



Ministry of Civil Defence
& Emergency Management

CDEM & the role of Fast Moving Consumer Goods in a resilient New Zealand

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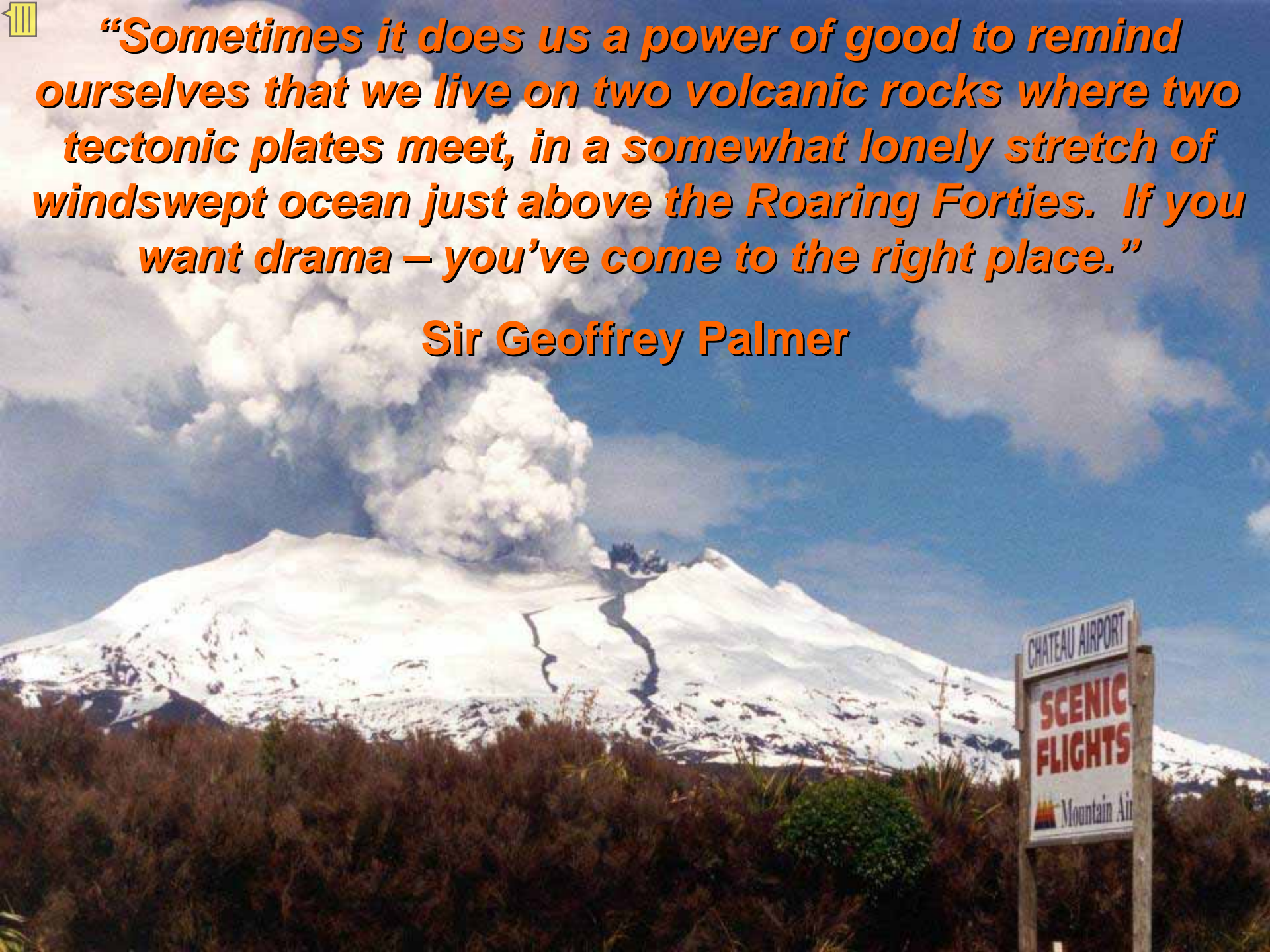
Presentation Topics

- NZ Hazardscape
- CDEM Structure
- Comprehensive Emergency Management
- CDEM / FMCG Interaction
- CDEM Expectations



“Sometimes it does us a power of good to remind ourselves that we live on two volcanic rocks where two tectonic plates meet, in a somewhat lonely stretch of windswept ocean just above the Roaring Forties. If you want drama – you’ve come to the right place.”

Sir Geoffrey Palmer



Key Messages

- FMCG is viewed as a “lifeline” and continuity of supply is vital
- BCPs and emergency plans must take an “all-hazards” approach
- FMCG & CDEM planning must be cooperative and integrated



Civil Defence Emergency Management

The CDEM environment is about....

- Addressing risk through reduction, readiness, response and recovery (4Rs)
- Managing the consequences of “all-hazards” (non-natural and natural)
- Coordination, or integration of agencies
- Everyone playing their part

....in order to create resilient communities.

