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WORKSHOP REPORT

PAPUA NEW GUINEA'S FIRST BIENNIAL TRANSPARENCY REPORT (BTR₁) INCEPTION WORKSHOP AND REDD+ TECHNICAL ANNEX WORKSHOP REPORT

17th April, 2024

Holiday Inn Hotel



Supported by;

- Food and Agriculture Organization of the United Nations (FAO) under the United Nation Collaborative Programme on Reducing Emissions from Deforestation and Forest Degradation (UN-REDD).

and

- o Expertise France with funding from the European Union through the national component of the European Union-funded Forestry-Climate Change-Biodiversity (EU-FCCB) Programme for Papua New Guinea, implemented by Expertise France.



Food and Agriculture
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United Nations

UN-REDD
PROGRAMME



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Climate Change and Development Authority

The Climate Change Development Authority was established in November 2015 by the Climate Change Management Act of 2015. It is mandated as a lead Government agency in the country to coordinate climate change activities and strives to coordinate this process through partnerships with the development partners in PNG and internationally

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Abbreviation

AFOLU	Agriculture, Forestry and Other Land Use
BUR	Biennial Update Report
BTR	Biennial Transparency Report
CCDA	Climate Change and Development Authority
COP	Conference of Parties
EU-FCCB	European Union-funded Forestry-Climate Change-Biodiversity
FAO	Food and Agriculture Organization of the United Nations
ETF	Enhanced Transparency Framework
GHG	Greenhouse Gas
JICA	Japan International Corporation Agency
IPCC	Intergovernmental Panel on Climate Change
IPPU	Industrial Processes and Product Use
LULUCF	Land Use, Land-use Change and Forestry
MRV	Measurement, Reporting and Verification
MPGs	Modalities, Procedures and Guidelines
NC	National Communication
NDC	Nationally Determined Contribution
NIR	National Inventory Report
PNG	Papua New Guinea
PNGFA	Papua New Guinea Forest Authority
REDD	Reduced Emissions from Deforestation and Degradation
UNFCCC	United Nation Framework Convention on Climate Change
UN-REDD	United Nation Collaborative Programme on Reducing Emissions from Deforestation and Forest Degradation

1. Executive Summary

The Climate Change and Development Authority (CCDA), with technical support from our development partners, the Food and Agriculture Organization of the United Nations (FAO) under the UN Collaborative Programme on Reducing Emissions from Deforestation and Forest Degradation (UN-REDD) and Expertise France, funded by the European Union through the EU-FCCB Program for Papua New Guinea (PNG) provided logistical support such as workshop venue hire, return airfares, accommodation and travel allowance for five provincial representatives, organized this Inception Workshop.

This event took place at the Holiday Inn Hotel in Port Moresby, with the dual purpose of presenting an overview of PNG's First Biennial Transparency Report (BTR) and its workplan, as well as the REDD+ Technical Annex Workshop. Biennial Transparency Report (BTR) is a report submitted by countries to report on progress towards climate goals, including emissions, mitigation actions, and support needed/received while REDD+ Technical Annex accompanies BTR, detailing efforts to reduce emissions from deforestation and forest degradation, including methodologies and data for transparency. Additionally, the second PNG's National REDD+ Forest Reference Level was launched. The workshop gathered a total of 57 participants, including 37 men and 20 women, representing government departments, private sectors, NGOs, civil societies, and academic institutions.

The Acting Managing Director of CCDA, Ms. Debra Sungi, opened the workshop with welcome remarks, acknowledging the active participation of stakeholders and development partners in PNG's First BTR Inception and REDD+ Technical Annex workshop. Mr. Bir Mandal, Head of FAO-PNG, and Mr. Jacques Fradin, Ambassador of the European Union to PNG, also addressed the participants. Mr. Mandal highlighted the significance of National Climate Change Reporting to the UNFCCC, while Mr. Jacques Fradin praised the collaborative efforts of partner agencies and reaffirmed the EU's ongoing support for the development of PNG's First BTR as part of the Annual Action Plan between CCDA and Expertise France.

The primary objectives of the workshop were to present PNG's First Biennial Transparency Report (BTR) overview and workplan, launch the second National REDD+ Forest Reference Level, and enhance stakeholder understanding and coordination for the BTR and REDD+ Technical Annex preparation.

These objectives were successfully achieved, as evidenced by the active engagement and constructive discussions among the participants, culminating in a clear path forward for the preparation of PNG's First BTR and REDD+ Technical Annex.

The way forward for preparing the BTR and REDD+ Technical Annex involves a collaborative effort to complete the National GHG Inventory, track NDC progress, and document climate change impacts and adaptation measures, with the timeline set for data collection and initial drafting from July to September 2024, stakeholder review from October to November 2024, and finalization and submission in December 2024.

The workshop was led by officers from CCDA, PNGFA, and FAO, covered critical topics including an overview of the BTR and REDD+ Technical Annex, the National GHG Inventory, NDC progress tracking, climate change impacts and adaptation information, support needs and received, workplans for BTR1 and REDD+ Technical Annex preparation, LULUCF assessment, and the PNG Forest Monitoring System.

