Workshop on Enhanced Transparency Framework under the Paris Agreement

Organized by CBIT-GSP and UNFCCC in collaboration with the Government of Australia – the Pacific Transparency Program, the Regional Pacific NDC Hub, the NDC Partnership, hosted by the Government of the Cook Islands

Venue: Crown Beach Resort & Spa, Rarotonga, Cook Islands
Date: 25-28 March 2025

Background and Context

Transparency is at the very core of the Paris Agreement. In the context of climate change, enhanced transparency framework (ETF) involves the reporting, review and facilitative multilateral consideration of progress of climate action and support. The ETF builds on and strengthens the existing measurement, reporting and verification (MRV) arrangements under the UN Framework Convention on Climate Change (UNFCCC). The ETF is now fully operational, and Parties to the Paris Agreement were to submit their first Biennial Transparency Report (BTR) latest by 31 December 2024, acknowledging that Small Islands Development States (SIDS) may submit at their discretion.

At the global level, submitting climate information and data under the ETF helps to build trust and track progress toward objectives of the Paris Agreement. At the national level, transparency builds resilience for future climate action ensuring that response to the climate crisis is both robust and evidence based. Several Parties already took first steps to implement the ETF by submitting the first BTRs.[1]

Governments in the Pacific Islands Countries (PICs)[2] (see Annex 1 indicators of PICs) are also making strides in enhancing their climate reporting efforts by taking initial steps in integrating transparency requirements into their national reporting framework. However, understanding and raising awareness of the ETF in the context of each PIC's national circumstance are crucial with a view to facilitate preparation and submission of the BTRs and informing the preparation of the next Nationally Determined Contributions (NDCs).

The comparative smallness, remote location and archipelagic character of the PICs with diverse and unique national circumstances (see Annex 2 PICs in the Pacific Ocean) present challenges and needs to implement the ETF. The findings from the latest technical paper[3] published by the Consultative Group of Experts (CGE) highlights that the challenges and needs associated with the preparation of the national GHG inventories has the largest share and these often relate to availability of quality data, data collection practices and technical capacity to apply IPCC methodologies. These challenges often relate to few human resources – a natural phenomenon in the context of PICs, agencies with multiple and competing roles and responsibilities, and technological limitations. Technological

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[1] https://unfccc.int/first-biennial-transparency-reports

[2] PICs include 14 Pacific Islands Countries in three sub-regions – Melanesia, Micronesia and Polynesia, (please see Annex 1 for details of sub-regional country listing)

[3] https://unfccc.int/process-and-meetings/bodies/constituted-bodies/consultative-group-of-experts-cge/transparency-needs-assessment#__24

challenges include limited access to required technology, difficulties in accessing and using internet-based resources for transparency and recommended tools. These challenges are often exacerbated either by limited number of experts in the relevant teams or high turnover of experts and government officers.

To address this, a four-day in-person workshop will be offered, to assist Polynesian countries [4] in preparing BTRs, focusing on national GHG inventories and NDC tracking. The workshop will be delivered using a peer-to-peer exchanges and hands-on exercises.

Objectives

The overall objective of this workshop is to build momentum and support PICs to implement the ETF with a view to facilitate submission of their BTRs. The workshop aims to enhance awareness and understanding among stakeholders in PICs regarding the integration of transparency requirements and use of ETF reporting tools when preparing the BTRs. This will also strengthen the capacity of responsible agencies to address climate actions toward a climate-resilient future, foster collaboration with peers, and ultimately streamline the preparation and submission of BTRs.

Expected outcomes

- Raise awareness among national stakeholders about credible national reporting under the ETF;
- Provide in-depth technical advice on the application of the ETF modalities, procedures and guidelines, including use of common reporting tables (CRTs) and common tabular formats (CTFs), along with practical one-on-one coaching with a view to enhance technical knowledge on national inventory systems and NDC tracking.
- Empower national stakeholders by sharing challenges and best practices to overcome difficulties and challenges and provide knowledge and skills needed to navigate transparency requirements and the ETF reporting tools;
- Foster collaboration among stakeholders and peers with trust and accountability;
- Build confidence of PICs to submit their BTRs as early as possible.

