

The SRIC-CC Program through various partners was successful in improving the livelihoods of the Cook Islands communities in the Pa Enua through food security, water harvesting, capacity building, and policy support for CCA and DRM, tourism, coastal management, health and communications.

Through the SRIC-CC Program, Climate Change Adaptation and disaster risk management has been mainstreamed in development plans of key sectors in each of the islands. This provides a basis for government to invest in adaptation and disaster risk reduction measures as part of the Cook Islands National Strategic Plan (2016-2020) climate change goal on adaption to the domestic impacts of climate change and contribute to global efforts to abate greenhouse gas emissions.

The table below showcases the targets/percentages of Overall Achievement for the SRICC- Program. All targets were achieved in Components 1,2 and 4. In Component 3 only 1 out of 6 Outputs did not achieve 100%. Outputs 3.1, 3.2, 3.4, 3.5 and 3.6 were 100% achieved, while 3.3 achieved 94% of its overall target. It was a very successful Program that positively impacted the Pa Enua in strengthening the resilience of our Pa Enua communities to Climate Change.

Table 2 Results - Targets and Percentage of Overall Achievement for the SRIC-CC Program

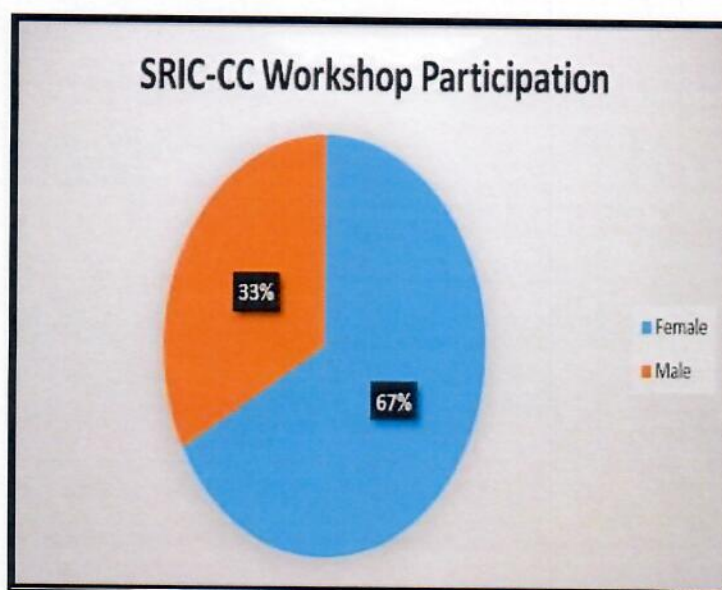
Component	Indicator	Target	Achieved	%
1	# Households	1600	2000	125%
	# Trained Public Officers	100	150	150%
1.1	Training for Staff & Communities	100	2651	2651%
	# Government Staff included in JD	75	75	100%
1.2	Relevant CCA & DRR Policy	4	13	325%
1.3	Clews AWS install	3	5	167%
2	Focal Points	11	11	100%
	50% women (out of 11 Focal Points 6 are women)	55%		
2.1	Action Plans	11	13	118%
2.2	Training for Staff & Communities	500	2651	530%
	50% women (67% of participants in the workshop are women)	67%		
3.1	# SGP	50	51	102%
	50% women (out of 51 projects 27 are lead primary by women)	53%		
3.2	# Households	750	1329	177%
	# Islands	5	11	220%
3.3	ML of Water (Midterm Review recommendation to change target from 14ML to 6.6ML)	6.6	6.2	94%
	# Islands	10	11	110%
3.4	KM	20	20.5	103%
	# Islands	3	4	133%
3.5	Enterprises	50	50	100%
3.6	# Households	400	2000	500%
4.1	Knowledge Materials	30	113	377%
4.2	Training Packages	4	11	275%

Component 1 Strengthening and implementing climate change adaptation and disaster risk reduction at national level.

