

NATIONAL EMERGENCY MANAGEMENT AGENCY (NEMA) PRESENTATION

SECURITY AND RELIABILITY COUNCIL

This paper introduces a presentation from the National Emergency Management Agency (NEMA) on their emergency management role, the role of lifeline utilities and sector coordinating entities, and interdependencies across the emergency management chain.

Note: This paper has been prepared for the purpose of the Security and Reliability Council (SRC). Content should not be interpreted as representing the views or policy of the Electricity Authority.

National Emergency Management

- 1.1.1 As part of its theme of emergency preparedness, the SRC has sought input from agencies responsible for various aspects of emergency planning, preparation and action.
- 1.1.2 The aim of these papers and discussion is to:
- a) assist the SRC to provide advice about the emergency preparedness of the sector and potential impacts of disruption on the longer-term outlook for security and reliability
 - b) ensure the SRC receives relevant information from and about the sector to increase its overall knowledge of the sector and support its advice to the Authority
 - c) give the SRC the opportunity to give feedback to the Authority on emergency-related initiatives and their application to security and reliability in the electricity industry
 - d) give the SRC the opportunity to hear from and ask questions of emergency management agencies and other in the sector relevant to the SRC's purpose
- 1.1.3 The National Emergency Management Agency (NEMA) is responsible for leadership and stewardship of the emergency management system. It is also lead agency for natural hazard and infrastructure emergency response.
- 1.1.4 This presentation from NEMA covers expectations from the sector, how the coordination and arrangements work and provides an update on the proposed legislative changes to the Civil Defence Emergency Management (CDEM) Act.
- 1.1.5 To inform the presentation and discussion of this item, the NEMA representative has the following observations for the SRC to consider:

Regulatory reports program:

- 1.1.6 There have already been two rounds of consultation on this piece of work and a further opportunity during select committee process later in the year. There is work ongoing as part of the CDEM Plan review and on developing guidance to various proposals and establishing reporting arrangements.

Sector resilience and emergency preparedness:

- 1.1.7 NEMA does not have a comprehensive overview of sector preparation and resilience. NEMA is the custodian of the CDEM Act but does not have the tools to evaluate sector resilience

NEMA Questions:

- 1.1.8 NEMA also has the following questions for the SRC to consider:
- a) Does the SRC have any thoughts on how NEMA can get visibility of resilience in the sector to known hazards?
 - b) Is there a role for SRC support in developing monitoring and evaluation measures to identify capability and capacity of entities to meet their obligations under the CDEM Act? (also a consideration under the reforms program)

- c) Is there a role for the SRC to support NEMA in understanding gaps in resilience and future investment planning based on these?
- d) What role does SRC see it can play in the ongoing reform program?
- e) Would the SRC like to engage in developing supporting guidance and implementation/transition plans?

1.1.9 **Note:** The NEMA representative has animated slides 4-9, and 11 and will highlight the critical areas of the legislation. In the printed pack the slide shows the full text, without the animation. For pre-reading purposes, it is therefore not necessary for members to review the full content of those slides.

Questions for the SRC to consider

The SRC is asked to consider the following general questions.

- Q1. What further information, if any, does the SRC wish to have provided to it by the secretariat?
- Q2. What advice, if any, does the SRC wish to provide to the Authority?

Appendix A: Presentation from NEMA

Security and Reliability Council

2 March 2022



**National Emergency
Management Agency**
Te Rākau Whakamarumarū

Ajay Makhija – Team Leader, Infrastructure Resilience

Today

- NEMA overview
- CDEM context
- Lifeline Utilities sectors
- Structure across 4Rs of EM
- Regulatory Reforms overview

NEMA Role

- Leadership & Stewardship of Emergency Management System
- Lead agency for Natural Hazard and Infrastructure emergency response
- Support Agency for all other hazards
- Warnings Earthquakes & Tsunami
- Emergency Mobile Alert (EMA)
- National Crisis Management Centre (NCCMC)

CDEM Context

R
as at 1



National Civil

Civil Defence Emerger

Public Act
Date of assent
Commencement

C

- 1 Title
- 2 Commencement

I Prelimin:

- 3 Purpose
- 4 Interpretation
- 4A Transitional, savings, and relat
- 5 Act to bind the Crown
- 6 Act not to affect functions, duti
- 7 general law
- 7 Precautionary approach

I Appointment, functions, an civil defence em

Director of Civil Defen

- 8 Appointment and functions of l
- Emergency Management

Note

Changes authorised by subpart 2 of Part 2 of the Le
Note 4 at the end of this reprint provides a list of the
This Act is administered by the Ministry of Civil

His
Pursuant to sections 39
2002, His Excellency t

- (a) on the advice an
- (b) on the recomme
- pliance with sec

- 1 Title
- 2 Commencement
- 3 National civil
- 4 Publication in
- 5 Revocation

Note

Changes authorised by subpa
Note 4 at the end of this reperi
This order is administered l

The Guide to the National Civil Emergency M

Lifeline Utilities and CDEM

Director's Guideline for Lifeline Utilities and Civil
Defence Emergency Management Groups [DGL 16/14]



Resilient New Zealand
Aotearoa Manahau

New Zealand Government

New Zealand

CDEM Context

Schedule 1 Civil Defence Emergency Management Act 2002 Reprinted as at 1 June 2018

Schedule 1 Lifeline utilities

s 4

Part A Specific entities

- 1 Radio New Zealand Limited and Television New Zealand Limited.
- 2 The company (as defined in section 2 of the Auckland Airport Act 1987) that operates Auckland international airport.
- 3 The company (as defined in section 2 of the Wellington Airport Act 1990) that operates Wellington international airport.
- 4 The airport company (as defined in section 2 of the Airport Authorities Act 1966) that operates Christchurch international airport.
- 5 The entity (being an airport authority as defined in section 2 of the Airport Authorities Act 1966, whether or not it is also an airport company as defined in that section) that operates the primary airport at Bay of Islands, Blenheim, Dunedin, Gisborne, Hamilton, Hokitika, Invercargill, Napier, Nelson, New Plymouth, Palmerston North, Queenstown, Rotorua, Tauranga, Wanganui, Westport, Whakatane, or Whangarei.
- 6 The port company (as defined in section 2(1) of the Port Companies Act 1988) that carries out port-related commercial activities at Auckland, Bluff, Port Chalmers, Gisborne, Lyttelton, Napier, Nelson, Picton, Port Taranaki, Tauranga, Timaru, Wellington, Westport, or Whangarei.
Schedule 1 Part A clause 6: amended, on 25 March 2012, by section 10 of the Civil Defence Emergency Management Amendment Act 2012 (2012 No 6).
- 7 The Grey District Council, acting as the Greymouth harbour authority and owner and operator of the Port of Greymouth under Parts 4 and 6 of the Local Government (West Coast Region) Reorganisation Order 1989, Part 39A of the Local Government Act 1974, and section 16 of the Local Government Amendment Act (No 2) 1999.

Part B Entities carrying on certain businesses

- 1 An entity that produces, supplies, or distributes manufactured gas or natural gas (whether it is supplied or distributed through a network or in bottles of more than 20 kg of gas).

Reprinted as at 1 June 2018 Civil Defence Emergency Management Act 2002 Schedule 1

- 2 An entity that generates electricity for distribution through a network or distributes electricity through a network.
- 3 An entity that supplies or distributes water to the inhabitants of a city, district, or other place.
- 4 An entity that provides a waste water or sewerage network or that disposes of sewage or storm water.
- 5 An entity that provides a telecommunications network (within the meaning of the Telecommunications Act 1987).
- 6 An entity that provides a road network (including State highways).
- 7 An entity that produces, processes, or distributes to retail outlets and bulk customers any petroleum products used as an energy source or an essential lubricant or additive for motors for machinery.
- 8 An entity that provides a rail network or service.

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Lifeline Utilities Obligations

Part 3 s 59 Civil Defence Emergency Management Act 2002 Reprinted as at 1 June 2018

- (a) ensure that it is able to function to the fullest possible extent, even though this may be at a reduced level, during and after an emergency;
- (b) make available to the Director in writing, on request, its plan for functioning during and after an emergency.