2. Introduction

2.1 Background

The Biennial Transparency Report under the Enhanced Transparency Framework of the Paris Agreement is a critical component of the global effort to address climate change. The Paris Agreement, adopted in December 2015 under the United Nations Framework Convention on Climate Change (UNFCCC), represents a landmark accord in which nearly every country in the world pledged to take action to mitigate greenhouse gas emissions and adapt to the impacts of climate change. One of the key pillars of the Paris Agreement is the enhanced transparency framework, which aims to ensure that countries are accountable for their climate actions and that progress towards meeting their commitments is clear, comparable, and credible. The Enhanced Transparency Framework established by the Paris Agreement sets out detailed guidelines and procedures for reporting and reviewing countries' efforts to address climate change.

The Biennial Transparency Report (BTR) is a key instrument within this framework, requiring each participating country to submit comprehensive reports every two years, with the first submission due by 31 December 2024. According to the modalities, procedures and guidelines (MPGs) for the Enhanced Transparency Framework (annex to decision 18/CMA.1), BTR include information on national inventory reports (NIR), progress towards NDCs, policies and measures, climate change impacts and adaptation, levels of financial, technology development and transfer and capacity-building support, capacity-building needs and areas of improvement. The scope of these reports provides updates on actions undertaken by the party to implement the Convention, including the status of its GHG emissions and removals by sinks, as well as on the actions to reduce emission or enhance sinks.

The BTR inception workshop was held at Holiday Inn Hotel in Port Moresby to give the overview of the BTR and REDD+ Technical Annex. The workshop held was also to inform the stakeholders about the information that will be provided in PNG's First BTR.

2.2 Objective

The following were the objectives of the BTR Inception Workshop and REDD+ Technical Annex Workshop;

- i. Biennial Transparency Report (BTR)
 - o Present the overview of the First BTR
 - o Present the work plan for the preparation of the First BTR
- ii. REDD+ Technical Annex
 - o Present the overview of the REDD+ Technical Annex
 - o Present the work plan for the preparation of the REDD+ Technical Annex

iii. Launching of the PNG's Second National REDD+ Forest Reference Level.

3. Speeches By Head of Organisations/Agencies

3.1 Statement by the Acting Managing Director, Climate Change and Development Authority – Ms. Debra Sungi

Acknowledgements



- EU Ambassador to PNG, Mr. Jacques Fradin.
- Head of FAO PNG Office, Bir Mandal
FAO Staff,
- CCDA Staff,
- Members of the Media,
- Ladies and Gentlemen.

Ms. Debra SUNGI

Good morning and thank you for joining us today for this significant event. As the Acting Managing Director of the Climate Change and Development Authority (CCDA), it is my privilege to address you on this momentous occasion.

Today marks a pivotal moment in Papua New Guinea's journey towards climate transparency and forest conservation. With the impending submission of our First Biennial Transparency Report (BTR) and the REDD+ Technical Annex, we stand at the forefront of global efforts to combat climate change and preserve our precious natural resources.

The importance of this event cannot be overstated. The Paris Agreement underscores the urgent need for collective action to limit global warming and mitigate its devastating impacts. By fulfilling our reporting obligations under the Enhanced Transparency Framework, we demonstrate our unwavering commitment to this vital cause.

Coordination lies at the heart of our success. In order to effectively address the complex challenges posed by climate change, we must work together across sectors and borders. The collaboration between government agencies, international organizations, and civil society exemplifies the spirit of partnership that is essential for achieving our shared goals.

I would like to extend my heartfelt gratitude to our esteemed partners and donors who have provided invaluable support throughout this journey. The Food and Agriculture Organization of the United Nations (FAO) and Expertise France have been instrumental in providing technical assistance and capacity building, enabling us to strengthen our reporting mechanisms and enhance our forest conservation efforts.

Furthermore, I would like to express our sincere appreciation to the European Union for their generous funding through the Forestry-Climate Change-Biodiversity Program. Their support has been indispensable in facilitating the logistical aspects of our initiatives and ensuring their successful implementation.

In closing, let us reaffirm our collective commitment to safeguarding our planet for future generations. Together, let us continue to strive for transparency, accountability, and sustainability in our actions. With determination and collaboration, we can overcome the challenges of climate change and build a brighter, more resilient future for all.

Thank you!

3.2 Statement by the Head of Food and Agriculture Organisation PNG Office, Mr. Bir Mandal

Acknowledgements



Mr. Bir Mandal

- Ms. Debra Sungi, Acting Managing Director, Climate Change & Development Authority (CCDA)
- EU Ambassador, Mr. Jacques Fradin, Head of European Union Delegation to PNG
- Mr. William Lakain, General Manager, MRV & National Communication Division, CCDA
- Mr. Alaric Vandenberghe, Project Manager, EU-FCCB Programme
- Distinguished government officials, representatives of civil society organizations, technical experts, development partners, UN colleagues, ladies and gentlemen
- Good morning to you all.

Talking points:

What is BTR?

