

# **Report of the CTCN Regional Forum for Pacific Countries**

**Tanoa International Dateline Hotel: 21<sup>st</sup> July 2017**

**Project Reference: SAP ID: 120444**

## **1. Background**

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The United Nations Industrial Development Organisation (UNIDO) is a specialized Agency of the United Nations based in Vienna, Austria. Its mandate is to promote and accelerate sustainable and inclusive industrial development in developing countries and countries in transition. The Energy Department of UNIDO supports the Climate Technology Centre and Network (CTCN), located in Copenhagen, Denmark. The CTCN<sup>1</sup> is the operational arm of the United Nations Framework Convention on Climate Change (UNFCCC)'s Technology Mechanism and is hosted by UNIDO in collaboration with the United Nations Environment Programme (UNEP) and with the support of 11 independent organizations with expertise in climate technologies. The CTCN's mission is to assist developing countries in deploying technologies (including any equipment, techniques, practical knowledge and skills) that can be used to reduce greenhouse gas emissions and to adapt to climate change impacts. In line with the decisions of the Conference of Parties (COP) of UNFCCC, each Party shall nominate a focal point for the CTCN, named National Designated Entity (NDE).

The CTCN is mandated by the COP to provide technical assistance to developing countries at their requests, through their NDEs. The success of CTCN assistance hence greatly depends on how strong and engaged NDEs are. This is also critical to share the experiences and learning from different countries and partners in the regions in order to facilitate technology transfer in an effective manner. Further recent COP decision encourages enhanced linkages between the technology and the finance mechanisms under the United Nation Framework Convention on Climate Change (UNFCCC). To this purpose, CTCN organized a regional forum for NDEs in Pacific countries, (in conjunction with the Green Climate Fund (GCF) structured dialogue), to strengthen the synergies and collaboration between technology mechanism and financial mechanism.

CTCN was supported by the Pacific Community's (SPC) Centre for Renewable Energy and Energy Efficiency in organising the event through a contract signed by UNIDO and SPC.

## **2. Objectives of the Regional Forum for NDEs**

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This event was organized at Tanoa Hotel, Vuna Road, Nuku'alofa, Tonga, in conjunction with the GCF Structured Dialogue Forum. The dates of the combined event were from 18th to 21st of July, 2017. During the first three days i.e. 18-20 July, there was the GCF event, where both the NDEs of the CTCN and the NDAs of GCF participated together. The last day i.e. 21st July, was then dedicated for the CTCN Forum.

The CTCN Regional Forum was aimed at bringing together Nationally Designated Entities (NDEs), Nationally Designated Authorities (NDAs) to the Green Climate Fund (GCF), CTCN network members, representative of financial institutions, and other government officials.

The main objective of this regional forum for NDEs, was to develop and strengthen the regional network of NDEs in the respective regions, and their relationship with key financial institutions, regional Consortium Partners, current and potential Climate Technology Network members. Specifically, the forum was aimed at:

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<sup>1</sup> More information on the CTCN at [ctc-n.org](http://ctc-n.org)

- ✓ Presenting the latest development of CTCN services to developing countries globally and in the region;
- ✓ Sharing experiences and best practices from CTCN technical assistance in the region, including those involving collaboration with the GCF;
- ✓ Discussing successes and challenges encountered by NDEs;
- ✓ Strengthening linkages and enhance collaboration between NDAs and NDEs;
- ✓ Increasing south-south learning, and create networking opportunities through showcasing innovative climate technologies that respond to country priorities.

It was expected that, NDEs will be in a position to identify technology needs and barriers for technology deployment in their countries and to submit targeted technical assistance requests that have strong potential to help remove these barriers. It was also expected that relationships between various technology stakeholders will be reinforced, especially between various actors for public and private sectors, which will lead to financing of technology deployment and transfer.

### **3. The Agenda**

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The Agenda for the forum is attached as Annex 1.

### **4. The Participants**

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The Participants List is attached as Annex 2.

A total of 20 participants attended the event. Of this total, 65% were males and 35% were females. Five (5) NDEs and 5 NDAs, representing 50% of the participants attended.

### **5. The Presentations and Discussions**

#### **Session 1: Institutional settings and collaboration between the Technology and the Financial Mechanisms under the Convention**

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UNEP gave an introductory presentation on the CTCN. The power point presentation is attached as Annex 3.

