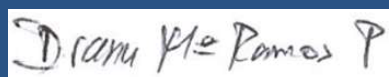




DEUMAN®

Deliverable accepted and approved for the 1<sup>st</sup> payment



April 2022

**Developing a national framework for the standardization of stalls  
and procedures for a climate smart street side vendor throughout  
The Bahamas  
Output 1**





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## Deliverable 1.1

# **Developing a national framework for the standardization of stalls and procedures for a climate-smart street side vendor throughout The Bahamas**

## Detailed Work Plan

## Climate Technology Centre & Network (CTCN)

Developing a national framework for the standardization of stalls and procedures for a climate smart street side vendor throughout The Bahamas.

# 1 Detailed work plan

The work plan details all the activities that will be carried out on the technical assistance " on developing a national framework for the standardization of stalls and procedures for a climate smart street side vendor throughout the Bahamas", which will be implemented by DEUMAN and ANTHESIS LAVOLA.

A Gantt chart is also presented to identify these activities with deliveries and products, where the milestones and responsibilities are presented, as well as the detailed budget.

## Strategic steering & operational control structure

Table 1 below presents the contractual conditions of the seven products that will be delivered, including the team members.

**Table 1 General Information Chart**

"Developing a national framework for the standardization of stalls and procedures for a climate smart street side vendor throughout the Bahamas "			
<b>Implementer:</b>	Servicios de Ingeniería Deuman Limitada		
<b>Client:</b>	CTCN- UNIDO		
<b>Deadlines</b>	Contract Signing	25-oct-21	
	Output 1 report	2-Dic-21	
	Output 2 report	10-May-22	
	Output 3 report	23-May-22	
	Output 4 report	27-Jul-22	
	Output 5 report	10-Oct-22	
	Output 6 report	21-Nov-22	
	Output 7 report	16-Dic-22	
<b>Team DEUMAN</b>	Team Leader	Rodrigo Valenzuela	RV
	International Expert	Jaime Parada	JP
	International Expert	Amzy Vallenos	AV
	Deputy Management	Cristhian Abanto	CA
	Deputy Coordinator	Kathiana Aznarán	KA
	Project Coordinator	Lorena Mendiña	LM
	Gender specialist	Virginia Guzmán	VG
	Finance specialist	Diego Cebrero	DC
<b>Team ANTHESIS LAVOLA</b>	International Expert	Susanna Casanovas	SC
	International Expert	Nacho Guilera	NG
	International expert	Martin Philips	MP
	Focal Point	Corinna Peters	CP
<b>National Consultants</b>	Climate Change and Social Experience - Bahamas	Kendria Ferguson	KF
	Gender Specialist - Bahamas	Alicia Wallace	AW
	Local Stakeholders Engagement-Bahamas	Sharrah Moss	SM
<b>Technical Counterpart</b>	CTCN-UNIDO	Ramiro Salinas	RS
	CTCN-UNIDO	Diana Ramos	DR
<b>National Focal Point</b>	NDE (Environmetal and Housing Ministry)	Rhianna Neely	RN
	NDE (Agriculture and Marine Ministry)	Donnaleei Bowe	DB



## Climate Technology Centre & Network (CTCN)

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Table 2 below describes the main role of each member of the project team for this technical assistance.

**Table 2 Roles and functions of the project team**

	Name	Code	Function
<b>DEUMAN Team</b>	Rodrigo Valenzuela	RV	Head of Study whose function are direct, supervise and enforce the Terms of Reference of the project.
	Jaime Parada	JP	International expert whose functions are providing expert knowledge of methodologies to identify gaps and mapping key actors.
	Amzy Vallenos	AV	International expert whose functions are providing expert knowledge of methodologies to the industrial symbiosis sector.
	Cristhian Abanto	CA	Head deputy to help in the preparation of the work plan to manage the available schedules of the key personal team, backstopping team and the counterpart.
	Lorena Menduïña	LM	Technical Coordinator who performs the function of organizing all meetings and monitoring the fulfillment of activities, commitments, etc. Responsible for the elaboration of general templates and communication between the client, the stakeholder, and the consulting team.
	Virginia Guzmán	VG	Gender international expert whose functions are providing expert knowledge on the area.
	Diego Cebrero	DC	Finance international specialist whose functions are providing expert knowledge on the area.
<b>Anthesis Lavola team</b>	Susanna Casanovas	SC	Waste international expert whose functions are providing expert knowledge of methodologies related to waste management.
	Nacho Guilera	NG	Urban planning international expert
	Corinna Peters	CP	International Focus Point
	Martin Philips	MP	Architect international expert whose functions are providing expert knowledge of methodologies to the urban planning
<b>National Consultants</b>	Kendria Ferguson	KF	National Consultant in charge of contacting local stakeholders, organizing presentations and meeting with them, either in person or virtually.
	Alicia Wallace	AW	National Consultant in charge of contacting local stakeholders, organizing presentations and meeting with them, either in person or virtually.
	Sharrah Moss	SM	National Consultant in charge of contacting local stakeholders, organizing presentations and meeting with them, either in person or virtually.
<b>Support DEUMAN</b>	Kathiana Aznarán	KA	Non key personnel
<b>Support Anthesis Lavola</b>	Cristina Bayés	CB	Non key personnel
	Camilo	C	Non key personnel

## Gantt chart

This Gantt chart shows the general scheme of work for all the consultancy service.

**Table 3 General Gantt Chart of the consultancy service**

		Activities	Responsible	Start date	End date
0		Signing of contract		25/10/21	
0		Individual Meetings Local Consultants	DEUMAN	22/06/21	23/06/21
0		PPT for <i>Kick Off</i> Meeting	DEUMAN	03/11/21	03/11/21
0		<i>Kick Off</i> Deuman Reunion - CTCN	DEUMAN	04/11/21	04/11/21
0		Validation of Administrative Precisions	DEUMAN	08/11/21	08/11/21
0		CTCN Formats Collection	DEUMAN	09/11/21	09/11/21
0		Development of the Activity control worksheet	DEUMAN	09/11/21	11/11/21
1.		Output 1: Development of implementation planning and communication documents		26/11/21	
1.1		D 1.1: A detailed work plan			
1.1.1		Validation of the Activity Control Worksheet by the Consulting Team	DEUMAN	11/11/21	12/11/21
1.1.2		Validation of the Activity Control Worksheet by CTCN	DEUMAN	15/11/21	17/11/21
1.1.3		Schedule of Deliverables	DEUMAN	15/11/21	15/11/21
1.1.4		Validation of the Deliverables Schedule	DEUMAN	17/11/21	18/11/21
1.1.5		Internal coordination meeting between the entire consulting team	DEUMAN	19/11/21	19/11/21

## Climate Technology Centre & Network (CTCN)

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CC1.1.1		Preparation of Work Plan Template	DEUMAN	17/11/21	17/11/21
CC1.1.2		Comments and Observations by the Consulting Team	DEUMAN	18/11/21	19/11/21
CC1.1.3		Quality Review in Form and Merits	DEUMAN	22/11/21	23/11/21
1.1.6	D1.1	Workplan		24/11/21	24/11/21
		Due to transition changes in the NDE and the Ministry of Agriculture a delay in the implementation of activities. Coordination with new focal points have resumed in April 2022.			
1.2		D 1.2: Monitoring and evaluation plan			
1.2.1		Analysis of the indicators of the "closure and data collection report"	DEUMAN	15/11/21	16/11/21
1.2.2		Risk Analysis of the consulting service	DEUMAN / LOCAL	15/11/21	17/11/21
1.2.3		List of Key Performance Indicators	DEUMAN	17/11/21	18/11/21
1.2.4		Elaboration of the evaluation and monitoring plan	DEUMAN	19/11/21	23/11/21
1.2.5		Validation of the evaluation and monitoring plan by the consulting team	DEUMAN	24/11/21	25/11/21
CC1		Product quality control			
CC1.2.1		Preparation of Evaluation and Monitoring Plan Template	DEUMAN	19/11/21	19/11/21
CC1.2.2		Comments and Observations by the Consulting Team	DEUMAN	22/11/21	23/11/21
CC1.2.3		Quality Review in Form and Merits	DEUMAN	23/11/21	26/11/21
	D 1.2	Monitoring and Evaluation Plan	DEUMAN	26/11/21	26/11/21
1.3		D 1.3: CTCN Impact Description			
1.3.2		Analysis of the Template of the description of Impacts of the CTCN	DEUMAN	19/11/21	19/11/21
1.3.3		Evaluation of the Impacts of the consulting service	DEUMAN	22/11/21	23/11/21
	E1.3 (a)	Impact description document (initial version)	DEUMAN	23/11/21	23/11/21
1.3.4		Preparation of the description of Impacts of the CTCN	DEUMAN	01/12/22	06/12/22
	E1.3 (b)	Impact description document (final version)	DEUMAN	05/12/22	09/12/22
1.3		D 1.4: Closure and Data Collection report			

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1.3.1		Risk and vulnerability analysis of the consulting service	DEUMAN	15/08/22	22/08/22
1.3.2		Analysis of the Template of the description of Impacts of the CTCN	DEUMAN	22/08/22	26/08/22
	E1.4	Closing Report and Data Collection	DEUMAN	26/08/22	26/08/22
		Work plan Approved		24/11/21	11/04/22
2		Output 2: Analysis of key stakeholders and consultations		10/05/22	
2.1		D 2.1: Inception meeting report and interviews summary, including list of participants gender-disaggregated data, photos, and other relevant documentation.			
2.1.1		Collection of relevant documents	DEUMAN	29/11/21	02/12/21
2.1.2		Information request	DEUMAN	03/12/21	07/12/21
2.1.3		Local knowledge about the state of the art	DEUMAN	30/11/21	03/12/21
2.1.4		Preliminary mapping of stakeholder	LOCAL/ DEUMAN	06/12/21	08/12/21
2.1.5		Identification of interest groups	LOCAL/ DEUMAN	08/12/21	09/12/21
2.1.6		Register of key actors and characterization	LOCAL/ DEUMAN	11/04/22	18/04/22
2.1.7		Priorization of key actors	LOCAL/ DEUMAN	25/04/22	27/04/22
2.1.8		Organize an inception meeting to present the technical assistance	DEUMAN	05/05/22	05/05/22
2.1.9		validation or complementation of the results of the meeting	DEUMAN	05/05/22	05/05/22
2.1.10	RP1	DEUMAN / NDE Progress Meeting	DEUMAN / NDE	20/12/21	21/12/21
2.2		D 2.2 Conduct personal interviews with key stakeholders			
2.2.1		Definition of the list of actors to interview	DEUMAN	15/12/21	17/12/21
2.2.2		Preparation for interviews	LOCAL/ DEUMAN	15/12/21	21/12/21

