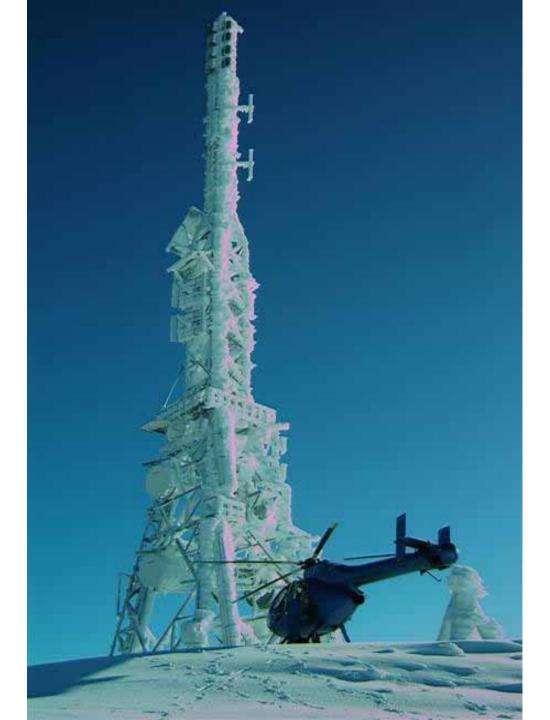


Update on Infrastructure Resilience Planning at National Level

Dave Brunsdon

National Engineering Lifelines Co-ordinator

db@kestrel.co.nz





Addressing the 3 Aspects of Infrastructure Resilience

- 1. Robust physical assets with key network routes having appropriate redundancy
 - Addressing resilience as a part of the development and renewal of infrastructure



Addressing the 3 Aspects of Infrastructure Resilience

- 2. Effective co-ordination arrangements (pre- and post-event)
 - Lifeline utilities don't really understand CDEM arrangements
 - Having common mapping platforms is vital



Addressing the 3 Aspects of Infrastructure Resilience

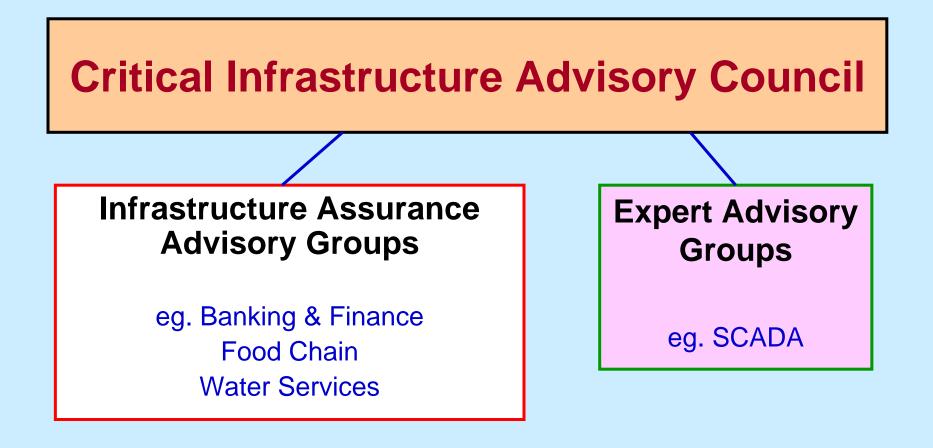
- 3. Realistic end-user expectations and appropriate measures of backup arrangements
 - Needs common messages issued by independent agency



Infrastructure Resilience at National Level NELC Key Messages 2008

- Resilience needs to be addressed as a part of the development and renewal of infrastructure
- A national layer of leadership and commitment on infrastructure resilience is now essential if progress is to be made

Australia: Trusted Information Sharing Network





Infrastructure Resilience at National Level Central Government Activities



Infrastructure Resilience at National Level **NELC Activities**

- Letter to the Ministers for Infrastructure
- Meeting with head of the new National Infrastructure Unit (within Treasury)
- Briefing given to members of the National Infrastructure Advisory Board
- Submission made on NIU document Infrastructure: Facts and Issues



Infrastructure Facts and Issues **NELC Key Points**

- The National Infrastructure Plan should include resilience as a decision-making principle for infrastructure investment
 - Will a project increase regional or national resilience through (for eg.) route diversity?
 - Will it provide opportunities for other providers to increase the resilience of their network?



Infrastructure Resilience Planning at National Level

- Next steps uncertain
- A long game . . .