



This form provides the minimum of information for the application; a detailed project plan should be developed to inform this application and may be attached.

Project title	Te ara o Tawhaki – A pathway to resilience indicators
Date of application	1.10.2018

Details on application

Applicant	Karl Wairama
CDEM Group/s affected	All
Other local authorities, Groups or organisations supporting this proposal	Waikato CDEM, BOP CDEM, East Coast LAB, Hawkes Bay CDEM

Project description

Executive summary *[200 words maximum description.]*

Resilience is all about being able to overcome the unexpected. Sustainability is about survival. The goal of resilience is to thrive – Jamais Cascio

On the eve of the National Disaster Resilience Strategy and the creation of the Emergency Management systems reform there is more focus on our sector. Of importance is the focus on people and resilience. Through Community Resilience Plans we have been focusing on readiness and response. However, there are still gaps in our knowledge including clear definitions of resilience, community, effectiveness of strategies and clear measurables. Given the inequities facing Maori, reports from Kaikoura and the TAG report there is also a need for greater responsibility to Maori when designing solutions in our sector.

The current project will include an extensive literature review of NZ research into community resilience. From this review we will generate core resilience indicators (CRI). These will form initial base measurements within current and new community resilience plans. We will then have qualitative interviews with communities who have experienced events to form secondary resilience indicators (SRI) to further understand gaps in our current knowledge. This could include cultural resilient indicators within the community and form a national base measurement.

The project will utilise Kaupapa Māori [Māori processes] and Pūrākau [traditional Māori stories] to create a framework, as well as assessment and engagement with communities. It will include the story of Tāwhaki’s ascent to the heavens to gather knowledge to help all people. The story and project are about the many challenges and difficulties Tāwhaki/People face on their journey. When Tāwhaki’ asked for support at the right time, he was able to achieve his goals.

Challenge/opportunity *[200 words maximum description.]*

“Piki ake, kake ake i te toi huarewa, Te ara o Tawhaki i piki ai ki runga” This quote from a famous Oriori “Pinpine te kura” and is a reminder when facing struggles and building resilience we must search for the appropriate way forward provided from previous knowledge.

An important part of embedding a suite of measures is training and creating measurement tools. This training will have to be delivered to the wider groups to ensure consistency. Once these measures have been created we will also require pre-post measurement of current and new community resilience plans for CRI’s across the regions. Given the variability in hazards, geographical situation and communities of interest [can include marae, hapu, religious communities or shared interest groups] we will also measure SRI’s selected by communities. The greatest challenge will be the appropriate time given to the project. To cater for the span of the project we also require a second year of funding to complete all measurables and have a comparative measure amongst the groups. This will also give us capability and frameworks to appropriately measure and conduct post event debriefs with the community to further enhance resilience amongst communities. It will also allow the indicators to be shared nationwide as well as the current group standards. Our final year would expand this project further to gauge and

co-ordinate a national resilience measure. We would look to co-host a forum and provide training around these indicators and include all CDEM groups.

Alignment with identified goals and objectives identified in the CDEM sector *[200 words maximum description.]*

This project is implicitly tied to increasing community awareness, understanding, preparedness and participation in civil defence emergency management & enhancing New Zealand’s capability to recover from civil defence emergencies. Initially, the project can contribute to readiness through community engagement and informing/understanding communities better. Due to the indicators being a measurable we will be capable to document the differences in strategies for each community. The project aligns with sector capability assessment work and will be delivered across multiple groups from its inception. It also aims to apply nationwide definitions to entail greater consistency throughout the sector. The inter-group training would enhance core business for community engagement and promote capability development within the sector.

Dissemination of benefits to sector *[200 words maximum description.]*

This project would be the largest Kaupapa Māori based initiative in the sector. The project lends itself to responsiveness to Māori through its core framework and using community-based resilience indicators. It also shows potential to address urban communities. By focussing on communities of interest we have a greater potential to influence people with historical connections to institutions and have a tool to measure differences made within the community. We could also utilise these indicators post event to better respond to communities and guide them in recovery. This could be helpful in Public information management and allows a controlled access point for media.

Project design

Project manager	Karl Wairama
Other project members	Waikato CDEM - Justin Douglas, Bay of Plenty - Matthew Harrex, Hawkes Bay CDEM – Denal Meihana, East Coast LAB
External providers/contractors	Universities

Deliverables

Milestones	Date for completion	Cost
Year One Initial scoping phase: Literature Review – Working with East Coast LAB and Universities to define research-based Core Resilience Indicators and advise current Community Resilience Plans.	July - September 2019	\$15,000
Community led scoping phase: Secondary Resilience Indicators - Engagement with communities including Tangata Whenua with an experience of events, to qualitatively understand their resilience indicators. [5 x community workshops and individual interviews]	October 2019 - January 2020	\$40,000
Inter-Group Training Completed Creation of training package and tools [3 x Training Sessions for all Community engagement staff]	February 2020	\$10,000

Initial indicator measurements, collation of data. Create social marketing campaign to display work.	March – May 2020	\$35,000
Final Report Budget allows for project management, travel, workshops and associated costs such as project consumables, printing etc.	July 2020	
Year Two		\$65,000
Year Three		\$65,000
Three Year Total		\$230,000
Identified risks		
Risks	Suggested management	
1. Commitment to timeframes to collate data and produce final report.	Project Manager will provide monthly report to group manager and create ½ yearly interim report and seek feedback from partners and MCDEM as part of the project.	
2. Major events in either of the three initial regions.	This will provide an opportunity to measure and support either region that is affected and assess secondary resilience indicators.	
3. Expectations related to following phases which may not be funded.	Clearly defined scope of project and limitations. If the benefits are clearly scoped for continuation of the project, then we could increase the likelihood of further funding.	
Funding request and use		
CDEM resilience fund contribution	\$230,000	
Local authority/organisation contribution	Project Management costs will be allocated directly from HBCDEM. In-kind staff time for project leadership and staff time (all participating CDEM Groups) for assistance and reviewing project.	
Other sources of funding or support	Advice and support will be provided through East Coast LAB and Hawkes Bay Regional Council through the Pou Whakarae to support engagement with tangata whenua.	
Budget <i>[Please supply spreadsheet]</i>		
Applies if application exceeds \$100,000 over the life of the project	Do you wish to attend a hearing in support of this application?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
Application confirmation		
Approval of Chief Executive		
CDEM Group comment		
Fully support this project. Community resilience is required across the four R's. For us to be responsive to our community we need to be responsive to Māori under Te Tiriti o Waitangi.		