

## Australia: Graham Currie

### *How will the data and modelling landscape in your country change over the next five years?*

Responses (No. of expert responses):

- **More/Simpler Scenario Based Modelling (3)**
- **Need More Household Travel Data (3)**
- **Big Data will be over-hyped, over-priced and under-delivered (2)**
- **More AI/Machine Learning as Modeling Tools (2)**
- **More Activity Based Modelling (2)**
- **More Data Driven Agent Based Modelling (2)**
- **More Multimodal (PT, Walk) models including MaaS (2)**
  - Include Battery Electric Cars (1)
  - Include Work From Home (1)
  - Less PEAK modelling, more off peak modelling (1)
  - Modelling wider economic outcomes (accessibility, opportunity, well-being, environmental) (1)
- Need Longitudinal Data (1)
- Need more data quality (1)
- Need more model validation guidelines (1)
- Need more rural demand modelling (1)
- Update COVID changed behavior inputs (1)
- 'Vision & Validate' replaces 'Predict & Provide' models (1)



**Australian  
Modelling  
Expert  
Survey;  
asked 9; got 9  
responses<sup>1</sup>**

<sup>1</sup>Prof David Hensher (Uni Sydney), Daniel Veryard (VLC), Bob Nairn (Bob Nairn Assoc), Steve Piortrowski (SMEC Consulting), Prof Hai Vu (Monash Uni), Fotios Spiradonos (ex Modelling Head, Vic), Lindsay Oxlad (Modelling Guru), Simon Payne (SRP Transport), Nick Vitich (VLC)