Under this output, the key activities undertaken included; 1.1 National and sector policies, related instruments, and work programmes enhanced in ways that support CCA and DRM in the Pa Enea, consistent with island development plans; 1.2 Staff of national agencies and organisations on the NCCCT trained and working in ways that improve coordination and delivery of CCA and DRM initiatives on the ground in the Pa Enea and 1.3 Fully operational climate early warning and information systems

Institutional framework has been strengthened through establishment of partnerships with Island governments, Island councils, Aronga Mana, Communities, Government Agencies, Private Sector and Non-Governmental Organizations (NGO). These partnerships have been strengthened through training to enable them support implementation of on-ground adaptation and disaster risk reduction measures. Working through existing national and island structures has ensured ownership of project results, ensures retention of capacity in the community and provides a strong foundation for sustainability of results. Overall the capacity building had a participation of 2651 (67% women and 33% men) that created awareness in climate and disaster risk assessment and management.

Graph 1 – Highlights the Gender breakdown of women and men who participated in the SRIC-CC workshops.



The program established automatic weather station (AWS) for early warning on weather and supported disaster management in the Pa Enea on five islands. The AWS unit will enabled National Metrological Services to provide real time forecasts to inform early warnings and provide much needed data for fisherman and farmers. Development of the early systems can provide responsive warnings and disaster management committees can be able to mobilize communities that can result in reducing vulnerability of up the Pa Enea. Data collected for the AWS units will provide weather applications on smart devices information that farmers and fisherman can use.

Map 2 – Highlights the different islands with installed fully operational climate early warning and information systems funded by SRIC-CC.

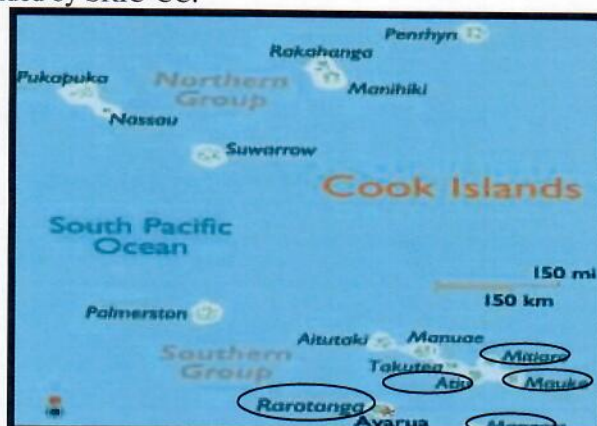
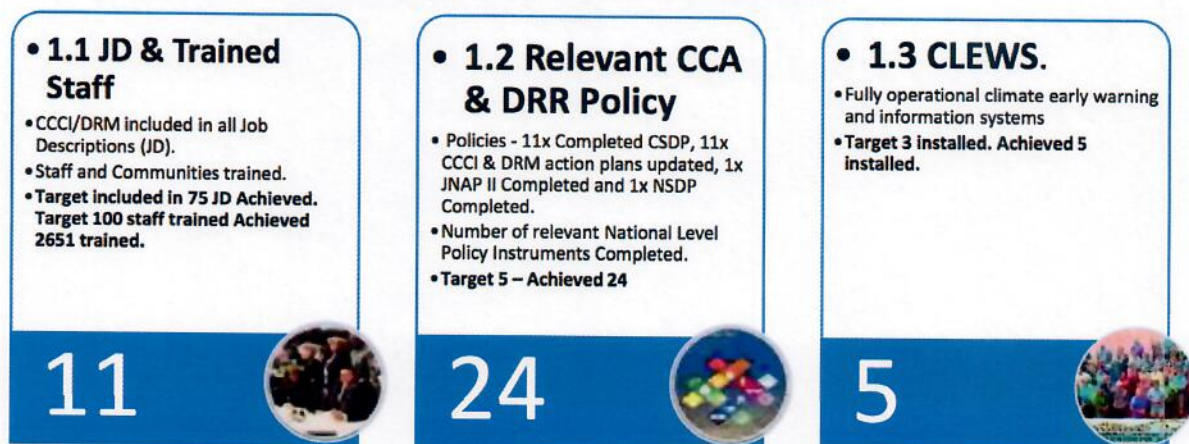


Chart 1 below shows the completed project indicators for Component 1:



Component 2 Strengthening capacities for climate change adaptation and disaster risk reduction in the Pa Enua.

