

GEF - PROJECT IMPLEMENTATION REPORT (PIR)

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UNEP GEF PIR Fiscal Year 2024
Reporting from 1 July 2023 to 30 June 2024

1 PROJECT IDENTIFICATION

1.1 Project Details

GEF ID: 9808	Umoja WBS: SB-009805
SMA IPMR ID: 36873	Grant ID: S1-32GFL-000622, P1-33GFL-001456
Project Short Title: Botswana GEF CCCD	
Project Title: Building Core Capacity for the Implementation, Monitoring and Reporting of Multilateral Environmental Agreements (MEAs) and Relevant Sustainable Development Goals (SDGs) in Botswana	
Duration months planned:	36
Duration months age:	53
Project Type:	Medium Sized Project (MSP)
Parent Programme if child project:	
Project Scope:	National
Region:	Africa
Countries:	Botswana
GEF Focal Area(s):	Cross-Cutting Capacity Development
GEF financing amount:	\$ 967,351.00
Co-financing amount:	\$ 1,200,000.00
Date of CEO Endorsement/Approval:	2018-04-27
UNEP Project Approval Date:	2018-06-06
Start of Implementation (PCA entering into force):	2018-06-26
Date of Inception Workshop, if available:	
Date of First Disbursement:	2018-08-22
Total disbursement as of 30 June 2024:	\$ 710,494.00

Total expenditure as of 30 June:	\$ 484,789.00
Midterm undertaken?:	No
Actual Mid-Term Date, if taken:	2024-10-31
Expected Mid-Term Date, if not taken:	2024-01-30
Completion Date Planned - Original PCA:	2024-12-31
Completion Date Revised - Current PCA:	2024-12-31
Expected Terminal Evaluation Date:	2025-05-01
Expected Financial Closure Date:	2025-11-01

1.2 Project Description

Project title: Building core capacity for the implementation, monitoring and reporting of Multilateral Environmental Agreements (MEAs) and relevant Sustainable Development Goals (SDGs) in Botswana.

Project goal: Strengthening national capacity for environmental information and knowledge management, for the implementation, monitoring and reporting of MEAs and relevant SDGs in Botswana

Project components

- (i) Development of a coordinated environmental knowledge and information management system
- (ii) Enhancement of institutional coordination and technical capacities to mainstream, develop, and utilize policies for the effective implementation of MEAs and relevant SDGs. Project development begun in 2017 through a collaboration between the then Ministry of Environment, Natural Resources and Tourism of Botswana (MENT) now MET and the UNEP Science Division, with funding from the Global Environment Facility's (GEF) Cross Cutting Capacity Development (CCCD) programme. UNEP and MENT's Department of Environmental Affairs (DEA) pioneered preparation of the GEF project document between 2017 and 2018, which was approved by the CEO of the GEF Secretariat in April 2018, paving way for the implementation phase which begun with the project inception workshop held at Kasane between 11-13 February 2023. The total GEF grant is USD 967,351 supplemented by in-kind co-financing of USD 1,200,000 pledged by both UNEP (USD 200,000) and the Government of Botswana (USD 1,000,000).

The objectives of the CCCD programme during the 6th replenishment cycle of the GEF (GEF6) included:

- (i) CCCD 1: To integrate global environmental needs into management information systems and monitoring.
- (ii) CCCD 2: To strengthen consultative and management structures and mechanisms.
- (iii) CCCD 3: To integrate MEAs' provisions within national policy, legislative, and regulatory frameworks.

(iv) CCCD 4: To pilot innovative economic and financial tools for Convention implementation, and

(v) CCCD 5: Updating of National Capacity Self-Assessments (NCSAs).

Botswana's project was designed focusing on CCCD objectives 1 and 3, crystallized into the two components, two outcomes and ten expected outputs.

1.3 Project Contacts

Division(s) Implementing the project	Early Warning and Assessment Division
Name of co-implementing Agency	N/A
Executing Agency (ies)	Ministry of Environment, Natural Resources Conservation and Tourism
names of Other Project Partners	
UNEP Portfolio Manager(s)	Jochem Zoetelief
UNEP Task Manager(s)	Jochem Zoetelief
UNEP Budget/Finance Officer	Florence Kahiro
UNEP Support Assistants	Ayda Villalobos-Castro
Manager/Representative	Ingrid Mpundu Chite
Project Manager	Senikiwe Faith Tsile
Finance Manager	Katlego Tumisang Mafhoko
Communications Lead, if relevant	