All Hazards – All Risks

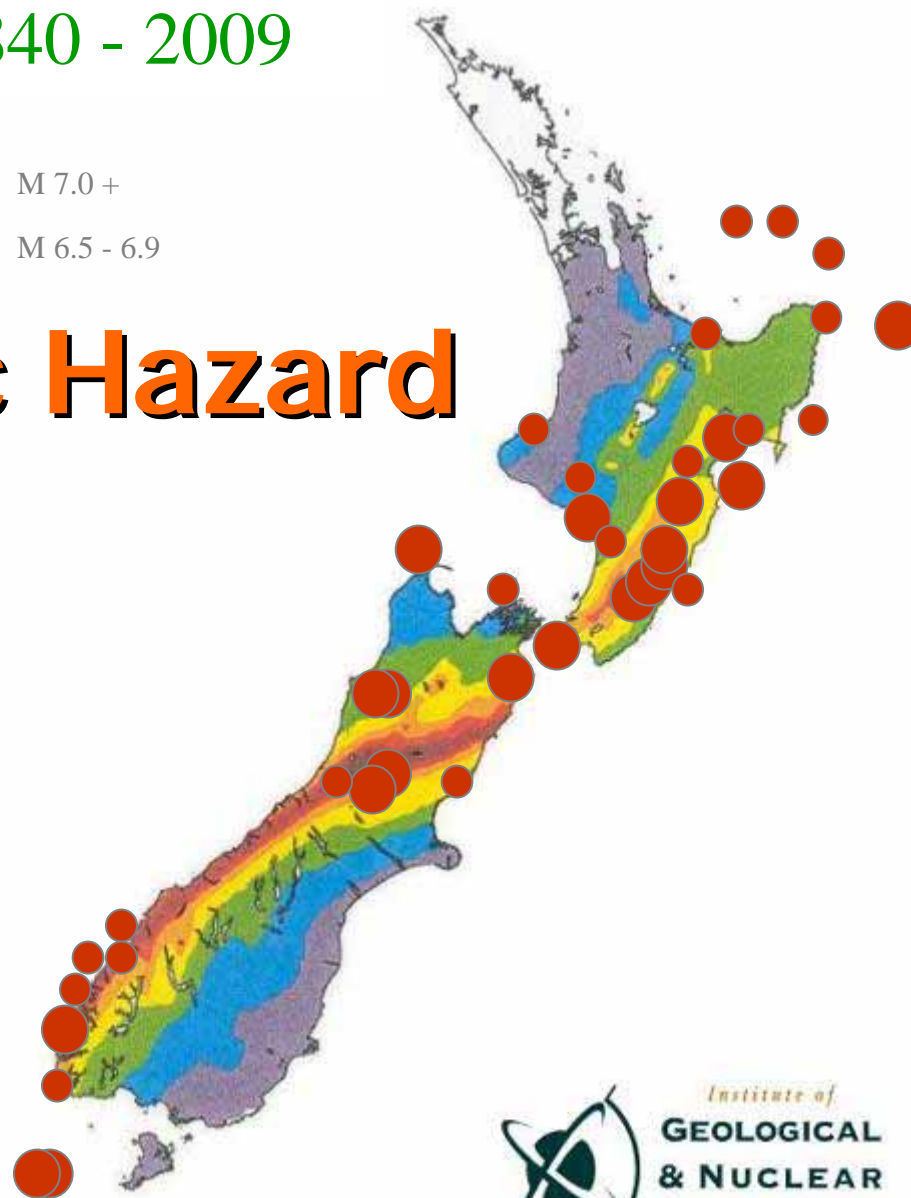
- New Zealand's Civil Defence and Emergency Management Act, the CDEM Act, addresses all hazards.
- However, other agencies have mandates to lead responses, e.g.:
 - Counter Terrorism – NZ Police;
 - Biosecurity – Ministry of Agriculture and Forestry;
 - Public Health – Ministry of Health



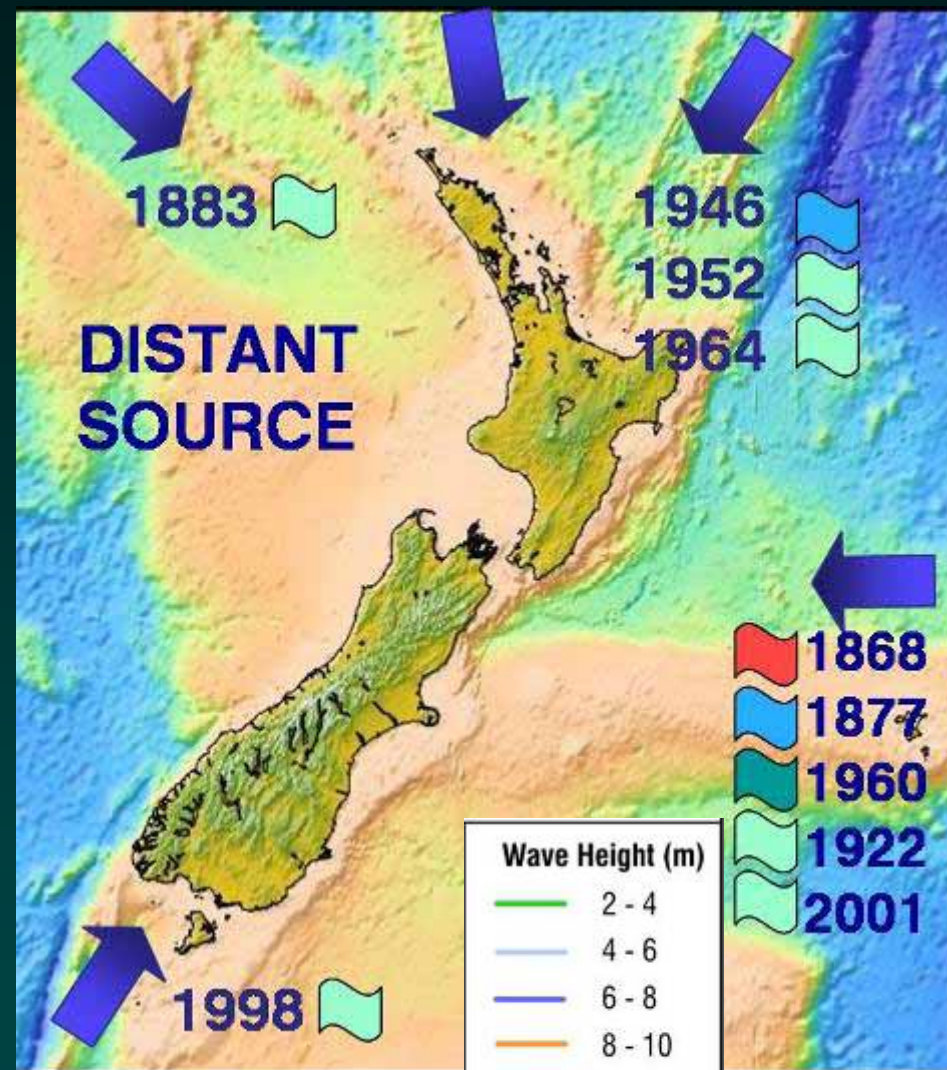
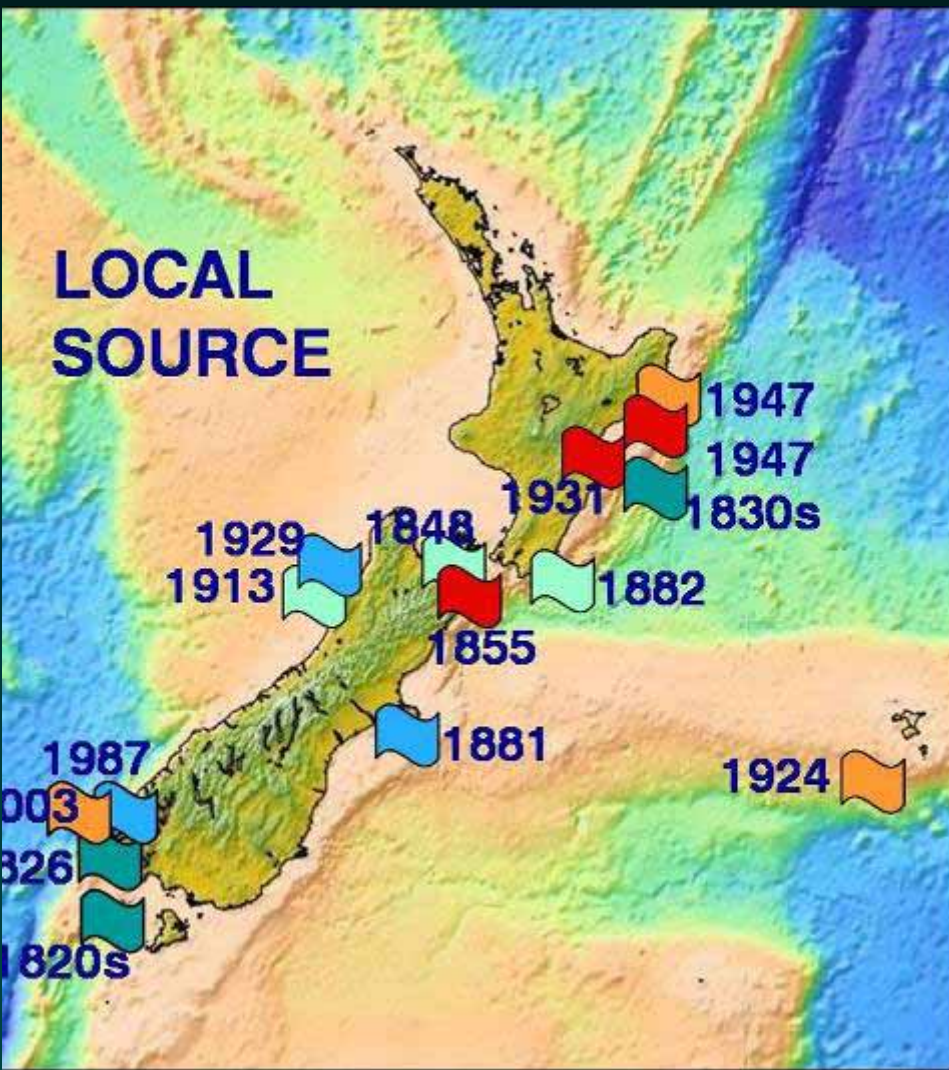
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- M 7.0 +
- M 6.5 - 6.9

