

# GCCA +

THE GLOBAL CLIMATE CHANGE ALLIANCE PLUS INITIATIVE



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the European Union

## SCALING UP PACIFIC ADAPTATION (SUPA)

### Nauru In-Country Consultation 23 January 2020

Department of Commerce, Industry & Environment Conference  
Room, Yaren District, Nauru

### Consultation Report



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## Executive Summary

The Global Climate Change Alliance Plus - Scaling up Pacific Adaptation (GCCA+ SUPA) is about scaling up climate change adaptation measures in specific sectors supported by knowledge management and capacity building. The 4.5 year project (2019-2023) is funded with EUR 14.89 million from the European Union (EU) and implemented by The Pacific Community (SPC) in partnership with the Secretariat of the Pacific Regional Environment Programme (SPREP) and The University of the South Pacific (USP), in collaboration with the governments and peoples of Cook Islands, Federated States of Micronesia (FSM), Fiji, Kiribati, Marshall Islands, Nauru, Niue, Palau, Tonga and Tuvalu.

The initial plan in Nauru was to hold a two-day consultation (22<sup>nd</sup> and 23<sup>rd</sup> January) however, following side meetings with stakeholders it was agreed that (i) given the context in Nauru a condensed one-day meeting would be better; and (ii) invitations to the consultation should also be sent to representatives of the 14 districts. The in-country consultation in Nauru took place on 23<sup>rd</sup> January 2020 and participants consisted of district representatives and representatives of Department of Commerce, Industry and Environment (DCIE), Department of Infrastructure, Department of Health, Nauru Utilities Corporation and Eco Nauru.

The consultation was successful in achieving the objectives. The project was introduced to the participants by SPC and clarification was made on SPREP's component of the project and the possible timelines for implementation. Stakeholders were given the opportunity to discuss the water security issues currently faced in Nauru and they unanimously agreed that increased water storage is the priority requirement at the household level. They ranked rainwater harvesting and the development of groundwater resources as second and third respectively.

Stakeholders provided the advantages and disadvantages of the different types of tanks i.e. galvanized, Colorbond, polyethylene and concrete tanks. Training in maintenance and the provision of tools for maintenance were highlighted as important components for the project. Stakeholders also ranked five prioritised criteria for the selection of households for the GCCA+ SUPA project.

The Water Unit within DCIE provided insight into past and ongoing water storage projects in Nauru. The Government of Italy project provided 39 selected households with 20,000 litre Colorbond tanks and these have been installed. The Australian Agency for International Development project is ongoing and when completed will have installed 102 galvanized tanks. The Japanese and Canadian government partnership installed a 12-panel solar distillation plant at a farm near Buada Lagoon and a 5-panel solar distillation plant at a primary school. The Ridge to Reef project connected rainwater harvesting systems to existing water tanks for 43 selected households. The DCIE project is providing 50 selected households with 10,200 litre polyethylene tanks. SPC also provided more information on the rainwater harvesting measures installed in Niue and FSM and recommended that if GCCA+ SUPA were to focus on rainwater harvesting then the project would look at installing the entire system.

Based on the discussions, four key result areas were identified for the project in Nauru:

**KRA 1:** Selection of households: Analysis of census data, ground checks, preparation of list of households, signed agreements with households.

**KRA 2:** Purchase and installation of materials (water storage tanks, concrete bases, taps) for selected households.

**KRA 3:** Household training in maintenance and awareness campaign on maintenance and the importance of ensuring access to potable water.

**KRA 4:** National coordination.

Following the consultation the Concept Note for the project in Nauru was developed and will be submitted to the EU for endorsement. A project design document detailing activities, timeframes and the budget will also be developed. This will need to be agreed to by SPC and the Government of the Republic of Nauru. Next steps for 2020 were also identified.

## Background



*Participants during the consultation*

## Introduction

Climate change and natural disasters are among the greatest challenges jeopardising and undermining the ability of all countries, in particular Pacific countries, to achieve the sustainable development goals and reduce poverty. The Global Climate Change Alliance Plus – Scaling Up Pacific Adaptation (GCCA+ SUPA) project falls under the GCCA+ flagship initiative, which has three priorities: (i) mainstreaming climate change issues into poverty reduction and development efforts; (ii) increasing resilience to climate related stresses and shocks; and (iii) Supporting the formulation and implementation of concrete and integrated sector-based climate change adaptation and mitigation strategies.

