The Visualisation of the Public Transport System of Sydney

Sian Elliott and Dr Samsung Lim

Australia

FIG 2010 International Conference
Sydney, Australia

THE UNIVERSITY OF NEW SOUTH WALES
SYDNEY · 2052 · AUSTRALIA

Background Information

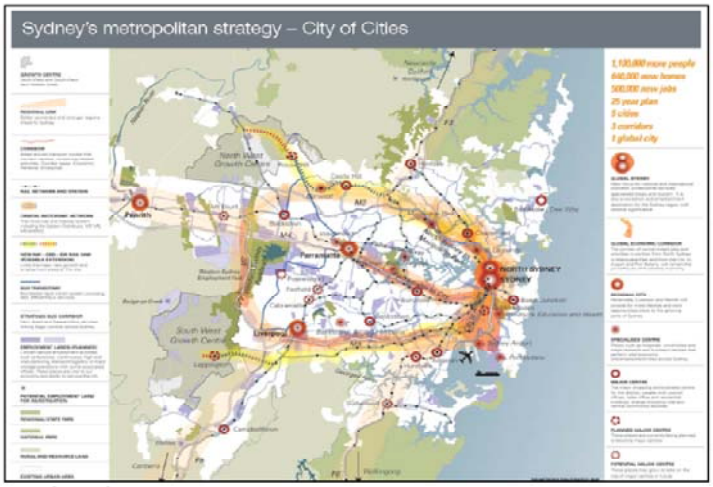

FIG 2010 International Conference
Sydney, Australia

THE UNIVERSITY OF NEW SOUTH WALES
SYDNEY · 2052 · AUSTRALIA

Data

- Data received from Ministry of Transport
- Data consists of a typical Tuesday covering a 24 hour period
- Data includes:
  - Stop Number and Route Name
  - Stop Time
  - Stop Location
  - Transit Provider
- Data consists of 1.3 million points

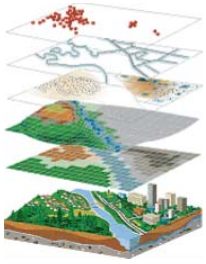

FIG 2010 International Conference
Sydney, Australia

THE UNIVERSITY OF NEW SOUTH WALES
SYDNEY · 2052 · AUSTRALIA

Results

FIG 2010 International Conference
Sydney, Australia

THE UNIVERSITY OF NEW SOUTH WALES
SYDNEY · 2052 · AUSTRALIA

Concluding Remarks

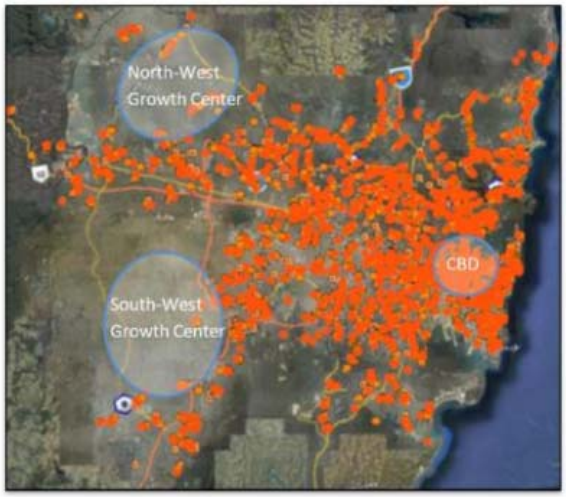

FIG 2010 International Conference
Sydney, Australia

THE UNIVERSITY OF NEW SOUTH WALES
SYDNEY · 2052 · AUSTRALIA