#### **Session 2: Experience sharing on CTCN Technical Assistance and technology opportunities in the region and Linkage with GCF**

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The participants heard from three (3) Pacific case studies highlighting the status of these proposals and their respective experiences in developing them in collaboration with the CTCN.

i) **Capacity development to address risks in the coastal zone associated with climate change (Palau, the Republic of the Marshall Islands, Solomon Islands and Kiribati) by Mr. David Idip**

This proposal is still at an early stage and was a demonstration not only of a sub-regional proposal but also of a proposal in adaptation.

ii) **EE on Refrigeration and Air Conditioning(RAC) Sector Regulations Development options for PNG by Mr. Jonah Auka**

PNG's proposal is based on its endorsed Climate Compatible Development Management (CCDM) policy and Climate Change Management Act 2015 (CCM) which is to establish the mandate of the Climate Change and Development Authority to regulate sectors involved in the emission of GHGs. At present, there is no proper policy or institutional mechanisms in place to monitor progress with its NDC.

PNG has then approached the CTCN for technical assistance with a focus on air conditioners, a major consumer of electricity in PNG. The TA is generally to:

- Analyse the types of ACs coming into the market in terms of the COP
- Establishing an appliance testing lab which could confirm energy use of ACs
- Help develop standards and regulations that ensure only equipment with a specific label enter the country
- A monitoring and verification system in place if going into market based emission reduction
- Archiving of all RAC industries greenhouse Gas Inventory data

The expected benefits from this TA is a:

- A regulation on Industrial Processes and Product Use (IPPU) sector, with specific focus on Refrigeration and Air Conditioning industries, will be developed
- Recognition of existing refrigerant and air conditioning management facilities by CCDA

### iii) **Development of an Energy Efficiency Master Plan for Tonga by Mr. Kakau Foliaki**

Opportunities of linkages between CTCN TA request and Readiness Programme of the GCF

Tonga's proposal is based on its NDC where it's energy target is well defined in terms of its renewable energy target of 50% by 2030. The NDC is however quite shallow and weak in terms of the contribution of energy efficiency to its GHG mitigation effort.

Following the Pacific CTCN workshop in February last year, Tonga approached the CTCN for a TA to develop its energy efficiency roadmap. The roadmap will look at all the energy efficiency including supply side management, demand side management and energy efficiency in transport too. The proposal was developed and a MoU was signed at COP 22 last year. Tonga and CTCN then agreed to put in the proposal through the GCF as a readiness proposal. The approach has the benefit of giving an advance notice to the GCF and being recognized for future support in terms of subsequent proposal arising from the readiness proposal.

## **6. Session 3: Institutional settings and collaboration between the Technology and the Financial Mechanisms under the Convention**

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UNEP delivered a presentation on this topic. The presentation is attached as Annex 4.

## **7. Session 4: Wrap up – key takeaways**

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This forum highlighted the spirit of collaboration that is enshrined in the UNFCCC. There are provisions and **mechanisms in the convention that are specifically to assist developing countries and the CTCN is one of these.**

The Forum highlighted that **there is still a huge gap and a general lack of awareness on the existence of the CTCN and the services that it provides.** Though a Regional Forum for National Designated Entities of the Climate Technology Centre and Network (CTCN) from Small Island Developing States in the Pacific was earlier conducted in February 2016, it is obvious from both the number of nominated NDEs (10 out of 14) and proposals received (only 3) that there is a lot of work to be done in this area. It was felt that **having a CTCN regional representative in the region would help in promoting CTCN in the region.**

For the Pacific islands **to make the most use of the services offered by the CTCN, they must nominate a NDE.** The process for doing this are readily available on a user-friendly manner from the CTCN web-site <https://www.ctc-n.org/about-ctcn/national-designated-entities>.

Furthermore, the **request for technical assistance can be made by the NDEs in prescribed forms** that can be downloaded from the same website <https://www.ctc-n.org/technical-assistance>.

