

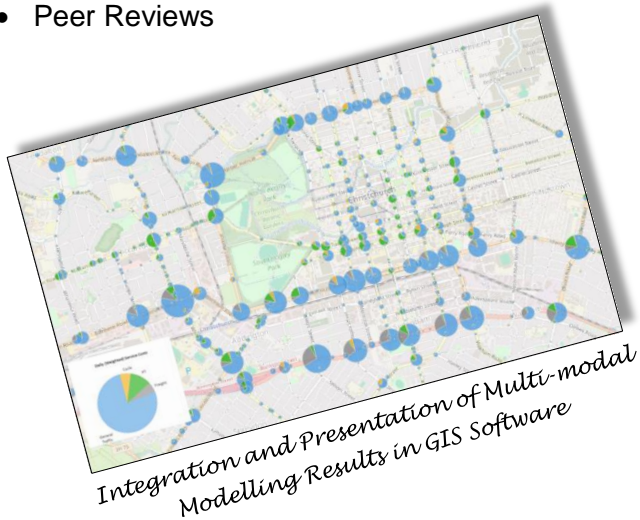
## About QTP

Since its foundation in 2009, QTP has sought to provide the best-quality transport planning advice at a highly competitive rate, thereby providing superb value to our clients.

QTP's three Directors are all Chartered Professional (Civil) Engineers and honours degree qualified, jointly possessing over 70 years' international experience in a wide range of transport planning projects. It is this unique blend of engineering judgement, transport modelling expertise and transport planning experience that provide QTP with the ability to objectively inform transport planning decisions in order to provide the best possible outcomes for clients and communities. QTP specialise in using transport models to inform the transport planning process in an objective manner.

## Our Services

- Transport Strategy development
- Transport Network Planning
- Multi-model Transport Modelling specialists (region-wide to intersection levels)
- Growth Area Transport Master-planning
- Scheme Development and Assessment from Feasibility Design to Detailed Business Case
- Economic Assessment and Multi-criteria Analysis
- Development Control Transport Assessments
- Safety Analysis
- Infrastructure Programming Advice and Optimisation
- GIS Analysis and Information Presentation
- Peer Reviews



## Our Clients

QTP focus on providing advice to government agencies. We also provide transport advice as sub-consultants to larger organisations who seek our specialist skills, particularly in the building of transport models and their application.

## The QTP Difference

QTP do not employ fleets of marketing, management or administration staff. When a client engages us, they receive expert, quality advice in a timely fashion from our highly experienced, focussed and dedicated team, without incurring unnecessary overhead costs.

## QTP Staff

The QTP Directors all have broad experience in Transport Planning, and have applied this to a wide number of projects both internationally and throughout New Zealand. We bring a rounded and forward-thinking approach to transport planning and appraisal. We are passionate about transport planning and believe that objective appraisal assists in identifying the best outcomes for our clients and demonstrating to the wider community the basis of sound decision making.

Each of the three directors has a strong background in transport planning, modelling and multi-criteria evaluation that spans from providing direction to major strategic studies through to design of major motorway interchanges and city-wide rapid transit, bus and cycle schemes. This breadth and depth of experience allows their advice to be soundly grounded in practical and balanced solutions.

**Paul Roberts** has over 31 years' experience in transport planning, gained in both private and public sectors. He worked in the UK for renowned consultancy Ove Arup where he gained international experience on major projects.



On emigrating to New Zealand in 1994 he was employed by Christchurch City Council as their senior transport planner for over 15 years. With wide experience of traffic engineering, transport planning project management, analysis and modelling, he has provided design input to strategic studies and projects of varying size and complexity including many major roading, public transport and cycle infrastructure projects.



**Tim Wright** has worked as a transport planner for over 21 years, providing advice for a host of projects in the UK and New Zealand. Tim led the transport planning team at a UK consultancy under an innovative partnership arrangement with the local authority. During this time and subsequently in positions as Associate at Beca and QTP, Tim has continued to lead transport planning advice for numerous large-scale infrastructure and development projects.

**John Falconer** has over 21 years experience as a transport planner in the UK and New Zealand public and private sectors. He has continued to assist with major transport planning projects both locally and around New Zealand in his subsequent positions as Associate at Beca and QTP. John is expert in the development and application from multi-modal strategic models to micro-simulation models and provides advice to the NZ national Transport Agency as a specialist expert in these areas.



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### Our Tools

QTP have experience in the application of a wide range of modelling software to objectively inform appraisal, including:

- CUBE Voyager (strategic modelling)
- EMME (strategic modelling)
- TRACKS (strategic modelling)
- SATURN (meso-scope simulation modelling)
- S-Paramics (micro-simulation)
- SIDRA (isolated intersection design)
- MapInfo and qGIS (spatial analysis)



*Street-space option development*

### QTP Projects

QTP staff have contributed to hundreds of transport projects varying from regional transport strategies to intersection upgrades. With extensive expertise in modelling, our efficient practice can take on the largest of studies. Limited examples of recent projects are:

- External advisor for the Christchurch Transport Strategic Plan
- Post-Canterbury Earthquake land-use and strategic model travel demand forecasting
- Development of a detailed simulation model (CAST) for Christchurch and hinterland
- Central City Recovery Plan modelling
- City-wide crash prediction modelling tools
- Development of city-wide cycle models
- Preferred provider for transport planning and modelling advice to City Council.
- Transport advice for major business, residential and mixed-use development areas

### Contact Us

Please see our contact details in the header above or visit [www.qtp.co.nz](http://www.qtp.co.nz)