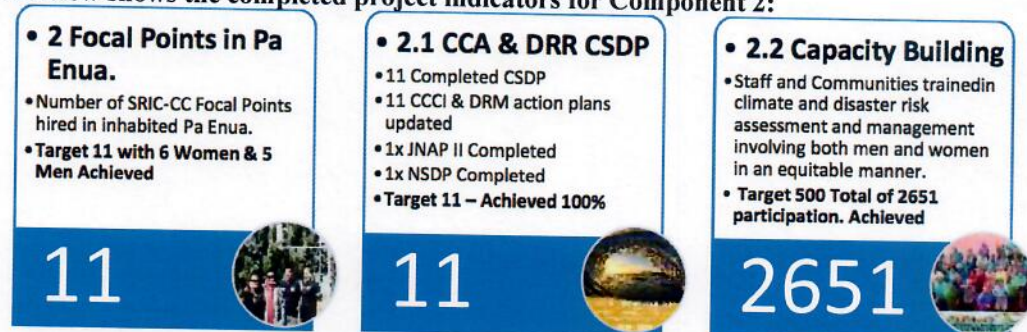
Activities undertaken to strengthen and build community capacities for climate change adaptation and disaster risk reduction in the Pa Enua include 2.1 Integrated climate change adaptation and disaster risk reduction action plans for each of the 11 inhabited Pa Enua, including harmonization with island development plans and 2.2 In each of the 11 inhabited Pa Enua, island councils, administrators, technical officers, farmers, fishers, households and business owners trained in planning and undertaking integrated climate change adaptation and disaster risk reduction initiatives, consistent with the island development plans.

Through the climate change adaptation planning process, staff and policy makers capacity has been built about the importance of mainstreaming climate change adaptation into development planning and enhanced understanding of the practical realities of mainstreaming climate change adaptation into

development planning and budgeting. The overall successes in policy support with the development of integration of climate risk management in relevant national policy frameworks such as the development implementation of the National Sustainability Plan - NSDP (2016-2020), JNAP II (2016-2020), Pa Enua DRM and CSD Plans for each of the Pa Enua.

The project established basic DRM and CCA management structures at the grass-roots level and enabled a basic understanding of hazards, risk, and suitable adaptation measures amongst the target government agencies, enterprises, island government/councils, aronga mana, and communities. By working with schools as well as communities, the beneficiaries were not only the adult population, but also youth, who have shown a keen interest in DRM and CCA. The project provided capacity development of the local disaster management committee through structured training, as well as coaching on-site during the facilitation of awareness sessions. These committees will remain after the project ceases and continue to work on building up adaptation measures within their communities. Through the project they have established close links with the local authorities, NGO's and will therefore be able to access further support in the future.

Chart 2 below shows the completed project indicators for Component 2:



Component 3 - Implementing climate change adaptation and disaster risk reduction measures in the Pa Enua.

