

My Research Impact

Prof Graham Currie FTSE, Director Public Transport Research Group Director SEPT-GRIP Director Monash Infrastructure Monash University, Australia November 2018







Professor Graham Currie

- Professor of Public Transport (Monash University) since 2003 (Industry Chair)
- Director Public Transport Research Group
- Director Monash Infrastructure
- Chair Light Rail Transit Systems Committee, US Transportation Research Board
- Member Singapore Land Transport Authority Research Advisory Committee
- 2017; Fellow Academy of Technology and Engineering (ATSE)
 - Chair, Infrastructure Forum ATSE

Prior:

- Senior Associate Booz Allen Hamilton/Strategy& Price Waterhouse Coopers
- Manager Victoria; Travers Morgan Pty Ltd
- Network Planner West Midlands Passenger Transport Executive UK
- Network Planner London Transport UK

Key experience

- Transport expert; 35 years experience
- No. 1 Author in public transport research publications (161 journal papers, 271 conference papers)

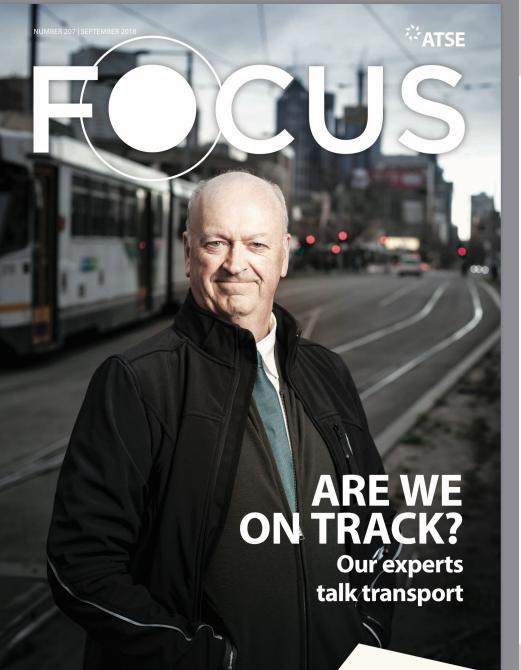












AUSTRALIAN ACADEMY OF TECHNOLOGY AND ENGINEERING











CONNECTING CITIES

PTRG is the name for researchers at Monash University who are engaged in research on public transport systems, users, planning and policy.

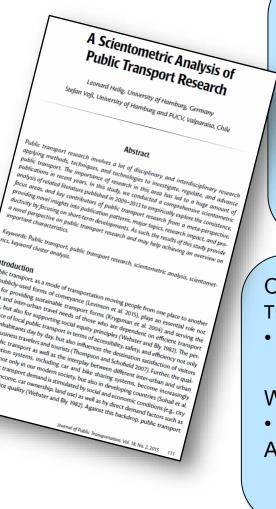












World Review of Public Transport Research (2009-2013) Heilig L and Vos S (2015) 'A Scientometric Analysis of Public Transport Research'

Journal of Public Transportation Vol 18 No 2

Top 3 world Universities in Public Transport Research

- Uni of Toronto, UCal Berkeley, <u>MONASH UNIVERSITY</u> Most Productive Authors (World Ranking)
- PTRG Staff Graham Currie 2nd, Alexa Delbosc 11th
- PTRG Associates Avi Ceder 3rd, John Nelson 10th Most Cited World Authors
- Graham Currie 5th

Other International Awards

TRB Largest Transport Conference in the World (13,000 delegates)

- Best Paper in Public Transport
 - 2012
 - 2017

World Conference on Transport Research

- Best research paper in Transport Policy 2016
 ARRB Transport Research
 - Research Impact Award 2017

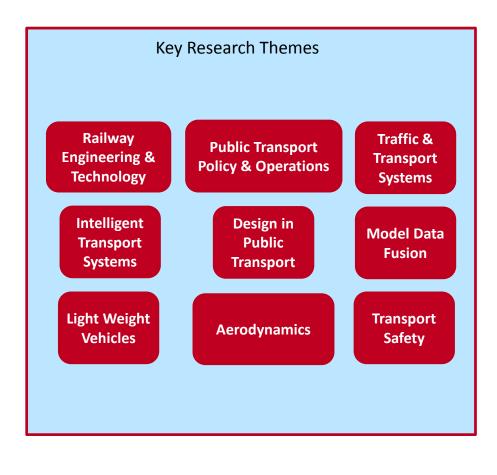






PTRG is part of a wider collaborative framework in transport research across multiple groups/ faculties