The GCCA+ SUPA project is about scaling up climate change adaptation measures in specific sectors supported by knowledge management and capacity building. The 4.5-year project (2019-2023) is funded with EUR14.89 million from the European Union (EU) and implemented by the Pacific Community (SPC) in partnership with the Secretariat of the Pacific Regional Environment Programme (SPREP) and the University of the South Pacific (USP) in collaboration with the governments and peoples of Cook Islands, Federated States of Micronesia (FSM), Fiji, Kiribati, Republic of the Marshall Islands (RMI), Nauru, Niue, Palau, Tonga and Tuvalu.

The overall objective is to enhance climate change adaptation and resilience within ten Pacific Island countries. The specific objective is to strengthen the implementation of sector-based, but integrated, climate change and disaster risk management strategies and plans.

The three key outputs for the GCCA+ SUPA project are:

1. Strengthen strategic planning at national levels;
2. Enhance the capacity of sub-national government stakeholders to build resilient communities; and
3. Scale up resilient development measures in specific sectors.

The activities will adopt a people-centred approach throughout and will take into account lessons learnt and wise practices from the regional, national, sub-national and community-based projects and programmes implemented over the last decade.

The Action will contribute to the *Framework for Resilient Development in the Pacific (FRDP)*, the *Sendai Framework for Disaster Risk Reduction*, the *Paris Agreement to the United Nations Framework Convention on Climate Change*, and the *Sustainable Development Goals*, especially Goal 1: No poverty, Goal 2: Zero hunger, Goal 3: Good health and well-being, Goal 5: Gender equality, Goal 6: Clean water and sanitation, Goal 13: Climate action and Goal 14: Life below water.



The Nauru National Sustainable Development Strategy (2005-2025) is a blueprint for the reforms that are needed to improve the quality of life for all Nauruans. It is underpinned by partnerships between the government, donors, the private sector, communities and individual citizens. With regard to climate change, Nauru outlined its climate change priorities in its first National Communication prepared under the United Nations Framework Convention on Climate Change (UNFCCC) in 1999. The second National Communication was prepared in 2014. The focal point for all climate resilient activities in Nauru is the Department of Commerce, Industry and Environment (DCIE). The DCIE is also the National Focal Point for the UNFCCC and the Operational Focal Point for the Global Environment Facility.

Key challenges to adaptation in Nauru include:

- Raising public awareness about climate change risks;
- Technical capacity constraints in permanent positions to take on the task of managing climate change risks over the near and long term;
- Retention of skilled personnel in-country through appropriate levels of remuneration and other means; and
- Ensuring that gender-sensitivity and vulnerabilities of different community members are addressed in the implementation of climate change activities.

The in-country consultation for the GCCA+ SUPA was held at the DCIE conference room, Yaren District on 23<sup>rd</sup> January 2020.

### **Consultation objectives**

The consultation had the following objectives:

1. Introduction of GCCA+ SUPA project to stakeholders in Nauru.
2. Sharing of information from government and communities about water security priorities in Nauru.
3. Confirmation of key result areas for GCCA+ SUPA project.

### **Consultation agenda**

The agenda is presented as Annex 1.

### **Participants**

The participants included representatives of:

- District communities;
- Department of Health;
- Department of Infrastructure;
- Nauru Utilities Corporation;
- Eco Nauru;
- Department of Commerce, Industry and Environment; and
- GCCA+ SUPA project team from SPC.

The list of participants is presented as Annex 2.



*Participants' group photo*

### **Consultation methodology**

The consultation was facilitated by Ms. Erana Aliklik, GCCA+ SUPA Nauru National Coordinator. She welcomed the participants and the GCCA+ SUPA team and also provided a brief outline of the Agenda. This was followed by Opening Remarks from Mrs. Berilyn Jeremiah, Secretary for DCIE. The Secretary highlighted that the GCCA+ SUPA project will be focusing on the water sector and the objective of the consultation was to hear from stakeholders their experiences with past water projects.

Dr. Gillian Cambers, Project Manager, GCCA+ SUPA outlined how the GCCA+ SUPA project was developed. She highlighted that GCCA+ SUPA is not about starting from scratch. The meeting objectives and areas for discussion were also shared. Gillian encouraged the discussion to focus on realistic expectations given the limited funding.