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2.2.3		Personal interviews: Review of previous information	DEUMAN/Local	19/04/22	21/04/22
2.2.4		Personal interviews: Preparation of Surveys	DEUMAN/Local	26/04/22	29/04/22
2.2.4		Inquiry Guidelines for Interviews	DEUMAN/Local	26/04/22	03/05/22
2.2.5		Development of personal interviews	DEUMAN/Local	26/04/22	29/04/22
2.2.6		Systematization of Surveys	DEUMAN	29/04/22	29/04/22
2.2.7		Analysis of the results	DEUMAN	03/05/22	03/05/22
2.2.8	RP2	DEUMAN / NDE Progress Meeting	DEUMAN	21/04/22	21/04/22
CC2		Product quality control			
CC2.1		Template elaboration	DEUMAN	14/01/22	18/01/22
CC2.2		Comments and Observations by the Consulting Team	DEUMAN	18/01/22	20/01/22
CC2.3		Preparation of the Deliverable Draft	ANTHESIS	21/04/22	22/04/22
CC2.4		Comments and Observations by the Consulting Team	ANTHESIS	03/05/22	03/05/22
CC2.5		Quality Review in Form and Merits		05/05/22	10/05/22
	E2	Output 2 report		10/05/22	10/05/22
	p2	Product Presentation 2		10/05/22	10/05/22
3		Output 3: Market assessment for open green market spaces		23/05/22	
3.1		D 3: Market assessment report for open green market spaces-Baseline			
3.1.1		Mapping: Bibliographic Search	DEUMAN	31/01/22	02/02/22
3.1.2		Elaboration of problem's tree analysis	DEUMAN / LAVOLA	19/04/22	26/04/22
3.1.3		Elaboration of international benchmarking	LAVOLA	19/04/22	28/04/22

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3.1.4		Determination the area of intervention or the area necessary for the execution	DEUMAN / LAVOLA	19/04/22	29/04/22
3.1.5		mapping of stakeholder: current situation and ideal situation	LAVOLA	29/04/22	04/05/22
3.1.6		Determination of stakeholder selection criteria	DEUMAN / LAVOLA	04/05/22	13/05/22
3.1.7	RP4	DEUMAN / NDE Progress Meeting	DEUMAN / NDE	05/05/22	05/05/22
		DEUMAN / NDE Progress Meeting	DEUMAN / NDE	19/05/22	19/05/22
CC3		Product quality control			
CC 3.1		Template elaboration	DEUMAN	19/04/22	22/04/22
CC 3.2		Comments and Observations by the Consulting Team	DEUMAN	22/04/22	06/05/22
CC 3.3		Preparation of the Deliverable Draft	DEUMAN/ LAVOLA	06/05/22	17/05/22
CC 3.4		Comments and Observations by the Consulting Team	DEUMAN/ LAVOLA	17/05/22	19/05/22
CC 3.5		Quality Review in Form and Merits	DEUMAN	19/05/22	19/05/22
	E3	Output 3 report	DEUMAN	20/05/22	20/05/22
	p3	Product Presentation 3	DEUMAN	23/05/22	23/05/22
4		Output 4: Establishing baseline/site selection for two open green market spaces			27/07/22
4.1		D 4: Report on existing and future local bylaws and regulations.			
4.1.1		Search for national regulation information	LOCAL/ DEUMAN	23/05/22	27/05/22
4.1.2		Preparation of the template for the matrix on national regulation	DEUMAN	23/05/22	26/05/22
4.1.3		Identification of non-public initiatives	LOCAL/ LAVOLA	26/05/22	02/06/22
4.1.4		selection of regulations and potential initiatives for the emergence of green markets	DEUMAN/ LAVOLA	02/06/22	09/06/22
4.1.5	RP5	DEUMAN / NDE Progress Meeting	DEUMAN / NDE	02/06/22	02/06/22
		DEUMAN / NDE Progress Meeting	DEUMAN / NDE	16/06/22	16/06/22

## Climate Technology Centre & Network (CTCN)

Developing a national framework for the standardization of stalls and procedures for a climate smart street side vendor throughout The Bahamas.

4.2		D 4.2 Matrix of parameters and selection process report for the best sites for the first open green market spaces			
4.2.1		Definition of characteristics of the intervention area	DEUMAN	09/06/22	14/06/22
4.2.2		Definition of the size required for the open green market	LAVOLA	14/06/22	17/06/22
4.2.3		Identification of potential spaces in the New Providence area	LAVOLA / LOCAL	09/06/22	17/06/22
4.2.4		Template: matrix of parameters for the selection of the best sites for one green market open space	DEUMAN	17/06/22	20/06/22
4.2.5		Creation of a matrix of parameters for the selection of the best sites for 2 green market open spaces	DEUMAN / LAVOLA	20/06/22	24/06/22
4.2.6		Review of the parameter matrix	DEUMAN	24/06/22	24/06/22
4.2.7		Validation by local consultants	DEUMAN	24/06/22	01/07/22
4.3		D 4.3 Matrix of parameters and selection process report for the best sites for the second open green market spaces			
4.3.1		Definition of characteristics of the intervention area	DEUMAN	09/06/22	14/06/22
4.3.2		Definition of the size required for the open green market	LAVOLA	14/06/22	17/06/22
4.3.3		Identification of potential spaces in the New Providence area	LAVOLA / LOCAL	09/06/22	17/06/22
4.3.4		Template: matrix of parameters for the selection of the best sites for one green market open space	DEUMAN	17/06/22	20/06/22
4.3.5		Creation of a matrix of parameters for the selection of the best sites for 2 green market open spaces	DEUMAN/ LAVOLA	20/06/22	24/06/22
4.3.6		Review of the parameter matrix	DEUMAN	24/06/22	24/06/22
4.3.7		Validation by local consultants	DEUMAN	24/06/22	01/07/22
4.4		D 4.4: Framework report considering storage of goods, capacity and loads for the storage systems.			

## Climate Technology Centre & Network (CTCN)

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4.4.1		Determination of volume of vendors with the potential for relocation or intervention	LAVOLA	04/07/22	08/07/22
4.4.2		Determination of impact level identified in the diagnosis (problem's tree).	LAVOLA	01/07/22	01/07/22
4.4.3		Quantification of the total space necessary in the selection of location requirements.	LAVOLA	01/07/22	01/07/22
4.4.4		Estimation of the size of the storage area required for storage of goods	LAVOLA	01/07/22	01/07/22
CC4		Product quality control			
CC 4.1		Template elaboration	DEUMAN	04/07/22	05/07/22
CC4.2		Comments and Observations by the Consulting Team	DEUMAN	05/07/22	07/07/22
CC4.3		Preparation of the Deliverable Draft	LAVOLA	07/07/22	14/07/22
CC4.4		Comments and Observations by the Consulting Team	LAVOLA	14/07/22	15/07/22
CC4.5		Quality Review in Form and Merits	DEUMAN	18/07/22	20/07/22
	E4	Output 4 report	DEUMAN	21/07/22	25/07/22
	P4	Product Presentation 4	DEUMAN	26/07/22	27/07/22
5		Output 5: Establish a framework of requirements, capacity and loads of renewable energy systems, organic waste produce and water management		10/10/22	
5.1		D 5.1: Set up a framework of renewable energy sources, capacity and loads of the renewable energy systems			
5.1.1		Determination of operational limits in the use of renewable sources	DEUMAN	28/07/22	02/08/22
5.1.2		Framework of conditions for the use of renewable energy sources	LAVOLA	02/08/22	10/08/22
5.1.3		Scene evaluation	DEUMAN	10/08/22	12/08/22
5.1.4		Analysis of results found	DEUMAN	15/08/22	17/08/22
5.1.5		Preparation of the guiding report on energy operating conditions	DEUMAN	18/08/22	25/08/22
5.1.6	RP6	DEUMAN / NDE Progress Meeting	DEUMAN/ NDE	25/08/22	29/08/22
5.2		D 5.2: Set up a framework of organic waste produce, recyclable materials, and waste management.			

## Climate Technology Centre & Network (CTCN)

Developing a national framework for the standardization of stalls and procedures for a climate smart street side vendor throughout The Bahamas.

5.2.1		Identification of methodologies to apply	LAVOLA	25/08/22	01/09/22
5.2.2		Choice of methodology	LAVOLA	01/09/22	01/09/22
5.2.3		Identification of inputs for waste generation	LAVOLA	02/09/22	06/09/22
5.2.4		waste generation projections in the green market	LAVOLA	06/09/22	09/09/22
5.2.5		Characterization of the recyclable material	DEUMAN	12/09/22	15/09/22
5.2.6		Projection of the volume of material to be recovered and recycled	DEUMAN	15/09/22	16/09/22
5.2.7		Generation of base scenarios	DEUMAN	16/09/22	23/09/22
5.2.8		Validation by consulting team	DEUMAN	26/09/22	27/09/22
5.3		D 5.3 Set up a framework of water management, water supply and wastewater treatment (e.g., grey water reuse).			
5.3.1		Identification of methodologies to apply	LAVOLA	27/09/22	29/09/22
5.3.2		Choice of methodology	LAVOLA	27/09/22	29/09/22
5.3.3		Identification of inputs for water use	LAVOLA	29/09/22	03/10/22
5.3.4		Identification of treatment and reuse potential	LAVOLA	03/10/22	05/10/22
5.3.5		water use and gray water generation projections in the green market	LAVOLA	03/10/22	05/10/22
5.3.6		Generation of base scenarios	DEUMAN	05/10/22	07/10/22
5.3.7		Validación por Equipo Consultor	DEUMAN	10/10/22	10/10/22
CC5		Product quality control			
CC5.1		Template elaboration	DEUMAN	05/10/22	07/10/22
CC5.2		Comments and Observations by the Consulting Team	DEUMAN	10/10/22	10/10/22
CC5.3		Preparation of the Deliverable Draft	LAVOLA	28/07/22	10/10/22
CC5.4		Comments and Observations by the Consulting Team	LAVOLA	07/10/22	10/10/22
CC5.5		Quality Review in Form and Merits	DEUMAN	07/10/22	10/10/22
	E5	Output 5 report	DEUMAN	07/10/22	10/10/22
	P5	Product Presentation 5	DEUMAN	10/10/22	10/10/22

## Climate Technology Centre & Network (CTCN)

Developing a national framework for the standardization of stalls and procedures for a climate smart street side vendor throughout The Bahamas.

