



**Ministry of Climate Change,
Environment and Energy**

Workshop reports of inter-ministerial coordination mechanism consultation and finalization - Workshop Report 1

**Consultancy Services to Review and
Strengthen the Institutional Arrangements for
Climate Change Reporting**

CBIT Maldives

**Capacity Building for Improved Transparency of Climate Change
Mitigation and Adaptation Actions in the Maldives**





Ministry of Climate Change, Environment and Energy
Male', Republic of Maldives

Workshop Report on Inter-Ministerial Coordination Mechanism Consultation and Finalization

**Workshop Report 1: Presentation of ETF Roadmap and initial consultation
on regulation on GHG Inventories and MRV**

*(This workshop is part of a series that fulfills Deliverable 1.1.4: Three Workshop
Reports of Inter-Ministerial Coordination Mechanism Consultation and
Finalization)*

Consultancy Services to Review and Strengthen the Institutional Arrangements for
Climate Change Reporting

CBIT MALDIVES
*Capacity Strengthening for Improved Transparency of
Climate Change Mitigation and Adaptation Actions in
the Maldives Project*





Ministry of Climate Change, Environment and Energy

Capacity Strengthening for Improved
Transparency of Climate Change
Mitigation and Adaptation Actions in
the Maldives Project (CBIT Maldives)



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September 2024

Consultant:

Up Close
SOLUTIONS

Contents

- Executive Summary..... 4
- 1. Introduction..... 5
- 2. Objectives of the workshop 6
- 3. Presentations..... 6
 - 3.1 Maldives Enhanced Transparency Network (ETF) Roadmap 6
 - 3.2 Regulation on GHG inventories and MRV of mitigation measures..... 6
- 4. Plenary Discussions 6
 - 4.1 Main Discussions and Recommendations 6
- Annex 1: Presentation on Maldives ETF Roadmap 9
- Annex 2: Presentation of draft regulation on GHG inventories and MRV of mitigation action 10
- Annex 2: Workshop Participant List 11

Executive Summary

As part of a consultancy project to review and strengthen institutional arrangements for Climate Change Reporting, a workshop was held on 16th July 2024. The main objective of the workshop includes.

1. To discuss and obtain feedback on the draft Maldives ETF roadmap
2. To discuss and obtain feedback of draft regulation on GHG inventories and MRV of mitigation actions.

The workshop was held in the Auditorium of the Ministry of Climate Change, Environment and Energy (MCCEE). 08 participants from Climate Change Department of MCCEE joined the workshop to provide the feedback for the draft Maldives ETF roadmap and draft regulation on GHG inventories and MRV of mitigation actions.

The workshop was conducted in plenary session presentations and plenary discussions. The plenary discussions were facilitated by the consultants. The discussions were aimed to obtain feedback in order to enhance the draft deliverables.

The workshop is one of three workshops that collectively fulfill Deliverable 1.1.4: “Three (3) Workshop reports of inter-ministerial coordination mechanism consultation and finalization” of the CBIT Maldives project.

1. Introduction

The Capacity Building Initiative for Transparency (CBIT) project of Maldives is aimed to strengthening institutional capacity for tracking mitigation and adaptation actions and establishing climate finance tracking system in the Maldives. It aims to establish and enhance the Maldives' transparency system, in line with Enhanced Transparency Framework (ETF) of Paris Agreement.

As part of the Maldives CBIT project, Up Close Solutions Pvt Ltd was recruited as consultants for review and strengthen the institutional arrangements for Climate Change reporting. The main objective of the assignment is the review and development of institutional arrangements for continuous national reporting in line with the Enhanced Transparency Framework (ETF) of the Paris Agreement including the development of the legal arrangements for the institutional arrangements. Under the consultancy assignment, the following draft documents were developed by the consultants;

- Draft Maldives ETF Roadmap
- Draft Regulation on GHG inventories and MRV of mitigation actions.