- Under the Enhanced Transparency Framework, Parties to the Paris Agreement are required to submit biennial transparency reports (BTR) every two years, with the first submission due by 31 December 2024.
- BTR includes information on the Greenhouse Gas Inventory, NDC progress, climate change impacts and adaptation, etc.
- Small Islands Developing States (SIDS) and Least Developed Countries (LDCs) may submit the BTR at their discretion. Despite being a SIDS country, PNG committed to submitting its 1st BTR by the end of 2024. FAO commends the PNG Government for its decision and for being a regional and global leader in addressing climate change. FAO is fully committed to supporting such government efforts.
- Before BTR, UNFCCC's non-Annex I Parties are required to submit Biennial Update Report (BUR) to disclose GHG inventory and other climate change information.
- PNG submitted BUR1 in 2019 and BUR2 in 2022. BUR2 reported the PNG's net zero emission status. In the Pacific region, only Vanuatu submitted its BUR1 in 2021, and Micronesia submitted it in 2023. PNG's achievement is outstanding, and the FAO is proud to have supported the government's accomplishments.

The launch of the 2nd Forest Reference Level

- Today, CCDA will launch its 2nd Forest Reference Level (FRL2). Forest Reference Level is the benchmark to estimate the country's REDD+ results. In the Pacific Region, only three other countries have submitted Forest Reference Level. FAO also supported the Solomon Islands and Samoa's submission through the technical team led by Dr. Hitofumi Abe. PNG submitted its FRL2 in January 2023. The UNFCCC conducted a comprehensive review of the PNG FRL2 throughout 2023. The assessment report concluded that the data and information used by Papua New Guinea in constructing its FRL are transparent, complete and in overall accordance with the guidelines contained in decision 12/CP.17, annex.
- Congratulations to the PNG government for another significant achievement.
- I would like to emphasize that the PNG Forest Authority also significantly contributed to the Forest Reference Level construction. FRL2 was another remarkable collaborative effort by the CCDA and PNGFA.
- BTR1 will contain REDD+ results against the FRL2. Thus, the launch of the FRL2 is very relevant to today's workshop.

Acknowledgment for EU and Expertise France

- I would like to acknowledge the financial support from all donors, especially the European Union. The funding from the EU has enabled FAO to support the government's strong efforts and remarkable achievements.
- Today's workshop is funded by Expertise France through the EU-FCCB Program. I express my sincere gratitude to Expertise France. FAO looks forward to continuous and effective collaboration with Expertise France.
- With that, I wish you all a productive workshop today.

Thank you.

3.3 Statement by Mr. Jacques Fradin, Ambassador of the European Union to PNG.



Mr. Jacques Fradin

Acknowledgements

- Dear Ms Debra Sungi, Managing Director of CCDA,
- Dear Mr Bir Mandal, Head of Office of FAO in PNG,
- Dear participants,

- As Ambassador of the European Union to Papua New Guinea, it gives me great pleasure to take part in the opening of this inception workshop focused on the preparation of PNG's first Biennial Transparency Report (BTR) & REDD+ Technical Annex.
- This is a workshop that the European Union is supporting through the national component of the European Union-funded Forestry-Climate Change-Biodiversity (EU-FCCB) Programme.
- So, what is the EU-FCCB Programme?
 - The EU-FCCB Programme is a programme that I had the pleasure of launching on 31 October 2023 with Mr James Marape, the Prime Minister of Papua New Guinea.
 - The aim of the EU-FCCB Programme is to assist the PNG Government and forest dependent communities in establishing a development model that reconciles climate change, environmental protection and biodiversity with sustainable, inclusive and gender-responsive green growth and jobs.
 - As I stressed during the launch on 31 October, the EU-FCCB Programme has been designed from its very beginning to be in line with the government's priorities and strategies and has been the object of significant consultations that have been organized with government institutions and other PNG-based stakeholders. With funding of €54.7 million, equivalent to PGK 216 million, it is one of the largest forest-related cooperation programmes of the European Union anywhere in the world.
 - This is a programme that has three components:
 - The first component is support at the national/institutional level and it is implemented by Expertise France.
 - The second component is support to the Managalas Conservation Area in Oro Province, and it is implemented by CIFOR/ICRAF.
 - The third component is support to the expansion of the National Forestry Inventory (NFI), and it is implemented by FAO.
 - This workshop is supported under the first component on support at the national/institutional level. One of its interventions is to support the Government of Papua New Guinea on data management, monitoring and reporting on greenhouse gas (GHG) emissions, with the objective of helping PNG meet its international requirements under the United Nations Framework Convention on Climate Change (UNFCCC)
 - And I am very happy that this support has started with this workshop today.
- So today, you will be discussing how to prepare PNG's submissions to the UNFCCC in terms of the Biennial Transparency Report (BTR) and the REDD+ Technical Annex/