Key staff, the associate team & students



Prof Graham Currie Chair of Public Transport



48 Masters Students; most in China

Research Fellow

27 PhD students

students per year

experts





52 Research associates across Monash University (e.g. ITS,

MADA, MUARC), International Universities, and external

10+ final year civil engineering undergraduate research





Research Fellow

Wendy Walker Website Manager



Dr Farhana Naznin **Research Fellow**



Laura McCarthy **Research Fellow**



Dr Kun An Lecturer

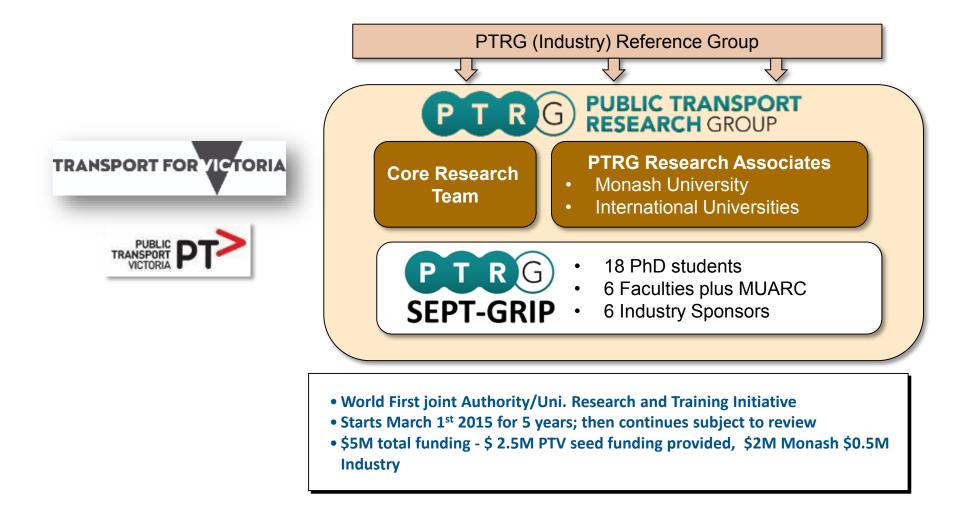








Rebadged in 2015 as the TFV-Monash Public Transport Research Group (PTRG)







Example Projects: Melbourne Metro – Concept Development (City of Melbourne, 2005)



niversity

PTRG special event planning and research







Example Projects: Understanding the Psychology of Fare Evasion Behaviour



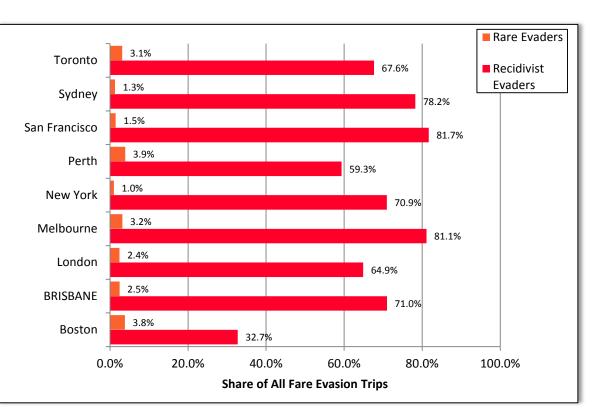




IMPACT – Over \$105mp.a. in savings in Australia ; much larger in overseas cities



IMPACT - Large improvement in revenue protection ~\$105M savings in Melbourne and Sydney since 2015 <u>EVERY YEAR</u>; more reductions internationally



Research Awards:

- 2016 Best Research Paper World Conference on Transport Research
- 2017 ARRB Inaugural Research Impact Award
- 2017 Vice Chancellors Award for Research Impact



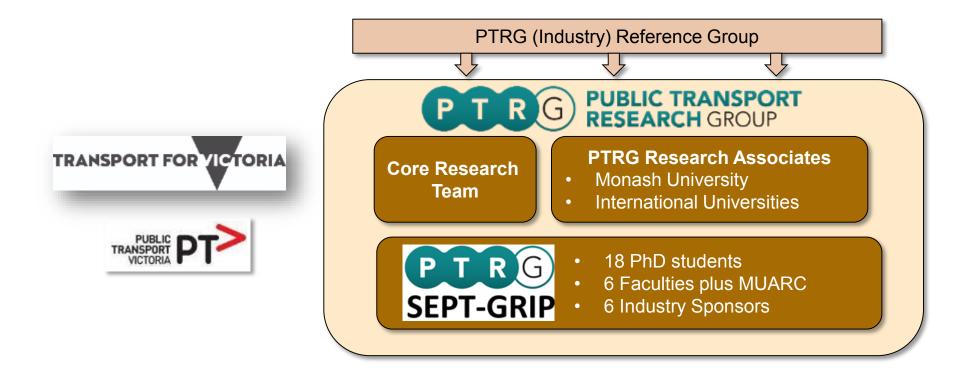
PTRG runs World Transit Research; the global research clearinghouse for public transport research

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SEPT-GRIP is an initiative of the Public Transport Research Group (PTRG) at Monash and TfV/PTV







It has 18 research topics...









...with 6 industry partners...