**Working together with the CTCN**, as a technology arm of the UNFCCC technology mechanism, **provides countries with a pathway to the GCF and other financing mechanisms such as the GEF**. The Tonga case study demonstrated a quicker and shorter access to the GCF. A request for a TA to the CTCN can be converted into a readiness proposal thereby allowing the GCF to take note of the follow up proposal to be developed by the readiness.

There are **benefits to the Pacific Islands in having more of its national and regional agencies registered as network members**, delivering on the TA requested of the CTCN but through its competitive selection policy. It was noted that SPC and SPREP are network members but other national and regional agencies are capable of delivering TA for the Pacific Islands too.

The Forum concluded with a word of thanks from UNEP.

## ANNEX 1:

**Regional NDE Forum – Pacific Island Countries**  
**Venue: Tanoa Hotel, Vuna Road, Nuku’alofa, Tonga**  
**Date: 21<sup>st</sup> July 2017**

### Objectives of the Regional Forum

- Present the latest development of CTCN services to developing countries globally and in the region;
- Share experiences and best practices from CTCN technical assistance in the region, including those involving collaboration with the GCF,
- Discuss successes and challenges encountered by NDEs;
- Strengthen linkages and enhance collaboration between NDAs and NDEs;
- Increase south-south learning, and create networking opportunities through show casing innovative climate technologies that respond to country priorities.

### Provisional Agenda

13: 30 -14:15	<b>Session: Institutional settings and collaboration between the Technology and the Financial Mechanisms under the Convention</b> <ul style="list-style-type: none"><li>- Welcome Remarks - Mr. Paula Pouvalu Ma'u, NDE, Kingdom of Tonga</li><li>- Introduction to CTCN (mandate, updates on achievements, TA process) - Sudhir Sharma</li></ul>
14:15 – 15.30	<b>Session: Experience sharing on CTCN Technical Assistance and technology opportunities in the region and Linkage with GCF</b> <ul style="list-style-type: none"><li>- Capacity development to address risks in the coastal zone associated with climate change (Palau, the Republic of the Marshall Islands, Solomon Islands and Kiribati) Mr. David Idip (TBC)</li><li>- EE on Refrigeration and Air Conditioning(RAC) Sector Regulations Development options for Tonga Mr. Jonah Auka (TBC)</li><li>- Development of an Energy Efficiency Master Plan for Tonga Mr. Kakua Foliaki (TBC)</li><li>- Opportunities of linkages between CTCN TA request and Readiness Programme of the GCF Sudhir Sharma</li></ul> <b>- Q&amp;A and discussion</b>
15:30 – 15:45	<b>Coffee Break</b>
15:45 – 16: 45	<b>Discussions on NDE-NDA collaboration and project ideas – Open Discussions</b>
16:45 – 17:00	<b>Wrap up – Key take away – Solomone Fifita, SPC</b> <b>Vote of Thanks – Sudhir Sharma</b>

**ANNEX 2:**

JOINT CTCN – GCF REGIONAL MEETING FOR THE NDES AND NDAS OF THE PACIFIC  
ISLANDS COUNTRIES  
TANOA INTERNATIONAL DATELINE HOTEL  
21 JULY 2017

COUNTRY AND AGENCIES REPRESENTATIVES

COUNTRY	#	PARTICIPANT	Evaluation #	M or F
<b>COOK ISLANDS</b>	1.	<b>Mr. William Tuivaga</b> Program Manager SRIC Manager Climate Change Cook Islands Office of the Prime Minister Rarotonga COOK ISLANDS  E-MAIL: William.tuivaga@cookislands.gov.ck	<b>5</b>	<b>M</b>
<b>COOK ISLANDS</b>	2.	<b>Ms. Bredina Drollet</b> Chief of Staff Office of the Prime Minister Rarotonga COOK ISLANDS  E-MAIL: bredina.drollet@cookislands.gov.ck		<b>F</b>
<b>COOK ISLANDS</b>	3.	<b>Mr. Edward Parker</b> Programme Manager Office of the Prime Minister Rarotonga COOK ISLANDS  E-MAIL: Edward.parker@cookislands.gov.ck		<b>M</b>
<b>MARSHALL ISLANDS</b>	4.	<b>Mr. Clarence Samuel</b> Director NDE MARSHALL ISLANDS  E-Mail: <a href="mailto:Clarencesam@gmail.com">Clarencesam@gmail.com</a>		<b>M</b>
<b>NAURU</b>	5.	<b>Mr. Reagan Moses</b> NDE Director for Climate Change Department of Commerce Industry and Environment NAURU		<b>M</b>