- Now, why is this workshop today important?
 - Well, there are a number of reasons.
 - The first reason is that it is vital for all countries including PNG to comply with their international reporting requirements set out under the Paris Agreement.
 - And what does the Paris Agreement say on this? Well it established something called the Enhanced Transparency Framework (ETF) and under this all countries need to submit the BTRs and associated documentation on time and according to a specific rules and guidelines.
 - And why is this important? Because without data, how can you assess what progress has been made (or not) on climate action? How can you keep companies, financial institutions, countries, regions, accountable against their targets? How can you effectively inform decision-makers?
 - It is called Enhanced Transparency Framework for a reason. Transparency is the foundation for action. It enables you to have credible information to say what you have achieved and what you have left to do.
 - The second reason, I believe, is that, as many of you are aware, PNG has all to gain by continuing to be very good when it comes to its reporting on GHG emissions and removals.
 - The most recent reports have shown that PNG is one of the few countries in the world that actually removes more greenhouse gases than it emits. And this is because PNG holds one of the largest standing pristine tropical rainforest anywhere in the world, and these forests absorb significant quantities CO₂. And yet PNG is one of the countries most vulnerable to the impacts of climate change.
 - In the past, PNG, with the support of development partners, has been very good at making sure that it was providing reports as per all of the different international requirements on time and with good quality. The European Union, through previous support to FAO for the National Forestry Inventory (NFI), has contributed to this in the past, and we are happy to continue to provide support through the EU-FCCB Programme.
 - Being excellent on reporting on such issues is therefore of huge importance to PNG. This can help the country receive carbon finance and other forms of support from the international community or from companies who would like to offset their emissions. More generally, it raises the profile of the country internationally and shows that PNG is part of the solution to the problems of the world.
- It is with this in mind that I wish you all a very productive session today.
- Thank you!

4. Workshop Particulars and Attendance

4.1 Particulars

Listed on the table below are the particulars of the workshop

Day	Wednesday
Date	17 th April, 2024
Time	9:00am – 4:00pm
Venue	Holiday Inn Hotel
Facilitator(s)	Ms. Jacinta Kull

4.2 Participants

The workshop was attended by stakeholders from government departments, private sectors, NGOs, CSOs, Academies and Media. The FCCB Programme provided logistical and financial support to a representative each from Eastern Highland, West New Britain, New Ireland, Manus, and Autonomous Region of Bougainville Provincial Administrations to attend this workshop.

5. Presentation

The presentations were from CCDA, PNGFA, and FAO officers. The table below gives the details of all the presentations of the workshop.

	Presentation(s)	Moderator/ Presenter	Agency
1.	Workshop Overview <ul style="list-style-type: none"> Workshop objectives and contents 	Mr. William Lakain	CCDA
2.	Launching of PNG's Second National REDD+ Forest Reference Level	Mr. Jason Paniu	CCDA
Session One –Biennial Transparency Report (BTR)			
3.	Overview of Biennial Transparency Report <ul style="list-style-type: none"> PNG BUR2 recap BTR introduction 	Ms. Jacinta Kull	CCDA
4.	National GHG Inventory	Mr. Jason Paniu	CCDA
5.	Information necessary to track progress in implementing and achieving NDC	Mr. Junior Solomon	CCDA
6.	Information on climate change impacts and adaptation	Ms. Priscilla Pep	CCDA
7.	Information on support needed and received	Mr. Japheth Gai	CCDA

8.	Workplan for preparation of BTR1	Mr. Jason Paniu	CCDA
9.	Donor coordination to support the government for the BTR preparation	Expertise France and FAO	
Session Two – Technical Annex			
10.	Overview of REDD+ Technical Annex	Mr. Morgan Kai	
11.	LULUCF Assessment	Mr. Oala Iuda	PNGFA
12.	PNG National Forest Monitoring System <ul style="list-style-type: none"> • New Initiatives under UN-REDD <ul style="list-style-type: none"> ◦ Forest and Land-use Change Assessment 2000 –2022 Earth Map PNG	Masamichi Haraguchi	FAO
13.	Workplan for preparation of REDD+ Technical Annex	Mr. Paul Hasagama	FAO

5.1 Session one (1) – Biennial Transparency Report

5.1.1 Workshop Overview: Workshop Objective and Contents

Mr. William Lakain – Acting General Manager, MRV and National Communication Division