Compare: 1983 No 46 s 43

59 Departments and others to undertake civil defence emergency management functions and responsibilities

Every department, Civil Defence Emergency Management Group, local authority, emergency service, and lifeline utility, and any other person required by this Act or any regulations made under this Act, or any civil defence emergency management plan, to undertake civil defence emergency management or to perform any functions or duties, must take all necessary steps to undertake civil defence emergency management or to perform those functions and duties.

Compare: 1983 No 46 s 44

Duties of lifeline utilities

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Every lifeline utility must—

- (a) ensure that it is able to function to the fullest possible extent, even though this may be at a reduced level, during and after an emergency;
- (b) make available to the Director in writing, on request, its plan for functioning during and after an emergency;
- (c) participate in the development of the national civil defence emergency management strategy and civil defence emergency management plans;
- (d) provide, free of charge, any technical advice to any Civil Defence Emergency Management Group or the Director that may be reasonably required by that Group or the Director;
- (e) ensure that any information that is disclosed to the lifeline utility is used by the lifeline utility, or disclosed to another person, only for the purposes of this Act.

61 Schedule 1 may be amended by Order in Council

- (1) The Governor-General may, by Order in Council made on the recommendation of the Minister,—
 - (a) add the name of an entity or description of an entity to Part A of Schedule 1; or
 - (b) omit the name of an entity or description of an entity from Part A of Schedule 1; or
 - (c) amend the name of an entity or the description of an entity in Part A of Schedule 1; or

Reprinted as at 14 July 2017 National Civil Defence Emergency Management Plan Order 2015 Schedule

ations by the New Zealand Defence Force and provide updates on the progress of any tasks that the New Zealand Defence Force is conducting in the respective areas or levels; however, the liaison officers are not authorised to accept tasks); and

- (b) can utilise certain forces assigned at short notice to support emergencies (forces are held ready for response at the regional and national levels and include land, air, and sea assets as necessary); and
 - (c) will co-ordinate New Zealand Defence Force assets at either the local level (ECC) or national level (the NCMC), depending on the type and scale of the emergency and the mode of operation of the NCMC.
- (2) Requests for the support of the New Zealand Defence Force beyond local levels of commitment must be made by the CDEM Groups through the National Controller.

Lifeline utilities

57 Introduction

- (1) Lifeline utilities, as described in the Act, provide essential and enabling infrastructure and services that support commercial and domestic activity.
- (2) Lifeline utilities deliver services (for example, water supply, wastewater and stormwater collection, electricity, gas, and petroleum distribution, telecommunications, broadcasting, and transportation networks, including roads, railways, airports, and ports).
- (3) Lifeline utilities have duties under section 60 of the Act.

58 Objective

The main duty of lifeline utilities during and after an emergency is to be able to deliver the services they normally provide to the fullest possible extent (even though this may be at a reduced level).

59 Principles

The principles underlying the role of lifeline utilities are to—

- (a) identify and understand the full range of hazards and risks and implement reduction strategies; and
- (b) prioritise the continuity of operations and supply of services in accordance with response priorities set by the Local Controller, Group Controller, or National Controller (even though this may be at a reduced level); and
- (c) plan co-operatively with local authorities, CDEM Groups, emergency services, and other lifeline utilities; and

Lifeline Utilities Obligations

Part 3 s 59 Civil Defence Emergency Management Act 2002 Reprinted as at 1 June 2018