COUNTRY	#	PARTICIPANT	Evaluation #	M or F
		E-MAIL: Reagan.moses@gmail.com		
PALAU	6.	<b>Mr. David Idip</b> Senior GIS Analyst PALAU  E-mail: <a href="mailto:davididip@gmail.com">davididip@gmail.com</a>		<b>M</b>
PALAU	7.	<b>Ms. Judy Dean</b> Grant Coordinator Office of the President PALAU  E-MAIL: <a href="mailto:judyd@palaugov.org">judyd@palaugov.org</a>		<b>F</b>
PAPUA NEW GUINEA	8.	<b>Mr. Jonah Auka</b> Senior Adaptation Officer Climate Change & Development Authority(CCDA) PAPUA NEW GUINEA  E-MAIL: jonahauka@gmail.com	<b>2</b>	<b>M</b>
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TONGA	10.	<b>Mr. Sione Fulivai</b> NDE Office TONGA  E-MAIL: <a href="mailto:talo-is@hotmail.com">talo-is@hotmail.com</a>	<b>3</b>	<b>M</b>
TONGA	11.	<b>Ms. Eleni. F. Tu'i</b> <b>M.I.A</b> Senior Program Officer TONGA  E-MAIL: <a href="mailto:kilikilitefua@gmail.com">kilikilitefua@gmail.com</a>	<b>12</b>	<b>F</b>
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TUVALU	13.	<b>Ms. Pepetua Latasi</b>	<b>10</b>	<b>F</b>

COUNTRY	#	PARTICIPANT	Evaluation #	M or F
		Director Climate Change Tuvalu  E-MAIL: <a href="mailto:pepetua@gmail.com">pepetua@gmail.com</a>		
VANUATU	14.	<b>Mr. Christopher Bartlett</b> Ministry of Climate Change  E-MAIL: <a href="mailto:vanuatuclimatechange@gmail.com">vanuatuclimatechange@gmail.com</a>	1	M
UNEP	15.	<b>Mr. Mozahrul Alam</b> Regional Climate Change Coordinator UNEP Bangkok Thailand  E-MAIL: <a href="mailto:mozahrul.alam@unep.org">mozahrul.alam@unep.org</a>		M
UNEP	16.	<b>Mr. Sudhir Shamra</b> Programme Officer, Climate Change United Nations Environment Programme for Asia and the Pacific (UNEP ROAP) 2nd Floor, Block-B, United Nations Building Rajdamnern Nok Avenue, Bangkok 10200 Bangkok Thailand Tel: 66-2-2881441, Fax: 66-2-2803829 Email: <a href="mailto:sudhir.sharma@unep.org">sudhir.sharma@unep.org</a>  E-MAIL: <a href="mailto:sharma66@un.org">sharma66@un.org</a>		M
SPC	17.	<b>Mr. Solomon Fifita</b> Deputy Director - Energy Economic Development Division SPC - Pacific Community Private Mail Bag Suva FIJI  E-MAIL: <a href="mailto:solomonef@spc.int">solomonef@spc.int</a>	7	M
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SPC - PCREEE	19.	<b>Mr. Kakau Foliaki</b> Principal Energy Planner		M



COUNTRY	#	PARTICIPANT	Evaluation #	M or F
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ANNEX 3:

ANNEX 4:

A summary of the participants' evaluation of the CTCN Regional Forum for Pacific Countries Tanoa International Dateline Hotel: 21st July 2017							
1. In what capacity did you attend this regional forum (if appropriate, please select several)?							
Participant #	NDE	Network member	Climate Change Focal Point	NDA	Other		
1					1		
2	1						
3	1						
4					1		
5	1				1		
6	1						
7		1					
8	1						
9					1		
10				1			
11					1		
12				1			
13				1			
	5	1	3	5	0		
2. The forum contributed to my understanding of the CTCN and its services to countries for accessing Climate Change Technologies							
Participant #	Strongly agree	Moderately agree	Slightly agree	Neither agree nor disagree	Slightly disagree	Moderately disagree	Strongly disagree
1	1						
2	1						
3	1						
4			1				
5			1				
6	1						
7	1						
8			1				
9	1						
10			1				
11	1						
12	1						
13	1						
	9	4	0	0	0	0	0
3. The forum provided a good opportunity for sharing experiences on CTCN services.							
Participant #	Strongly agree	Moderately agree	Slightly agree	Neither agree nor disagree	Slightly disagree	Moderately disagree	Strongly disagree
1	1						
2	1						
3	1						
4	1						
5	1						
6				1			
7	1						
8	1						
9	1						
10			1				
11	1						
12	1						
13	1						
	11	1	1	0	0	0	0
4. The forum increased my understanding of linkages of CTCN with GCF and understanding of support CTCN provides to countries for accessing GCF funds.							
Participant #	Strongly agree	Moderately agree	Slightly agree	Neither agree nor disagree	Slightly disagree	Moderately disagree	Strongly disagree
1	1						
2	1						
3	1						
4	1						
5	1						
6	1						
7	1						
8	1						
9	1						
10			1				
11	1						
12	1						
13	1						
	12	1	0	0	0	0	0
5. Having the Forum in parallel with the GCF Structured dialogue added to a positive learning experience:							
Participant #	Strongly agree	Moderately agree	Slightly agree	Neither agree nor disagree	Slightly disagree	Moderately disagree	Strongly disagree
1	1						
2	1						
3	1						
4	1						
5			1				
6			1				
7						1	
8	1						
9			1				
10					1		
11	1						
12	1						
13	1						
	8	3	0	0	1	1	0

Solomone Fifita:  
Participants 4, 6, 8 & 9  
did not identify  
themselves in their  
evaluation forms.

6. What would you recommend be improved for NDE Regional Fora?												
1	Need more regular contact among Pacific NDEs.											
2	It would be great if CTCN can visit countries and discuss in detail the proposals that we have provided. Maybe a priority for my country right now is to look at providing training on GCF focus areas including concepts, PPF, etc.											
3	Extended timeframe - half a day not long enough.											
4	Allow for more than one on one sessions with NDEs and PICs.											
5	Strong network, Pacific Focal Point in the region.											
6												
7	CTCN should be part of the Dialogue not a separate one at the end.											
8	To have a regional CTCN focal point & more awareness and workshops for NDEs so countries can effectively engage with CTCN & better DSA which is not enough.											
9												
10	As reflected in #8.											
11												
12	All are well organised.											
13	Ensure that all countries (PICs) are well represented.											

7. What would you recommend be the topics of a future NDE Forum in the region?												
1	Specific Pacific requests, case studies.											
2												
3	Resource mobilisation.											
4	Report on what countries has access CTCN resources.											
5	What other regional countries are requesting through CTCN.											
6												
7	Approved projects and on the ground experiences.											
8	Training programs & more lessons learnt and challenges from countries in accessing CTCN.											
9	I'm not sure, but I think it might have been useful to see a complete application form and walk is through filling it out.											
10	Accessing financial and technical assistance from CTCN.											
11												
12	Gender											
13	Lessons learnt on CTCN work.											

8. What is your overall assessment of the NDE Regional Forum? Please explain your choice.												
Participant #	Excellent	Very good	Good	Average	Barely acceptable	Poor	Very poor					
1		1						Solomone Fifita: As a first timer to this NDE Regional Workshop it has given me an opportunity to network with others and share experiences on the CTCN's work in the region.				
2		1										
3								Solomone Fifita: Agreed with points.				
4		1						Solomone Fifita: Agree that the Forum is excellent however there may need to be more focussed in the region and in some cases a visit to the country.				
5		1										
6			1					Solomone Fifita: It came after an exhaustive 3 days GCF session, but it was to the point and provided the needed information.				
7		1										
8		1						Solomone Fifita: Not very well attended but the contents were excellent. Many countries missed out on this opportunity.				
9		1										
10				1				Solomone Fifita: It would have been best to do this as one of the presentation of the GCF Dialogue sessions. It is difficult to get people focus on CTCN alone after being concentrating on GCF opportunities for 3 days.				
11		1										
12	1							Solomone Fifita: Gave some understanding on the resources available to CTCN that can be utilized.				
13			1									