The workshop was held on Tuesday, 16th July 2024 to present the draft deliverables elaborated under the consultancy project. This workshop is the first of the three workshops which will be held to consult the main deliverables of the Consultancy Project. The second workshop will be "Stakeholder Consultation on Draft Regulation on GHG Inventories and MRV" which is expected to be held on September 2024. The last workshop will be "Final Presentation of Maldives ETF Roadmap, GHG MRV Regulation, and Key Findings to Stakeholders" and expected to be held on October 2024.

The workshop was inaugurated by Mr. Mohamed Inaz, Project Technical Coordinator, Maldives CBIT project. Mr. Mohamed Inaz presented the progress of the consultancy assignment, future workshops and stakeholder consultations.

After the inauguration of the workshop presentations were given by the consultants. The presentation was focused on the Maldives ETF Roadmap and the draft regulation on the GHG inventories and MRV of mitigation actions.

This workshop report is aimed to archive the main discussions and the presentations given on the workshop to present and discuss the workshop to discuss Maldives Enhanced Transparency Network (ETF) Roadmap and Regulation on Greenhouse Gas (GHG) Inventories and Monitoring Reporting and Verification (MRV) of mitigation actions. This report outlines as the following;

- **Objectives of the workshop:** the section includes the objectives of inception workshop will be described.
- **Presentations:** this section describes the two presentations given in the workshop. These presentations were given to orientate and facilitate the participants for the following group discussions.
- **Discussions:** this section captures the main discussions and recommendations made by the participants on the draft Maldives ETF Roadmap and the draft regulation on GHG inventories and MRV of mitigation actions.

2. Objectives of the workshop

The main objective of the workshop includes.

1. To discuss and obtain feedback on the draft Maldives ETF roadmap
2. To discuss and obtain feedback of draft regulation on GHG inventories and MRV of mitigation actions.

3. Presentations

3.1 Maldives Enhanced Transparency Network (ETF) Roadmap

This presentation was given by Mr. Hamdhoon Mohamed, National Institutional Arrangement Specialist for the consultancy project. The main content of this presentation include the following;

- Findings from the stock-taking reports;
- ETF Roadmap Framework;
- Details of Phases of ETF Roadmap

The presentation slides have been attached in Annex 01 of this workshop report.

3.2 Regulation on GHG inventories and MRV of mitigation measures

This presentation was also given by Uz. Mohamed Aseel Hassan and the main content of this presentation include the following;

- Main features of Regulation;
- National MRV steering committee
- Guidelines for National MRV steering committee;
- Sectorial Working Groups
- Responsibilities of the sectorial working groups
- Data Sharing MOUs
- Data flow diagram

The presentation slides have been attached to the Annex 02 of this workshop report.

4. Plenary Discussions

4.1 Main Discussions and Recommendations

The following table 1 enlist the main discussions regarding the two deliverables which were presented in the workshop.

Table 1: Main discussions and recommendations for the draft deliverables

Deliverable	Main Discussions	Recommendations
Maldives ETF Roadmap	<ul style="list-style-type: none"> • Participants inquired regarding what timeline is represented in the figure 1 – Maldives ETF Roadmap Phases. • Mr. Hamdhoon Mohamed clarified that the diagram is aimed to connect the Maldives ETF Phases with the global milestones in implementing the ETF under Paris Agreement. • Participants inquired regarding the alignment of Maldives ETF roadmap phases with National Planning cycle of 5 years. • Mr. Hamdhoon Mohamed informed the participants that the national planning cycle was not considered rather a BTR preparation cycle was considered for the Maldives ETF roadmap timeline. • Participants inquired regarding the monitoring and evaluation of the Maldives ETF roadmap. • Mr. Hamdhoon Mohamed acknowledged that the monitoring and evaluation aspects of the Maldives ETF Roadmap is missing. 	<ul style="list-style-type: none"> • To change the figure 1 of the Maldives ETF Roadmap to reflect more cyclic process. • To connect the Maldives ETF Roadmap with the national planning cycle of 5 years. • To include a general section on Monitoring and Evaluation of the implementation of Maldives ETF Roadmap.
Regulation on GHG inventories and MRV of mitigation action.	<ul style="list-style-type: none"> • Participants suggest revising and making the name of the regulation more general so that it could be easily understood by general public. • Participants inquired regarding what was the main regulation which was used as reference when the regulation on GHG inventories and MRV of mitigation action were drafted. • Uz. Mohamed Aseel Hassan informed that National Monitoring and Reporting regulation for Human rights related conventions were used as a reference regulation. It is 	<ul style="list-style-type: none"> • Provide a general name to the regulation rather than having technical jargon like GHG or MRV. • Suggest providing general provisions which recommend CCD to establish MRV steering committee and sectorial working groups. • The details of MRV steering committee and sectorial working groups currently include in the draft