6		Output 6. Feasibility assessment of applicable climate technologies on open green market spaces and their sustainability		21/11/22	
6.1		D 6.1: Needs assessment report with applicable solutions to meet them.			
6.1.1		Identification of legal requirements, available technology, etc.	LAVOLA / LOCAL	10/10/22	12/10/22
6.1.2		Identification of international practices	LAVOLA	10/10/22	12/10/22
6.1.3		Selection of conditions for the application of climate technology	DEUMAN	12/10/22	14/10/22
6.1.4		Risk analysis on the application of climate technology to open green markets.	LAVOLA/ LOCAL	14/10/22	19/10/22
6.1.5	RP7	DEUMAN / NDE Progress Meeting	DEUMAN / NDE	13/10/22	13/10/22
6.2		D 6.2: Short list and ranking of appropriate climate technologies for open green market spaces.			
6.2.1		List of smart infrastructure for sustainable urban development	LAVOLA	10/10/22	13/10/22
6.2.2		Estimation of the benefits and costs of the respective technology, e. g. its climate adaptation capacity (high, medium, low)	DEUMAN	13/10/22	17/10/22
6.2.3		Determination of social, environmental and economic benefits	DEUMAN	17/10/22	21/10/22
6.2.4		Assessment of whether the technology would be applicable for a green open space market in The Bahamas.	LAVOLA	21/10/22	25/10/22
6.3		D 6.3: Report with information and prioritization of climate technologies, their relevance, use and benefits, including a design with the proposed facilities, size of storage facilities and renewable energy sources.			
6.3.1		Climate technology measures prioritization for open green market spaces in The Bahamas.	DEUMAN	13/10/22	19/10/22
6.3.2		Definition of criteria to prioritize climate measures	DEUMAN / CTCN	19/10/22	21/10/22
6.3.3		Analysis of the potential positive impacts, their costs, their barriers to implementation and long-term viability.	LAVOLA	21/10/22	25/10/22
6.3.4		Measure Prioritization Matrix	DEUMAN	25/10/22	28/10/22
6.4		D 6.4: Validation Workshop report with stakeholders with the selection of prioritize climate technologies to be implemented in the open green market spaces.			
6.4.1		climate risk assessment for local markets	DEUMAN	28/10/22	01/11/22

## Climate Technology Centre & Network (CTCN)

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6.4.2		climate threat analysis	DEUMAN	01/11/22	02/11/22
6.4.3		Research from national and international sources to assess its potential development in the coming years and decades.	DEUMAN	02/11/22	03/11/22
6.4.4		Assess vulnerability to climate change with respect to such threats and prioritize vulnerability challenges	DEUMAN	03/11/22	04/11/22
6.4.5		evaluation of measures identified to reduce vulnerability	DEUMAN	04/11/22	08/11/22
6.4.6		Generation of a GHG emissions baseline (emissions without project)	DEUMAN	09/11/22	11/11/22
6.4.7		Baseline: Definition of the limits of the system to be evaluated	LAVOLA	28/10/22	11/11/22
6.4.8		Baseline: Identification of the main emission sources	LAVOLA	28/10/22	11/11/22
6.4.9		Baseline: Define emission factors	LAVOLA	28/10/22	11/11/22
6.4.10		Baseline: Collect market data	LAVOLA	28/10/22	11/11/22
6.4.11		Baseline: Quantification of emissions	LAVOLA	28/10/22	11/11/22
6.4.12		Develop an emission scenario (with project)	LAVOLA	14/11/22	15/11/22
6.4.13		Comparison of the baseline with a scenario with project implementation.	DEUMAN/LAVOLA	11/11/22	15/11/22
6.4.14		quantification of emission reductions.	DEUMAN/ LAVOLA	15/11/22	15/11/22
6.5		D 6.5: Conduct a validation workshop with key stakeholders on the proposed facilities, size of storage facilities and renewable energy sources.			
6.5.1		Preparation for the validation workshop	DEUMAN	08/11/22	22/11/22
6.5.2		validation workshop	DEUMAN	08/11/22	22/11/22
6.5.3		Inclusion comments and recommendations	DEUMAN	18/11/22	21/11/22
CC6		Product quality control			
CC6.1		Template elaboration	DEUMAN	08/11/22	22/11/22
CC6.2		Comments and Observations by the Consulting Team	DEUMAN	08/11/22	22/11/22
CC6.3		Preparation of the Deliverable Draft	DEUMAN	18/11/22	21/11/22
CC6.4		Comments and Observations by the Consulting Team	DEUMAN	18/11/22	21/11/22

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CC6.5		Quality Review in Form and Merits	DEUMAN	18/11/22	21/11/22
	E6	Output 6 report	DEUMAN	18/11/22	21/11/22
	P6	Product Presentation 6	DEUMAN	18/11/22	21/11/22
7		Output 7: Business model for open green spaces/markets to function effectively and governance		16/12/22	
7.1		D 7: A draft business model for deployment and support of open green market spaces throughout The Bahamas.			
7.1.1		List of interactions between actors	DEUMAN	15/11/22	18/11/22
7.1.2		Evaluation of possible business models	DEUMAN	18/11/22	25/11/22
7.1.3		Generation of the total implementation cost curve	DEUMAN	25/11/22	02/12/22
7.1.4		Determination of financial indicators in the proposed models	DEUMAN	02/12/22	09/12/22
7.1.5		Selection of the financial concept for the project to be operational	DEUMAN	09/12/22	16/12/22
	E7.1	Concept Note for open green spaces	DEUMAN	13/12/22	16/12/22
	P7	Product Presentation 7	DEUMAN	14/12/22	16/12/22
		Final Comments	DEUMAN / LAVOLA	19/12/22	06/01/23
		Solve comments of the TA	DEUMAN /LAVOLA	06/01/23	16/01/23
8		Close of the Technical Assistance		16/01/23	

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### Principal Activities

The main activities of the Work Plan include internal coordination meetings, preliminary presentations, workshops, product presentations and workshops. The description of each of them is detailed in Table 4.

**Table 4 Description of principal activities**

Distribution	Description
<b>Progress meeting (RP<sub>x</sub>)</b>	Periodic meetings with the Designated National Entity, being able to invite other relevant stakeholders in order to discuss important issues, show the degree of progress and receive feedback.
<b>Product Presentation (P<sub>x</sub>)</b>	Presentations to the CTCN and to the Designated National Entity the content of each Product with the results and findings of the progress.
<b>Personal interview with key stateholders (PI<sub>x</sub>)</b>	Meetings with priority actors to consult on aspects related to consulting, in addition to defining the priority actors for the development of green markets.

The following Table 5 presents the Calendar of Activities showing the suggested dates to develop each one of them.

**Table 5 Saving dates of Principal Activities**

Activities	Code	Start date	Ending date
<b>Progress meeting (RP<sub>x</sub>)</b>	RP1	18/11/2021	18/11/2021
	RP2	25/11/2021	25/11/2021
	RP3	2/12/2021	2/12/2021
	RP4	9/12/2021	9/12/2021
	RP5	16/12/2021	16/12/2021
	RP6	23/12/2021	23/12/2021
	RP7	30/12/2021	30/12/2021
	RP8	6/01/2022	6/01/2022
	RP9	13/01/2022	13/01/2022
	RP10	20/01/2022	20/01/2022
	RP11	27/01/2022	27/01/2022
	RP12	3/02/2022	3/02/2022
	RP13-RP20	To define	To define
<b>Personal interview with key stateholders (PIX)</b>	PI1-PIX	To define	To define
<b>Deliverables (D x.y) and Outputs (O<sub>x</sub>)</b>	D1	26/11/21	26/11/21
	D 1.1	24/11/21	24/11/21
	D 1.2	26/11/21	26/11/21
	D1.3 (a)	23/11/21	23/11/21
	D1.3 (b)	22/08/22	22/08/22
	D1.4	26/08/22	26/08/22
	D2	28/01/22	28/01/22
	D3	04/03/22	04/03/22
	D4	13/04/22	13/04/22
	D5	06/06/22	06/06/22
	D6	01/07/22	01/07/22
	D7	15/08/22	15/08/22

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	O1	26/11/21	26/11/21
	O2	28/01/22	28/01/22
	O3	04/03/22	04/03/22
	O4	13/04/22	13/04/22
	O5	06/06/22	06/06/22
	O6	01/07/22	01/07/22
	O7	18/04/22	18/04/22

Emphasis is placed on the implementation and importance of holding progress meetings for the constant accompaniment of the technical counterpart, the NDE as well as the Personal interview with key stateholders to implement consultations with the main stakeholders to obtain information on their preferences in places for their location that the deliverable 2, allowing the fulfillment of the client's expectations and objectives of the Terms of Reference.

## Risk Analysis

The following table shows the potential risks associated with the different Outputs of the consultancy, as well as the level of the risk, and the methodologies to manage those risks, as well as the person in charge. A score from 1 to 9 was used, each score represents a level of risk; where the score is 1, it means that it has a higher risk, meanwhile if the score is 9, it has the lowest level of risk (Table 6).

**Table 7 Matrix of Risk Analysis for the Consultancy**

Output	Risk	Impact	Probability	Severity	Level of Risk	Opportunity	Manage of Risk	Person in charge
1	The work plan will be needed to update several times because of the disposition of the stakeholder engagement process and the limited availability of government officials.	Delays and not updated information in the deliverables	HIGH	MEDIUM	2	Generate more fluid communication between the consultant and the technical counterpart	Weekly meetings will be set with the counterpart to engage their compromise in the development of the assistance and to assess the state of invitations and engagement with stakeholders. A letter will be requested to CTNCN or NDE authorities to facilitate contact with stakeholders.	RV /CA/LM
2	Lack of availability of information, the low interest of stakeholders for the delivery of relevant information, and the pandemic of COVID – 19. Problems and difficulties engaging a huge number of stakeholders, difficulties in coordination’s to do the workshop	Difficulty in prioritizing sectors and identifying relevant actors as well as the actual state of the project place.	MEDIUM	HIGH	3	Carry out a holistic analysis that allows a better mapping of the country	Use in favor of our experience profile in working remotely in stakeholders mapping and engagement with local experts. Take advantage of the local contacts made for previous technical assistance carried out in other Caribbean countries	RV/LE (local experts)
3	Lack of availability of local information and not too many arguments to support the required area. A volume estimation is not possible to determine based on documentary reports or surveys and a local interview with each one is required.	Difficulty in identifying relevant information to support the measures or ideas to be proposed.	MEDIUM	HIGH	3	Plan and organize the information to be asked before each meeting with the local experts, this will allow knowing what is exactly needed to be asked. The proven capabilities of our local experts will allow us to have the information needed.	Our local experts were selected in order to prevent this issue with local primary data; they are in capacity to generate secondary information and develop local analysis based on specific recommendations from the international experts. Additionally, Physical surveys can be deployed with the help of local consultancies but with their own limitation due to security.	LE
4		Delay in the deliverables or outdated information provided by the consultant team	MEDIUM	HIGH	3	Get in touch regularly with our local experts who is the main responsible in getting the information updated.	Our local experts should make some visits to local authorities or collaborators in local government in order to figure out relevant findings. The evaluation using scenarios are	CA/LM/LE