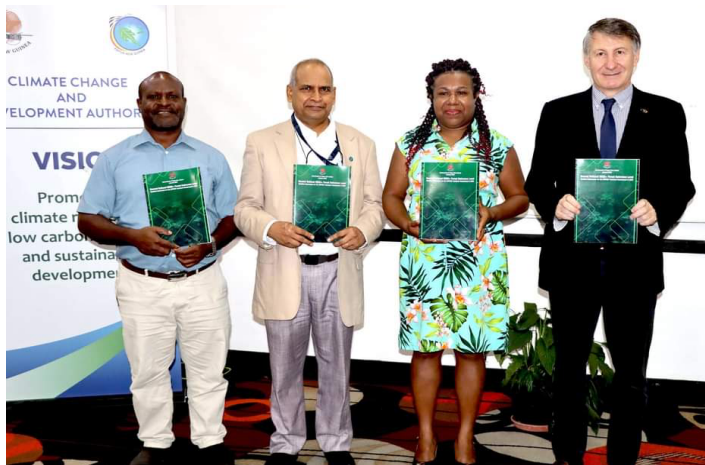
The Acting General Manager, MRV & NC Division of CCDA acknowledged the technical support from the Food and Agriculture Organization of the United Nations (FAO) under the United Nation Collaborative Programme on Reducing Emissions from Deforestation and Forest Degradation (UN-REDD) and logistical support from the Expertise France with funding from the European Union through the national component of the European Union-funded Forestry-Climate Change-Biodiversity (EU-FCCB) Program for Papua New Guinea (PNG). Special gratitude to Mr. Mandal, Head of Office, FAO PNG and His Excellency, Mr. Jacques Fradin, European Union Ambassador to PNG, MATSUOKA Hideaki-San, Chief Representative of JICA PNG for their presence during the workshop and for the technical and financial support through this process. Without these international development partners support, CCDA would not be able to develop and progress these National reports.

The main aim of the workshop was for the stakeholders to be informed about the inception of the BTR, transition of Biennial Update Reports (BURs) to BTR and inform them about the overview of the BTR. Also present the overview of the REDD+ Technical Annex that will be submitted as Annex of the BTR.

In conclusion, Mr. Lakain expressed his gratitude to the technical team for their commitment and efforts towards the progress made in preparation for the PNG's First Biennial Transparency Report.

5.1.2 Launching of PNG's Second National REDD+ Forest Reference Level Mr. Jason Paniu – Acting Manage, MRV Branch CCDA

Mr. Paniu briefly presented the overview of the PNG's Second National REDD+ Forest Reference Level. He invited the Acting Managing Director of CCDA, MS. Sungi, the Head of FAO Country Office, Mr. Bir Mandal, the European Union Ambassador, His Excellency, Mr. Jacques Fradin and a representative from Australian High Commission, the Program Manager, Mr. Harry Aurere to the front. Each of them had a copy each and display them for official photoshoot signifying the launch of the Second National REDD+ Forest Reference Level (FRL).



Photograph showing the Launching of the 2nd National FRL

5.1.3 Overview of Biennial Transparency Report: PNG BUR2 Recap and BTR Introduction

Ms. Jacinta Kull - National Communication Officer, NC Branch CCDA

The overview of the BTR including the chapters of the Biennial Transparency report were presented by Ms. Kull. She summarised the key elements of PNG's Climate Change obligation to UNFCCC and CCDA reporting history. Also, the Measurement, Reporting and Verification (MRV) arrangement we have in the country. She briefly outlined the content of the BTR as follows;

- National Greenhouse Gas Inventory
- Information necessary to track progress made in implementing and achieving NDC
- Information on climate change impacts and adaptation
- Information on support needed and received

In her presentation, she highlighted PNG's transition from the MRV framework under the Convention and plans for implementing the Enhanced Transparency Framework under the Paris Agreement.

5.1.4 National Greenhouse Gas (GHG) Inventory

Mr. Jason Paniu – Acting Manager, MRV Branch CCDA

The presentation by Mr. Jason Paniu defined the purpose and objectives of GHG Inventory under the UNFCCC guidelines. Mr. Paniu made mentioned of the 2006 IPCC guidelines which are used to calculate emissions from the sectors (AFOLU, Energy, IPPU, Waste) that will be reported under the BTR. The presentation included the reporting cycle and the actions undertaken by PNG, the recent GHG inventory and the expected outcomes of the First BTR. Mr. Paniu concluded his presentation with the methods and the institutional arrangements and the next steps to prepare the BTR.

Volume 1: General Guidance and Reporting

Volume 2: Energy

Volume 3: Industrial Processes and Product Use (IPPU)

Volume 4: Agriculture, Forestry and Other Land Use (AFOLU)

Volume 5: Waste



2006 IPCC Guidelines

5.1.5 Information necessary to track progress in implementing and achieving NDC

Mr. Junior Solomon – MRV Officer, MRV Branch CCDA

The Presentation from Mr. Junior Solomon focused on the necessary information to track progress made in implementing and achieving the Party's NDC. Mr. Solomon presented information on the national circumstances and institutional arrangements we have within country and also with other countries such as Internationally transferred mitigation outcomes (ITMOs). The presentations also cover description of the party's NDC under article 4 of the Paris Agreement, mitigation policies, Actions and plans. The other information that was presented includes; a summary of GHG Emission and projections of GHG Emission and Removals. These are the relevant information that Mr. Solomon presented which party shall report in the BTR.

5.1.6 Information on climate change impacts and adaptation

Ms. Priscilla Pep – National Communication Officer, NC Branch CCDA

Ms. Pep's presentation was more concentrated on the contents of chapter III of the BTR on impacts, risks, and vulnerabilities of climate change. It discussed current and projected climate trends and hazards, observed potential impacts on sectors like the economy, society, and the environment, as well as approaches and methodologies

to address these vulnerabilities. Additionally, it highlighted the national circumstances, institutional arrangements, and legal frameworks in place to support adaptation efforts in the country.

