




CDEM Resilience Fund project application form

Application for CDEM Resilience Collaborative fund approval	
Project title	Review and updating of the 2005 Risks and Responsibilities Report (Lifelines)
Date of application	16 July 2014
Details on application:	
Lead local authority	Horizons Regional Council
CDEM Group	Manawatu-Wanganui
Other local authorities supporting the proposal	Members of the Manawatu-Wanganui CDEM Group
Project description:	
<p>Executive summary: This application seeks funding support from the Resilience Fund to review and update the original Risks & Responsibilities document released in January 2005. The focus on the 2005 document was in regards to seismic, volcanic and flooding hazards and was commenced prior to the Civil Defence Emergency Management (CDEM) Act 2002 came into force. It is now considered timely that any review of the current information contained within the document is based upon an all hazards approach aligned to the requirements of recognised CDEM planning doctrine across the 4 R's of CDEM.</p>	
<p>Problem/Opportunity: The Manawatu-Wanganui Region is one of the most tectonically active parts of New Zealand, it has an extensive network of river systems and is home to mainland New Zealand's most active volcano. These features gave rise to the three hazard aspects studied by the 2005 project, Seismic, Flooding and Volcanic hazards.</p> <p>The Manawatu-Wanganui Region is one that depends on each other and our infrastructure for our health and prosperity which enhances community resilience. Included in our infrastructure are 'lifelines' assets, which provide services such as transport (road, rail, sea and air), water supply, wastewater, drainage, energy generation and distribution and telecommunications. These assets typically traverse large geographical areas and are inherently vulnerable to natural hazards.</p> <p>It is now opportune to revisit the context of the original report to review its initial findings and to take a more all hazards holistic approach across the 4 R's of the CDEM continuum.</p>	
<p>Alignment with identified goals and objectives: A review of the document aligns well to the Vision of the Group which is <i>"To build a resilient and safer region with communities understanding and managing their hazards and risks"</i>. In addition to this the Group Plan notes a major risk in regards to lifeline utilities failure is that of electricity failure given that the Region is a central corridor for the national electricity grid. The critical consequences of electricity failure from a natural hazard event are mainly social and economic.</p> <p>Social:</p> <ul style="list-style-type: none"> o Impacts to health care in homes & hospitals where power is critical such as dialysis & surgery; o Inability to cook food & loss of perishable food stocks; o Security Issues due to lack of urban lighting; o Impact to other lifeline services that rely on power such as water supplies, fuel & communications equipment. <p>Economic</p> <ul style="list-style-type: none"> o Impacts on businesses & industry such as farming; o Impacts on transportation networks such as roads & railways. 	

Dissemination of benefits to sector: A better understanding of the impacts on lifelines from an "all hazards" perspective will in turn not only improve the wider understanding of the risks and vulnerabilities faced by the regions communities but also by that of the Group, and its neighbouring Groups. Given the cross boundary dependencies created by the central north island utilities corridor it is considered that any updating of the 2005 Risk and Responsibilities Report will also be of value to the CDEM Groups bordering on the Manawatu-Wanganui Region.		
Project design		
Project manager	Ian Lowe – Manager Emergency Management Horizons Regional Council	
Other project members	<ul style="list-style-type: none"> o Manawatu-Wanganui Lifelines Advisory Group o Lifelines Utility Coordinators from respective TA's within the Region. o TA CDEM Managers. 	
External providers/contractors	TBC	
Deliverables		
Milestone	Date for completion	Cost
When funding available	Completion 31 June 2016 – Invoicing to MCDEM to be at least quarterly during 2015-16.	\$40,000 contribution from Resilience Fund, \$30,000 combined contribution from CDEM Group & Lifelines Advisory Group members
Identified risks		
Risk	Suggested management	
<ol style="list-style-type: none"> 1. An appropriate person/agency is not immediately available to undertake the review. 2. Significant emergency event resulting in changing hazardscape. 	<ol style="list-style-type: none"> 1. Consider seeking extension to timeframe for completion of report. 2. Consider requirement to re-assess project brief. 	
Funding request and use		
CDEM resilience fund contribution	\$40,000	
Combined Local Authority & Lifelines Advisory Group member contributions	\$30,000	
Other sources of funding	As above	
Expenditure	\$70,000	
Application confirmation		
Approval of Chief Executive		
CDEM Group comment		
Comment	A key project that in partnership with the 'land'	
Approval of Coordinating Executive Group Chair	