The project was introduced to participants by SPC and clarification was made on the following:

- Budget allocation – Stakeholders were informed that each of the ten countries will receive EUR 500,000 from SPC to scale up successful on-the-ground adaptation interventions. This is classified as direct support from SPC. SPC will also provide indirect support to countries e.g. technical input, communications and visibility, project management oversight, etc. The budget available for on-the-ground measures for Nauru is EUR 420,000 or AUD 600,000. This is the balance after deducting, from the direct support, the national coordinator costs (EUR 60,000) and contingency (EUR 20,000).
- Timelines – Stakeholders were informed that project activities could commence in Q2 2020.
- Modalities for funds transfer – funds transfer can either be through a grant agreement between SPC and Government of the Republic of Nauru or direct procurement by SPC or a blend of the two modalities.
- Component 1 of GCCA+ SUPA – Stakeholders were interested in how SPREP will select the three countries and they were informed that SPREP will be able to provide an update on their component at the GCCA+ SUPA steering committee meeting in August as they are in the process of recruiting staff for the project.

Following the presentation by SPC, the Water Unit in Nauru provided an update on previous water security measures in Nauru. The Government of Italy project provided 39 selected households with 20,000 litre Colorbond tanks and these have been installed. The Australian Agency for International Development project is ongoing and when completed will have installed 102 galvanized tanks. The Japanese and Canadian government partnership installed a 12-panel solar distillation plant at a farm near Buada Lagoon and a 5-panel solar distillation plant at a primary school. The Ridge to Reef project connected rainwater harvesting systems to existing water tanks for 43 selected households. The DCIE project is providing 50 selected households with 10,200 litre polyethylene tanks. SPC also provided more information on the rainwater harvesting measures installed in Niue and FSM and recommended that if GCCA+ SUPA were to focus on rainwater harvesting then the project would look at installing the entire system. The presentations by the Water Unit and SPC laid the foundation for the group discussions.

The first group discussion focused on the:

1. Identification of the water security issues in Nauru – water security issues in Nauru include, but is not limited to, water storage capacity, affordability of desalinated water, types of tanks being used, distribution of tanks (i.e. vulnerability or other criteria, water quality, water loss and reliance on government and donors to provide water storage).
2. Information on what has been done by communities and government to address the issues – donation of water tanks by DCIE, installation of rainwater harvesting for selected households by the Ridge to Reef project, housing scheme whereby government improved roofing structures and provided tanks.
3. Advantages and disadvantages of the different types of tanks

<b>Type of tank</b>	<b>Galvanized</b>	<b>Colorbond</b>	<b>Polyethylene</b>	<b>Concrete</b>
Advantages	Shipping cost is low compared to Colorbond tanks and easy to clean	Lasts longer than galvanized tanks	Does not rust (unlike galvanized and Colorbond tanks), cheaper and quick to install	Lasts longer than galvanized, Colorbond and polyethylene tanks
Disadvantages	Rusts over time	Rusts over time and more expensive than galvanized tanks	Hard to clean the inside of the tank, not climate-proof (especially high temperatures in Nauru) and high shipping costs	Expensive to install and remove and susceptible to leaching

4. Issue of maintenance of water storage and how it can be addressed – maintenance can be addressed through capacity building and the provision of basic tools and equipment for maintenance to tank recipients, increased awareness on the importance of obtaining good quality water, the provision of a shelter for Polyethylene tanks to protect the tanks from the sun and burying Polyethylene tanks underground.
5. Identification of three priority actions to address water security in Nauru – groups identified the following: increased water storage, rainwater harvesting and development of groundwater resources.

The second group discussion focused on:

1. Prioritising the three priority actions identified earlier and providing justification – all three groups unanimously agreed that increased water storage is the priority requirement at the household level. They ranked rainwater harvesting and the development of groundwater resources as second and third respectively. Justification provided include, but is not limited to, sizeable water storage is expensive for most families and increasing the water storage will enable vulnerable families to meet the standard daily water intake requirement. Groups also recommended that the water storage be between 18,000 to 40,000 litres.
2. Ranking five prioritised criteria for the selection of households for GCCA+ SUPA – the five prioritised criteria are: households with no tanks (or with tanks less than 5,000 litres), households without access to any water source, number of people in a household, number of elderly, children and people with disabilities in a household and economic situation i.e. no person in the household is employed.

The meeting was concluded by Ms. Aliklik who thanked the participants and the GCCA+ SUPA team.