5.1.7 Information on support needed and received

Mr. Japheth Gai - MRV Officer

Mr. Gai presented on the support received and needed. He briefly summarised the reporting provisions on support received and needed under the current MRV arrangements and reporting provisions under the new Enhanced Transparency Framework (ETF) following the modalities, procedures and guidelines (MPGs) adopted by decision 18/CMA.1. Also, the challenges developing country parties face when implementing the ETF were presented.

5.1.8 Questions and Answers (Responses)

- What are the differences between the reports?

Answer: BTR, BUR, NC etc are different types of reports required by the United Nations Framework Convention on Climate Change (UNFCCC) for Parties to the Convention. They serve distinct but complementary purposes in the framework of intentional climate policy.

- Does BTR supersede the NCs and BURs?

Answer: The BTRs are intended to eventually replace the BURs and to some extent, overlap with the NCs. The transition to BTRs represents an evolution towards a more unified and streamlined reporting system under the Paris Agreement, with a focus on enhancing transparency and tracking progress against NDCs.

During the transition period, countries may still be required to submit both NCs and BTRs until the reporting frameworks are fully aligned. The detailed guidance and timelines for this transition are provided by the UNFCCC and are subject to ongoing negotiation and refinement.

- Which IPCC guideline will be used to estimate GHG emissions?

Answer: 2006 IPCC Guidelines: Remain the foundational guidelines for estimating GHG emissions across various sectors.

2019 Refinement: Provides updates and enhancements to the 2006 guidelines, aimed at improving the accuracy of emissions estimates.

- What assessment report will be used to estimate the CO₂ equivalent?
Answer: While the Assessment Report 4 (AR4) Global Warming Potentials (GWPs) have been the standard, the most recent IPCC assessment reports (AR5 and AR6) provide updated GWPs that are increasingly being adopted for estimating CO₂ equivalents. Countries are encouraged to use these latest values to ensure their greenhouse gas inventories are as accurate and up-to-date as possible.

- How do we collect data to develop these reports?

Answer: Collecting data for GHG inventories involves coordinated efforts across multiple sectors and stakeholders, utilizing a combination of national statistics, direct measurements, surveys, and remote sensing. Ensuring accuracy, transparency, and consistency is critical, achieved through established QA/QC procedures and adherence to international guidelines.

Comments

- I. The capacity needs for the data providers should be considered and data gaps should be captured in these reports. Both financial and capacity building support is needed to collect data required to develop the reports.
- II. To implement the NDC, the implementing agencies need funding support. Policies have been developed but there's limited funding support to implement the policies and achieve NDC targets.



Mr. Larsen Daboyan from NEA asking question during Q&A Session

5.1.9 Workplan for preparation of BTR1

Mr. Jason Paniu – Acting Manager, MRV Branch CCDA

The presentation was actually about the workplan for the BTR. The BTR sections includes; information on the national greenhouse gas (GHG) inventory, information necessary to track progress in implementing and achieving the Nationally Determined Contributions (NDC), information on climate change impacts and adaptation, information on support needed and received, and workshops and STWC meetings. The workplan for the national GHG inventory includes activities such as data collection, quality control, estimation of GHG emissions and removals, uncertainty assessment, key category analysis, drafting of the BTR, and electronic reporting tables, with deadlines ranging from August to December.

The information necessary to track progress in implementing and achieving the NDC includes activities such as one-on-one stakeholder consultations, projections of GHG emissions and removals, drafting of the BTR, and electronic reporting tables, with deadlines in August, October, November, and December.

The information on climate change impacts and adaptation includes one-on-one stakeholder consultations and drafting of the BTR, with a deadline in October and November respectively.

The information on support needed and received includes one-on-one stakeholder consultations, drafting of the BTR, and electronic reporting tables, with deadlines in October, November, and December. The workshops and STWC meetings include an inception workshop in April, a consultation workshop in November, a validation workshop in December, and two STWC meetings in the second and third quarters.

5.1.10 Donor coordination to support the government for the BTR preparation

Mr. Alaric – EU FCCB Program Manager, Expertise France

The presentation discussed the European Union-funded Forestry-Climate Change-Biodiversity (EU-FCCB) Programme for Papua New Guinea, focusing on supporting a development model that reconciles FCCB with green growth, just transition, and decent jobs. The presentation outlined specific objectives and targets for 2024, including the signing of an MoU with CCDA, improvement of PNG's data management on GHG emissions, facilitation of technical working groups, support for private sector coordination on climate finance, and an assessment of CCDA's performance with recommendations for review.