Seismic Hazard



Tsunami



Wave Height (m)



Landslips & Landslides





Flooding



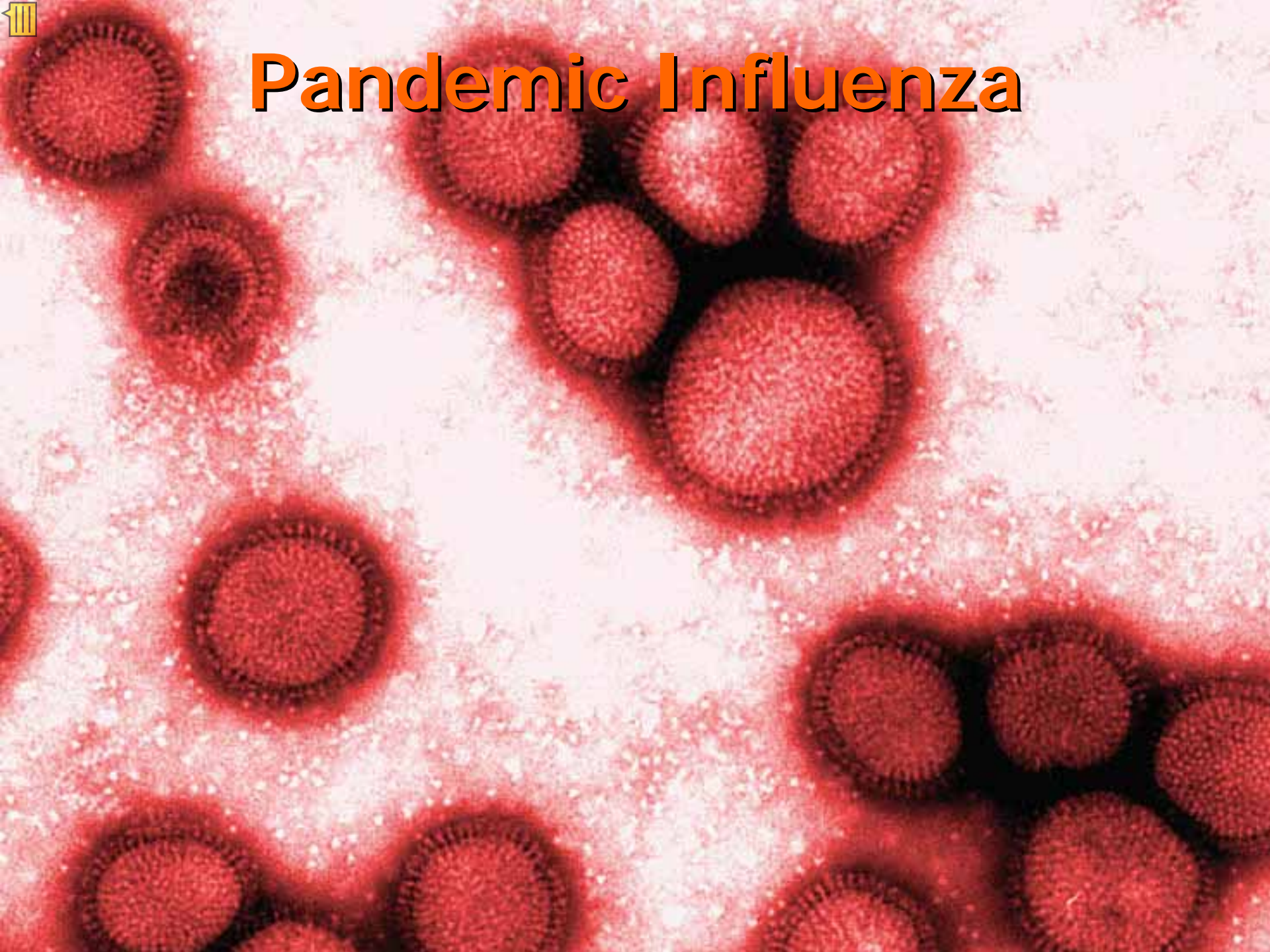


Infrastructure Failure





Pandemic Influenza

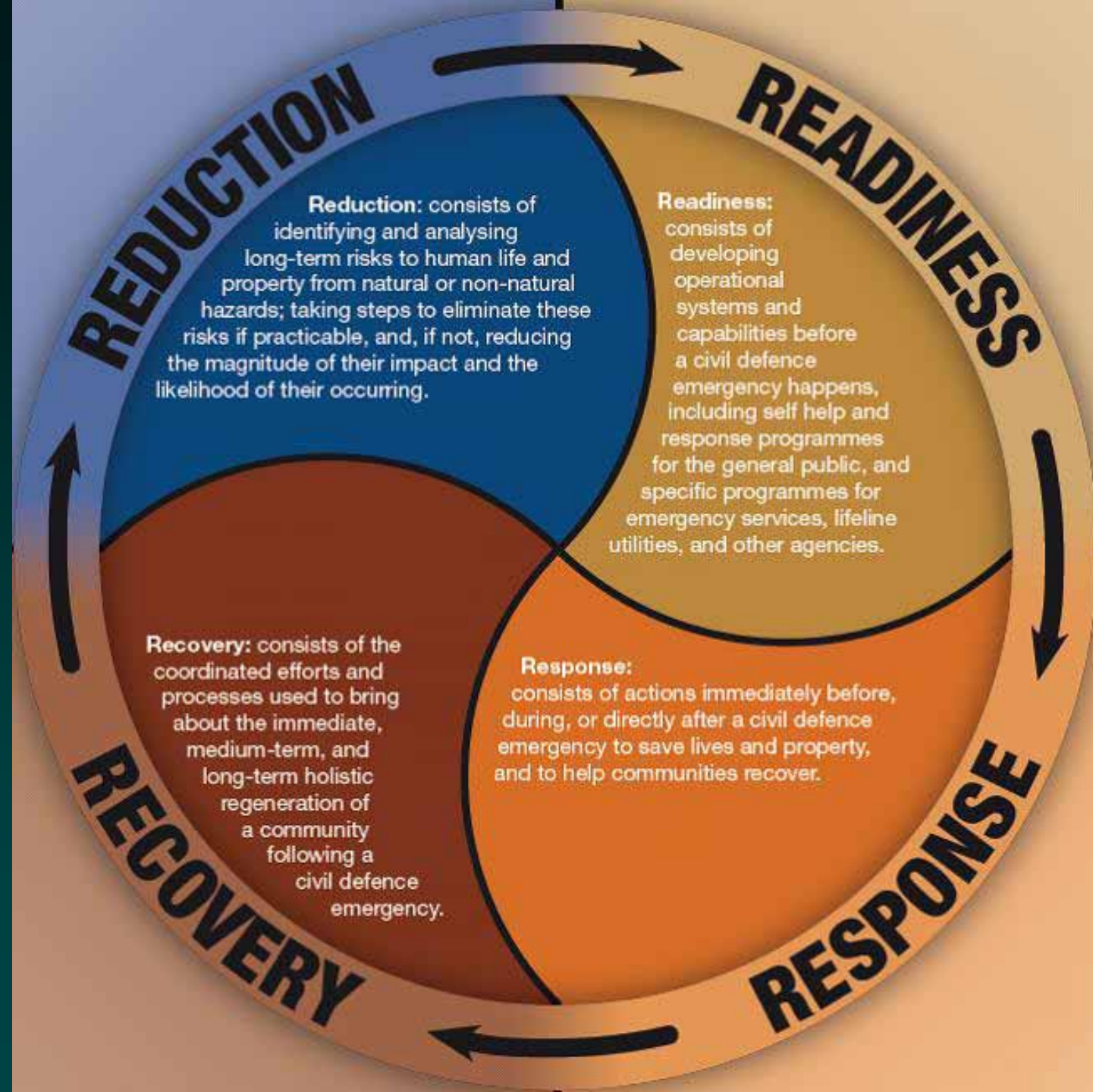




Volcanoes







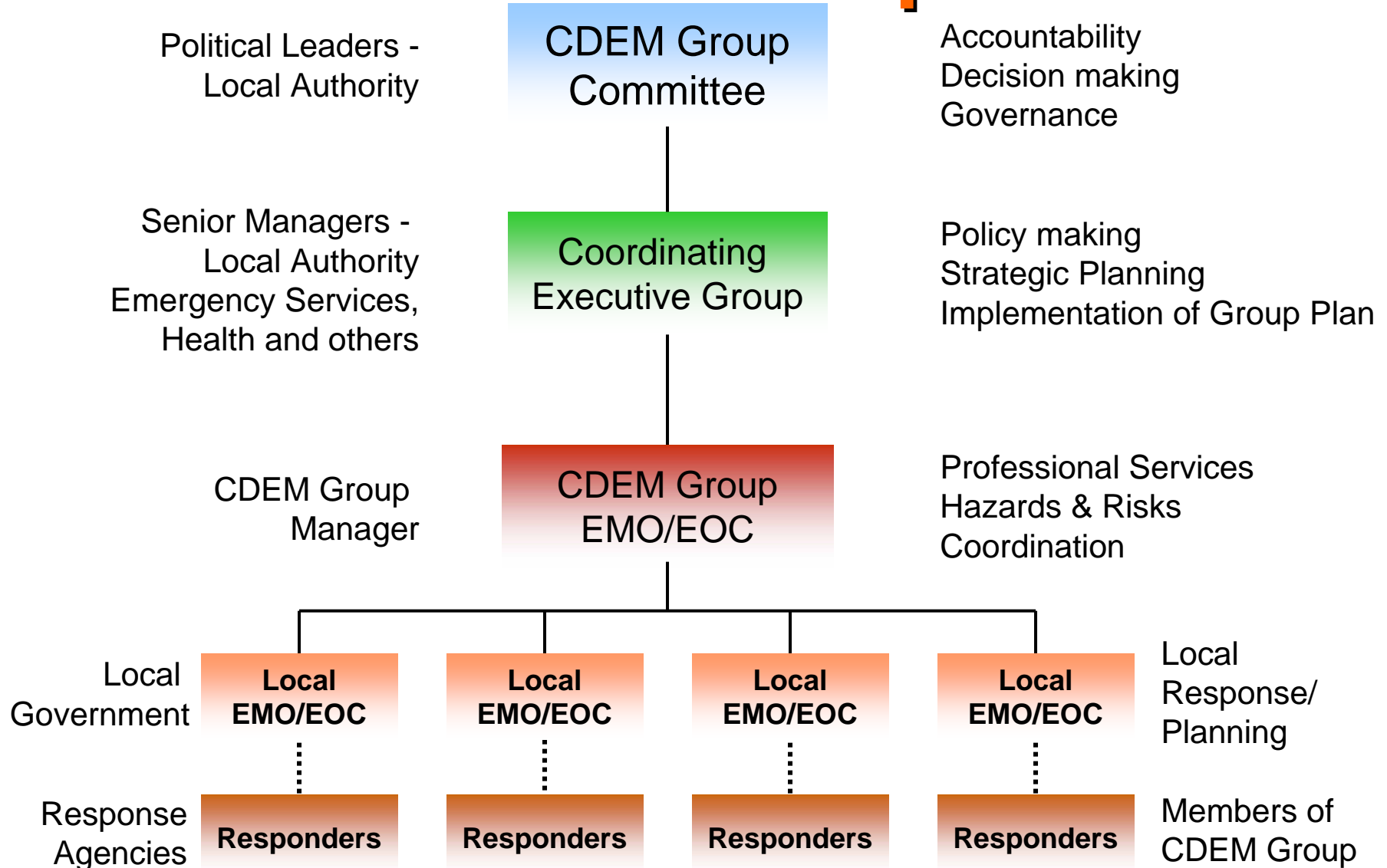


CDEM Groups





