

Roundtable on Energy & Transport

The presentation by Basil Sharp, Chair in Supply Chain Management provided a stimulating starting point for discussion. Unfortunately Basil was unable to join the roundtable which was attended by eleven representatives from business and academia. The session was facilitated by Paul Cunningham, Manager, Strategic Donor relations at the Business School.

In summary there was genuine interest in Basil's presentation and the research he and his team are undertaking. The majority of the roundtable discussion saw attendees highlight areas where they would welcome more research to be undertaken in the fields of energy and transport. Based on these discussions it was apparent that there is demand for further research and possible opportunities for Basil and his colleagues in the Energy Centre.

Key areas attendees would like to see further research undertaken include.

Risks and Opportunities in transitioning to a low carbon model

- Westpac has over \$1.3bn of lending to clean-tech sector. Some questions have emerged:
 - How risks and opportunities shift
 - The potential for economic modelling
 - The impact of the agriculture sector on emissions

Economic impact of the physical impact of climate change

- Impact of climate change on infrastructure.
- Feels there is a missing piece on the economic impact of climate change. Even issues such as the potential impact of pests resulting from climate change need to be better understood.
- Important issue for banks – they have long term exposure to these risks.
- Asked to be connected with Basil. Paul to follow-up.

Research in the transport sector

- Huge body of research required in the transport sector.
- Companies need help to introduce EV – research could support this.
- Nick from City Rail Link supported this – transport is a key issue for Auckland and electrification of the transport fleet is great opportunity, especially when NZ has 80% renewable energy.
- Getting electric vehicles into the country at a decent price was also flagged as a key issue.

Pricing legacy lines

- How do you price legacy infrastructure and the returns on sunk assets?
- Impact on low income areas. Will they be left footing the bill should wealthier households go off-grid? Need some independent academic rigour around this issue.
- David also flagged that further independent research was required around agriculture's footprint. Too much current research is undertaken by groups with a vested interest.