	<p>implemented by Attorney General's Office.</p> <ul style="list-style-type: none"> • Participants suggested to have general provisions for establishment of a MRV steering committee and Sectorial Working groups rather than prescribing those committees and sectorial working groups. • Participants suggested to include provision of data availability in electronic format for ease of data sharing. • Participants inquired whether GHGs has been defined under the regulation. • Uz. Mohamed Aseel Hassan informed that GHGs has been enlisted in the regulation. • Participants enquired regarding the provision of intellectual properties rights of the data shared. • Uz. Mohamed Aseel Hassan informed that the provisions for intellectual property rights has been already included in the regulation as well as draft MOUs. 	<p>regulation can be covered to a guideline (<i>Usoolu</i>).</p>
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Annex 1: Presentation on Maldives ETF Roadmap



Maldives ETF Roadmap

Presented by:

Hamdhoon Mohamed

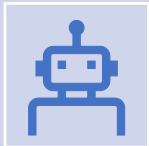
Director – Environmental Services

Up Close Solutions Pvt Ltd

Outline of the presentation



Findings of stock-taking



ETF Roadmap Framework



Details of Phases of ETF Roadmap

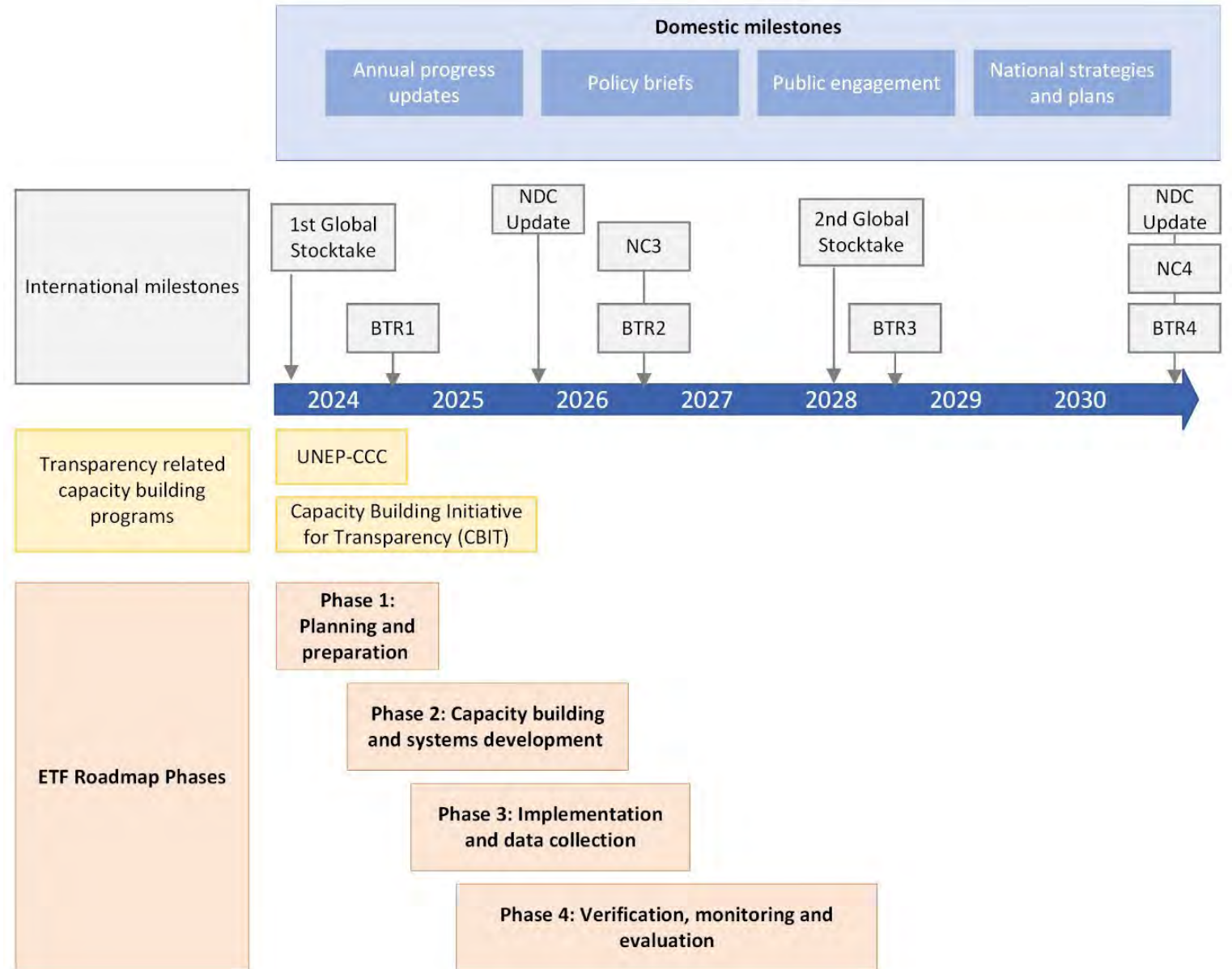
Findings of stock-taking

Component	Key Findings
Governance	<ul style="list-style-type: none">• Current arrangements, and the roles and responsibilities related to previous climate change reporting (such as National Communications and the Biennial Update Report), are performed on a project-by-project, ad-hoc basis.• The Climate Emergency Act mandates the Climate Change Department (CCD) of the Ministry of Climate Change, Environment and Energy (MCCEE) as the coordinator of climate change MRV activities for the GHG inventory and climate action tracking. However, supporting regulations to better define the institutional arrangements and compliance system associated with data collection, reporting and verification on climate action progress still need to be developed, with the overarching mandate only identified for the CCD.