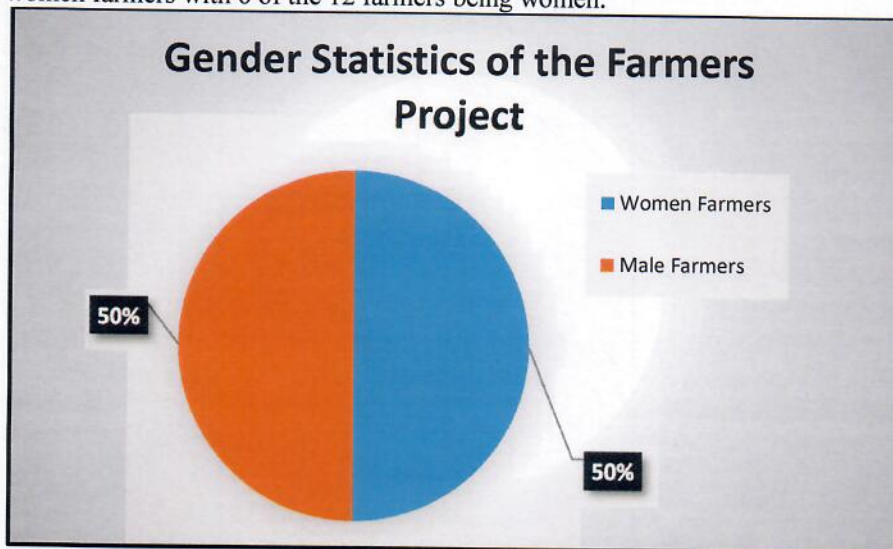
Key activities under this component included, 3.1 Small grants to the 11 Pa Enua and their communities, to implement CCA and DRR within the framework of integrated island- and community-level DRR and CCA action plans and the island strategic development plans; 3.2 Climate-resilient agricultural and fisheries practices implemented in at least 5 Pa Enua; 3.3 Water capture, storage and groundwater management capacities are enhanced in at least 4 Pa Enua through community based actions and infrastructure climate-proofing projects; 3.4 Coastal protection enhanced in at least 3 Pa Enua; 3.5 Resilience of tourism enterprises to climate change enhanced in at least 3 Pa Enua and 3.6 Health support and vector-borne disease control techniques introduced in at least 5 Pa Enua to address climate-induced health risks.

To encourage sustainable tourism, small grant programs, marine and agriculture, the Program establish environment awareness signs, capacity building, encourage traditional fishing and agriculture techniques, developing the creative industries with the tourism market and developed P3D model in five islands.

The Program developed food security by improving climate friendly farming practices and opportunities for unemployed youth and elderly. The Farmers Project worked with 12 farmers (6 women and 6 men) to organically farm fruits and vegetables for the local market on the island and to export the excess produce to the market in Rarotonga. Partnerships were established with the Business Trade Investment Board and retailer Prime Foods. It was a successful project that encouraged organic

and traditional farming practices and provided employment opportunities that motivated the youth to stay on the islands.

Graph 2 – Highlights the Gender breakdown of women and men who participated in the SRIC-CC Farmers Project. Farmers on the Pa Enua islands are typically male. This project has encourage and supported women farmers with 6 of the 12 farmers being women.



Small Grant Projects implemented 50 Small Grant Projects in the Pa Enua. SRIC-CC also implemented coastal management activities. It helped to establish nursery to produce tree saplings for plantation along the coast lines, native plants for traditional crafts, oils and medicines and also vegetable seedlings for farmers which has contributed in economic development of women and also built leadership.

The Program supported rain water harvesting activities at household and community level, that continue to assisted in times of droughts and natural disasters. Water support programs also contributed in awareness of health issues from water borne diseases. Household rain harvesting helped to address water shortage and lessened the manual labor of women who had to suffer as they tend to be the ones dealing with carting water. It also alleviated pressure on the most vulnerable who had the addition pressure to cater water for their household. Additional adaptation measures adopted include installation and upgrade of water tanks for further 6,249,000 M Liters in the Pa Enua. This project has increased water storage capacity and strengthen water security for the communities.

The program worked with the Ministry of Health to address waterborne diseases, mosquito eradication and as a result islands had no waterborne or vector borne disease reported in the recent since 2016. It also distributed wheel chairs to disabled people in all 12 islands.

All project activities have given priority to vulnerable households of the islands. The partnerships initiated are good indicators of increasing the resilience in these sectors at the community level.

Chart 3 below shows the completed project indicators for Component 3:



Component 4 Climate change adaptation knowledge management.

Under this output, the project supported documentation of community experiences digital stories and photo essays; and development of a Facebook page for Climate Change Cook Islands to act as a hub and key repository for information on climate change impacts and adaptation measures. The activities included, 4.1 Lessons learned and best practices are generated (case studies, photo stories, short videos, posters, brochures, etc.) and distributed to other communities, civil society, policy makers in government and globally through appropriate mechanisms and 4.2 Training materials incorporating climate change issues developed and used for training of field staff, students and other key players.