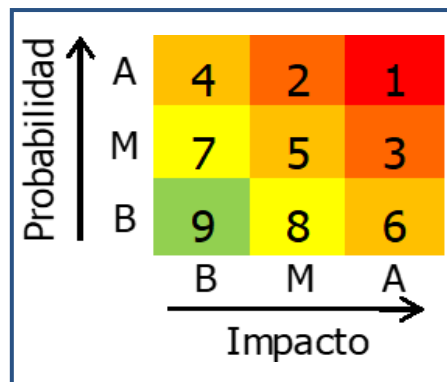
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	Important local regulations in the process couldn't be provided or informed to the consultant team.						going to be the best option tool to mitigate the risk and provide recommendations using boundaries of activity.	
5	Expectancies from the counterpart could demand extra activities not contemplated in the terms of reference.	Demand of extra activities not considered in our work plan	MEDIUM	LOW	7	Work in advance in order to meet all the extra work needed	Our hold team is fully prepared and engaged with providing the best effort to give real solutions that the country should follow; the team will try to give all the recommendations and action plans to develop those green markets and whatever request inside that boundaries will be accepted or deal with.	International team
6	Lack of availability of local information.	Difficulty in prioritizing sectors and identifying relevant actors	MEDIUM	HIGH	3	Make relevant synergies between the consultant team and with the local experts and carry out a holistic analysis of their observations.	The engagement of local authorities will help to perform and validate the information used and generated in the analysis. Our local experts were selected in order to prevent this issue with local primary data; they are in capacity to generate secondary information and develop local analysis based on specific recommendations from the international experts	LE
7	Government and local authorities do not accept the proposal and vendors are resistant to work under formality means	The government and local actors do not validate the work done	HIGH	HIGH	1	Several meetings and fluid communication between the consultant team and the stakeholders and create mechanisms that motivate the participation of the street vendors to develop better interactions	- Meeting the interests and expectations is one of the best skills of our consulting team that could reach agreements where there are no clear options.	Kendria/ International team

\*Colors in the level of risk column correspond to the interactions between probability and impact as described in figure 1.

Figure 1 Determination of risk level



Source: Management of Risk in Projects

## Detailed Budget Plan

The following table present the detail Budget plan for this technical Assistance (TA).

**Table 8 Budget Plan**

Outcomes	Outputs	Detailed Budget (in US\$)						
		Budget categories	Unit	# of Unit	Unit Cost	Total Budget (per budget category)	Total Budget (per output)	Total Budget (per outcome)
Outcome: Increase resilience in the agricultural sector to improve food distribution, and by the extent, improve	Output 1: Development of implementation planning and related communication documents	Consultant – Individual – International	W/Day	14	345	4830	6,180	US\$ 166,560
		Consultant – Individual - local	W/Day	5	270	1350		
		Workshop / Virtual meetings	Workshop	0	450	0		
	Output 2: Analysis of key	Consultant – Individual – International	W/Day	52	345	17,940	28,860	
		Consultant – Individual – Local	W/Day	36	270	9,720		

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food security,	stakeholders and consultations	Travel – Local	Trip	3	250	750	
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throughout The Bahamas.	Output 3: Market assessment for open green market spaces	Workshop / Virtual meetings	Workshop	1	450	450	33,850
		Consultant – Individual - International	W/Day	58	345	20,010	
		Consultant – Individual – Local	W/Day	32	270	8,640	
		Audio Visual & Printing – Banners	Banners	2	500	1,000	
		Audio Visual & Printing – Brochures	Test brochures	0	600	0	
		Travel – Local	Trip	3	250	750	
		Travel – International	Trip	1	3000	3,000	
	Output 4: Establishing baseline/site selection for two open green market spaces	Workshop / Training	Workshop	1	450	450	28,000
		Consultant – Individual – International	W/Day	56	345	19,320	
		Consultant – Individual – Local	W/Day	24	270	6,480	
		Audio Visual & Printing – Banners	Banners	2	500	1,000	
		Travel – Local	Trip	3	250	750	
	Output 5: Establish a framework of requirements, capacity, and loads of renewable energy systems, organic waste produce and water management	Travel - International	Trip	0	3,000	0	24,920
		Workshop / Training	Workshop	1	450	450	
		Consultant – Individual – International	W/Day	52	345	17,940	
		Consultant – Individual – Local	W/Day	24	270	6,480	
		Audio Visual & Printing – Banners	Banners	1	500	500	
	Output 6: Feasibility assessment of applicable climate technologies on open green market spaces and their sustainability	Travel – Local	Trip		250	0	28,130
		Workshop / Training	Workshop		0	0	
		Consultant – Individual – International	W/Day	60	345	20,700	
		Consultant – Individual – Local	W/Day	24	270	6,480	
		Travel – International	Trip	2	250	500	
	Output 7: Business model for open green spaces/markets to function effectively and governance	Travel - International	Trip		0	0	16,620
		Workshop / Training	Workshop	1	450	450	
		Consultant – Individual – International	W/Day	30	345	10,350	
		Consultant – Individual – Local	W/Day	16	270	4,320	
		Audio Visual & Printing – Banners	Banners	1	500	500	
Audio Visual & Printing – Brochures		Test brochures	1	500	500		
Total outcome budget							<b>US\$ 166,560</b>

Note: Proposed lumpsum cost of each service must be supported by detail cost breakdown showing personnel costs, level of effort, travel (if any), overheads etc. In absence of such breakdown, a proposal may be considered financially disqualified.



**Mapping contribution from the private sector, including NGOs, academia, commercial and development banking, for mitigation objectives and climate change adaptation needs in the Bahamass**

CTCN Impact Description

Deliverable 1.2

## - Monitoring and Evaluation Plan

### Basic Information

The second deliverable is based on the CTCN Monitoring and Evaluation Plan and the Technical Assistance Response Plan, for the subsequent preparation of the closure report at the end of the assistance, in addition to the selection of the relevant quantitative and qualitative indicators. Table 9 below shows the main information of the project.

**Table 9 Basic Information**

Title of response plan	Mapping contribution from the private sector, including NGOs, academia, commercial and development banking, for mitigation objectives and climate change adaptation needs in the Bahamas
Technical assistance reference number	3100004798
Country/ countries	The Bahamas
NDE focal point and organization	<b>BAHAMAS</b> <ul style="list-style-type: none"><li>• <u>NDE Coordinator</u>: Rhianna Neely, Ministry of Environment and Natural Resources</li><li>• <u>Focal Point of the NDE</u>: Donnalee Bowe, Director of the Directorate of Climate Change</li></ul>
Sector(s) addressed	Agriculture, Renewable Energy, Water, Soild Waste
Supported technologies	Guidelines that regulates the activities done by street vendors.
Implementation period and total duration	10 months
Total budget for implementation	<b>US\$ 166,560</b>
Designer of the response plan	CTCN
Implementer of response plan	SERVICIOS DE INGENIERÍA DEUMAN LIMITADA

## Monitoring and Evaluation Plan

For each of the products and activities that will be presented, in accordance with the Terms of Reference, a series of indicators have been carefully selected to measure our results. These are shown in Table 10 Indicators of the Monitoring and Evaluation Plan.

**Table 10 Indicators of the Monitoring and Evaluation Plan**

(A) Outputs and Activities as described in the Response Plan	(B) Indicator	(C) Expected results	(D) Method and frequency for data collection	(F) Comments
Output 1: Development of implementation planning and related communication documents	<p><b>Product presentation</b></p> <p>a) Number of deliverables produced</p> <ul style="list-style-type: none"> <li>Number of tools and technical documents reinforced, revised, or developed</li> </ul>	<p><u>Total: 4 deliverables</u></p> <ul style="list-style-type: none"> <li>1 work plan</li> <li>1 monitoring and evaluation plan</li> <li>1 Impact description</li> <li>1 closure and data collection report report</li> </ul>	<p><b>Methodology:</b> Data will be collected from the activities in the ToR and more considered. The monitoring plan will be based on a risk management procedure as well as having measurable indicators and responsibilities. Local experts will hand in information regarding the achievement of commitments in the work plan. Also, regional consultants will be asked to make sure we do not lose any kind of information needed.</p>	<p>CTCN templates documents will be used.</p> <p>There is a minute format that must be completed at the end of each meeting with its respective attendance sheet.</p>
	<p><b>Kick off meeting</b></p> <p>a) Number of TA progress meetings with the ministers and regional consultants</p> <p>b) Number of other information materials strengthened, revised, or created</p>	<p><u>Total: 1 kick off meeting</u></p> <ul style="list-style-type: none"> <li>1 progress meeting with the Ministry of Environment and Housing and Agriculture to agree on focal points, work plan, information provision, etc.</li> <li>1 information material created: Power point</li> <li>1 Minute of the meeting, including the participant list.</li> </ul>	<p><b>Method:</b> Communication of the agenda to the participants and PPT presentation preparation for the meeting Recording of minutes and attendance lists at all technical assistance meetings.</p> <p><b>Frequency:</b> Every two weeks, except when there is a presentation meeting</p>	
Activity 1.1: A detailed work plan of all activities, deliveries, outputs, deadlines, and responsible persons/organizations,	<p><b>Product presentation</b></p> <p>a) Number of deliverables produced</p>	<p><u>Total: 1 deliverable</u></p> <ul style="list-style-type: none"> <li>1 work plan with the detailed budget , activites, schedules, sub-activities, hours of work and responsables.</li> </ul>	Data will be collected at the beginning of the technical assistance. A collaboration model is proposed.	CTCN templates documents will be used.

