



TRANSPORT ADVISORY

TRAFFIC ENGINEERING

TRANSPORT PLANNING

TRANSPORT MODELLING

TRAFFIC MANAGEMENT

CIVIL INFRASTRUCTURE

PUBLIC TRANSPORT

ACTIVE TRAVEL

ROAD SAFETY

PARKING

Contact us to find out how we can assist you with these services:

✉ solutions@point8.com.au

☎ 07 3040 9998

WE CAN PROVIDE:

- Intersection and corridor microsimulation (*SIDRA/AIMSUN/VISSIM*)
- Strategic modelling (*EMME/AIMSUN/VISSUM/SATURN*)
- Demand forecasting for active transport (*VISWALK/LEGION*)
- Scenario development for policy and project evaluation
- Model validation and calibration
- Peer reviews
- Visualisation of model outputs for stakeholder communication
- Sensitivity and risk analysis

Transport Modelling involves the analysis and forecasting of the performance of transport systems. It involves the development of mathematical and software models to predict and simulate the movement of people and goods across networks. Transport Models come in a wide variety of sizes and types and are used to evaluate the impacts of policies, projects, and changes in demand to support decision-making and development of solutions.

EXPERIENCE

Point8 has extensive experience delivering transport modelling solutions that support infrastructure planning, policy development, and operational improvements. We understand that accurate modelling requires detailed knowledge of transport networks, land use, traveller behaviour, and emerging technologies. Our team is able to develop models in a range of software packages that suit specific project needs, ranging from local intersections to city-wide networks. We collaborate with clients to ensure our models are aligned with project objectives and stakeholder expectations, delivering reliable and actionable results.

Point8 provides transport modelling services across a range of applications, including:

- Strategic transport modelling
- Multi-modal transport analysis
- Traffic simulation and microsimulation
- Intersection and corridor performance analysis
- Scenario testing and sensitivity analysis
- Transport data analysis and visualisation
- Active transport modelling

Our typical modelling projects include government planning and community focused land use projects such as:

- Urban transport networks
- New and upgraded infrastructure projects
- Land-use development and precinct planning
- Event and demand management planning
- Freight and logistics networks
- Multi-modal interchanges
- Public transport systems
- Airports