### **Consultation outcomes**

1. The consultation provided an opportunity for stakeholders to understand the scope of the GCCA+ SUPA project and to share information about water security priorities in Nauru.
2. Based on the discussions, four key result areas were identified for the project in Nauru:  
**KRA 1:** Selection of households: Analysis of census data, ground checks, preparation of list of households, signed agreements with households.

**KRA 2:** Purchase and installation of materials (water storage tanks, concrete bases, taps) for selected households.

**KRA 3:** Household training in maintenance and awareness campaign on maintenance and the importance of ensuring access to potable water.

**KRA 4:** National coordination.

Following the consultation the Concept Note for the project in Nauru was developed and will be submitted to the EU for endorsement. A project design document detailing activities, timeframes and the budget will also be developed. This will need to be agreed to by SPC and the Government of the Republic of Nauru. Next steps for 2020 were also identified.

### **Planning the next steps in 2020 for GCCA+ SUPA**

Tentative timelines are given below.

- **21<sup>st</sup> February 2020:** First draft of PDD ready and sent to DCIE.
- **31<sup>st</sup> March 2020:** PDD finalised and signed.
- **30<sup>th</sup> April 2020:** Grant Agreement for activities signed.
- **May/June 2020:** Implementation starts.
- **Nov/Dec 2020:** Procurement of materials (water storage tanks, concrete bases, taps).
- **Jan/Feb 2021:** Installation starts.

### **Consultation evaluation**

Participants completed individual evaluation forms; these have been compiled and are presented in Annex 3. The meeting objectives were met and all of the respondents felt engaged and that their input was given full consideration. Concerning expectations of the consultation, 67% expressed that the consultation had met their expectations. Comments given by the participants will inform future consultations.

- *Presenters were clear with their group presentations, facilitators were patient and shared their GCCA+ SUPA project role and funds information. Food was amazing and this made the participants engage throughout. Thank you GCCA+ SUPA team.*
- *To my understanding this project needs to start ASAP. Thank you.*
- *Hoping that the selected committee would work effectively to succeed and achieve the goal that has been set forth by this workshop. Very important for Nauru's development.*
- *This was a really great opportunity to be engaged in, and I'm willing to participate in any future meetings with the CIE department. Also food was great! Thanks!*
- *Hoping damaged tanks will also be prioritised in regards to vulnerable households.*

## Annex 1: Agenda



### Global Climate Change Alliance Plus – Scaling Up Pacific Adaptation (GCCA+ SUPA) Project Nauru In-country Consultation

23 January 2020, Department of Commerce, Industry & Environment Conference Room, Yaren

#### Consultation objectives:

1. Introduction of GCCA+ SUPA project to stakeholders in Nauru.
2. Sharing of information from government and communities about water security priorities in Nauru.
3. Confirmation of key result areas for GCCA+ SUPA project.

Agenda		Presenter / Facilitator
8:30am	Registration	
9:00am	Opening Prayer	
9:05am	Welcome & Opening remarks	Mrs. Berilyn Jeremiah (Secretary for Commerce, Industry and Environment)
9:15am	Remarks from the GCCA+ SUPA Project and overview of consultation objectives	Dr. Gillian Cambers (Project Manager, GCCA+ SUPA)
9:30am	Group photo & Morning tea	
10:00am	Introduction to GCCA+ SUPA Project	Mrs. Titilia Rabuatoka (Project Implementation Officer, GCCA+ SUPA)
10:15am	Financing arrangements for implementation of GCCA+ SUPA Project	Mr. Sheik Irfaan (Finance Manager, GCCA+ SUPA)
10:30am	Perspectives on water security measures implemented between 2012 and 2019	Mr. Jaden Agir (Monitoring Officer, Water Unit)
10:45am	Perspectives on water security measures implemented in other Pacific Island countries by GCCA	Dr. Gillian Cambers
11:00am	Small group discussions: <ul style="list-style-type: none"> <li>• What are the water security issues communities are currently facing?</li> <li>• What has been done by communities and government to address these issues?</li> <li>• List three priority water security needs in Nauru.</li> </ul>	Erana Aliklik (National Coordinator, GCCA+ SUPA)
12:15pm	Groups present back to the main group	
1:00pm	Lunch	
2:00pm	Summary of the outcomes of the group discussions and outline of possible areas to be covered by GCCA+ SUPA	Erana Aliklik
2:30pm	Small group discussions: <ul style="list-style-type: none"> <li>• Discuss priorities for GCCA+ SUPA</li> </ul>	
4:00pm	Wrap up and evaluation	Erana Aliklik