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<p>strategic steering &amp; operational control structure and detailed budget to implement the Response Plan. The detailed work plan and budget must be based directly on this Response Plan</p> <p>Activity 1.2: A monitoring and evaluation plan with specific, measurable, achievable, relevant, and time-bound indicators used to monitor and evaluate the timeliness and appropriateness of the implementation; including the risk management mechanism. The monitoring and evaluation plan should enable the implementer to complete the CTCN Closure and Data Collection Report at the end of the assignment. To be provided by the CTCN</p> <p>Activity 1.3: A two-page CTCN Impact Description formulated in the beginning of the technical assistance and update/revised once the technical assistance is fully delivered (a template will be provided by the CTCN)</p> <p>Activity 1.4: A Closure and Data Collection Report completed at the end of the technical assistance. This report is based on the indicators listed in the monitoring and evaluation plan (a template will be provided by the CTCN).</p>	<p><b>Product presentation</b></p>	<p><u>Total: 1 deliverable</u></p>	<p><b>Methodology:</b> Data will be collected at the beginning of the technical assistance. This will help to build the monitoring and evaluation plan's matrix. The information needed will be the outputs and activities described in the response plan, measurable indicators, expected results, method and frequency of data collection, and comments.</p>	<p>CTCN templates documents will be used.</p>	
<p>a) Number of deliverables produced in this output</p>	<p>- 1 monitoring and evaluation plan</p>	<p><b>Product presentation</b></p>	<p><u>Total: 2 deliverables</u></p>	<p><b>Methodology:</b> The information obtained as results from the activity 1.2 will be used as inputs to produce the impact description template.</p>	<p>CTCN templates documents will be used.</p>
<p>a) Number of deliverables produced in this output</p>	<p>- 1 Impact description (Initial version) - 1 impact description (final version)</p>	<p><b>Product presentation</b></p>	<p><u>Total: 1 deliverable</u></p>	<p><b>Methodology:</b> Data will be collected during the technical assistance and at the end of the technical assistance to complete deliverable 1.4.</p>	<p>CTCN templates documents will be used.</p>
<p>a) Number of deliverables produced in this output</p>	<p>- 1 closure and data collection report (end of the technical assistance)</p>	<p><b>Product presentation</b></p>	<p><u>Total: 2 deliverables</u></p>	<p><b>Method:</b> Prepare a preliminary mapping of stakeholders in order to prepare the best condition for the inception report.</p>	<p>The CTCN review will be considered to coordinate the presentation of the product to the customer. There is a minute's format that must be completed at the end of each meeting with their respective attendance sheet.</p>
<p><b>Output 2: Analysis of key stakeholders and consultations</b></p>	<p>a) Number of deliverables produced</p>	<p>- 1 Inception meeting report and interviews summary, including the list of</p>			

	<p>participants gender disgregated-data, photos, and other relevant information.</p> <ul style="list-style-type: none"> <li>- 1 conduct personal interview with stakeholders</li> </ul>	<p>Prepare the mapping of stakeholders for each category of interest. Identify the institutions and organizations. Interviews done with the stakeholders from the preliminary work.</p> <p><b>Frequency:</b> At the end of product</p>	
<b>Progress meetings</b>	<p><u>Total: 2 progress meeting</u></p> <ul style="list-style-type: none"> <li>- progress meeting with the NDE and Focal point and CTCN to present preliminary result and get feedback</li> <li>- information materials strengthened, revised, or created: Power point (1 per progress meeting)</li> <li>- 2 Minute of the meeting, including the participant list.</li> </ul>	<p><b>Method:</b> Communication of the agenda to the participants and Ppt presentation preparation for the meeting Recording of minutes and attendance lists at all technical assistance meetings.</p> <p><b>Frequency:</b> Every two weeks, except when there is a presentation meeting</p> <p><b>Methodology:</b> In advance preparation of google forms and validation of stakeholders list with the counterpart.</p> <p>Establish contact with stakeholders through, and ask them to fill a form in order to collect information regarding mitigation actions and adaptation needs. Systematization of gathered information.</p> <p><b>Frequency:</b> During development of activity 2.2</p>	<p>There is a minute format which must be completed at the end of each meeting with its respective attendance sheet. Agenda of these meetings will be established according to need, with the purpose of validating approaches, presenting, and gathering feedback on progress, coordination, etc.</p>
<b>Surveys</b>	<p><u>Total: at least 10 surveys</u></p> <ul style="list-style-type: none"> <li>- 1 google form prepared</li> <li>- At least 10 stakeholder characterization sheets completed</li> <li>- At least 10 stakeholders participating</li> </ul>	<p>Information collected will serve to complement information gathered on criteria for sectors prioritization and challenges for the contribution of the private sector to NDC implementation</p>	
<b>Workshop</b>	<p><u>1 workshop carried out</u></p> <ul style="list-style-type: none"> <li>- 1 workshop for stakeholders, participants from the private sector, NGOs, academia, banks, etc.</li> <li>- Approximately 50% women 50% men</li> <li>- 1 workshop results report</li> <li>- 1 Minute from the workshop including attendance list</li> <li>- 1 communication material for workshop (ppt)</li> </ul>	<p><b>Method:</b> In advance preparation of the workshop presentation, dynamics, and activities and its validation with the NDE, as well as its dissemination to reach the greatest number of relevant attendees Filling of an attendance list including gender information. Analysis of the questions asked and answered, and of the activities carried out.</p> <p><b>Frequency:</b> One workshop during activity 6.2</p>	<p>This workshop is intended for the validation of gaps prioritization and proposed solutions to bridge them, as well as collection of input and feedback in this regard.</p>

	d) Number of communication materials, including news releases, newsletters, articles, presentations, social media postings, etc.	- 1 communication material (flyer) for workshop dissemination		
		<b>Total: 1 progress meeting</b>		
	<b>Progress meetings</b>		<b>Method:</b>	
	a) Number of TA progress meetings with the NDE, Focal point and DEUMAN	- 1 progress meeting with the NDE and Focal point to present preliminary result and get feedback	Communication of the agenda to the participants and Ppt presentation preparation for the meeting	There is a minute format which must be completed at the end of each meeting with its respective attendance sheet.
	b) Number of other information materials strengthened, revised, or created	- 1 information materials created: Power point (1 per progress meeting) - 1 Minute of the meeting, including the participant list.	Recording of minutes and attendance lists at all technical assistance meetings.	Agenda of these meetings will be established according to need, with the purpose of validating approaches, presenting, and gathering feedback on progress, coordination, etc.
	<b>Product development</b>		<b>Frequency:</b>	
	a) Number of tools and technical documents strengthened, revised, or developed	- 12 documents reviewed	Every two weeks, except when there is a presentation meeting	
	b) Number of other information materials strengthened, revised, or created	- 1 matrix on characterization of actors		This will serve as an input of the final product and will be presented in progress meetings.
	<b>Workshop</b>		<b>Method:</b>	
Activity 2.1: Inception meeting report and interviews summary, including the list of participants gender disaggregated-data, photos, and other relevant information	a) Total number of events organized by proponents and implementing partners	<b>1 workshop carried out</b>	Perform research and information systematization and analysis activities	
	b) Number of participants in events organized by proponents and implementing partners Percentage of men and women	- 1 workshop for stakeholders - At least 15 participants from the street side vendors - 1 workshop results report - 1 Minute from the workshop including attendance list	Characterization, classification and prioritization of actors.	
	c) Number of other information materials strengthened, revised, or created	- 1 communication material for workshop (ppt) - 1 communication material (flyer) for workshop dissemination	In advance preparation of the workshop presentation, dynamics, and activities and its validation with the NDE, as well as its dissemination to reach the greatest number of relevant attendees	This workshop is intended for the validation of gaps prioritization and proposed solutions to bridge them, as well as collection of input and feedback in this regard.
	d) Number of communication materials, including news releases,		Filling of an attendance list including gender information. Analysis of the questions asked and answered, and of the activities carried out.	
			<b>Frequency:</b> One workshop during activity 2.1	

Activity 2.2: conduct personal interview with stakeholders	newsletters, articles, presentations, social media postings, etc.			
	<b>Product development</b>			
	a) Number of tools and technical documents strengthened, revised, or developed	- 1 matrix on the possible stakeholder prioritization	<b>Method:</b> Perform research and information systematization and analysis activities.	This will serve as an input of the final product and will be presented in progress meetings.
	b) Number of other information materials strengthened, revised, or created	- 12 documents revised		
	<u>Total: 1 progress meetings</u>			
	<b>Progress meetings</b>			
	a) Number of TA progress meetings with NDE and the Ministry of Environment and Housing and Agriculture	- 1 progress meeting with the NDE and the the Ministry of Environment and Housing and Agriculture to present preliminary result and get feedback	<b>Method:</b> Communication of the agenda to the participants and Ppt presentation preparation for the meeting Recording of minutes and attendance lists at all technical assistance meetings.	There is a minute format which must be completed at the end of each meeting with its respective attendance sheet. Agenda of these meetings will be established according to need, with the purpose of validating approaches, presenting, and gathering feedback on progress, coordination, etc.
	b) Number of other information materials strengthened, revised, or created	- 1 information materials created: Power point (1 per progress meeting)		
		- 1 Minute of the meeting, including the participant list.	<b>Frequency:</b> Every two weeks, except when there is a presentation meeting	
	<b>Surveys (Personal interview with key stateholders)</b>		<b>Methodology:</b> In advance preparation of google forms and validation of stakeholders list with the counterpart.	
	a) Number of other information materials strengthened, revised, or created	- 1 google form prepared	Establish contact with stakeholder's trough and ask them to fill a form to collect information regarding WHO and WHY there are the groups of interest in the Bahamas for developing of open green markets.	Information collected will serve to complement information gathered on criteria for sectors prioritization and challenges for the contribution of the private sector to NDC implementation
	b) Number of stakeholders filling the surveys	- At least 10 stakeholder characterization sheets completed  - At least 10 stakeholders participating		
			Systematization of gathered information.	
			<b>Frequency:</b> During development of activity 2.2	
	<b>Product presentation</b>		<b>Method:</b>	The CTCN review will be considered to coordinate the presentation of the

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<p><b>Output 3: Market Assessments for open green markets spaces</b></p>	<p>a) Number of deliverables produced</p> <ul style="list-style-type: none"> <li>Number of tools and technical documents reinforced, revised, or developed</li> <li>Number of other information materials strengthened, revised, or created</li> </ul> <p>b) Number of presentation meetings</p> <p><b>Progress meetings</b></p> <p>a) Number of TA progress meetings with NDE</p> <p>b) Number of other information materials strengthened, revised, or created</p>	<p><u>Total: 1 deliverables</u></p> <ul style="list-style-type: none"> <li>1 Market assessment report for open green market spaces</li> </ul> <p><u>1 presentation meeting carried out</u></p> <p><u>Total: 1 progress meetings</u></p> <ul style="list-style-type: none"> <li>1 progress meeting with the NDE to present preliminary result and get feedback</li> <li>1 information materials created: Power point (1 per progress meeting)</li> <li>1 Minute of the meeting, including the participant list.</li> </ul>	<p>Prepare report from research, consultation and information systematization and analysis. Conduct a quality control process and send for counterpart revision and comments.</p> <p>Prepare a ppt presentation and record any suggestions and feedback to be considered.</p> <p><b>Frequency:</b> At the end of product</p> <p><b>Method:</b> Communication of the agenda to the participants and Ppt presentation preparation for the meeting Recording of minutes and attendance lists at all technical assistance meetings.</p> <p><b>Frequency:</b> Every two weeks, except when there is a presentation meeting</p>	<p>product to the customer. There is a minute's format that must be completed at the end of each meeting with their respective attendance sheet.</p> <p>There is a minute format which must be completed at the end of each meeting with its respective attendance sheet. Agenda of these meetings will be established according to the need, with the purpose of validating approaches, presenting, and gathering feedback on progress, coordination, etc.</p>
<p>Activity 3.1: Baseline to establish the market to take up this technology and the area required as a basis to perform a site selection</p>	<p><b>Product development</b></p> <p>a) Number of deliverables produced in this output</p> <p><b>Progress meetings</b></p> <p>a) Number of TA progress meetings with NDE and Focal point</p> <p>b) Number of other information materials strengthened, revised, or created</p>	<p>1 elaboration of problem's tree analysis</p> <p>1 elaboration of international benchmarking</p> <p>1 characterization of stakeholders current and ideal situation</p> <p><u>Total: 1 progress meetings</u></p> <p>1 progress meeting with the ministers to present preliminary result and get feedback</p> <p>1 information materials created: Power point (1 per progress meeting)</p>	<p><b>Method:</b> Perform research and information systematization and analysis activities.</p> <p><b>Method:</b> Communication of the agenda to the participants and Ppt presentation preparation for the meeting Recording of minutes and attendance lists at all technical assistance meetings.</p> <p><b>Frequency:</b></p>	<p>This will serve as an input of the final product and will be presented in progress meetings.</p> <p>There is a minute format which must be completed at the end of each meeting with its respective attendance sheet. Agenda of these meetings will be established according to need, with the purpose of validating approaches, presenting, and gathering feedback on progress, coordination, etc.</p>

