

GAMUT Meeting 2007

Report on Modular Urban Land Use and Transport Tool Project (MULUTT)

Jago Dodson and Neil Sipe

Urban Research Program

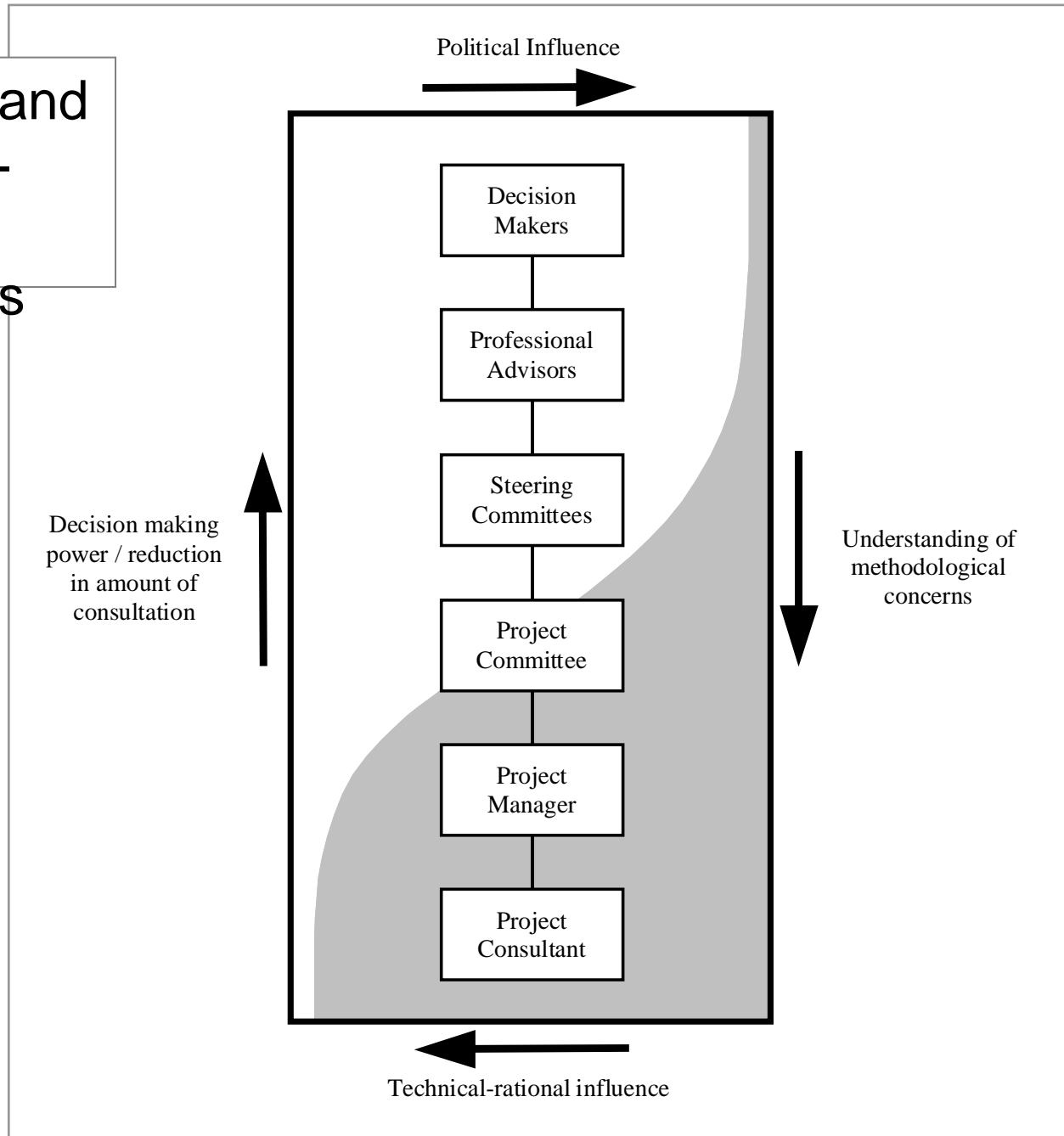


MULUTT

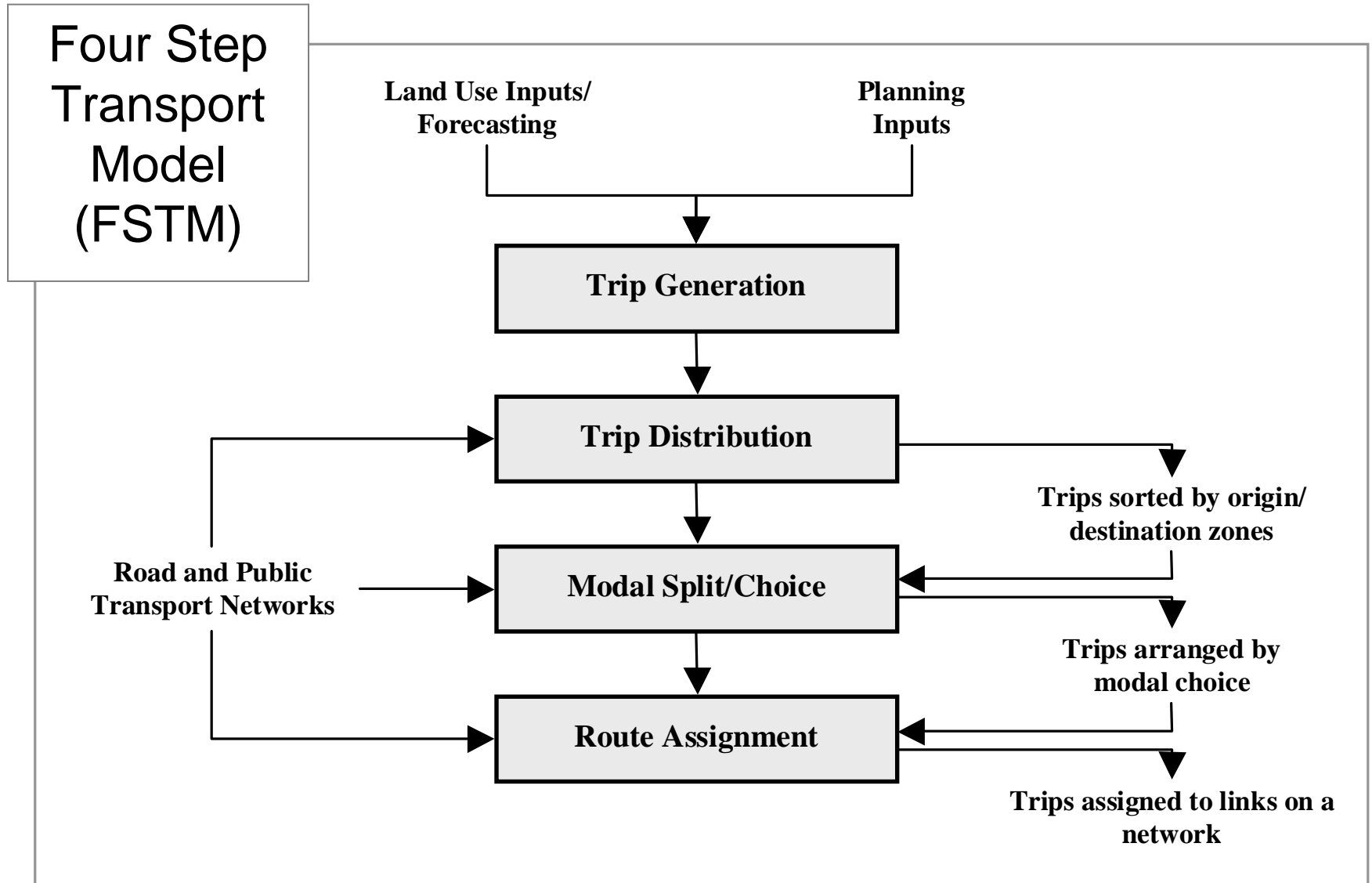
Stream 1 - Institutional basis for transport
technical assessment