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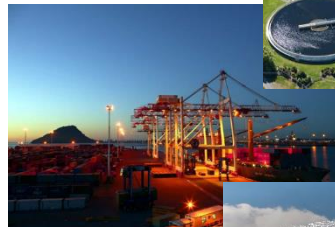
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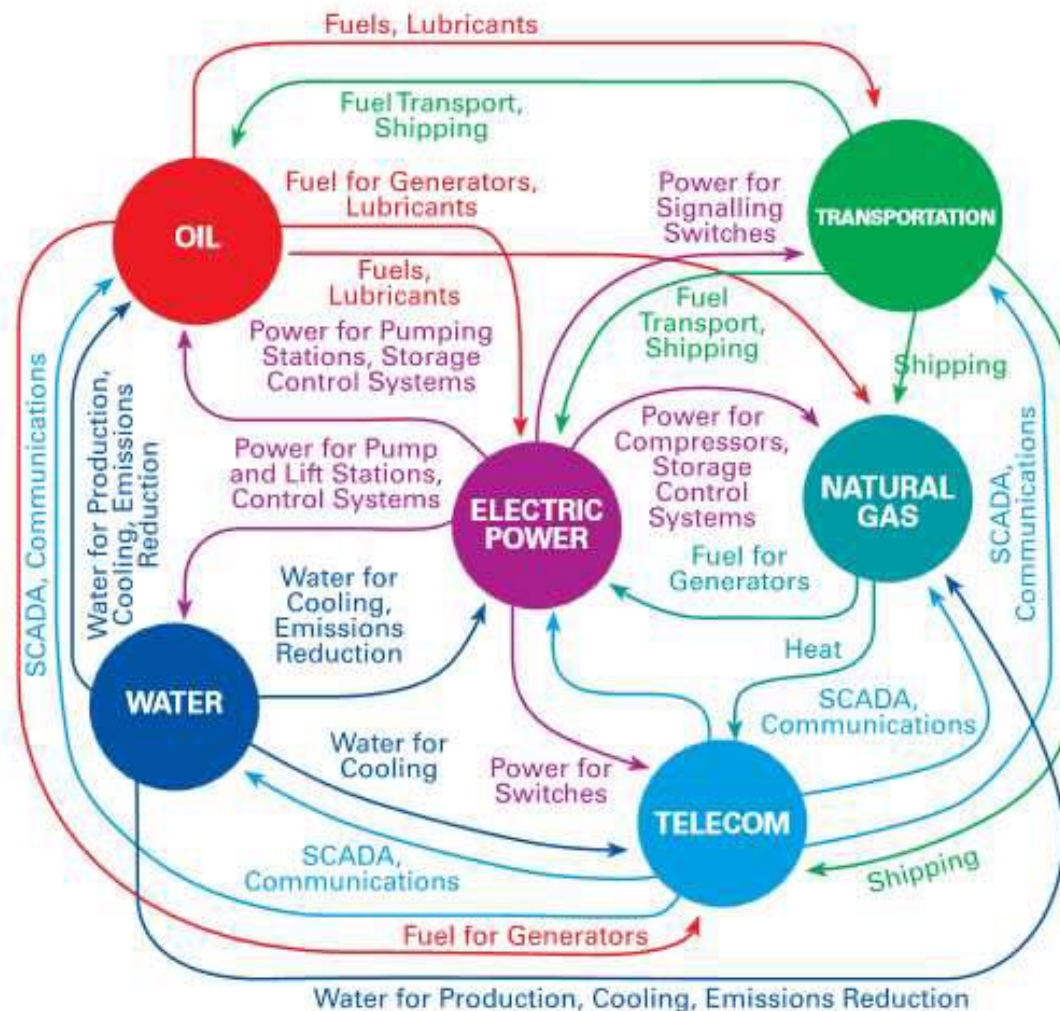
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Lifeline Utilities sectors