		1 Minute of the meeting, including the participant list.	Every two weeks, except when there is a presentation meeting	
<b>Output 4: Establishing baseline/site selection for two open green market spaces</b>	<b>Product presentation</b>	<u>Total: 3 deliverables</u>		
	a) Number of deliverables produced in this output <ul style="list-style-type: none"> <li>● Number of tools and technical documents reinforced, revised, or developed</li> <li>● Number of other information materials strengthened, revised, or created</li> </ul>	1 Report on existing and future local bylaws and regulations  2 Matrix of parameters and selection process report for the best sites for 2 open green market spaces.  1 Framework report considering storage of goods, capacity and loads for the storage systems	<b>Method:</b> Prepare report from research, consultation and information systematization and analysis. Conduct a quality control process and send for counterpart revision and comments. Prepare a ppt presentation and record any suggestions and feedback to be considered.	The CTCN review will be considered to coordinate the presentation of the product to the customer. There is a minute's format that must be completed at the end of each meeting with their respective attendance sheet.
	b) Number of presentation meetings	<u>1 presentation meeting carried out</u>	<b>Frequency:</b> At the end of product	
	<b>Progress meetings</b>	<u>Total: 1 progress meetings</u>		
	a) Number of TA progress meetings with NDE and focal point	1 progress meeting with the ministers to present preliminary result and get feedback	<b>Method:</b> Communication of the agenda to the participants and Ppt presentation preparation for the meeting Recording of minutes and attendance lists at all technical assistance meetings.	There is a minute format which must be completed at the end of each meeting with its respective attendance sheet. Agenda of these meetings will be established according to need, with the purpose of validating approaches, presenting, and gathering feedback on progress, coordination, etc.
	b) Number of other information materials strengthened, revised, or created	1 information materials created: Power point (1 per progress meeting) 1 Minute of the meeting, including the participant list.	<b>Frequency:</b> Every two weeks, except when there is a presentation meeting	
Activity 4.1: Reriew of existing ad future local bylaws and regulations	<b>Product development</b>	1 template for the matrix on national regulation	<b>Method:</b> Perform research and information systematization and analysis activities.	This will serve as an input of the final product and will be presented in progress meetings.
	a) Number of deliverables produced in this output	1 legal matrix		
	<b>Progress meetings</b>	<u>Total: 1 progress meetings</u>		
	a) Number of TA progress meetings with the NDE and focal point.		<b>Method:</b> Communication of the agenda to the participants and Ppt presentation preparation for the meeting	There is a minute format which must be completed at the end of each meeting with its respective attendance sheet.

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	b) Number of other information materials strengthened, revised, or created	1 progress meeting with the ministers to present preliminary result and get feedback 1 information materials created: Power point (1 per progress meeting) 1 Minute of the meeting, including the participant list.	Recording of minutes and attendance lists at all technical assistance meetings. And to validate the information from the matrix being done.  <b>Frequency:</b> Every two weeks, except when there is a presentation meeting	Agenda of these meetings will be established according to need, with the purpose of validating approaches, presenting, and gathering feedback on progress, coordination, etc.
Activity 4.2: Create a matrix of parameters for selection of the best sites for 2 open green markets	<b>Product development</b>  a) Number of deliverables produced	1 matrix of parameters for the selection of the best sites for one green market open space  1 matrix of parameters for the selection of the best sites for 2 green market open spaces	<b>Method:</b> Perform research and information systematization and analysis activities. Once the characteristics of the area and the size of the required space have been established.	This will serve as an input of the final product and will be presented in progress meetings.
Activity 4.3: Apply the parameters to probable sites to identify and confirm 2 sites for open green market spaces	<b>Product development</b>  a) Number of deliverables produced	1 Template: matrix of parameters for the selection of the best sites for one green market open space 1 matrix of parameters for the selection of the best sites for 2 green market open space	<b>Method:</b> Perform research and information systematization and analysis activities.	This will serve as an input of the final product and will be presented in progress meetings. the technical counterpart will be asked to carry out the same assessment using the established parameters and validate the final selection of the intervention sites.
Activity 4.4: Estimate the size of the storage area required for storage of goods (cold storage as well as ordinary storage), capacity and loads for the storage systems	<b>Product development</b>  a) Number of deliverables produced	1 Template elaboration	<b>Method:</b> This activity will be carried out as an anticipated part of activity 4.2. Criteria for mitigation of climate change are those mainly valued as energy efficiency of cold storages, as well as the stability of the network and the potential incorporation of renewable energies in a limited connection typology in activity 5.1.	This will serve as an input of the final product and will be presented in progress meetings.
<b>Output 5: Establish a framework of requirements , capacity and loads of renewable energy systems, organic waste and water management</b>	<b>Product presentation</b>  a) Number of deliverables produced in this output	<u>Total: 3 deliverables</u>	<b>Method:</b> Prepare report from research, consultation and information systematization and analysis. Conduct a quality control process and send for counterpart revision and comments.	The CTCN review will be considered to coordinate the presentation of the product to the customer. There is a minute's format that must be completed at the end of each meeting with their respective attendance sheet.

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	<ul style="list-style-type: none"> <li>• Number of tools and technical documents reinforced, revised or developed</li> <li>• Number of other information materials strengthened, revised, or created</li> </ul> <p>b) Number of presentation meetings</p> <p>c) Total number of policies, strategies, plans, laws, agreements, or regulations supported by the assistance (both adaptation and mitigation related)</p>	<p>1 Set up a framework of renewable energy sources, capacity and loads of the renewable energy systems</p> <p>1 Set up a framework of organic waste produce, recyclable materials, and waste management.</p> <p>1 Set up a framework of water management, water supply and wastewater treatment (e.g., grey water reuse).</p> <p><u>1 presentation meeting carried out</u></p> <p><u>2 policies, strategies, plans, laws, agreements, or regulations supported by the assistance</u></p>	<p>Prepare a ppt presentation and record any suggestions and feedback to be considered.</p> <p><b>Frequency:</b> At the end of product</p> <p><b>Method:</b> Communication of the agenda to the participants and Ppt presentation preparation for the meeting Recording of minutes and attendance lists at all technical assistance meetings.</p> <p><b>Frequency:</b> Every two weeks, except when there is a presentation meeting</p>	
<p>Activity 5.1: Set up a framework of renewable energy sources, capacity and loads of the renewable energy systems</p>	<p><b>Progress meetings</b></p> <p>a) Number of TA progress meetings with the NDE and focal point</p> <p>b) Number of other information materials strengthened, revised, or created</p> <p><b>Product development</b></p> <p>a) Number of deliverables produced in this output</p>	<p><u>Total: 1 progress meetings</u></p> <p>1 progress meeting with the ministers' present preliminary result and get feedback</p> <p>1 information materials created: Power point (1 per progress meeting)</p> <p>1 Minute of the meeting, including the participant list.</p> <p>1 Elaboration of scene evaluation</p> <p>1 guiding report on energy operating conditions</p> <p><u>Total: 1 progress meeting</u></p>	<p><b>Method:</b> The operating limits will be based on a report or guide of energy operating conditions. The scenarios for evaluation will consider local instrument to promote this kind of technologies and available conditions for the operation and maintenance of the technology.</p> <p><b>Method:</b></p>	<p>There is a minute format which must be completed at the end of each meeting with its respective attendance sheet.</p> <p>Agenda of these meetings will be established according to need, with the purpose of validating approaches, presenting, and gathering feedback on progress, coordination, etc.</p> <p>This will serve as an input of the final product and will be presented in progress meetings.</p> <p>There is a minute format which must be completed at the end of each</p>

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	<p>a) Number of TA progress meetings with the NDE and focal point</p> <p>b) Number of other information materials strengthened, revised, or created</p>	<p>1 progress meeting with the ministers' to present preliminary result and get feedback</p> <p>1 information materials created: Power point (1 per progress meeting)</p> <p>1 Minute of the meeting, including the participant list.</p>	<p>Communication of the agenda to the participants and Ppt presentation preparation for the meeting</p> <p>Recording of minutes and attendance lists at all technical assistance meetings.</p> <p><b>Frequency:</b> Every two weeks, except when there is a presentation meeting</p> <p><b>Method:</b> Projected base scenarios will be evaluated, controlled scenarios based on measures that the operating framework will seek to establish to guarantee current and projected safe operating scenarios as well as their incorporation into the urban ecosystem, avoiding generating other problems for the city or the population in the surroundings.</p> <p><b>Method:</b> Projected base scenarios will be evaluated, controlled scenarios based on measures that the operating framework will seek to establish to guarantee current and projected safe operating scenarios as well as their incorporation into the urban ecosystem, avoiding generating other problems for the city or the population in the surroundings.</p>	<p>meeting with its respective attendance sheet.</p> <p>Agenda of these meetings will be established according to need, with the purpose of validating approaches, presenting, and gathering feedback on progress, coordination, etc.</p>
<p>Activity 5.2: Set up a framework of organic waste produce, recyclable materials, and waste management</p>	<p><b>Product development</b></p> <p>a) Number of deliverables produced in this output</p>	<p>1 sheet of the characterization of recyclable material</p> <p>1 sheet of generation base scenarios</p>	<p><b>Method:</b> Projected base scenarios will be evaluated, controlled scenarios based on measures that the operating framework will seek to establish to guarantee current and projected safe operating scenarios as well as their incorporation into the urban ecosystem, avoiding generating other problems for the city or the population in the surroundings.</p>	<p>This will serve as an input of the final product and will be presented in progress meetings.</p>
<p>Activity 5.3: Set up a framework of water management, water supply and wastewater treatment (e.g., grey water reuse).</p>	<p><b>Product development</b></p> <p>a) Number of deliverables produced in this output</p>	<p>1 sheet of the generation of base scenarios</p>	<p><b>Method:</b> Projected base scenarios will be evaluated, controlled scenarios based on measures that the operating framework will seek to establish to guarantee current and projected safe operating scenarios as well as their incorporation into the urban ecosystem, avoiding generating other problems for the city or the population in the surroundings.</p>	<p>This will serve as an input of the final product and will be presented in progress meetings.</p>
	<p><b>Product presentation</b></p> <p>a) Number of deliverables produced in this output</p> <ul style="list-style-type: none"> <li>Number of tools and technical documents reinforced, revised, or developed</li> <li>Number of other information materials strengthened, revised, or created</li> </ul>	<p><u>Total: 3 deliverables</u></p> <p>1 Needs assessment report with applicable solutions to meet them.</p> <p>1 Short list and ranking of appropriate climate technologies for open green market spaces.</p> <p>2 Report with information and prioritization of climate technologies, their relevance, use</p>	<p><b>Method:</b> Prepare report from research, consultation and information systematization and analysis. Conduct a quality control process and send for counterpart revision and comments.</p> <p>Prepare a ppt presentation and record any suggestions and feedback to be considered.</p> <p><b>Frequency:</b> At the end of product</p>	<p>The CTCN review will be considered to coordinate the presentation of the product to the customer. There is a minute's format that must be completed at the end of each meeting with their respective attendance sheet</p>