Target Audience

The workshop will bring together professionals from government agencies in Polynesian countries who are responsible for preparing and submitting national transparency reports under the ETF. It is expected that the participants will include focal points from relevant national agencies including those responsible for climate change reporting as well as for producing climate data and information. This capacity building workshop focuses on Polynesian countries, providing them with opportunities for peer-to-peer exchanges with the Cook Islands. Additionally, a sub-regional approach allows Polynesian countries to dive deeper into concepts that are particularly relevant to their national circumstances.

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[4] Polynesian countries are: Cook Islands, Niue, Samoa, Tonga and Tuvalu. The two other subregions are Micronesia (Federated States of Micronesia, Kiribati, Nauru, Palau, and Republic of Marshall Islands) and Melanesia (Fiji, Papua New Guinea, Solomon Islands, and Vanuatu)

Best practices for using the ETF tools and preparation of the BTR will be shared by selected Melanesian country and an atoll country[5], respectively.

Maximum three participants per country will be invited from each participating Polynesian countries and one selected country from Melanesia.

Total number of workshop participants is expected to be 40 (including approximately 20 participants from participating countries, experts, resources persons and the host country participants). Experts and resource persons will include specialised agencies from the region, including representatives from the Government of Cook Islands, UNEP-CCC and CBIT-GSP, UNFCCC, NDC Partnership and the Government of Australia [and New Zealand, tbc].

Organization of the event

Organized by CBIT-GSP and UNFCCC in collaboration with the Government of Australia, the Regional Pacific NDC Hub and the NDC Partnership, the workshop is hosted by the Government of the Cook Islands. The workshop will be conducted as an in-person event, with no plans to host any online session, unless it is necessary. All presentations and background resources will be shared via a dedicated google drive. Workshop materials will be available via CBIT-GSP Platform and Regional Pacific NDC Hub's web-portal.

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[5] An atoll is a coral island consisting of a reef surrounding a lagoon. Atoll countries are – Tuvalu, Kiribati and Republic of Marshall Islands

Agenda

Day 1: 25 March 2025 (Tuesday) Opening and overview on transparency requirements, status on climate transparency *Sessions on Day 1 will focus on overall transparency*		
08:30 – 09:00	Registration	Climate Change Cook Islands
09:00 – 09:05	Welcome, and housekeeping Master of Ceremony – Terito Story and Celine Dyer Prayer – Reverand Tere Masters	Climate Change Cook Islands Takamoa College
09:05 – 09:10	Opening remarks from the Government of Cook Islands	Chief of Staff - Office of the Prime Minister (Karopaerangi Ngatoko)
09:10 – 09:15	Welcome remarks from the Government of Australia	Phoebe Smith, High Commissioner, Australian Government, Cook Islands
09:20 – 09:25	Workshop – objectives, intended outcomes, overview of the four days program and activities	UNFCCC (Tugba Icmeli)
09:25 – 09:55	Getting to know each other – introduction by all participants *Name, country, organization and current engagement regarding climate transparency – climate reporting, climate information and data*	Moderator: Master of Ceremony (Terito Story)
09:55 – 10:55	**Talanoa Dialogue** on climate transparency in the Pacific Islands – focus on importance of climate information and data *This session aims to share stories from PICs about climate change reporting activities highlighting appropriate practices that consider national circumstances, operationalization of special circumstances in the context of the Paris Agreement and transparency requirements, inclusivity, engagement with communities and vulnerable groups, and communicating climate action reporting information for less informed groups, remote locations and outer islands across the vast Pacific Ocean space.* *Guiding notes:* • *What are 'special circumstances'; 'special situation'; special needs'; 'special case'; when preparing climate reporting by Pacific Islands Countries, Small Islands Development States, Atoll States and Least Developing Countries.* • *Operationalization of special aspects.* • *Climate reports are – National Communication, Adaptation Reporting, National Greenhouse Gas Inventory Report, Nationally Determined Contribution, Biennial Transparency Report (BTR)* • *Chatham House Rule*	Moderators: Climate Change Cook Islands (Celine Dyer, Terito Story) NDC Hub (Sadie Tunaulu, Sagaitu Konusi) CBIT-GSP (Noim Uddin)