5.2 Session two (2) – REDD+ Technical Annex

5.2.1 Overview of REDD+ Technical Annex

Mr. Morgan Kai – Acting Senior MRV Officer, MRV Branch CCDA

The presentation provided an overview of the REDD+ Technical Annex (TA) for Papua New Guinea (PNG). It included information on PNG's second Forest Reference Level (FRL) and its progress in implementing REDD+ activities. The document also outlines the objectives of PNG's second FRL, which include assessing PNG's performance in implementing REDD+ activities, contributing to international mitigation through REDD+ actions, and accessing results-based payments. It further discusses the elements of PNG's FRL2, such as forest definition, scope, carbon pools, gases, scale, activity data, emission factors, construction methodology, reference period, and results period. The document also provides a summary of the FRL2 submission to UNFCCC, which includes historical emissions and removals, the FRL for the reference period, and the FRL for the result period. Additionally, the document gives an overview of the REDD+ TA, including its chapters and sub-sections, which cover topics on the REDD+ results, national forest monitoring system, and uncertainty analysis. Overall, the document provides a comprehensive understanding of PNG's REDD+ efforts and its reporting process under the UNFCCC.

5.2.2 LULUCF Assessment

Mr. Oala Iuda - PNGFA

The presentation provided an overview of the LULUCF Assessment. A brief definition of forest as per NEC decisions for the NFI project was elaborated. The definition of forest accepted by the NEC is the National definition for forest used in PNG and in the reports developed. LULUCF Assessment is quite complex. GIS and Remote sensing systems are utilized to monitor land use change. The National Forest Inventory (NFI) project and satellite lands monitoring system (SLMS) have been of must assistance to do land use change assessments. PNGFA uses a plot sampling method using Collect Earth for the NFI projects and CCDA uses the SLMS (wall-to-wall mapping). There are 13 forest types in PNG including mangroves. LULUCF remains a complex sector to assess and estimate GHG emissions.

5.2.3 PNG National Forest Monitoring System: New Initiative under PNG CBIT Phase 2 – Forest and Land-use Change Assessment 2000-2022 and Earth Map PNG

Mr. Masamichi HARAGUCHI - FAO International Consultant

The presentation covers topics such as the PNG National Forest Monitoring System, new initiatives under UN-REDD, and the modalities for NFMS/MRV in COP Decision. The presentation also mentions new approaches/tools for activity data, collaboration with the Central African Forest Initiative (CAFI) and FAO, and the use of Earth Map for analysis. It provides information on the implementation schedule, available datasets in Earth Map, and technologies to be introduced to the EU-FCCB NFI. The presentation concludes with a summary and the way forward for PNG's NFMS. The following are the brief of what was presented;

- The PNG National Forest Monitoring System and new initiatives under UN-REDD.
- The modalities for NFMS/MRV in COP Decision are explained, including the need for transparent and consistent data for measuring forest-related emissions.
- New approaches/tools for activity data are mentioned, including collaboration with the Central African Forest Initiative (CAFI) and FAO.
- The information on the implementation schedule for multi-stakeholder forest and land use assessments.
- The use of Earth Map for analysis, including land cover mapping and risk mapping.
- The availability of various datasets in Earth Map, including climate, forestry, and social data.
- The technologies to be introduced to the EU-FCCB NFI are discussed, such as Terrestrial Laser Scanning and Open Foris Arena.
- Concludes with a summary of the key points discussed and the way forward for PNG's NFMS.

5.2.4 Workplan for preparation of REDD+ Technical Annex

Mr. Paul Hasagama-FAO

The workplan to prepare REDD+ Technical annex to submit with PNG's First Biennial Transparency Report (BTR) to UNFCCC by December 2024 was presented. The key activities that would be undertaken for the preparation of REDD+ TA was discussed. These activities are as follows; Drafting the outline of the REDD+ TA, Assignment of BTR sections or Chapter, Compilation of initial inputs, TWC meetings to present the draft of the REDD+ TA, stakeholder consultation workshop, finalisation and validation and submission to UNFCCC.

6. Conclusion

The BTR Inception Workshop was a significant step towards enhancing Papua New Guinea's commitment to the Paris Agreement's Enhanced Transparency Framework. The workshop successfully achieved its primary objectives: presenting the overview and workplan for PNG's First Biennial Transparency Report (BTR), launching the second National REDD+ Forest Reference Level, and fostering a comprehensive understanding among stakeholders regarding the preparation of the BTR and REDD+ Technical Annex. The active engagement and constructive discussions during the workshop underscore the collective dedication of all participants towards achieving these goals.

7. Recommendation

- **Strengthen Stakeholder Engagement:** Maintain and enhance the collaboration among government departments, private sectors, NGOs, civil societies, and academic institutions to ensure the effective preparation and submission of the BTR and REDD+ Technical Annex.

- **Capacity Building:** Invest in continuous capacity building for all relevant stakeholders to improve their understanding and ability to contribute to the BTR and REDD+ processes effectively.
- **Data Collection and Management:** Prioritize the completion of the National Greenhouse Gas (GHG) Inventory and ensure accurate tracking of progress in implementing and achieving the Nationally Determined Contribution (NDC).
- **Resource Allocation:** Ensure adequate resources, both financial and technical, are allocated for the successful completion of the BTR and REDD+ Technical Annex within the stipulated timelines.
- **Transparent Reporting:** Adhere to the guidelines and procedures established by the Enhanced Transparency Framework to ensure the reports are clear, comparable, and credible.