CDEM Groups



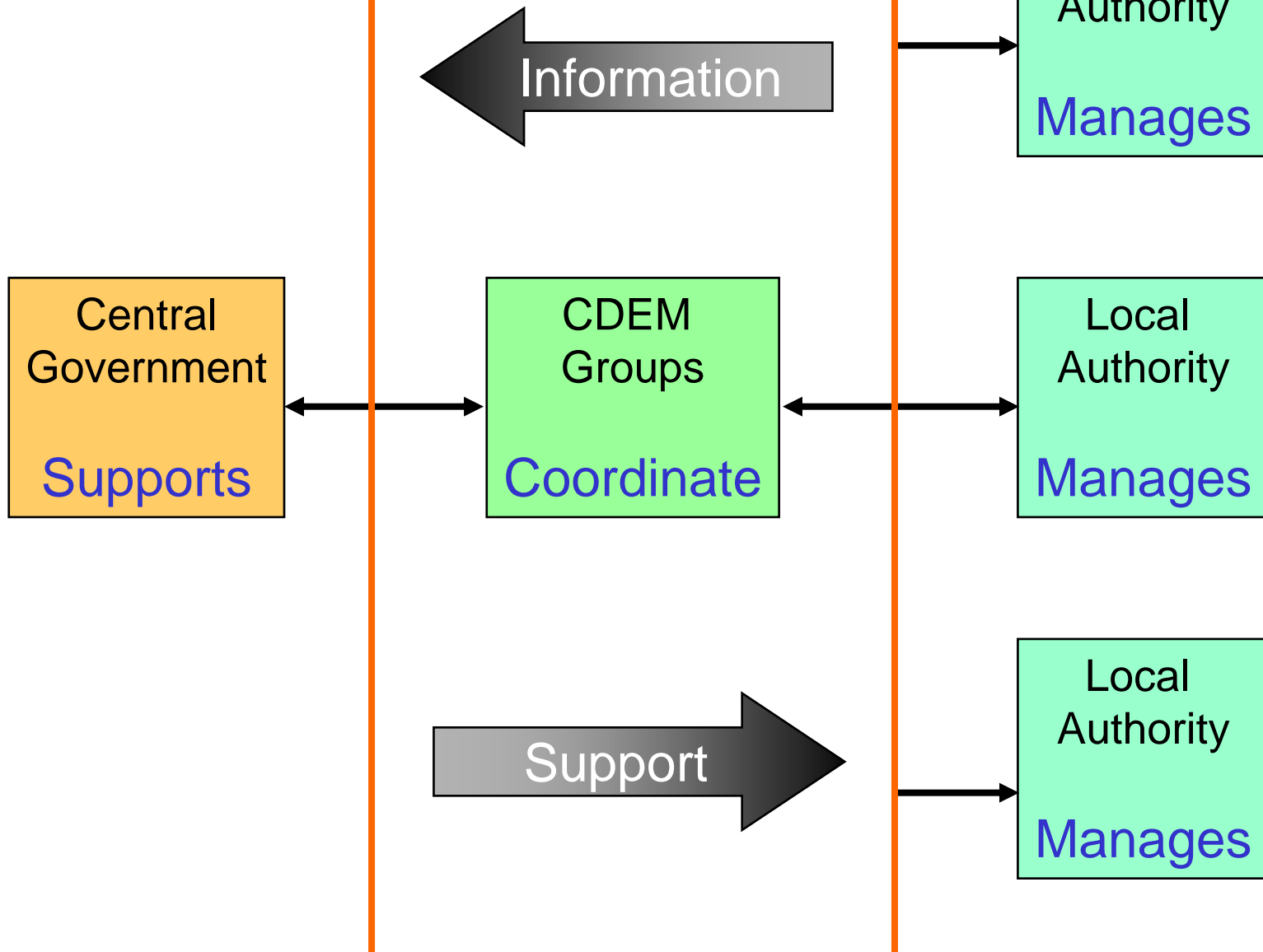


Civil Defence Emergency:

...is any emergency from whatever cause which results in loss of life, injury, or significant community impacts which overwhelms the emergency services and requires coordination under the Civil Defence Emergency Management Act.