10:55 – 11:10	*Group photo, media, coffee and health break*	
11:10 – 11:30	**Presentation:** Stocktaking of the current reporting status under the Paris Agreement with a focus on transparency requirements and the use of ETF reporting tools; Transparency outcomes from COP 29. *This session will provide an update on the status of reporting under the MRV and ETF with a focus on PICs and their in-country activities towards implementing the transparency arrangements, a brief update from COP 29 and a transparency outlook.*	Presenter: UNFCCC (Tugba Icmeli)
11:30 – 12:10	**Presentation:** Overview of key reporting provisions: ETF and its MPGs. *This session will provide an overview of ETF and MPGs considering PICs national circumstances, with a focus on flexibility provisions).* *Q&A session will follow presentation.*	Presenter: UNFCCC (Tugba Icmeli)
12:10 – 13:10	**Presentation and Discussion:** Scene setting presentation on Institutional Arrangements – roles and responsibilities of institutions in GHG reporting, tracking and reporting of climate action. *This session will provide an overview on institutional arrangement in light of MPGs and ETF (20 mins).* *Following the presentation a break-out group work will cover following aspects (40 mins)* • *Do you have a central coordination agency or agency responsible?* • *How can existing arrangements be improved/adapted (considering the current institutional structure and government budget to operationalization of institutional settings for climate reporting) and what arrangements might work best for your country? (note: providing information on national circumstances and institutional settings for each BTR chapter is 'shall' requirements under ETF)* • *What processes (data and information collection to prepare GHG inventory and climate information and data) do you have already in place?* • *Have roles and responsibilities for each source/sector been defined and assigned?* • *What challenges do you face with the current institutional settings, and do you have any innovative approaches to overcome these challenges?*	Presenter: UNEP-CCC (Sekai Ngarize) Discussion Facilitators: CBIT-GSP (Noim Uddin) UNFCCC (Tugba Icmeli) NDC Hub (Sadie Tunaulu, Sagaitu Konusi)
13:10 – 14:10	*Lunch break – catering will be provided at the venue*	
14:10 – 15:00	**Continue discussion and report back from group work on Institutional Arrangements and plenary discussion** *In this session, each country will present on respective country's Institutional Arrangements (by using PPT, paper or post it notes, or storytelling, 5 mins per country)*	Moderators: Climate Change Cook Islands (Celine Dyer)

	Report back by the groups will be followed by a plenary discussion among all participants on good practices and experience in addressing the identified challenges.	NDC Hub (Sadie Tunaulu)
15:00 – 15:20	**Presentation:** Overview of BTR and National Inventory Document (NID) *This session will provide an overview of the BTR, including its outlines, examples of BTRs, overall outline of NID, and opportunities for PICs to build BTRs and NIDs from current activities (preparation of National Communication, Biennial Update Report, National GHG Inventory, Adaptation Communication, National Adaptation Plan as well as NDC 3.0)*	Presenter: UNFCCC (Tugba Icmeli)
15:20 – 15:50	**A Clinic Session (Part 1) – Preparation of the BTRs** *Each PICs will be invited to respond to the following questions and reflect on the potential solutions to address the concerns and challenges.* *Guiding questions:* 1. *What is the status of BTR preparation in your country? When do you plan to submit the first BTR?* 2. *What are the main concerns or challenges in BTR preparation process?* 3. *If known, what are the innovative approaches to overcome these concerns or challenges in relevant country contexts?* 4. *Do you foresee the need to make use of the flexibility provisions? If so, which provisions you envisage to use for which section?* *(by using PPT, paper or post it notes, 5 mins per country)*	Facilitators: CBIT-GSP (Noim Uddin) NDC Hub (Sadie Tunaulu, Sagaitu Konusi) Climate Change Cook Islands (Terito Story)
15:50 – 16:00	***Coffee and health break***	
16:00 – 16:30	**A Clinic Session (Part 2) – Preparation of the BTRs (continue)** *Reflection questions for all:* • *How can the concerns or challenges be addressed?* • *What are some good practices and potential solutions among the region to address the identified challenges?*	Moderator: UNFCCC (Tugba Icmeli)
16:30 – 16:45	**Support installation of IPCC Software for next day hands-on training** (Countries are requested to bring laptops with admin login credentials and Microsoft windows operating systems)	NDC Hub (Sadie Tunaulu)
16:45– 16:50	**Closing prayer**	Climate Change Cook Islands
18:30 – 20:30	Welcome Reception (details will be shared separately)	