## Annex 2: List of Participants

**Global Climate Change Alliance Plus – Scaling Up Pacific Adaptation (GCCA+ SUPA) Project  
Nauru In-country Consultation  
23 January 2020, Department of Commerce, Industry & Environment Conference Room, Yaren**

No.	Name	Gender	Organisation	Email / Phone
1	Evayne Gaubidi	F	Department of Commerce, Industry & Environment (DCIE)	<a href="mailto:amomazegaubidi75@gmail.com">amomazegaubidi75@gmail.com</a>
2	Gad Demaunga	M	Ijuw Community	<a href="mailto:gaddee1966@gmail.com">gaddee1966@gmail.com</a>
3	Jaden Agir	M	Water Unit, DCIE	<a href="mailto:jadenagir7@gmail.com">jadenagir7@gmail.com</a>
4	Gabrissa Hartman	F	Department of Infrastructure	<a href="mailto:shirani.hartman@gmail.com">shirani.hartman@gmail.com</a>
5	Samuel Grundler	M	PAD	<a href="mailto:samuel.grundler@gmail.com">samuel.grundler@gmail.com</a>
6	Mark Hiram	M	Nauru Utilities Corporation	<a href="mailto:mark.hiram@nuc.com.nr">mark.hiram@nuc.com.nr</a>
7	Edward Grundler	M	Meweng Community	<a href="mailto:eddygrundler@gmail.com">eddygrundler@gmail.com</a>
8	Haseldon Buraman	M	Eco Nauru	<a href="mailto:haseldon@gmail.com">haseldon@gmail.com</a>
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19	Marissa Cook	F	Agriculture, DCIE	<a href="mailto:directoragcie@gmail.com">directoragcie@gmail.com</a>
20	Neida-Ann Hubert	F	Anabar Community	<a href="mailto:annsteshia22@gmail.com">annsteshia22@gmail.com</a>
21	Deldeab Deduna	M	Ridge to Reef Project, DCIE	<a href="mailto:noli.deduna84@gmail.com">noli.deduna84@gmail.com</a>
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23	Erana Aliklik	F	GCCA+ SUPA Project, DCIE	<a href="mailto:eranalik12@gmail.com">eranalik12@gmail.com</a>
24	Gillian Cambers	F	GCCA+ SUPA Project, SPC	<a href="mailto:gillianc@spc.int">gillianc@spc.int</a>
25	Sheik Irfaan	M	GCCA+ SUPA Project, SPC	<a href="mailto:SheikI@spc.int">SheikI@spc.int</a>
26	Titilia Rabuatoka	F	GCCA+ SUPA Project, SPC	<a href="mailto:titiar@spc.int">titiar@spc.int</a>

### Annex 3: Evaluation summary

Total responses: Male – 11; Female – 4

<b>1. Meeting objective</b>	<b>1 (lowest)</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5 (highest)</b>
On a scale of 1-5, with 5 being the highest and 1 the lowest, to what extent did the meeting achieve its objectives?				7	8
<b>2. Participation</b>	<b>1 (lowest)</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5 (highest)</b>
On a scale of 1-5, with 5 being the highest and 1 the lowest, did you feel engaged and that your input was given full consideration?				4	11
<b>3. Expectations</b>	<b>1 (lowest)</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5 (highest)</b>
On a scale of 1-5, with 5 being the highest and 1 the lowest, did the consultation meet your expectations?			5	2	8
<p>Comments (if any):</p> <ul style="list-style-type: none"> <li>• Presenters were clear with their group presentations, facilitators were patient and shared their GCCA+ SUPA project role and funds information. Food was amazing and this made the participants engage throughout. Thank you GCCA+ SUPA team.</li> <li>• To my understanding this project needs to start ASAP. Thank you.</li> <li>• Concrete tanks will require a lot of sand to be used in constructing the tank which will lead to soil erosion.</li> <li>• Hoping that the selected committee would work effectively to succeed and achieve the goal that has been set forth by this workshop. Very important for Nauru's development.</li> <li>• This was a really great opportunity to be engaged in, and I'm willing to participate in any future meetings with the CIE department. Also food was great! Thanks!</li> <li>• Hoping damaged tanks will also be prioritised in regards to vulnerable households.</li> <li>• Even though I was late, the discussion and questions were easy enough to follow.</li> <li>• Grateful.</li> </ul>					