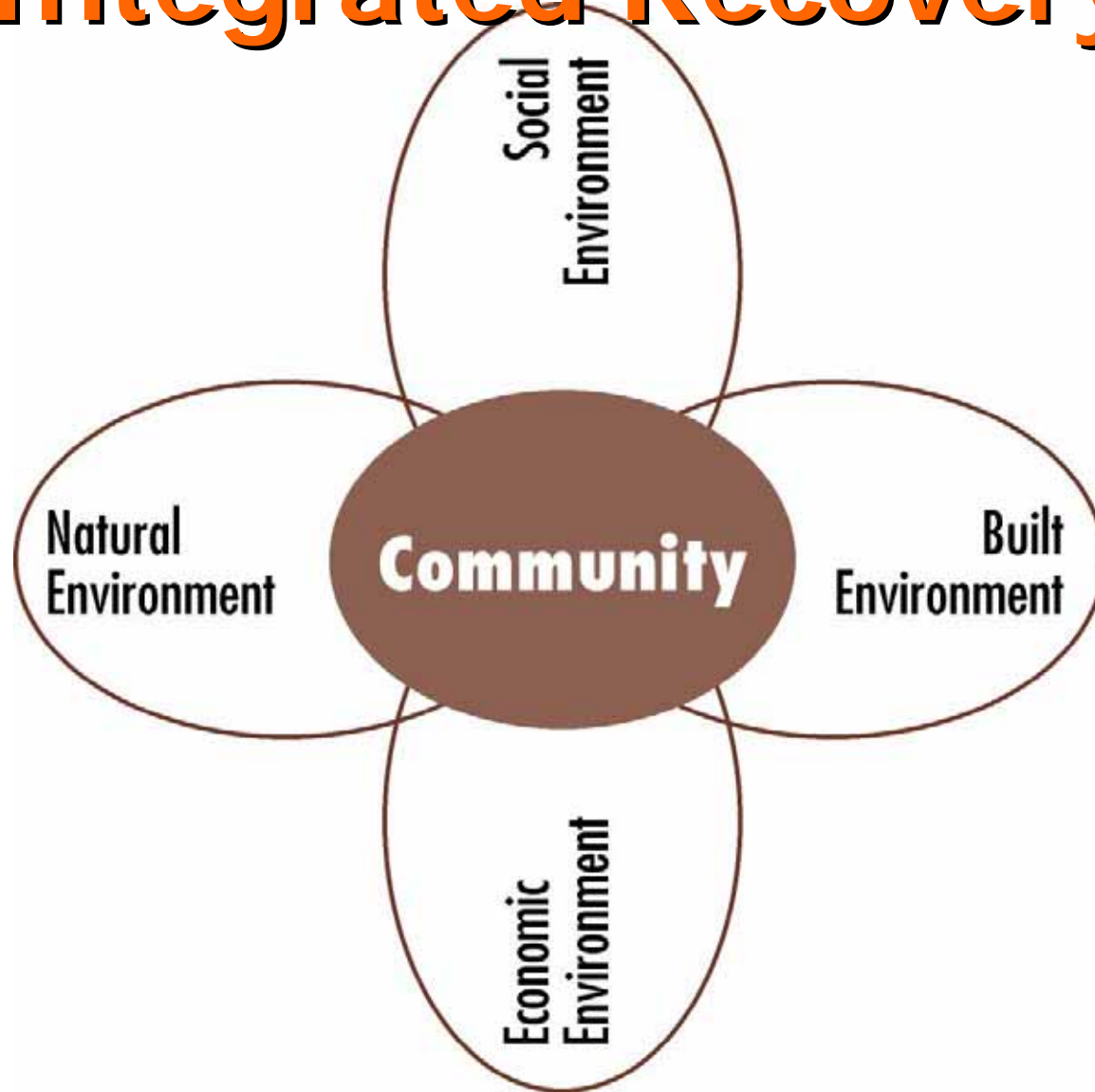


Operational Arrangements





Integrated Recovery





"RESILIENT NEW ZEALAND – COMMUNITIES
UNDERSTANDING AND MANAGING
THEIR HAZARDS"

"AOTEAROA MANAHAU – HE PŪIOIO NGĀ HAPORI,
HE MĀRAMA KI Ō RĀTOU
PŪMATE ME TE WHAKAHAERE"

VISION

PŪMATE ME TE WHAKAHAERE
HE MĀRAMA KI Ō RĀTOU



Te Rākau
Whakamarumaru

Ministry of Civil Defence
& Emergency Management

So where does FMCG fit in?





CDEM / FMCG

Work to date:

- Pandemic planning 2007...
- CDEM Support to Pandemic Response (CSPR) Plan
- Thought of as a "*Lifeline*"

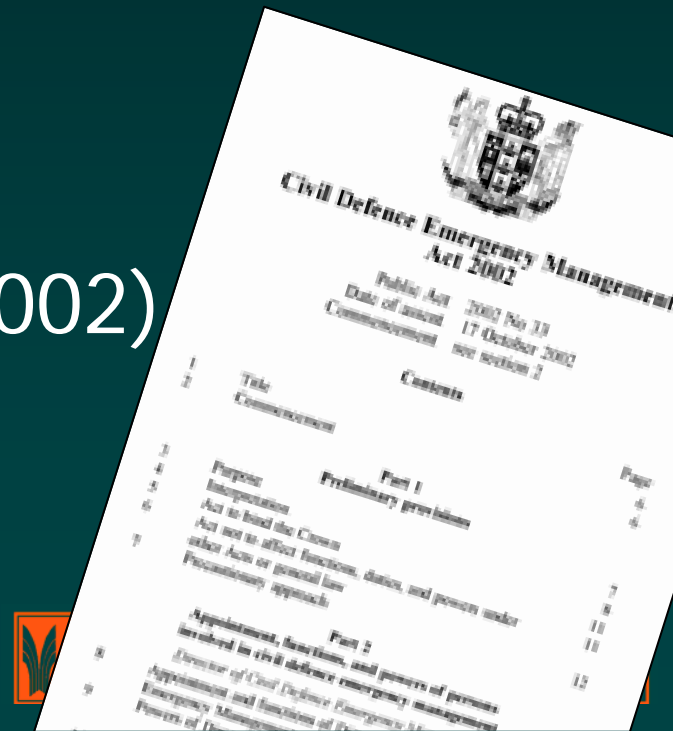


FMCG sector is vital for:

- Life...
- Health and well being...
- Economy...
- Society.

Lifeline Utilities

- Lifelines are the essential infrastructure and services that support the life of our community
- Certain sectors and named organisations (CDEM Act 2002)
- Such as:

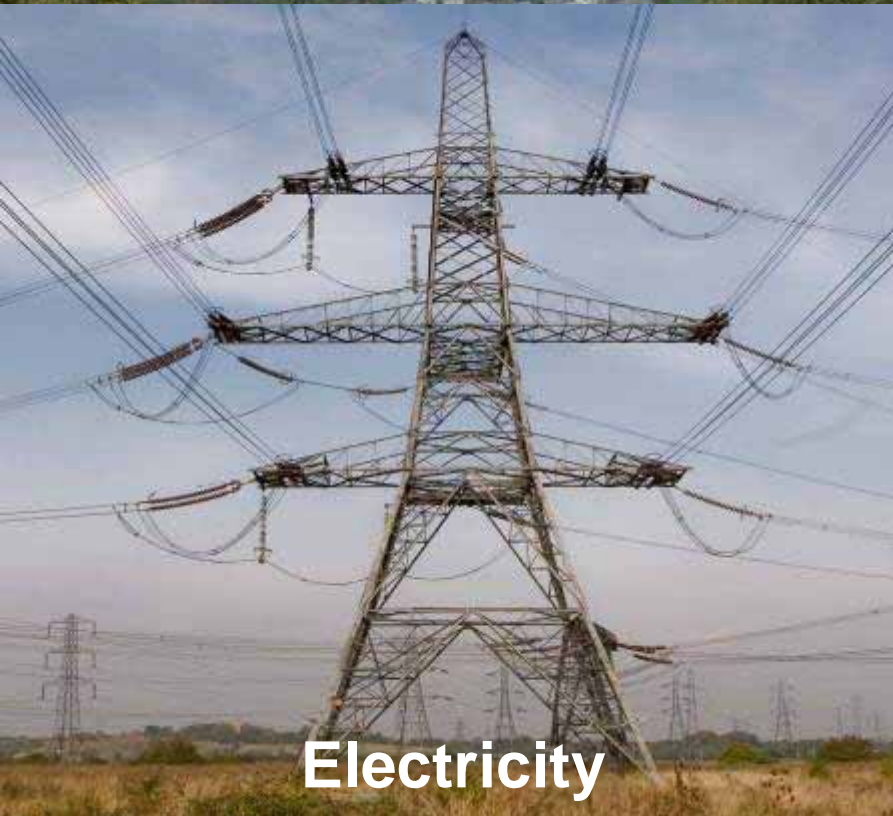




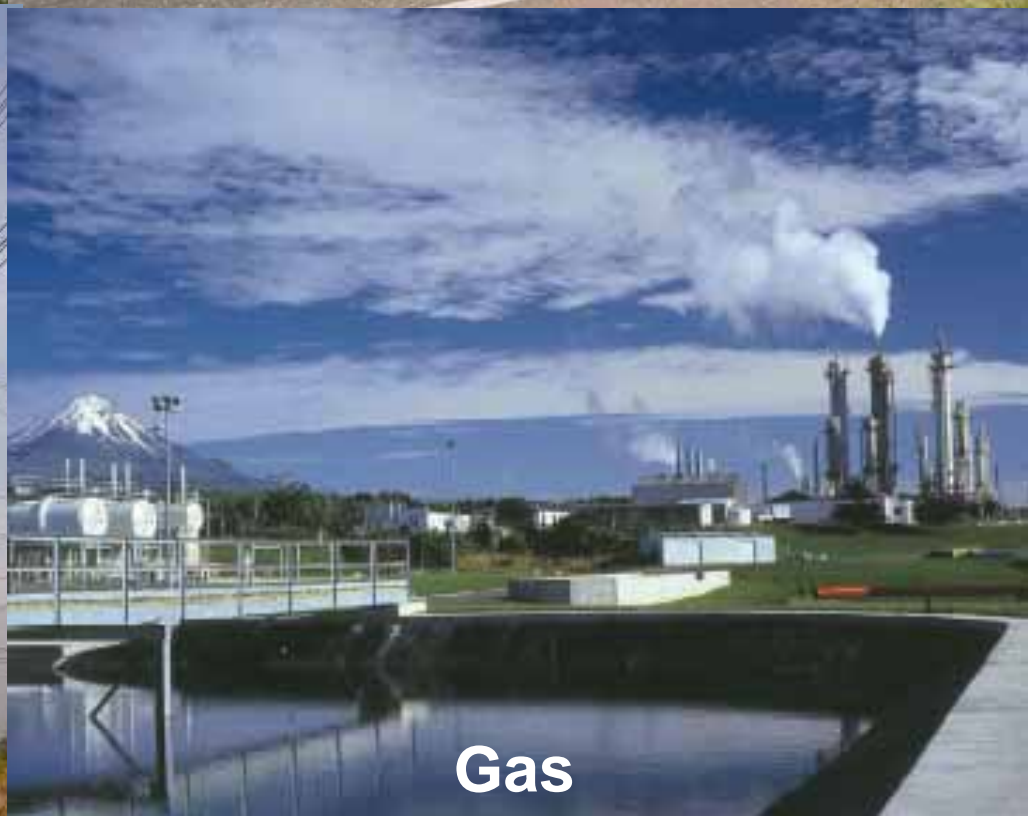
Water / Wastewater



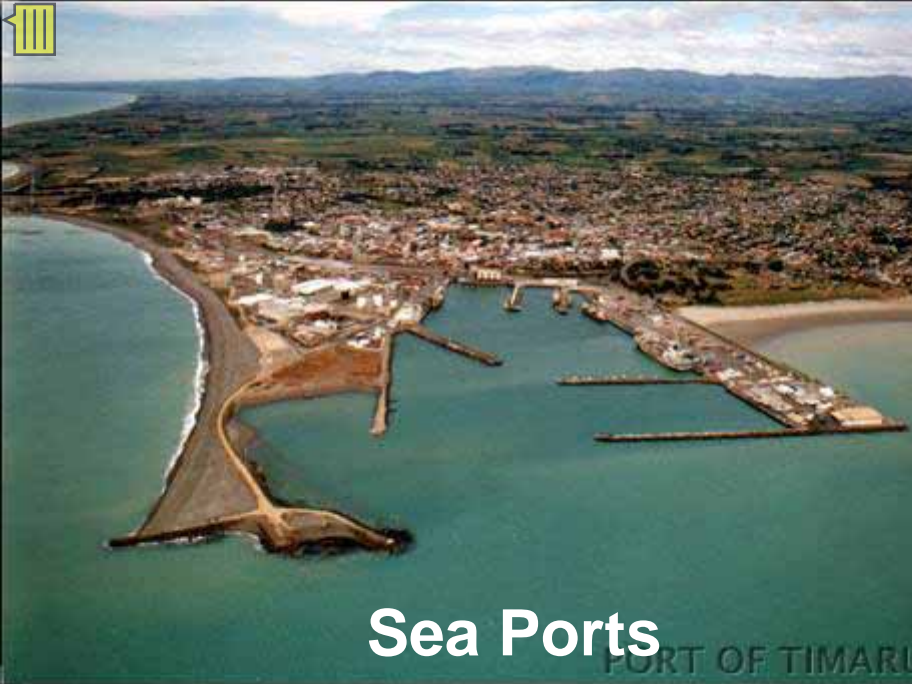
Petroleum



Electricity



Gas



Sea Ports



Rail



Roads



Airports



Telecommunications & Broadcast Media



**RADIO
NEW ZEALAND
NATIONAL**





How long could your business cope without:

- Water;
- Waste- and storm-water services;
- Electricity;
- Gas;
- Telecommunications; or
- Road, rail, airports and ports.





Duties of Lifeline Utilities

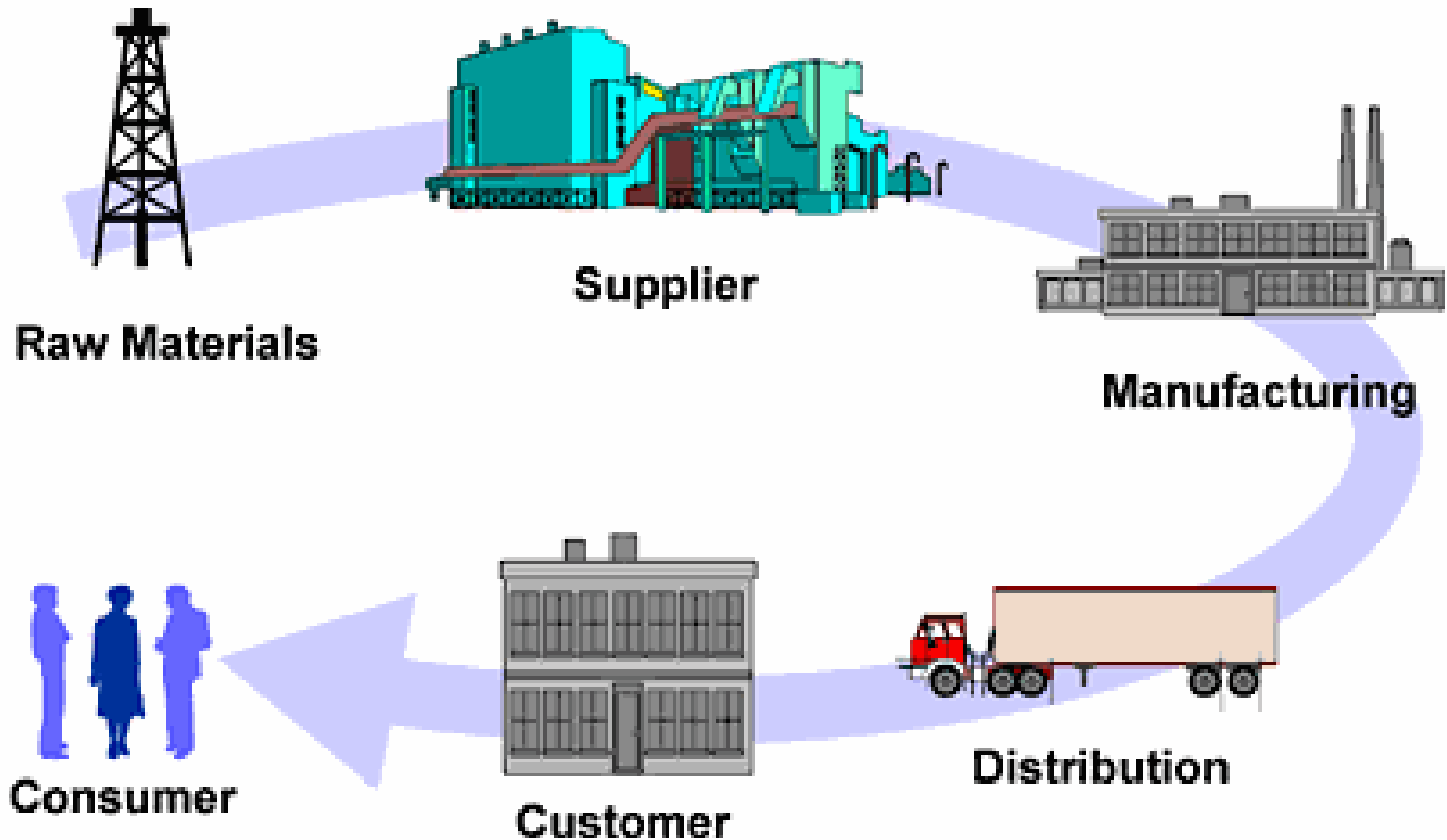
Be able to function to the fullest possible extent, even though this may be at a reduced level, during and after an emergency