8. Way Forwards

- **Data Collection and Initial Drafting (July-September 2024):** Complete the data collection for the National GHG Inventory and begin the initial drafting of the BTR components.
- **Stakeholder Review and Revisions (October-November 2024):** Conduct a thorough review involving all stakeholders to discuss and incorporate necessary revisions to the draft BTR and REDD+ Technical Annex.
- **Finalization and Submission (December 2024):** Finalize the BTR and REDD+ Technical Annex based on stakeholder feedback and submit PNG's First BTR to the UNFCCC.
- **Continuous Monitoring and Evaluation:** Establish a robust monitoring and evaluation framework to continuously track the progress and effectiveness of the implemented measures and actions outlined in the BTR.
- **Preparation for Subsequent Reports:** Begin preparations for subsequent biennial reports, leveraging the lessons learned and best practices identified during the preparation of the first BTR to enhance future reporting processes.

By following these recommendations and next steps, Papua New Guinea can ensure the timely and effective preparation and submission of its First Biennial Transparency Report, contributing to global efforts in addressing climate change.

9. Appendix

9.1 Participants' List

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9.2 Workshop Agenda

Time	Topic	Moderator/ Presenter
08:30 - 09:00	Registration	All participants
Opening Session		
09:00 - 09:05	Opening Prayer	Mr. Nathan Sapala (REDD+ Coordinator FAO)
09:05 - 09:15	Opening remarks by the Climate Change and Development Authority	Ms. Debra Sungi A/Managing Director, CCDA
09:15 - 09:20	Opening Remarks by the Food and Agriculture Organization of the United Nations	Bir Mandal Head of PNG Office, FAO
09:20 – 09:25	Opening Remarks by the European Union	H.E Jacques Fradin EU Ambassador to PNG
09:25 - 09:40	Workshop Overview • Workshop objectives and contents	Mr. William Lakain A/General Manager, MRV & National Communication Division, CCDA
09:40 - 10:00	Launching of PNG's Second National REDD+ Forest Reference Level FRL2 Publication	Mr. Jason Panu (Facilitate) A/Manager, MRV, CCDA
10:00 - 10:30	Coffee Break / Group Photo	All participants
Session One –Biennial Transparency Report (BTR)		
10:30 - 10:50	Overview of Biennial Transparency Report • PNG INC,SNC, BUR1 and BUR2 recap • BTR introduction	Ms. Jacinta Kull Officer, National Communications Branch, CCDA
10:50 - 11:00	National GHG Inventory	Ms. Everlyn Paul Officer, MRV Branch, CCDA
11:00 - 11:10	PNG National Forest Monitoring System • New Initiatives under PNG CBIT Phase 2	Masamichi Haraguchi
	○ Forest and Land-use Change Assessment 2000 – 2022 Earth Map PNG	International Consultant on National Forest Monitoring, FAO

11:10 - 11:20	Information on climate change impacts and adaptation	Ms. Pricilla Pep Officer, National Communications Branch, CCDA
11:20 – 11:30	Information on support needed and received	Mr. Japheth Gai Officer, MRV Branch, CCDA
11:30- 11:50	Q & A Session	Above speaker
11:50 – 12:00	Workplan for preparation of BTR1	Mr. Jason Paniu A/Manager, MRV, CCDA
12:00 – 12:10	Donor coordination to support the government for the BTR preparation	Expertise France and FAO
12:10- 12:30	Q & A Session	Above speaker
12:30 -13:30	Lunch	All participants
Session Two –Redd+ Technical Annex		
13:30 - 13:45	Overview of REDD+ Technical Annex	Mr. Morgan Kai Officer, National Communications Branch, CCDA
13:45 - 14:00	LULUCF Assessment	Mr. Oala Iuda PNGFA
14:00 - 14:15	Information necessary to track progress in implementing and achieving NDC	Mr. Junior Solomon Officer, MRV Branch, CCDA
14:15 -14:30	Workplan for preparation of REDD+ Technical Annex	Mr Paul Hasagama FAO
14:30-15:00	Q&A Session	Above speakers
15: 00- 15:15	Next step and Closing Remarks	Mr. William Lakain (Jason Paniu to be on standby) A/General Manager, MRV & National Communication Division, CCDA
Closing Session		

9.3 Pictures of the Event



Ms. Debra Sungi, CCDA A/MD, Mr. Bir Mandal, Head of FAO PNG Office and EU Ambassador, His Excellency, Mr. Jacques Fradin in Media Conference.



Workshop Participants Group Photo



CCDA A/MD, Ms. Debra Sungi, Head of FAO PNG Office, Mr. Bir Mandand, and Australia High Commission Program Manager, Mr. Harry Aurere displaying the copies of PNG's Second National REDD+ Forest Reference Level.

9.4 Press release and links to the media coverages

- <https://pngreddplus.org/news/papua-new-guinea-sets-sail-towards-climate-transparency-and-forest-conservation/>
- [Press Release Image](#)
- [Press Release FRL2 Document Launching](#)
- [Workshop Photos](#)