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	<p>b) Number of presentation meetings</p> <p>c) Total number of policies, strategies, plans, laws, agreements, or regulations supported by the assistance (both adaptation and mitigation related)</p>	<p>and benefits, including a design with the proposed facilities, size of storage facilities and renewable energy sources.</p> <p>1 Validation Workshop report with stakeholders with the selection of prioritize climate technologies to be implemented in the open green market spaces</p>		
	<p><b>Progress meetings</b></p> <p>a) Number of TA progress meetings with the NDE and focal point</p> <p>b) Number of other information materials strengthened, revised, or created</p>	<p><u>Total: 1 progress meetings</u></p> <p>1 progress meeting with the ministers to present preliminary result and get feedback</p> <p>1 information materials created: Power point (1 per progress meeting)</p> <p>1 Minute of the meeting, including the participant list.</p>	<p><b>Method:</b> Communication of the agenda to the participants and Ppt presentation preparation for the meeting Recording of minutes and attendance lists at all technical assistance meetings.</p> <p><b>Frequency:</b> Every two weeks, except when there is a presentation meeting</p>	<p>There is a minute format which must be completed at the end of each meeting with its respective attendance sheet. Agenda of these meetings will be established according to need, with the purpose of validating approaches, presenting, and gathering feedback on progress, coordination, etc.</p>
<p>Activity 6.1: Needs assessment report with applicable solutions to meet them.</p>	<p><b>Product development</b></p> <p>a) Number of deliverables produced in this output</p>	<p>1 sheet of the identification of legal requirement, available technology and so on.</p> <p>1 sheet of identification of international practices</p> <p>1 risk analysis on the application of climate change to open green market</p>	<p><b>Method:</b> Perform research and information systematization and analysis activities.</p>	<p>This will serve as an input of the final product and will be presented in progress meetings.</p>
<p><b>Activity 6.2: List smart infrastructure solutions for sustainable urban development (e.g., rainwater harvesting, energy saving and solar-powered facilities).</b></p>	<p>a) Number of deliverables produced in this output</p> <ul style="list-style-type: none"> <li>Number of tools and technical documents reinforced, revised, or developed</li> </ul>	<p>1 list of smart infrastructure for sustainable urban development</p> <p>1 assessment of whether the technology would be applicable for the green spaces market.</p>	<p><b>Method:</b> The list will contain a short description of the technology and a first estimate of the benefits and costs of the respective technology. Also, the list should contain a first assessment over whether the technology would be applicable for an open space green market in The Bahamas.</p>	<p>This workshop is intended for the validation of gaps prioritization and proposed solutions to bridge them, as well as collection of input and feedback in this regard.</p>

<p>Activity 6.3 Report with information and prioritization of climate technologies, their relevance, use and benefits, including a design with the proposed facilities, size of storage facilities and renewable energy sources</p>	<ul style="list-style-type: none"> <li>Number of other information materials strengthened, revised, or created</li> </ul> <p><b>Product presentation</b></p> <p>a) Number of deliverables produced in this output</p>	<p>1 prioritization of the technology climate measures for open green markets</p>	<p><b>Method:</b> The consultant team will provide a list of smart infrastructure for sustainable urban development based on its own long-term experience and available information on international examples. The list will contain a short description of the technology and a first estimate of the benefits and costs of the respective</p> <p><b>Frequency:</b> At the end of product</p>	<p>The CTCN review will be considered to coordinate the presentation of the product to the customer. There is a minute's format that must be completed at the end of each meeting with their respective attendance sheet.</p>
<p>Activity 6.4: Validation Workshop report with stakeholders with the selection of prioritize climate technologies to be implemented in the open green market spaces.</p>	<p><b>Product presentation</b></p> <p>a) Number of deliverables produced in this output</p>	<p>1 sheet of climate risk assessments 1 sheet of climate threat analysis 1 Generation of a GHG emissions baseline (emissions without project) 1 Baseline: Definition of the limits of the system to be evaluated 1 Baseline: Identification of the main emission sources 1 Baseline: Define emission factors 1 Baseline: Collect market data 1 Baseline: Quantification of emissions 1Develop an emission scenario (with project)</p>	<p><b>Method:</b> The consultant team will presents the "Priority Actions" identified under activity 6.3, and quantifies their potential impact on GHG emissions (based on the emission factors defined for the baseline and overall emissions). This is for the emission scenario with the develop of the project.</p> <p>Later, this scenario will be compared to the baseline and emissions reductions can be quantified.</p> <p><b>Frequency:</b> At the end of product</p>	<p>The CTCN review will be considered to coordinate the presentation of the product to the customer. There is a minute's format that must be completed at the end of each meeting with their respective attendance sheet.</p>
<p>Activity 6.5: Conduct a validation workshop with key stakeholders on the proposed facilities , size of storage facilities and renewable energy sources.</p>	<p><b>Workshop</b></p> <p>a) Total number of events organized by proponents and implementing partners</p> <p>b) Number of participants in events organized by proponents and implementing partners Percentage of men and women</p>	<p><u>1 workshop carried out</u> 1 workshop for stakeholders 1 workshop results report 1 Minute from the workshop including attendance list 1 communication material for workshop (ppt)</p>	<p><b>Method:</b> Once the assessment of the climate technologies and potential measures has been finalized the results shall be presented to key stakeholders via a validation workshop.</p> <p><b>Frequency:</b> One workshop during activity 6.5</p>	<p>This workshop is intended for the validation of gaps prioritization and proposed solutions to bridge them, as well as collection of input and feedback in this regard.</p>

	<p>c) Number of other information materials strengthened, revised, or created</p> <p>d) Number of communication materials, including news releases, newsletters, articles, presentations, social media postings, etc.</p>	<p>1 communication material (flyer) for workshop dissemination</p>	
<p><b>Output 7: Business model for open green spaces/markets to function effectively and governance</b></p>	<p><b>Product presentation</b></p> <p>a) Number of deliverables produced in this output</p> <ul style="list-style-type: none"> <li>Number of tools and technical documents reinforced, revised, or developed</li> <li>Number of other information materials strengthened, revised, or created</li> </ul> <p>b) Number of presentation meetings</p>	<p><u>Total: 1 deliverable</u></p> <p>1 A draft business model for deployment and support of open green market spaces throughout The Bahamas.</p> <p><u>1 presentation meeting carried out</u></p> <p><b>Method:</b> Prepare report from research, consultation and information systematization and analysis. Conduct a quality control process and send for counterpart revision and comments. Prepare a ppt presentation and record any suggestions and feedback to be considered.</p> <p><b>Frequency:</b> At the end of product</p>	<p>The CTCN review will be considered to coordinate the presentation of the product to the customer. There is a minute's format that must be completed at the end of each meeting with their respective attendance sheet</p>
<p><b>Activity 7.1 – Draft a business model which can be built up for open green markets including a proposal on what should be the governance structure and policies to lead the vendors towards these areas and take them out from the streets</b></p>	<p><b>Product development</b></p> <p>a) Number of deliverables produced</p>	<p>1 list of interactions between actors</p> <p>1 implementation cost curve</p> <p><b>Method:</b> The mapping of interaction between actors and the potential interactions papping will be the first tool to use. A list of model and interactions between actors are going to be develop including and total cost of deployment cost curve that could show the main financial indicator in each model to evaluate with a graphic the options or combination</p>	<p>Ideas and outline will be validated with the counterpart during the nearest progress meeting and/or through e-mail communication.</p>
	<p>Anticipated number of direct and indirect beneficiaries as a result of TA</p>	<p><u>60 direct beneficiaries</u></p> <p><u>100 indirect beneficiaries</u></p>	<p><b>Method:</b> <i>Direct beneficiaries are estimated from the number of stakeholders actively participating from workshops, surveys and /or bilateral meetings. Whereas indirect beneficiaries are estimated from the number of stakeholders</i></p> <p>Beneficiaries from concept notes elaboration as well as beneficiaries from the productive chairs both upstream and downstream of engaged stakeholders are interested to be</p>

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		<i>mapped from previous consultancies which might be accessible to take information from and resources generated from the technical assistance once this one concludes, although not necessarily being part of it during the consultation process</i>	estimated as well as during the consultancy.
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**Diagnosis Mapping contribution from the private sector, including NGOs, academia, commercial and development banking, for mitigation objectives and climate change adaptation needs in the Bahamas**

Deliverable 1.3

CTCN Impact Description

**Climate Technology Centre & Network (CTCN)**

Developing a national framework for the standardization of stalls and procedures for a climate smart street side vendor throughout The Bahamas.