- Energy
- Transport
- Water
- Telecommunications
- Broadcasting



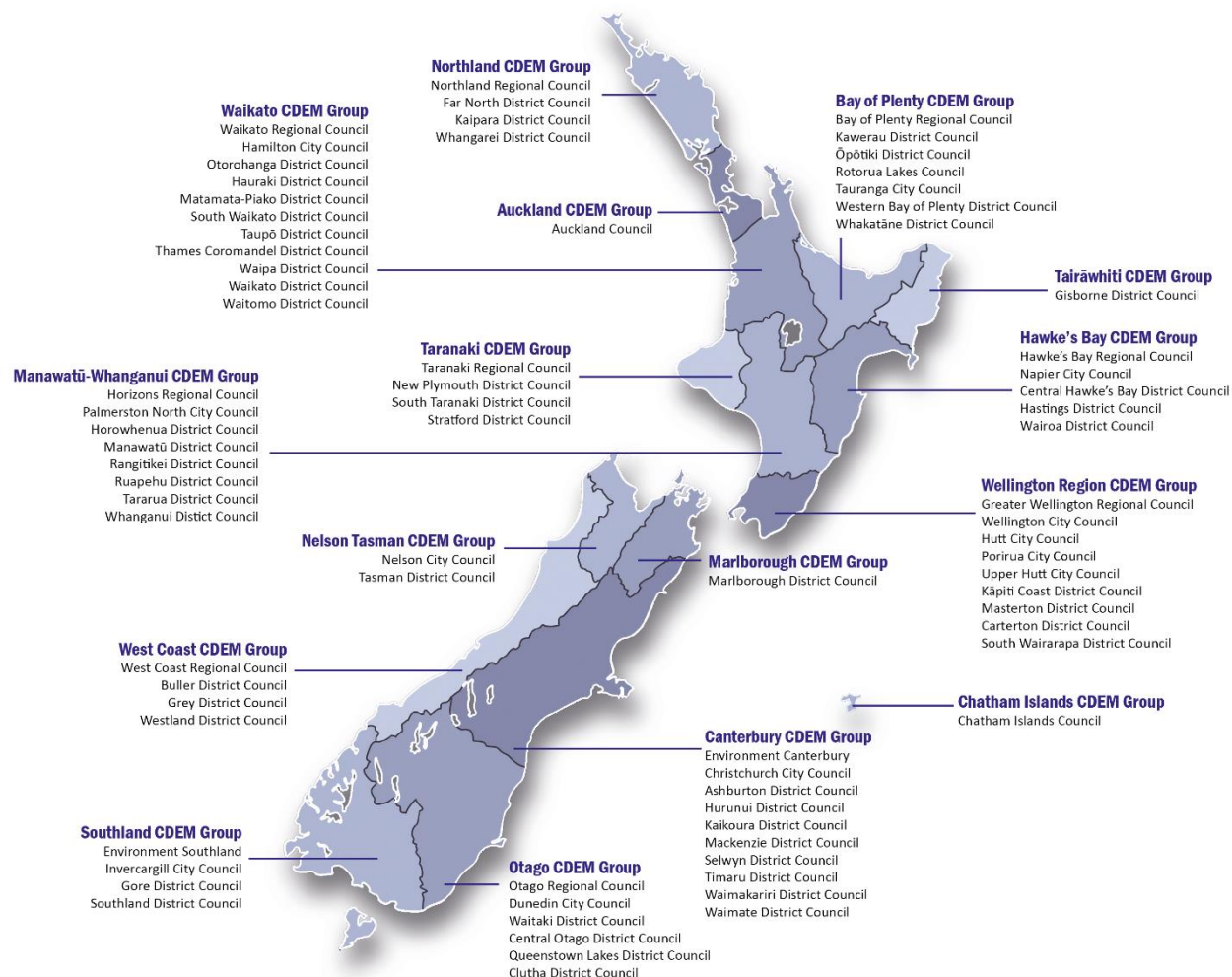
Interdependencies – NVA Stg 1



Lifeline Groups – Reduction & Readiness

- Lifeline Groups – regional:
 - Include lifeline utilities, scientists, regional CDEM group staff.
 - Focus to reduce the risk of damage from hazards; and
 - Readiness for response and recovery.
 - Emphasis on individual lifeline utility performance and collaboration.
- New Zealand Lifelines Council (NZLC) – national:
 - Advise Lifeline Groups on best practice and encourage projects;
 - Provide a link between Lifeline Groups and government;
 - Promote research on infrastructure resilience; and
 - Organise the annual National Lifelines Forum.