• There is limited engagement from academia and local government organizations in MRV activities.• Both GHG inventory and climate action tracking processes would benefit from formalized technical working groups representing a range of stakeholder organizations.
Expertise	<ul style="list-style-type: none">• Expertise is largely concentrated within the CCD, with significant technical capacity gaps in other ministries and among stakeholders (such as in).• Insufficient information and technical knowhow of climate change mainstreaming into planning.• There's a lack of adequate training in climate change-related areas and data handling, alongside challenges in retaining trained staff due to non-competitive conditions and lack of a junior expert development program.
Data Flow	<ul style="list-style-type: none">• The cost of acquiring the necessary data for compiling the GHG inventory is prohibitive and the submission of data is non-compulsory with little to no voluntary supply of data.• Data collection and management strategies are not fully developed, with policies for handling confidentiality and privacy only partially addressed.• Lack of local emission factors in energy, waste and transport sector as highlighted by the CBIT baseline assessment (2021), use of default emission factors in the latest Biennial Update Report (2019) and anticipated development of emission factors for the BTR project (2023).• A lack of data collection plans for NDC indicators and policies and measures which results in irregular collection schedules, insufficient quality control, and a lack of standardized data verification protocols.• Lack of uniform data formats across sectors, compounded by private sector reluctance to share data.