Day 2: 26 March 2025 (Wednesday) Peer exchanges and hands-on training *Sessions on Day 2 will focus on peer exchange and hands-on training*		
09:00 – 09:05	Welcome and housekeeping Master of Ceremony Terito Story and Celine Dyer Prayer: Reverand Tere Masters	Climate Change Cook Islands Takamoa College

09:05 – 09:15	Recapping from Day 1 and Plan for Day 2	CBIT-GSP (Noim Uddin)
09:15 – 09:50	**Presentation:** Experience sharing from Melanesia *In this session, experiences related to BTR/BUR preparation will be shared. This will include BTR development planning, preparation of BTR chapters, utilizing existing work on BUR/NIR/NID – institutional setting, engaging with in-country stakeholders, support received based on national circumstances.*	Moderator: DCCEEW (Mike Stephens) Presenter: Solomon Islands (Henry Tufah)
09:50 – 10:10	**Presentation:** Experience sharing from Polynesia/Atoll Country *In this session, experiences related to BTR/BUR preparation will be shared. This will include BTR development planning, preparation of BTR chapters, utilizing existing work on BUR/NIR/NID – institutional setting, engaging with in-country stakeholders, support received based on national circumstances.*	Presenter: Tuvalu (Joanna Latasi)
10:10 – 11:10	**Panel Discussion and Q&A** *In this Panel Discussion Panel members representing Cook Islands, Samoa, Tonga will provide a 5-minute overview on their institutional arrangement – best practice example, operationalisation of institutional arrangements in the context of transparency requirements.* *The panel discussion will be followed by an open Q&A session.*	Moderator: DCCEEW (Mike Stephens) Panel Members: Solomon Islands (Henry Tufah) Tuvalu (Joanna Latasi/Jamie Ovia) Cook Islands (Wayne King/Celine Dyer) Samoa (Bernadette P Amosa) Tonga (Samisoni Tupou)
11:10 – 11:20	***Coffee and health break***	

11:20 – 11:50	**Presentation:** Overview on ETF Reporting Tools
	This session will provide an overview on ETF Reporting Tools and its main functionalities. ETF Reporting Tools include:
	  • *Support Reporting Tool - CTFs (Common Tabular Formats)*
	  • *Progress Reporting Tool – CTFs (Common Tabular Formats)*
	  • *GHG inventory Reporting Tool – CRTs (Common Reporting Tables)*
		Presenter: UNFCCC (Tugba Icmeli)

11:50 – 12:00	**Mentimeter Questionnaire 1** *A short Mentimeter questionnaire to understand participants experience with IPCC Software.*	Moderator: NDC Hub (Sadie Tunaulu) Support: CBIT-GSP (Noim Uddin)
12:00 – 12:30	**Presentation:** In-country experience with using IPCC Software – A case study from the Cook Islands	Presenter: Climate Change Cook Islands

