

Improving the framework for infrastructure corridor management

Jim Donovan
independent chair, NZ Utilities Advisory Group

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Network infrastructure ecosystem

Government Agencies/Entities

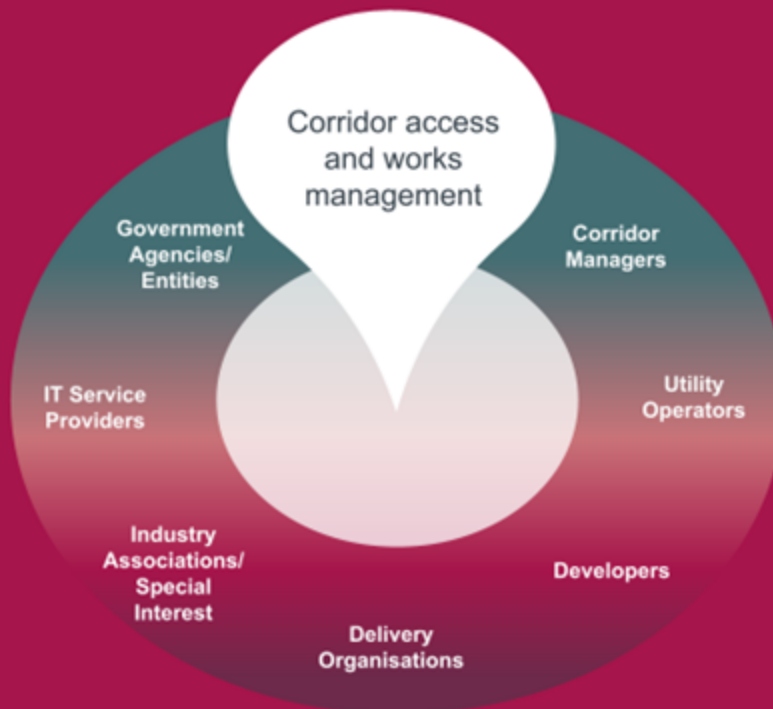
- Te Waihangā
- MBIE
- MFE
- Commerce Commission
- Ministry of Transport
- Treasury
- WorkSafe
- ACC
- LINZ

IT Service Providers

- Corridor Access Request Management/workflow
- Underground asset information
- Asset management
- Coordination management
- Worksite management

Industry Associations/Special Interest Groups

- NZUAG
- Roading Excellence Group (REG)
- Lifelines Groups
- CCNZ
- RCA forum
- Gas NZ
- ENA
- EEA
- TCF
- NULCA
- Water NZ
- ACENZ
- Āpōpō
- Taituarā



Corridor Managers

- NZTA
- KiwiRail
- Local Authorities x 67

Utility Operators

- Electricity – 29 lines companies
- Gas – 4 companies
- Telecommunications - > 20 organisations
- 3 Waters – currently 67 reducing to 42

Developers

- Private sector
- Public sector
- Community/Not for Profit sector

Delivery Organisations

- Contractors
- Designers
- Utility locators

Broader community: Road users, businesses, residents, taxpayers, ratepayers, utility customers

Not an IT problem



Costs under the status quo

ASSET STRIKES

6,000

Strikes per annum pa

\$1.45bn pa

Indirect cost to NZ pa

\$50m

Direct cost to sector pa

DELAYS unknown assets

40-50%

Of projects

Significant

Indirect cost to NZ

\$7m-\$92m

Direct cost to sector pa

WORK to gather utility plans

150k

Projects pa (CARs)

9 hours

per project

\$165m

Direct cost to sector pa

\$15bn

forecast annual expenditure impacted by the transport/utility interface

Levers and how far to push them



Recommendations

★ Centrally-led, strengthened stewardship and regulatory model Led by MCERT



What needs to be done

Ministerial intent and startup budget ✓

MCERT leadership and team

Stewardship and funding framework (cf. REG)

Regulatory framework

Works planning and management framework

Information systems framework

Technical framework

Consolidation



Infrastructure Corridor Manager

Coordinator

Architect

Strategist



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Questions and comments