

PROJECT SHEET

TRAVEL DEMAND FORECASTING



BACKGROUND

Travel is a derived demand: it is the product of land uses and the separation between them.

Travel demand forecasting is a key aspect of transport planning. It allows us to predict the level of usage of a particular piece of transport infrastructure, either existing or new, now or in the future.

Increasingly, it is being used to guide transport policy development by State and Local Government, in such areas as:

- urban freight planning and management
- environmental impact assessment
- emissions modelling
- congestion charging and road pricing

The state of the art in travel demand forecasting is continuously evolving, with new tools, theory and approaches providing an increasingly wider choice to the practitioner.

CAPABILITIES

PTT has proven expertise in the areas of travel demand forecasting and modelling for both private and public sector clients.

The firm has experience with all modes, having developed models of pedestrian, ferry, freight and private vehicle travel.

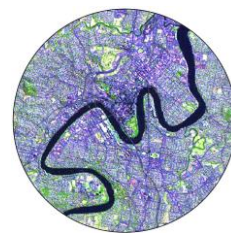
We have developed small scale models to assist in the road hierarchy planning of residential estates and large city-wide models to forecast motor vehicle emissions and the impacts of major new transport infrastructure.

SIGNATURE PROJECTS



Centenary Motorway Area Transport Strategy, Main Roads (2011)

SEQ Motor Vehicle Emissions Inventory, EPA (2000)



Brisbane to Cairns Corridor AUSLINK Review, Main Roads (2006)

Cooloola Priority Infrastructure Plan (2011)



Brisbane Airport Strategic Master Plan, BAACL (2008)

Sherwood-Yeerongpilly Freight Study, Brisbane City Council (2008)



Coomera Town Centre Traffic Forecasts, MR Cagney (2011)