	This session will share experience of using IPCC Software in Cook Islands. Experience in sector specific activity data collection and estimation of GHG emissions and removals. *An open Q&A will follow.*	(Charlene Akaruru and Boyd Ellison)
12:30 – 12:50	**Hands-on Training:** IPCC Software – installation, first run and main menu. *This session will cover the installation of IPCC Software and its initial setup. All participants will be requested to bring their laptops and if possible, to download IPCC Software before coming to workshop.* *Presentation on latest version of the IPCC Software (15 mins)* *Installation of IPCC Software* *First run – step-by-step guidance* *Navigating application menu*	Presenter: UNEP-CCC (Sekai Ngarize) Supporting: NDC Hub (Sadie Tunaulu) Climate Change Cook Islands (Charlene Akaruru)
12:50 – 13:15	**Energy Sector – activity data, data source, data collection and data cleansing** *This session will include an overview of energy sector and IPCC Guidelines.*	Presenter: UNEP-CCC (Sekai Ngarize)
13:15 – 14:15	*Lunch break - catering will be provided at the venue*	
14:15 – 15:15	**Hands-on Training (Part 1):** IPCC Software – country specific and sectoral database. *This session will cover* *Generating activity data for energy sector (electricity sector, transport sector).* *Practice data entry into software using dummy data (electricity sector, transport sector)*	Moderator: (UNEP-CCC) Sekai Ngarize Supporting: NDC Hub (Sadie Tunaulu) CBIT-GSP (Noim Uddin) Cimate Change Cook Islands (Charlene Akaruru)
15:15 – 15:30	*Coffee and health break*	
15:30 – 16:30	**Hands-on Training (Part 2):** IPCC Software – country specific and sectoral database **(continue)** *Generating activity data for energy sector (electricity sector, transport sector) (Contd).* *Practice data entry into software using dummy data (electricity sector, transport sector). (Contd).* *Generation of a Jason file for uploading into the ETF Reporter Tool.*	Moderator: (UNEP-CCC) Sekai Ngarize Supporting: NDC Hub (Sadie Tunaulu) CBIT-GSP (Noim Uddin) Climate Chnage Cook Islands (Boyd Ellison)
16:30 – 16:35	**Closing prayer**	Climate Change Cook Islands

Day 3: 27 March 2025 (Thursday) Hands-on training		
This hands-on training session will focus ETF Reporting Tools		
09:00 – 09:05	Welcome and housekeeping Master of Ceremony Terito Story and Celine Dyer Master of Ceremony; Terito Story and Celine Dyer Prayer: Reverand Tere Masters	Climate Change Cook Islands Takamoa College
09:05 – 09:10	Recapping from Day 2 and Plan for Day 3	CBIT-GSP (Noim Uddin)
09:10 – 09:20	**Mentimeter Questionnaire 2** *A short Mentimeter questionnaire to understand participants experience with the ETF Reporting Tools.*	NDC Hub (Sadie Tunaulu) Support: CBIT-GSP (Noim Uddin)
09:20 – 09:45	**Presentation:** ETF Reporting Tool – Common Reporting Tables (CRTs) *This session will provide an overview on ETF GHG Inventory Reporting Tool covering:* • *Introduction to CRTs (Common Reporting Tables)* • *Examples of CRTs* • *Interoperability function with the IPCC software (JSON file)*	Presenter: UNFCCC (Tugba Icmeli) (Video recording by IPCC on interoperability)
09:45 – 10:45	**Self-assessment and discussion on GHG inventories:** • *Which tools are already utilized to report GHG inventory? (i.e. IPCC software, ETF reporting tool, excel sheets, etc.)* • *Which are the sectors and GHGs included in the national inventory and NDC?* • *For which years there is data and information for these sectors and GHGs?* • *Identify the flexibilities to be applied.* • *Identify the associated improvement areas for the selected flexibilities.*	Moderator: UNFCCC (Tugba Icmeli) Supporting: NDC Hub (Sadie Tunaulu) Cook Islands Climate Change (Boyd Ellison & Charlene Akaruru) CBIT-GSP (Noim Uddin)
10:45 – 11:00	***Coffee and health break***	
11:00 – 11:30	**Presentation:** ETF Reporting Tool – Common Tabular Formats (CTFs) *This session will provide an overview on ETF progress reporting Tool covering* • *Introduction to CTFs and basis of NDC tracking (progress, mitigation measures)* • *Preparing CTFs (MPG chapters III, V and VI)* • *Examples of CTFs*	Presenter: CBIT-GSP (Noim Uddin)
11:30 – 12:15	**Self-assessment of NDCs** • *What is latest NDCs from respective countries* • *Which are the sectors and mitigation actions included* • *What are the selected NDC progress indicators?*	Moderator: CBIT-GSP (Noim Uddin) Supporting:

	• *Identify and lists of actions to be monitored and reported* • *Identify and lists challenges when analysing respective NDC* *All participating countries will read respective NDCs and address above questions. Outcome from this section will be used for next session.*	NDC Hub (Sadie Tunaulu) Climate Change Cook Islands (Celine Dyer)
12:15 – 13:15	**Hands-on Exercise:** Generating CTFs *This session will cover* • *Navigating CTFs – Excel Template Tabs* • *Completing CTFs* *This session will include a hands-on exercise to generate CTFs for reporting on progress achieved in implementing the NDCs. Countries are requested to bring login information via* https://myapps.unfccc.int/myapps *to access online ETF Reporting Tool.*	Moderator: UNFCCC (Tugba Icmeli)
13:15 – 14:15	*Lunch break - catering will be provided at the venue*	
14:15 – 14:45	**Report back from the exercise:** *Participants will report back on their experience and reflections from the hands-on exercise on the CTFs.*	Moderator: UNFCCC (Tugba Icmeli)
14:45 – 15:00	*Health break*	
15:00 – 15:50	**Presentation and Q&A:** Linkages between BTRs and NDCs *This session will provide an overview of how BTR can be used to inform the preparation of future NDCs, and vice versa, in the Pacific, considering each PICs national circumstance.*	Presenter: UNFCCC (Tugba Icmeli)
15:50 – 16:00	Summary of Day 2 and Day 3 (hands-on training) and plan for Day 4	UNFCCC (Tugba Icmeli) CBIT-GSP (Noim Uddin)
16:00 – 16:05	**Closing Prayer**	Climate Change Cook Islands

Day 4: 28 March 2025 (Friday) Presentation and knowledge sharing on transparency *This session will provide overview on cross-cutting issues and transparency relevant aspects*		
09:00 – 09:05	Welcome and housekeeping Master of Ceremony; Terito Story and Celine Dyer Prayer: Reverand Tere Masters	Climate Change Cook Islands Takamoa College
09:05 – 09:15	Recapping from Day 3 and Plan for Day 4	CBIT-GSP (Noim Uddin)
09:15 – 10:00	**Presentation and Q&A:** Cross Sectoral Issues – QA/QC plans and procedures, key category analysis, time-series consistency, uncertainty assessment, assessment of completeness. *This session will provide an overview of cross-cutting issues and how PICs could address them considering PICs national circumstances.*	Presenter: CBIT-GSP (Noim Uddin)
10:00 – 10:45	**Group Discussion:** Participating countries will be invited to discuss with peers and list following:	Moderator:

	• Current practice on QA/QC by the coordinating agency or agency responsible • Challenges in terms of conducting QA/QC on documents which were prepared by external experts/consultants • Any good practice or tips to overcome challenges. *After discussion with peers, each country will share findings (2 mins per country)*	CBIT-GSP (Noim Uddin)
10:45 – 11:00	*Coffee and health break*	
11:00 – 11:30	**Guest Presentation:** Carbon Market/Article 6 *This session will provide an overview on Carbon Market/Article 6 – latest development in COP29 and PICs readiness*	Presenter: NDC Hub (Sagaitu Konusi)
11:30 – 12:30	**Presentation and Q&A on Support Available** *This session will provide an overview of support available to PICs and SIDs on transparency.*	Presenters: New Zealand (Andrea Pickering) NDC Hub (Sagaitu Konusi) NDC Partnership (Christine Conway) DCCEEW (Mike Stephens) CBIT-GSP (Noim) UNFCCC (Tugba Icmeli)
12:30 – 13:15	**Ask the experts – Development Partners' Kiosk** Partners each will sit at a table, and participants can circulate around to ask their specific one-on-one questions.	Facilitator: NDC Partnership (Christine Conway) Development Partners: NDC Hub (Sadie Tunaulu/Sagaitu Konusi) NDC Partnership (Christine Conway) DCCEEW (Mike Stephens) CBIT-GSP (Noim Uddin) UNFCCC (Tugba Icmeli) New Zealand (Andrea Pickering)
13:15 – 14:15	*Lunch break - catering will be provided at the venue*	
14:15 – 15:15	*Tour-de-Table:* Reflections, comments from each participant: *Guiding questions:* • *What are the potential and benefits in adopting ETF in national reporting?*	Facilitator: Cook Islands Climate Change (Terito Story)

	• *What support is needed to enhance capacity for maintaining national GHG inventories for BTR reporting?* • *What are the requirements for 'hardware' (machines, tools, infrastructure) and 'software' (human knowledge and capacity)* • *Role of development partners and regional agencies*	
15:15 – 15:25	***Coffee and health break***	
15:25 – 15:40	Concluding remarks	UNFCCC (Tugba Icmeli) DCCEEW (Mike Stephens) Climate Change Cook Islands (Wayne King)
15:40 – 16:00	Handover of certificates Master of Ceremony Terito Story	Climate Change Cook Islands (Wayne King)
16:00 – 16:05	**Mentimeter Questionnaire 3** *A short Mentimeter questionnaire which aims to understand what participants thought about the workshop.*	All participants
16:05 – 16:10	**Closing Prayer**	Climate Change Cook Islands

Annex 1: Indicators for Pacific Islands Countries

Pacific Sub-region	Country	Land Area (sq. km)*	Sea Area/ EEZ (sq. km)*	Island Type*	Popula-tion*	GDP in 2019 (US$ bil-lions)**	GDP per Capita in 2019 (current US$)***	Carbon dioxide Emissions (kilotonnes in 2016)****	Carbon dioxide Emissions (metric tonnes per Capita in 2016)***	Total Green-house Gas Emissions (kilotonnes of CO2e); 2012 or most recent year***	% of electricity generat-ed using renewables; 2018 or most recent year****
Melanesia	Fiji	18,272	1,290,000	High island with a few minor atolls	894,961	5.5	6,175.9	2,046.2	2.3	2,258.0	60%
	Papua New Guinea	462,840	3,120,000	High island with a few small atolls	8,934,475	25.0	2,829.2	5,078.8	0.9	11087 (2016)	62%
	Solomon Islands	28,370	1,340,000	High island with a few atolls	712,071	1.4	2,373.6	183.4	0.3	4,591.0	10%
	Vanuatu	12,190	680,000	High island with a few small atolls	294,688	0.9	3,115.4	113.7	0.5	446.0	6%
Micronesia	Federated States of Micronesia	701	2,980,000	High islands & atolls	105,503	0.4	3568.3 (2018)	124.7	1.3	58 (1996)	5%
	Kiribati	811	3,550,000	Predominantly atolls	118,744	0.2	1,655.1	66.0	0.6	53 (2009)	17%
	Nauru	21	320,000	Raised coral island	11,690	0.1	9,397.0	40.3	3.7	19 (2000)	2%
	Palau	444	629,000	High islands & atolls	17,930	0.3	14,902.0	216.4	12.6	248(2005)	2%
	Republic of the Marshall Islands	181	2,131,000	Atolls	54,590	0.2	3788.2 (2018)	135.7	2.5	5 (1989)	2%
Polynesia	Cook Islands	237	1,830,000	High islands & atolls	17,434	0.4	24,913.0	60.0	4.0	73(2014)	26%
	Niue	259	390,000	Raised coral Atoll	1,562	0	18,757	5	1	11.45 (2009)	0
	Samoa	2,935	120,000	High islands	198,646	0.9	4,324.0	198.0	1.3	356.0	42%
	Tonga	650	700,000	High island with a few small atolls	99,780	0.5	4,903.2	106.3	1.3	155 (2011)	10%
	Tuvalu	26	900,000	Atolls	10,580	0.1	4,059.0	11.0	1.0	5.0	23%

