



## CDEM Resilience Fund project application form

Application for CDEM Resilience Collaborative fund approval	
Project title	Public Alerting System - Northland
Date of application	28 February 2011
Details on application	
Lead local authority	Kaipara and Far North District Council
CDEM Group	Northland
Other local authorities or Groups supporting the proposal	Whangarei District Council and Northland Regional Council.
Project description	
<p><b>Executive summary</b>            The Northland CDEM Group has been investigating and trailing the use of sirens in coastal communities as part of a "toolbox" of public alerting systems, primarily for tsunami alerting. The group has received and approved an offer from Northpower and Top Energy to utilise ripple controlled power network to activate sirens. Northpower have provided a prototype siren and agreed to install sirens on Northpower infrastruce within the Whangarei District Council area.</p> <p>The Whangarei District Council has developed a project plan for the installation of 66 sirens across coastal communities within its area and has estimated the total cost of this project at \$130,000. This project has been approved, orders placed and is progressing as planned with assistance from the Resilience fund from 2010.</p> <p>The Far North and Kaipara District Council's have investigated options for siren installation in their areas. Funding is available to support the Far North and Kaipara District Councils from the CDEM Group however there is a shortfall of funding to progress the projects. Indicative estimates indicate that a further \$150,000 is required for a further 60 – 70 sirens for the Far North and Kaipara areas.</p> <p>The Northland CDEM Group has approved \$60k to support the Whangarei District Council project which has commenced and has funding available to support the two other councils with there projects.</p> <p>This project is identified in the Northland CDEM Group plan as a priority project and is directly linked with development of Community Response Plans and Tsunami Evacuation mapping.</p> <p>This application is for funding to be used in the Kaipara and Far North District council areas.</p>	
<p><b>Problem/opportunity</b>            The Northland CDEM Group Plan 2010 identifies tsunami as a high priority hazard for the region. As at 1 October 2010 41 community Response plans were completed or were in draft for coastal communities. Tsunami inundation mapping has been completed. Ongoing readiness activities include developing cost effective alerting mechanisms that complement the community response planning. Whangarei District is in the process of installing 66 sirens across the coastal communities in its area. Tsunami alerting system in the form of sirens complement the "tool box" approach to warnings.</p>	
<p><b>Alignment with identified goals and objectives</b>            Northland CDEM Group Goals 1 to 4 are consistent with the National Strategy and each of the first three national and group goals are aligned with this project.</p> <p><b>Goals</b>            Increased community awareness, understanding, preparedness and participation in civil defence emergency management (Readiness).</p>	

<p>Reducing the risks from hazards.          Enhancing capability to manage civil defence emergencies (Response).          The project aligns with objectives 1b, 2a, 3b, 3d and 3e as outlined on page 15 Northland CDEM Group Plan.</p>		
<p>Dissemination of benefits to sector          Benefits to the community include the ability to prepare for tsunamis events through the development of Community Response Plans aligned with an effective, efficient and reliable alerting system. TLA's benefit from having in place ability to alert communities in on a 24/7 basis and to engage with committees on community based planning which promotes civil defence capability.</p>		
<b>Project design</b>		
Project manager	Bill Hutchinson, Far North District Council Jim Goodland, Kaipara District Council	
Other project members	Northland CDEM Group members	
External providers/contractors	Northpower and Top Energy	
<b>Deliverables</b>		
Milestone	Date for completion	Cost
Manufacture of units Installation Testing and implementation	By October 2011 By January 2012 By March 2012	\$150,000
<b>Identified risks</b>		
Risk	Suggested management	
Failure of ripple control network or units. Public education not completed. Inability of TLA's to support project.	Managed by ripple control network owner. Risk low. Units guaranteed and ongoing supply of parts is agreed. Public education managed during installation phase. CEG / CDEM Group provide support and coordination.	
<b>Funding request and use</b>		
CDEM resilience fund contribution	\$50,000	
Local authority contribution	Total projected costs estimated at \$150,000	
Other sources of funding	CDEM Group \$60,000	
Expenditure	Nil to date.	
<b>Application confirmation</b>		
Approval of Chief Executive		
<b>CDEM Group comment</b>		
Comment	CDEM Group has approved the project at its August meeting.	
Approval of Coordinating Executive Group Chair	CEG has initiated and coordinated project from outset. Approved at August 2010 meeting.	