### 3 CTCN Impact Description

This section describes the main impact of the study in Table 11:

**Table 11 Impact Description**

Impact Statement	
Challenge	The problem to be addressed in the technical assistance is the high dependency of food importation throughout the Bahamas and in the integration of street-side vendors in the formal sector for them to work under sanitary conditions and by extent, to strengthen their resilience against climate change that threaten food security.
CTCN assistance	<ul style="list-style-type: none"> <li>• The technical assistance will help to develop implementation planning and communication documents.</li> <li>• The technical assistance will carry on an analysis of stakeholders</li> <li>• That will allow us to make a market assessment for 2 open green market spaces</li> <li>• By doing that, a framework of requirements, capacity, and loads of renewable energy systems, organic waste produce, and management will be established.</li> <li>• The feasibility assessment of applicable climate technology on open green markets and their sustainability will be carried on.</li> <li>• As a result, the technical assistance will help to create a business model for open green spaces /markets to function effectively.</li> </ul>
Anticipated impact	<ul style="list-style-type: none"> <li>• Promote street-side vendor participation as boosters of green growth, and organize them to work under sanitary conditions that can help them to increase their climate-resilient infrastructure.</li> <li>• Help to introduce green spaces to increase liveability and process mechanisms for storage of produce and goods.</li> <li>• Contribute to the stabilization of a policy that leads street vendors towards the green spaces introduced for them not to be working in the streets.</li> <li>• The overall objective of the technical assistance is to build resilience in the agricultural sector to improve food distribution, and to an extent, improve food security.</li> </ul>
Anticipated co-benefits from the TA	<p>The following co-benefits are visualized:</p> <ul style="list-style-type: none"> <li>- Improve the organic waste management sector in the islands of Bahamas</li> <li>- To improve the quality of products and goods that street-side vendors sell to the citizens and tourists.</li> <li>- Contribute to the active involvement of the locals in the climate action initiatives to enhance its contribution in terms of innovation and technology.</li> <li>- Introduce renewable sources as a means to produce energy for their activities.</li> <li>- To strengthen the social linkage between street-side vendors for them to unify as one and to help them to organize in a positive manner.</li> <li>- To enhance Nassau’s food quality and by extent, not damaging consumers health.</li> </ul>
Gender aspects of the TA	<p>The design of the TA defines the active inclusion of women at every stage of the work, with their active, incidental, and outstanding participation. Whenever possible, during stakeholder mapping, women organizations will be identified, actively including women participation in each phase, and keeping a record of it. The TA will incorporate the gender perspective transversally, evaluating how could generate economic, social, and environmental implications among men and women, especially when identifying adaptation needs, complying with ODS 5 on gender equality through appropriate gender indicators in the monitoring and evaluation process. These conditions will cover all levels from project development to service development, emphasizing, throughout the process, the dignity and respect of women.</p> <p><i>Benefits:</i> Enhance the capabilities and means of tools for women to face natural disasters that might increase in the long term.</p>

Developing a national framework for the standardization of stalls and procedures for a climate smart street side vendor throughout The Bahamas.

<p>Anticipated contribution to NDC</p>	<p>A greater recognition of the intervention of women and men in the fight against climate change. Highlighting their capacities and ways of seeing the world as agents of change. These new opportunities have the potential to improve women's living conditions, offering economic stability, safety, health, and equal opportunities to access jobs while at the same time narrowing the wage gap, in compliance with ODS 5 on gender equality.</p> <ul style="list-style-type: none"> <li>● The technical assistance will contribute to enhancing private sector participation in social participation to build resilience to Climate Change in the Bahamas to accomplish the NDC<sup>1</sup> mitigation and adaptation objectives.</li> <li>● The technical assistance will also contribute to the development of new policy focused on improving food security throughout the Island.</li> <li>● Once the street vendors, government, and their needs to be part of the strengthening of food security and sanitation, these will serve as an input to update the NDC's country.</li> </ul>
<p>The narrative story</p>	<p>The organization of street vendors and incorporate them into the formal sector is a crucial work to strength their capabilities to face climate challenges. Government participation is crucial to accomplish environmental objectives of the country and to incorporate informal sector into the formal one, considering that they are the regulators of making possible the food security of the country as well as having the means to improve the resilience of the citizens in Bahamas. This is an opportunity that countries could take to strengthen synergies between export growth and sustainable development.</p> <p>During the last years, efforts have been made in the Bahamas to implement activities to help the informal street-side vendors to be part of the formal economy. However, as they state, this has become into a noncontrollable problem that not only threatens te health of the consumers of street food but also pollutes the environment by not taking measures to make their job sustainable. Bahamas efforts have been reflected by the different guides that help vendors to have cleaner practices. This is evidence by the National Guidelines for control measures of street- vended foods in 2020, Bahamas national standard code of hygiene practice for the preparation and sale of street food (2020), and the Bahamas National Guidelines “for mobile coconut water street vendors” (2020); which are focused on the preparation of food and coconuts and on their disposal. However, it has not been enough to stop their unsanitary practices on the Street. The idea of a green recomodation of these groups of sellers could be supported by different national regulations in the country. For example, there is a published Food and Nutrition Security Policy that seeks that all people have physical and economic access to sufficient, safe and nutritious food, at all times, to meet their dietary needs and food preferences for an active and healthy life. Furthermore, in other areas, support to face street side issues could be found in the Water and Sewerage Corporation Act. Also, the national Energy Policy (2013- 2030) can help the country to introduce small spots of renewable energy in the open green markets intended to build.</p>
<p>Contribution to SDGs</p>	<ul style="list-style-type: none"> <li>- <b>SDG 8:</b> introduction of street-side vendors to the formal economy can promote full and productive employment and create decent work for them. Besides, the implementation of new green spaces can help to the upgrade of technology and innovation which can lead to achieve higher levels of economic productivity.</li> <li>- <b>SDG 13:</b> resilience will be strengthened through the implementation of measures to increase food security and with that, help the community to have the capacity of facing climate-related hazards and natural disasters that have come through in the Bahamas.</li> <li>- <b>SDG 6:</b> The project implementation will help to reduce the viruses that could be passing through the current consumers that acquire products and goods from the street. By setting goals related to sanitary conditions and minimum requirements that the water quality should meet, we can help society to stay healthy.</li> </ul>

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### Developing a national framework for the standardization of stalls and procedures for a climate smart street side vendor throughout The Bahamas.

Reference to knowledge products

- Compilation of guidelines for good practices within the street side vendors<sup>2</sup>
  - National Guidelines for control measures of street - vended foods (2020)<sup>3</sup>
  - Bahamas national standard code of hygiene practice for the preparation and sale of street food (2020)<sup>4</sup>
  - Bahamas National Guidelines “for mobile coconut water street vendors” (2020)<sup>5</sup>
- Compilation of regulations related to the renewables in the Bahamas
  - National Energy Policy (2013- 2030)<sup>6</sup>
  - Bahamas National Policy for the adaptation to climate change<sup>7</sup>
  - Environmental Planning and Protection Act (EPPA)<sup>8</sup>
  - Electricity act<sup>9</sup>
- Compilation of regulations related to the waste management sector in the Bahamas
  - Environmental Planning and Protection Act<sup>10</sup>
  - Environmental Health Services (Collection and Disposal of Waste) Regulations (cap. 232).<sup>11</sup>
- Compilation of regulations related to water sanitation
  - Water and Sewerage Corporation Act<sup>12</sup>
  - Out Islands act<sup>13</sup>
- Compilation of studies related to Agriculture in the Bahamas
  - Food and nutrition Security Policy (FNSP 2017-2020)<sup>14</sup>
  - Food Safety and Quality Act<sup>15</sup>

<sup>2</sup>The Government of The Bahamas. (2020). Public Comment on Street Vendors (Food & Coconut) Draft Standard & Guidelines. Available at: [www.bahamas.gov.bs](http://www.bahamas.gov.bs)

<sup>3</sup>Bahamas Bureau of Standards and Quality (BBSQ). (2020). National Guidelines for control measures of street-vended food. Available at: [https://www.bahamas.gov.bs/wps/wcm/connect/d89fd262-b8ea-486c-b5a8-cad256fff2cb/Guidelines+for+The+Design+of+Control+Measures+For+Street-Vended+Foods+%28Bahamas%29\\_readonly.pdf?MOD=AJPERES](https://www.bahamas.gov.bs/wps/wcm/connect/d89fd262-b8ea-486c-b5a8-cad256fff2cb/Guidelines+for+The+Design+of+Control+Measures+For+Street-Vended+Foods+%28Bahamas%29_readonly.pdf?MOD=AJPERES)

<sup>4</sup>Bahamas Bureau of Standards and Quality (BBSQ). (2020). Bahamas National Standard code of hygienic practice for the preparation and sale of street foods. Available at: [https://www.bahamas.gov.bs/wps/wcm/connect/e77c510f-da83-4989-a53b-5b4d0edb2190/Bahamas+Code+of+Hygienic+Practice+For+The+Preparation+and+Sale+of+Street+Food-WD\\_readonly.pdf?MOD=AJPERES](https://www.bahamas.gov.bs/wps/wcm/connect/e77c510f-da83-4989-a53b-5b4d0edb2190/Bahamas+Code+of+Hygienic+Practice+For+The+Preparation+and+Sale+of+Street+Food-WD_readonly.pdf?MOD=AJPERES)

<sup>5</sup>Bahamas Bureau of Standards and Quality (BBSQ). (2020). National guidelines “for mobile coconut water street vendors”. Available at: [https://www.bahamas.gov.bs/wps/wcm/connect/9b977e48-7436-4e6f-97dd-b2cf32f863e4/Guidelines+for+Mobile+Coconut+Water+Street+Vendor+Guidelines-WD\\_readonly.pdf?MOD=AJPERES](https://www.bahamas.gov.bs/wps/wcm/connect/9b977e48-7436-4e6f-97dd-b2cf32f863e4/Guidelines+for+Mobile+Coconut+Water+Street+Vendor+Guidelines-WD_readonly.pdf?MOD=AJPERES)

<sup>6</sup>Ministry of the Environment and Housing (2013). National Energy Policy 2013-2033. f

<sup>7</sup> The Commonwealth of the Bahamas (2005). National Policy for the adaptation to climate change. Available at: <https://www.greengrowthknowledge.org/national-documents/bahamas-national-policy-adaptation-climate-change>

<sup>8</sup>Parliament of the Bahamas (2019). Environmental planning and protection Act. Recuperado de: <http://www.depp.gov.bs/wp-content/uploads/2020/02/Department-of-Environmental-Protection-Planning-Act-2019.pdf>

<sup>9</sup> Utilities Regulation & Competition Authority (2015). Electricity Act. Available at: <https://www.urcabahamas.bs/publications/electricity-act-2015/>

<sup>10</sup> The Government of Bahamas (2019). Environmental planning and protection Act.

<sup>11</sup>The Government of Bahamas (2004). Environmental health services (collection and disposal of waste) regulations.

<sup>12</sup>The Government of Bahamas (2001). Water and sewerage corporation arrangement of sections. Available at: [https://wsc.com.bs/wp-content/uploads/2020/01/WaterandSewerageCorporationAct\\_1.pdf](https://wsc.com.bs/wp-content/uploads/2020/01/WaterandSewerageCorporationAct_1.pdf)

<sup>13</sup> The Government of Bahamas (1965). Out Islands Utilities Act. Available at: [http://laws.bahamas.gov.bs/cms/images/LEGISLATION/PRINCIPAL/1965/1965-0052/OutIslandsUtilitiesAct\\_1.pdf](http://laws.bahamas.gov.bs/cms/images/LEGISLATION/PRINCIPAL/1965/1965-0052/OutIslandsUtilitiesAct_1.pdf)

<sup>14</sup> Ministry of health (2017). The National food and nutrition security and agenda for action for the commonwealth of the Bahamas. Available at: [https://extranet.who.int/nutrition/gina/sites/default/filesstore/BHS%202017%20FNS%20policy\\_0.pdf](https://extranet.who.int/nutrition/gina/sites/default/filesstore/BHS%202017%20FNS%20policy_0.pdf)

<sup>15</sup> The Government of the Bahamas (2016). Food safety and quality act.