Participate in the development of CDEM strategy and plans

Provide technical advice to CDEM as may be reasonably required



Supply Chain Resilience





CDEM Expectations

Within your organisation it is important that:

- risk management and continuity planning are promoted as core business
- cross-organisation communications and relationships are established to support your organisation's survival
- senior management buy-in is obtained



Your Business Should:

- Understand the full range of hazards that could impact on your operation
- Establish procedures to ensure continuity of business
- Establish planning and operational relationships with CDEM Groups.
- Agree priorities with CDEM Groups for “disconnection” and “restoration”
- Interact with external agencies and exercise plans



Your Sector Should:

- Plan to optimise service during emergencies
- Have an ability to reconfigure operations to cater for loss of assets/resources
- Develop common approaches to risk reduction, readiness, response and recovery
- Share and apply examples of best practice that protect resources
- Determine sector communication between organisations and to the public during an emergency

Cooperative Planning

- access to shared hazard and risk analysis data
- an ability to coordinate mitigation programmes
- understanding how other organisations respond



Cooperative Planning

Utility activity

Lifeline Reduction/Mitigation Activity

- Hazard analysis
- Network mapping
- Vulnerability studies
- Prioritised mitigation lists
- Risk reduction & cost-benefit analysis

Lifeline Readiness Activity

- Priority emergency routes
- Emergency communications
- Contact arrangements
- Command Centre operation
- Public Relations & crisis management

Lifeline Response Activity

- Lifelines coordination
- Utility operations centres

Lifeline Recovery Activity

- Continuity and disaster recovery arrangements

CDEM Group Plans

Strategic

- Hazard and risk identification

- Management mechanisms

- Objectives, targets, actions

Operational

- Readiness arrangements

- Response arrangements

- Recovery arrangements

- Public Relations

Information flow between...





CDEM Groups:

Develop a programme of work to:

- Examine hazard scenarios and restoration priorities
- Enhance cross-sector understanding of CDEM arrangements
- Review respective roles and interdependencies
- Develop understanding of existing organisational continuity planning
- Identify and address of planning gaps



Ongoing Work

- Promote CDEM sector understanding of FMCG sector & its capability
- Establish communication methodology for response/recovery activities
- Develop planning guidelines between FMCG/CDEM sectors – at all levels

More Information:



- www.civildefence.govt.nz
 - > For the CDEM Sector > Lifeline Utilities



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VISION

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Ask yourself:

- *How well have you and your staff prepared for your family's well being during a CDEM event?*



Ask yourself:

- *Does your continuity planning address risks posed by external threats, such as natural hazards, and from contractors or utilities upon which you are dependent?*

Ask yourself:

- *Do your operations staff have working relationships with central/local government and emergency services that will be effective during an emergency?*

Ask yourself:

- *Are there mutual support arrangements with utilities to assist in your survival?*

Ask yourself:

- *What are the work-arounds that you could implement right now in order to maintain your business operation?*

Ask yourself:

- *Do you feel your sector's response to a major event will be coordinated and thus protect the marketplace?*

Ask yourself:

- *Can you ensure continuity of services required for essential health, police, fire and local government CDEM activity?*

Useful Links

Ministry of Civil Defence & Emergency Management

- <http://www.civildefence.govt.nz>

Information for Lifeline Utilities

- http://www.civildefence.govt.nz/memwebsite.nsf/wpg_URL/For-the-CDEM-Sector-Lifelines-Index?OpenDocument

Best Practice Guide, Lifelines and CDEM Planning

- [http://www.civildefence.govt.nz/memwebsite.NSF/Files/Lifelines%20Best%20Practice%20Guide/\\$file/Lifelines%20Best%20Practice%20Guide.pdf](http://www.civildefence.govt.nz/memwebsite.NSF/Files/Lifelines%20Best%20Practice%20Guide/$file/Lifelines%20Best%20Practice%20Guide.pdf)

Director's Guideline, Lifeline Utilities & Emergency Management

- [http://www.civildefence.govt.nz/memwebsite.NSF/Files/Director_Guidelines/\\$file/DG302-LifelineUtilities.pdf](http://www.civildefence.govt.nz/memwebsite.NSF/Files/Director_Guidelines/$file/DG302-LifelineUtilities.pdf)

Get Ready Get Thru

- <http://www.getthru.govt.nz/web/GetThru.nsf/web/BOWN-7GY2MF?opendocument>

Useful Links

Ministry of Health, Pandemic Planning

- <http://www.moh.govt.nz/pandemicinfluenza>

Ministry of Economic Development, Business Continuity

- http://www.med.govt.nz/templates/ContentTopicSummary_____34023.aspx

Department of Labour, Pandemic Planning

- <http://www.dol.govt.nz/initiatives/workplace/pandemic/index.asp>

Useful Links

GeoNet

- <http://www.geonet.org.nz/index.html>

GNS

- <http://www.gns.cri.nz/>

MetService

- <http://www.metservice.co.nz/public/index.html>

NIWA

- <http://www.niwa.cri.nz/>