is being donated to Perth through Peter Newman at CUSP and the project will include tangible studies of the first route and use in the urban fabric.

FEASIBILITY AND RESOURCING – DESCRIPTION OF THE SUPPORT THIS PROJECT WILL RECEIVE:

This project is part of a fully funded research project within the Sustainable Built Environment Research Centre. The project becomes part of a dedicated research team working with societal and industry partners.

WHAT MINIMAL ATTRIBUTES AND SKILLS EXPECTED BY THE CANDIDATE BE COMPETITIVE: The PhD student should have at least a Masters degree in urban planning, sustainability or equivalent. The PhD will be

by publication and this requires a student who can work in a research team and has excellent writing skills. Good communication skills with industry and society stakeholders is a necessary attribute.

THE SIGNIFICANCE OF THE PROJECT/ PROGRAM FOR THE ENROLLING SCHOOL OR INSTITUTION:

This project is an important contribution to the future of sustainable transport in Perth. The trackless tram trial will receive significant media attention and impact both in Perth and globally and is therefore an important project for CUSP, the School and Humanities.

Students are advised to contact the Project Lead listed below prior to submission of their scholarship application to discuss their suitability to be involved in this strategic project.

PROJECT LEAD CONTACT

NAME: Professor Peter Newman, Faculty of Humanities

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