Findings of stock-taking

Component	Key Findings
Systems and tools	<ul style="list-style-type: none">• GHG Inventory database management systems, national GHG registry, and informational systems are not in place, but with initial level of development.• Limited tools and guidelines for GHG inventory data collection, primarily limited to the CCD team.• Current lack of comprehensive database management, templates and standardized IT tools hampers effective data collection, analysis, and reporting for consistent climate action and NDC tracking.
Stakeholder Engagement	<ul style="list-style-type: none">• Outward stakeholder engagement and use of the data is currently limited to the publication of data in official reports only, without feeding in directly to the decision making processes, affecting the usefulness of the transparency system for evidence-based decision-making. However, the MRV system and associated projects such as the development of the BTR, National Communications and sectoral action plans do involve a consultation process.

ETF Roadmap Framework



ETF Roadmap Phases

Phase	Estimated Cost	Estimated Timeframe
Phase 1: Planning and preparation	Approximately \$40,000 - \$60,000 USD	6 – 8 months
Phase 2: Capacity building and systems development	Approximately \$105,000 - \$225,000 USD	12 - 24 months
Phase 3: Implementation and data collection	Approximately \$50,000 - \$75,000 USD	12 - 18 months
Phase 4: Verification, monitoring and evaluation	Approximately \$30,000 - \$60,000 USD	24 – 36 months

Phase 1: Planning and preparation

- Formalize roles and responsibilities with the necessary agreements, arrangements and resources;
- Revive and formally establish MRV Steering Committees and working groups previously developed for the BUR and TNC processes; include specifics of working arrangements, frequency of meetings, chain of command, and data supply mandates;
- Develop Memorandums of Understanding to define working arrangements and responsibilities between stakeholders e.g. with Transport Authority, City Councils and Island Councils for Transport Sector Working Group.
- Develop supporting regulations on data collection protocols to operationalize key legislations such as Waste Management Act (24/2022), Climate Emergency Act (09/2021) and Energy Act 18/2021.

- Develop supporting regulations on data collection protocols to operationalize key legislations such as Waste Management Act (24/2022), Climate Emergency Act (09/2021) and Energy Act 18/2021.
- Develop regulations to support the enforcement of the roles and responsibilities of the Utilities Regulatory Authority, MCCEE and data providing stakeholder organizations in relation to data collection and provision, along an agreed schedule, with defined content and formats.
- Define a sustainable flow of resources to support ongoing development and management of the MRV system
- Assess resource requirements for each working group and key stakeholder organizations and draft needs assessment.
- Develop implementation plan to secure resources.

Phase 2: Capacity building and systems development

Perform detailed training needs assessment, deliver training and build technical capacity around the identified gaps within CCD and line ministries on the GHG inventory, mitigation action tracking, indicator development, climate action impact analysis, and ETF reporting.

Review existing systems and tools that can be integrated into any new tools developed.

Develop data collection templates, methodologies and formats for data providers and sectoral working groups

Develop GHG inventory database management system

Develop and distribute data collection templates and guidelines for the GHG inventory datasets

Develop climate action and NDC tracking database management system

Phase 3: Implementation and data collection

Improve the availability and standardization of data for the GHG inventory

Develop data collection plan for each GHG inventory sector

Develop QA/QC Plan for GHG inventory compilation process

Improve the availability and standardization of data for NDC tracking and mitigation actions

Develop list of NDC tracking indicators

Develop data collection plans for each indicator

Build database of planned, ongoing and implemented climate actions

Develop data collection plan for climate actions in each sector

Perform ex-ante impact analyses to estimate GHG emission reduction potential for all actions

Perform wider impact analyses of climate actions

Populate database management system with full list of policies, measures, indicators, and NDC targets to build its value

Use systems and tools to develop official output such as the BTR to refine its functionalities

Develop a stakeholder engagement plan (communication strategy) for climate change information.

Phase 4: Verification, monitoring and evaluation



Develop staff retention policies to reduce loss of expertise within CCD as an example for line ministries.