An important achievement of the project has been the development of Social Media, Marketing and stories. Social Media has been developed to act as a hub and key repository for information on climate change impacts and adaptation measures <https://www.facebook.com/climatechangecookislands>. As a result, SRIC-CC actions on climate change adaptation have been shared globally. All the knowledge

products, community experiences and stories have been uploaded to the website and can be accessed by the global community and positioned Cook Islands as a leader in climate change action.

A total of 113 knowledge materials were achieved during the program. Examples of stories, videos and photo essays uploaded on the website on Cook Islands SRIC-CC include:

Stories and Photo Essays

Adaptation Fund. *Adaptation Fund: 10 Years of Innovation, Action and Learning*, 2017 < https://www.adaptation-fund.org/wp-content/uploads/2017/11/Adaptation-Fund-10-Years-of-Innovation-Action-Learning_WEB.pdf>.

Adaptation Fund. *Cook Islands: Protecting Coastlines and Turtle Nesting Sites*, 5 October 2017 < <https://www.adaptation-fund.org/cook-islands-protecting-coastlines-turtle-nesting-sites/>>.

Adaptation Fund. *Cook Islands: Life Jackets in Paradise*, 18 September 2017 < <https://www.adaptation-fund.org/cook-islands-life-jackets-paradise/>>.

Adaptation Fund. *Cook Islands: A Labor of Love*, 1 August 2017 < <https://www.adaptation-fund.org/cook-islands-labor-love/>>.

Egan, Andrea, Tuiravakai, Melina and Takemoto, Shoko. *United Nations Development Program: Young Farmers Strengthening the Agricultural Resilience of the Cook Islands to Climate Change*, 13 January 2017 < <https://undp-adaptation.exposure.co/young-farmers> >.

Tuiravakai, Melina and Smith, Kate Jean. *United Nations Development Program: A Farming Family*, 1 December 2017 < <https://undp-adaptation.exposure.co/a-farming-family-affair> >.

Tuiravakai, Melina and Smith, Kate Jean. *United Nations Development Program: Sheltered Shores Penrhyn Community in Paradise Protects Coastline and Turtles*, 26 October 2017 < <https://undp-adaptation.exposure.co/sheltered-shores> >.

Videos

Climate Change Cook Islands. *"Food Security – Traditional Fishing Methods for Tuna in Mangaia"*. 25 January 2018 < <https://www.youtube.com/watch?v=zDNSfG9erGc>>.

Climate Change Cook Islands. *"Resilient Livelihoods and Traditional Knowledge -Raurau Akamatutu Workshop Facilitator Aunty Rangi Mitaera-Johnson"*. 21 April 2017 < https://www.youtube.com/watch?v=SGFQf-5_GJs>.

Climate Change Cook Islands. *"P3D Model of Mangaia Completed with Participants from Community and Schools"*. 12 September 2016 < https://www.youtube.com/watch?v=u1_gLyOMTts>.

Climate Change Cook Islands. *"Eco Tourism -Mangaia Hidden Paradise"*. 5 August 2016 < <https://www.facebook.com/climatechangecookislands/videos/1151333738242835/>>.

Climate Change Cook Islands. *"SRIC-CC Mitiaro Paiere Project"*. 30 May 2016 < <https://www.youtube.com/watch?v=v-ZOU85KDp4>>.

Climate Change Cook Islands. *"SRIC-CC Projects Pukapuka"*. 27 May 2016 < <https://www.youtube.com/watch?v=CcNvpHaRMIU>>.

Climate Change Cook Islands. *"Exceive Papa Youth Representative from Climate Change Pa Enua Southern Group Students Workshop - Traditional and Leadership Capacity Building at Brilliant Resilient National Seminar"*. 12 May 2016 < <https://www.youtube.com/watch?v=5RLj7t6yK2M>>.

Cook Islands. *"Traditional Knowledge- Mitiaro Students Paiere Project on Traditional Sustainable Fishing Chant"*. 22 April 2016 < <https://www.facebook.com/climatechangecookislands/videos/1085253501517526/>>.

Climate Change Cook Islands. *"A Lifetime of Change"*. 12 February 2015 < <https://www.youtube.com/watch?v=RejAyW2Ewmk>>.