CDEM Groups



Sector Coordinating Entities (SCEs) – Response & Response

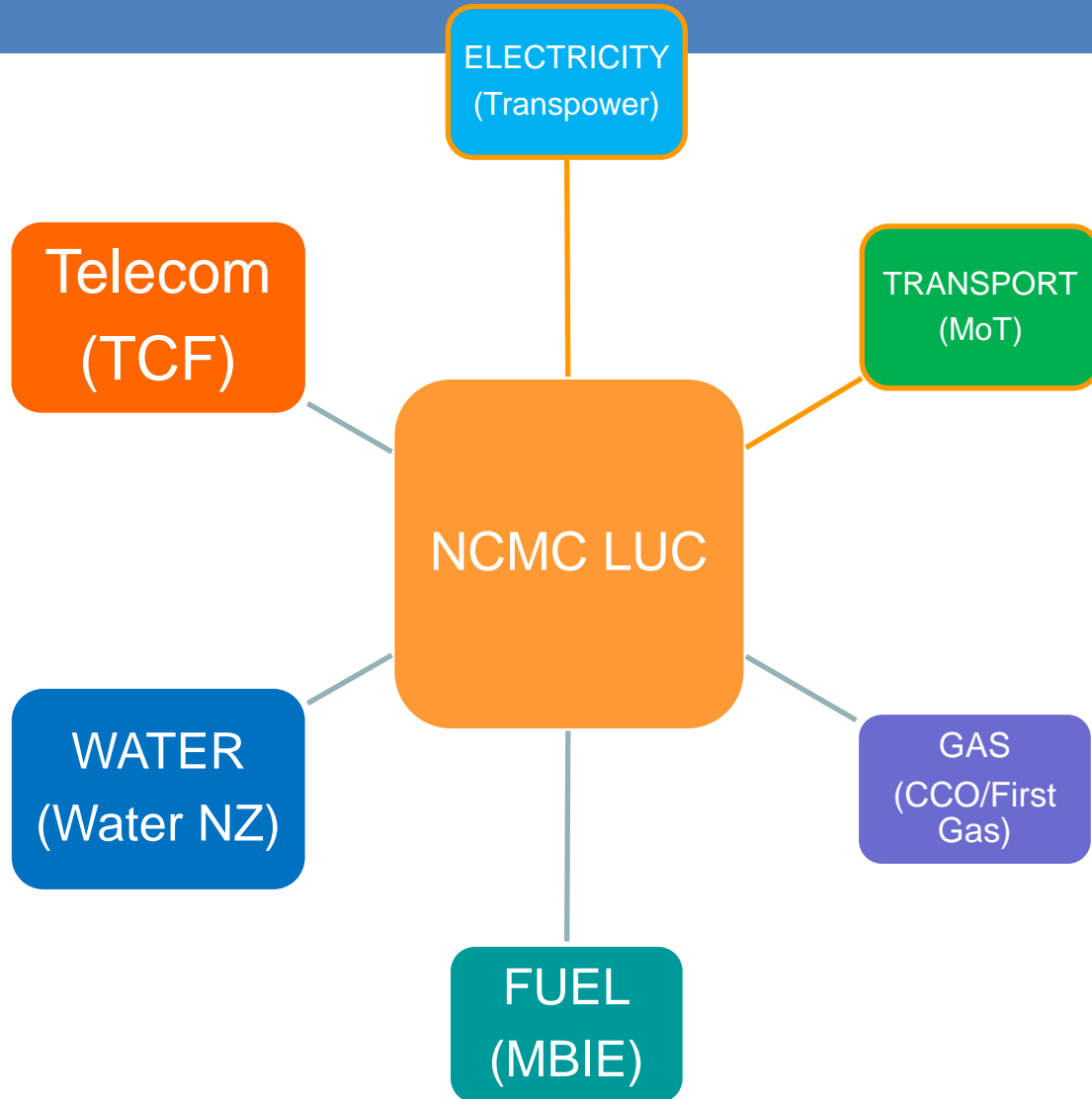
A sector co-ordinating entity that is:

- an organisation,
- a group of sector representatives, or
- an individual

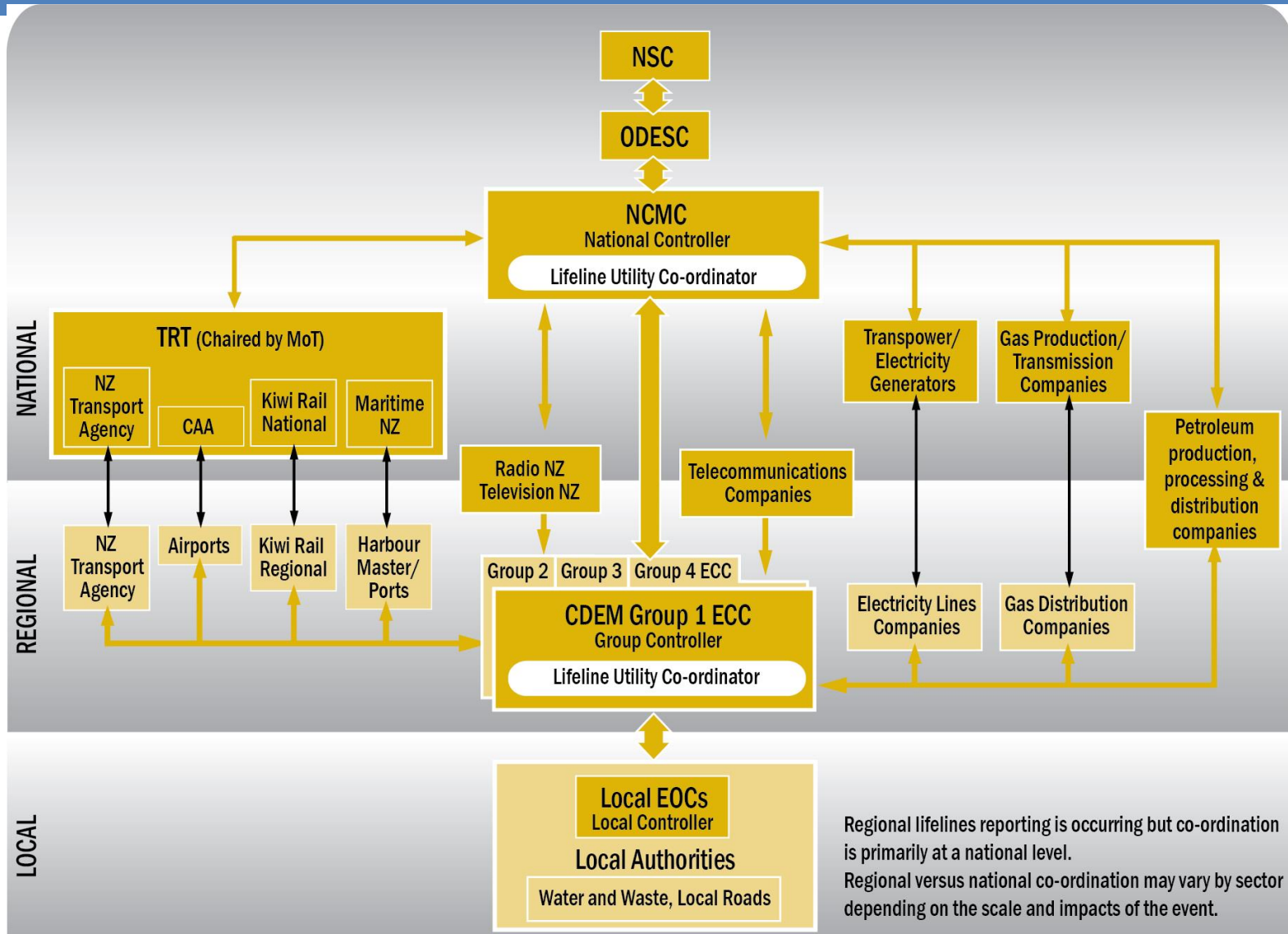
agreed by a utility sector to provide a single point of contact to the NCMC.

(Clause 2(1) of the National Civil Defence Emergency Management Plan 2015)

NCMC SCE overview



Event of National Significance



Lifeline Utilities expectations

- Understand obligations under the CDEM Act 2002
- Understand hazards and risks
- Invest in infrastructure resilience
- Business continuity and response plans
- Share information – situational awareness
- Participate in Regional and National Planning
- Understand interdependencies

Sector Response

- Established response arrangements
- Responsive and engaged
- Good readiness collaboration

Areas to improve

- Information sharing
- Proactive

Questions