Notes
* https://sdd.spc.int/
** http://wdi.worldbank.org/table/4.2
*** https://data.worldbank.org/indicator/
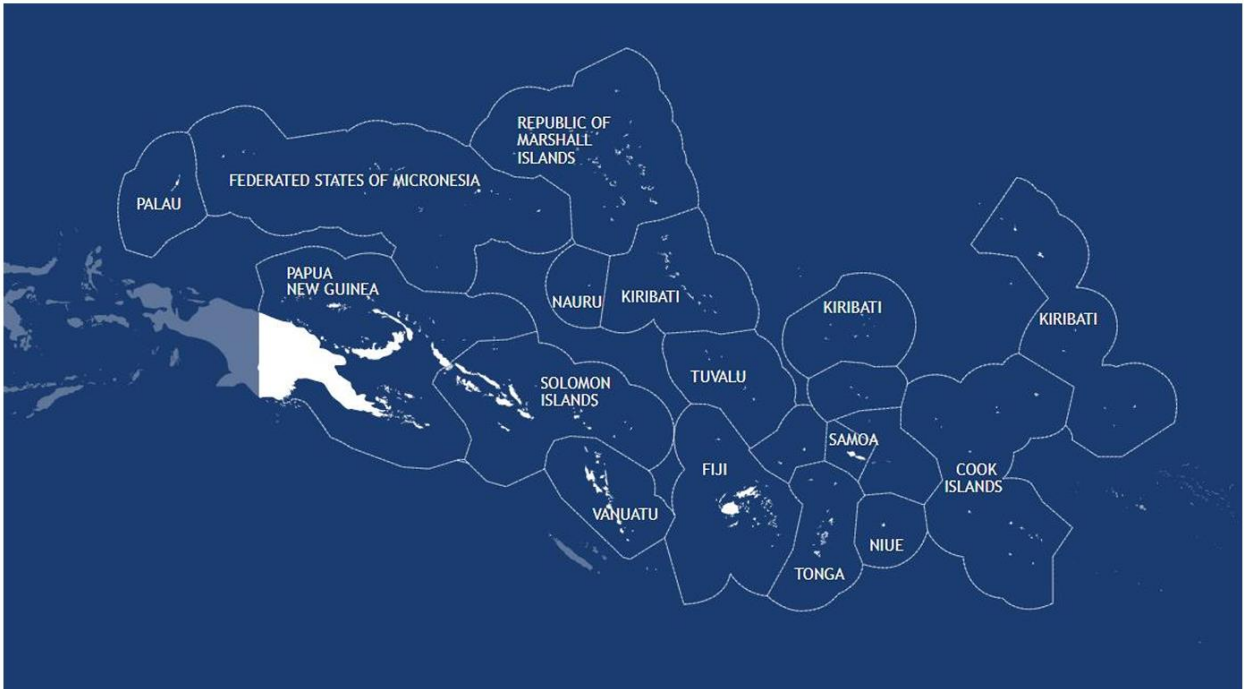**** SPREP (2020) State of Environment and Conservation in the Pacific Islands: 2020 Regional Report. Straza TRA (author). Wheatley A, Anderson P, Callebaut J, Reupena L (eds). Apia, Samoa: Secretariat of the Pacific Regional Environment Programme. Available at: https://library.sprep.org/sites/default/files/2021-03/SOE-conservation-pacific-regional-report.pdf

Source: Strategy 2030, Regional Pacific NDC Hub

Annex 2 Pacific Islands Countries

Note: white areas are landmass