Panel discussion: Research priorities for TKHE-EG /CASANZ TSIG for 2019

Below table provides a summary of key points discussed.

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<tr>
<th>Panel member</th>
<th>‘Top’ research priorities for transport emissions 2019</th>
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| Ian Longley, NIWA    | Priority should be on solutions -outcome based research. Look at the benefits of solutions/interventions.  
A new HAPINZ which better captures transport emissions and strategic air quality monitoring network to support this.  
Land use planning and transport integration -urban design/network design. |
| Janet Petersen, NZTA | Land use planning and transport -tools to help make decisions on interventions.  
Health impacts assessment (new HAPINZ) -appropriately valuing impacts in decision making.                                                                                                   |
| Paul Boulter, ERM    | Moving towards solutions -encouraging uptake of EVs.  
Non-exhaust particulates are of increasing importance (should be higher priority).                                                                                                       |
| Drew Bingham, MfE    | In relation to environmental reporting: understanding impacts from transport emissions. NO2 health and social impacts (New HAPINZ). Gaps in monitoring.                                                                                                    |
| Iain McGlinchy, MoT  | All identified priorities are important. In particular: new HAPINZ, land use planning (e.g. bus corridors), heavy vehicles emissions in NZ (e.g. further work around retrofit).                                                                      |
| Floor discussion     | Land use planning -influencing planning at local level, location of residential development/ urban intensification, urban design -walking and cycling, healthy lifestyles.  
Health impacts -New HAPINZ needed  
National planning standards  
Outcomes focus -EV incentives, low emission buses  
Heavy vehicles. Rail freight – more efficient transfer (hubs). Communicating value of rail.  
Indoor air quality -criteria needed around this, especially for schools and early learning centres. |