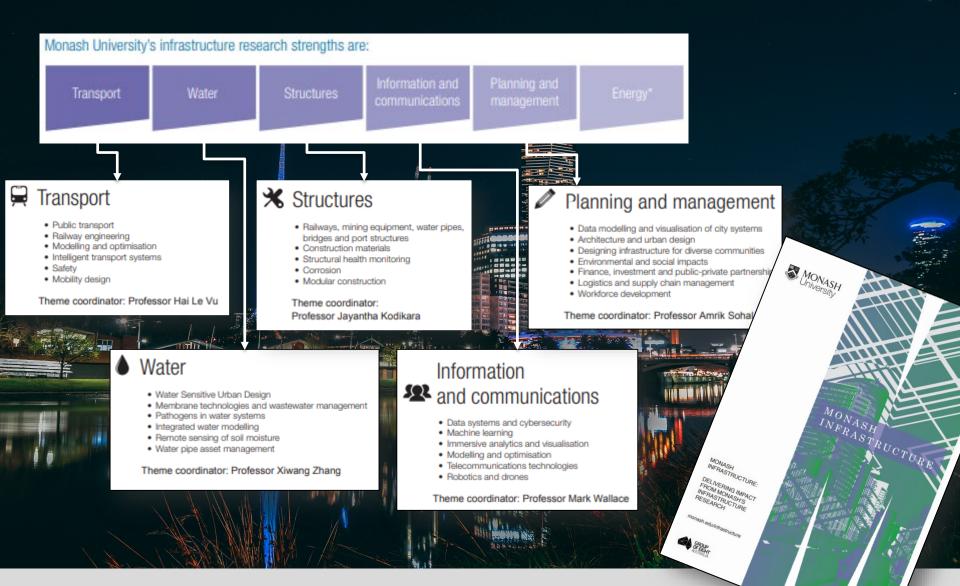




Monash Infrastructure



Monash Infrastructure

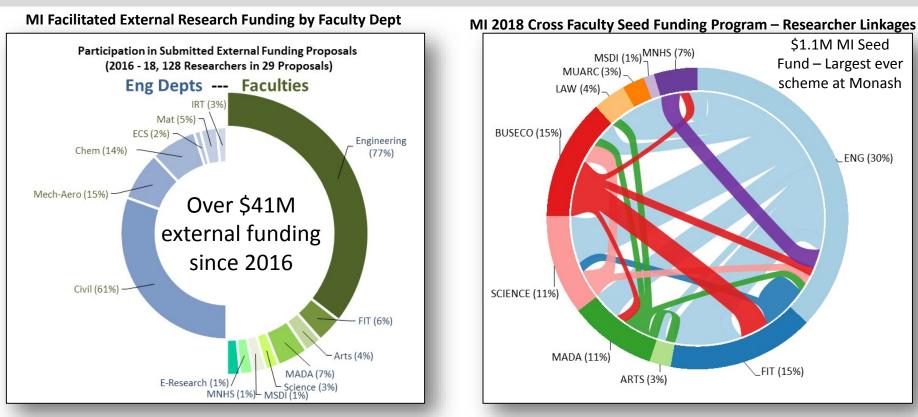




PUBLIC THE RESEARCH GR

PTRG

Impact



New ARC Industry Transformation Research Hubs Facilitated by Monash Infrastructure





Industry Interaction Skills

- Need to chat, meet, discuss, understand
- Clear Comms
- Focus on objectives
- Keep it simple stupid; pictures not words
- Long term engagement in depth
 - Find a trusted partner with longevity
- Attitude:
 - Be collaborative, open and work hard
 - Be considerate; understand the other guy/gals problems
 - Be enthusiastic, positive and solution oriented





- Media
- Social media
 - LinkedIn, Twitter
- Industry conferences
- Public speaking
- Leverage Monash Industry Engagement Staff

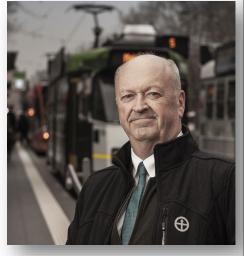




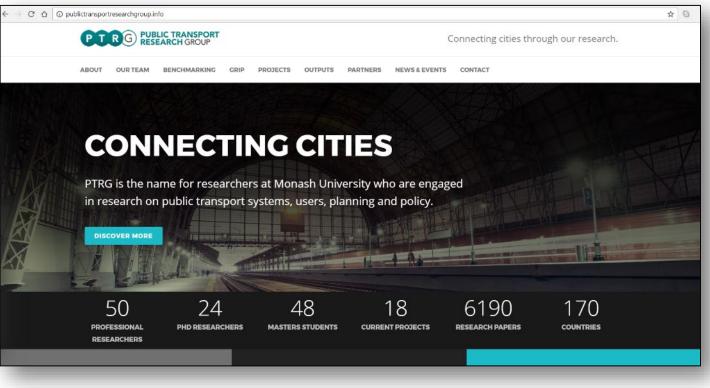
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Director, SEPT-GRIP, PTRG







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