Stream 2 - Technical basis for transport
technical assessment

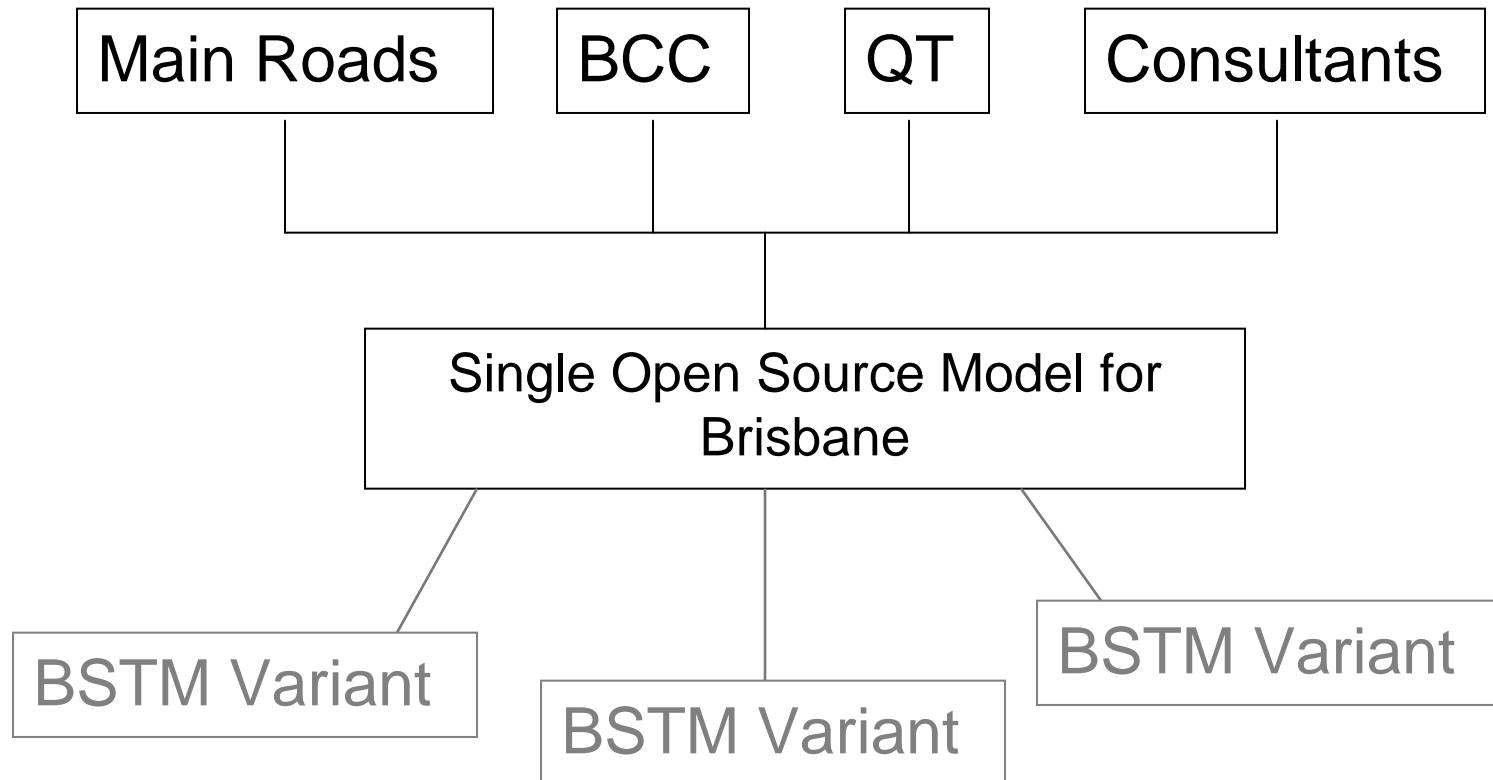
Institutional and Decision-making Processes



Technical and Conceptual Aspects of Transport Technical Assessment



Brisbane Strategic Transportation Model (BSTM)



National Survey of Transport Models

Aim: To document and evaluate current Australian transport technical assessment practice.

Survey Content:

- Brisbane, Sydney, Melbourne, Adelaide, Perth.
- Basic data - model type software package.
- Trip generation data - employment, land-use, travel data.
- Trip distribution methods
- Modal assignment methods
- Route assignment
- Performance of model relative to critical review of FSGM.
- Innovation opportunity and capacity

Linking Research and Practice

Veitch-Lister Consulting - Transport Modellers

- OmniTrans model (formerly 'Zenith')
- Free licence to Griffith GAMUT
- Models for Brisbane, Sydney, Perth
- Covers all modes, including walking/cycling

Research Outputs and Publishing Strategy

- National Conference on the State of Australian Cities - Overview paper
- Forthcoming URP/GAMUT Working Papers
 - Institutional aspects of TTA
 - Technical aspects of TTA
 - TTA in Practice
- Conversion of working papers to peer-reviewed journal articles