

GAMUT: Welcome and Up-date

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Volvo Centres of Excellence in Future Urban Transport: other centres

- Sustainable Urban Transport Research in Less Motorised Countries: Research and Training.
 - www.iitd.ac.in/tripp/
- Studies on the Simultaneous Interactions between Policy and Technology in Urban Transportation.
 - www.earthinstitute.columbia.edu
- Sustainable Land Use and Transportation Planning for Rapidly Growing Cities.
 - www.earthinstitute.columbia.edu/csud/projects/nairobi_studio.html
- The Global Centre for Mega Projects in Transport and Development.
 - www.bartlett.ucl.ac.uk/research/planning/sct.htm
- China Urban Sustainable Transport Research Center.
 - www.chinasustrans.org/eindex.asp



What is GAMUT?

- A collaborative research centre dedicated to promoting and supporting sustainable urban transport in Australia and the Asia Pacific region.
- GAMUT works with a network of researchers to focus attention on the need for innovative institutional design for integrated transport systems.
- GAMUT is about urban passenger transport.



A Change of Thinking

● From Model 1: Motorized Mobility

- Individual transport and cheap oil
- Problem: congestion of road space
- The primary solution: better roads

● To Model 2: Sustainable Transport

- Seamless public transport, cycling, walking
- Problem: congestion of the air
- Solution: real integration of land use and transport planning



Organization and Governance of GAMUT

- A hub at the University of Melbourne (in the Urban Planning Program),
- Two outlying Australian foci at Curtin University in Perth, and Griffith University in Brisbane, and
- Three Asian foci at Hitotsubashi University, Tokyo, Tongji University, Shanghai and the National University of Singapore.



Contracts and Staffing

- Contracts signed with VREF
- Contracts signed with outlying centres
- In Melbourne we will have:
 - One Project Officer who will provide research assistance over a number of the Melbourne projects,
 - One executive officer who will provide administrative assistance to the directors, and
 - Four or possibly five PhD students working with the Melbourne GAMUTEers on GAMUT themes.





Changes

- GAMUT thanks Angela Munro, who is leaving GAMUT, for effective management assistance, and especially for setting up the program of this workshop and the Community Forum.
- Welcome to Dr Leigh Glover.



The OMEGA Centre

- Based at University College London and led by Prof. Harry Dimitriou.
- Funded as a VREF Centre of Excellence at the same time as GAMUT
- The Centre's project is to conduct a world-wide investigation into the means used to evaluate and decide upon mega urban transport projects.
- Australia is a participant through GAMUT's program.
- Workshop 1 to report progress and to learn about the research method to be used: Jan 22nd to 25th 2007.



Funding and Budget



- VREF funding is for one year at a time.
- We have a GAMUT ongoing budget.
- Points to note:
 - VREF funded 66% of the amount originally requested in Year 1 and 85% of the amount requested in the following years.
 - The University of Melbourne takes 20% of the funds coming to the Melbourne staff for research infrastructure. But GAMUT has also been awarded additional funding by the University: AUS\$459,073
 - The VREF Centre of Excellence at University College London (Global Centre for Mega Projects in Transport and Development - OMEGA) led by Prof. Harry Dimitriou.



Further Funding

- We are looking for additional funds for GAMUT.
- Please let us know about any potential source of funds.



Management

- Board of management and charter of responsibilities.
- GAMUT Executive Committee.
- Accommodation.





Research Outputs

- Progress reports
- Working papers
 - Conference papers
 - Drafts of papers for publication
 - Copy editing available



Communication

- GAMUT Website: www.abp.unimelb.edu.au/gamut/
- Webmaster: Andrew Clarkson of *Raw Solutions*.
- Please tell me what you think of the website.
- Logo and letterhead design: Ian Robertson
- Policy papers
- Press and media
- Conferences and workshops





Education

- Transport and land use planning
- Master of Transport Management
- Intensive courses
- PhD Program
- Visiting scholars





Prof. John Whitelegg

Books:

- *One False Move: A study of childrens' independent mobility.*
- *Traffic Congestion: Is there a way out?*
- *Transport for a Sustainable Future.*
- *Critical Mass: Transport, Environment and Society in the 21st Century.*
- *The Earthscan Reader in World Transport Policy and Practice.*



Additional funding sources

- Local funding channels:
 - Climate Adaptation Science and Policy Initiative (CASPI) at the University of Melbourne.
 - Faculty of Architecture, Building and Planning fund for research clusters.
- Australian State Governments: Commissioned Research.
- International agencies.
- We need your help in devising new research projects for GAMUT which could target new sources of funds.





Research Program

- Commissioned research
 - \$10,000 for a policy paper
- Main research program



Theme 1 (technical-managerial): Research Questions

- What will future constraints imposed by greenhouse policy and oil shortage mean for urban transport?
- If there is to be greater reliance on walking, cycling and public transport, how can these active modes be well connected with the different mechanized modes of public transport – buses, trains, trams and light rail – to deliver a frequent, fast and reliable service, even for cities with dispersed residential and work locations?
- What is the current greenhouse performance of different cities and different modes of transport and how can that performance best be improved?



Theme 2 (political-institutional)

Research Questions

- How do long established ways of understanding the transport problem, and methods of delivery of transport systems and infrastructure, stand in the way of new policies for sustainable transport?
- How might these barriers be overcome in the light of new knowledge of future constraints on transport?
- What new policies, organizations and government institutions will be necessary to deliver urban transport systems that meet the needs of twenty first century cities?



Theme 3 (financial economic)

Research Questions

- What biases and distortions exist in the system of funding to urban transport?
- What are the effects of partnerships between the government and private sector, and has privatization of public transport delivered a fair and effective outcome?
- What new methods and sources of funding for public transport can be found and linked to the value of property created by access to public transport?
- How have mega-transport infrastructure projects been evaluated in the past, and how can this evaluation be improved in the future?





And now...

Any questions?

Presentations from the partners