Develop centralized learning hubs to build institutional memory



Develop QA/QC Plan for GHG inventory compilation process



Integrate climate action and NDC tracking database management system with GHG inventory, adaptation data, support and finance systems



Develop high level engagement with outputs of the MRV system.



Increase availability and ease of access to climate targets and data for stakeholders through shared access to database management system outputs

A green bicycle with a basket of purple flowers is parked on a sandy beach. In the background, a couple is sitting on the sand near a body of water. The scene is set under a large tree with thick roots. The text "Thank you for your kind attention!!" is overlaid in white on the image.

Thank you for your kind
attention!!

Annex 2: Presentation of draft regulation on GHG inventories and MRV of mitigation action

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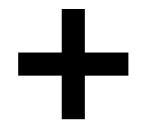
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2024 ئىلى



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سَوَّعَ الرَّحْمَیْمَ لَا دِیْعَىٰ وَ سَوَّوْا رِجْلَهُ

- وَ دَرَجَاتٍ مِّنْ أَعْلَىٰ السَّمَاءِ لَا يَمَسُّهُمُ الْهَوَا وَلَا السَّوْءُ النَّاسُ وَلَا يَحْزَنُونَ

- أُولَٰئِكَ هُمُ الْمُتَّقُونَ الَّذِينَ كَانُوا عَلَىٰ سَوَاءٍ شَاكِرِينَ لِوَدْعِهِمْ لَا يَسْتَكْبِرُونَ
عَلَيْهِمْ وَلَا يَشْعُرُونَ أَنَّ هُمُ الْمُتَّقُونَ

- لَئِن سَأَلْتَهُمْ لَمَّا نَزَّلْنَا السَّمَانَ مِنَ السَّمَاءِ مَا هِيَ إِلَّا أُذُنُ سَوَاءٍ يَسْمَعُونَ
وَأَنذَرْتَهُمْ نَارًا وَقَوْلًا مِّنَ الْغَیْبِ لَئِن جَاءَهُمْ نَارٌ مِّنَ السَّمَاءِ أَوْ سَحَابٌ مِّنَ السَّمَاءِ سَوَاءٌ لَّهُمْ نَارٌ أَوْ سَحَابٌ مِّنَ السَّمَاءِ

- وَ دَرَجَاتٍ مِّنْ أَعْلَىٰ السَّمَاءِ لَا يَمَسُّهُمُ الْهَوَا وَلَا السَّوْءُ النَّاسُ وَلَا يَحْزَنُونَ



- سَوَاعِدُ خُرُوفٍ وَحَرَائِرُ يَمْرُجٍ

- وَبِالسَّوَاعِدِ وَالْحَرَائِرِ وَالْحُرُوفِ وَالْحَرَائِرِ وَالْحُرُوفِ وَالْحَرَائِرِ

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Annex 3: Workshop Participant List



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Ministry of Climate Change, Environment and Energy

ETF Framework and Regulation Discussion - Consultancy Services to Review and Strengthen the Institutional Arrangements for Climate Change Reporting

CBIT Maldives Project

Date: 16th July 2024

Time: 1000 hrs

Venue: Auditorium - MCCEE

Section: Climate Change Department

	Name	Designation	Organization	contact no	Email Address	Signature
1	Ahmed Waheed	Director	Ministry of Climate Change, Environment and Energy			
2	Fathimath Nashwa	Assistant Director	Ministry of Climate Change, Environment and Energy			
3	Mohamed Inaz	Project Technical Coordinator	CBIT Maldives Project			
4	Gasith Mohamed	Partnership Specialist	NDC Partnership Support Unit			
5	Fathimath Raufa Moosa	Project Technical Coordinator	BTR Project			
6	Fathmath Maishan	Programme Analyst	Ministry of Climate Change, Environment and Energy			
7	Hamdhoon Mohamed	National Expert on Institutional Arrangements / Team Leader	Up Close Solutions Pvt Ltd			
8	Mohamed Aseel Hassan	National Legal Expert	SHC Law & Tax LLP.			
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Annex 4: Photographs of the workshop