2 Overview of Project Status

2.1 UNEP PoW & UN

UNEP Current Subprogramme(s):	Foundational: Science-policy
UNEP previous Subprogramme(s):	
PoW Indicator(s):	<ul style="list-style-type: none"> • Science-policy: (i) Number of countries and national, regional and subnational authorities that, as a result of UNEP support, have strengthened capacity to develop sound environmental data, statistics, scientific assessments and early warning systems • Science-policy: (ii) Number of relevant global, regional and national forums, institutions and Governments using data, statistics, scientific assessments and early warning and foresight systems provided by UNEP for catalysing policymaking and action
UNSDCF/UNDAF linkages	<p>Through the two project outcomes (i) the establishment of a coordinated environmental knowledge and management system; and (ii) enhancing institutional/ technical capacities in mainstreaming, developing and implementing policies; the Botswana GEF CCCD project approved in 2018 essentially supplemented the county's efforts towards achievement of its second (Implementation of policies and programmes) and third (Data for planning, monitoring, evaluation and decision making) strategic priority areas of the 2017-2021 United Nations Sustainable Development Framework (UNDSF) for Botswana.</p> <p>During the reporting period, project interventions also remained aligned to the 5 and particularly outcome 3 of the UNSDCF 2022-2026 for Botswana titled: "By 2026, Botswana sustainably uses and actively manages its diverse natural resources, improves food security and effectively addresses climate change vulnerability".</p> <p>The UNSDCF 2022-2026 for Botswana reflects the three dimensions of the SDGs (economic growth, social inclusion and environmental protection) and places the people, planet, prosperity, peace and partnerships at the core of Agenda 2030. It thus supports the Government of Botswana in its commitment to achieve the SDGs, the eleventh National Development Plan (NDP 11) 2017-2023, and its long-term vision 2036.</p>
Link to relevant SDG Goals	<ul style="list-style-type: none"> • Goal 13: Take urgent action to combat climate change and its impacts • Goal 15: Protect, restore and promote sustainable use of terrestrial ecosystems, sustainably manage forests, combat desertification, and halt and reverse land degradation and halt biodiversity loss • Goal 16: Promote peaceful and inclusive societies for sustainable development, provide access to justice for all and build effective, accountable and inclusive institutions at all levels • Goal 17: Strengthen the means of implementation and revitalize the Global Partnership for Sustainable Development
Link to relevant SDG Targets:	<ul style="list-style-type: none"> • 13.2 Integrate climate change measures into national policies, strategies and planning • 13.3 Improve education, awareness-raising and human and institutional capacity on climate change mitigation, adaptation,

	<p>impact reduction and early warning</p> <ul style="list-style-type: none"> • 15.1 By 2020, ensure the conservation, restoration and sustainable use of terrestrial and inland freshwater ecosystems and their services, in particular forests, wetlands, mountains and drylands, in line with obligations under international agreements • 15.4 By 2030, ensure the conservation of mountain ecosystems, including their biodiversity, in order to enhance their capacity to provide benefits that are essential for sustainable development • 16.8 Broaden and strengthen the participation of developing countries in the institutions of global governance • 17.14 Enhance policy coherence for sustainable development • 17.18 By 2020, enhance capacity-building support to developing countries, including for least developed countries and small island developing States, to increase significantly the availability of high-quality, timely and reliable data disaggregated by income, gender, age, race, ethnicity, migratory status, disability, geographic location and other characteristics relevant in national contexts
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2.2. GEF Core and Sub Indicators

GEF core or sub indicators targeted by the project as defined at CEO Endorsement/Approval, as well as results

Indicators	Targets - Expected Value			Materialized to date
	Mid-term	End-of-project	Total Target	
11- People benefitting from GEF-financed investments	6122		6000	A total of 6122 participants have benefitted in the Project since its inception of the Project. Capacity has been built through trainings, and participating in workshops and meetings. The beneficiaries include stakeholders who are part of Technical Reference Groups for different Outputs of the Project, communities, private sectors and relevant Government institutions.

Implementation Status 2023: 5th PIR

2.3. Implementation Status and Risks

	PIR#	Rating towards outcomes (section 3.1)	Rating towards outputs (section 3.2)	Risk rating (section 4.2)
FY 2024	5th PIR	S	S	S
FY 2023	4th PIR	S	MS	M
FY 2022	3rd PIR	U	MU	M
FY 2021	2nd PIR	MU	MS	L
FY 2020	1st PIR	MS	MS	L
FY 2019				
FY 2018				
FY 2017				
FY 2016				
FY 2015				

Summary of status

Update:

Component 1: Development of a coordinated environmental knowledge and information management system

Development of the Environmental Information System; Since this component is a shared responsibility between UNEP and DEA, subsequent to the UNEP mission to Botswana, on 19 August 2022, DEA wrote a letter to Early Warning and Assessments (formerly Science Division); UNEP requesting authority for the reallocation of USD 202, 500 to UNEP Africa Office to enable the execution of the activities under this component. UNEP Africa Office partnered with the Centre for Environment and Development for the Arab Region and Europe (CEDARE) to develop the Environmental Information System (EIS: <https://botswanaeis.net/>) and a prototype system has been developed by the CEDARE.

By the time for the last PIR reporting cycle, DEA and UNEP had collaborated with the NEIN in the organization of a national stakeholder consultation forum that finalized a situational analysis[1] on Botswana's environmental statistical and information systems, a process that culminated in the compilation and validation of a core list of 290 environmental indicators[2] based on the Framework for the Development of Environment Statistics (FDES 2013) and its Environment Statistics Self-Assessment Tool

(ESSAT) tool. By October 2023, CEDARE had incorporated these 290 FDES-based indicators into an Alpha EIS version for NEIN validation as outlined in this EIS design brief developed by CEDARE[3].

A regional EIS training workshop hosted by CEDARE in Cairo (9-11 October 2023) was attended by five representatives of the NEIN. These included Mr Ketlhoilwe Ketlhoilwe (an IT Manager, Ministry of Environment and Tourism -MET HQs), Mr Nonofu Mlandu and Mr Mothusi Calvin Mathe (both from MET Department of Environmental Affairs -DEA), Mr Emmanuel Phokoje (from the Department of Surveys and Mapping, Ministry of Lands and Water Affairs (DSM - MLWA) and Mr Kwashirai Chigodora (from Statistics Botswana). The main objective was for national experts to evaluate the Alpha EIS version proposed by CEDARE and provide inputs for its revision. Upon return to Botswana, this team conducted a workshop on the 22nd November 2023 to share the outcome, insight and experience on the training as well as solicit feedback on the prototype system. The team compiled a sheet of EIS prototype feedback[4] from the workshop which was shared with CEDARE for consideration in the system development process.

Following the incorporation of the NEIN feedback and FDES indicators into the revised EIS tool, the first national EIS training workshop was held from 11-14 March 2024 in Gaborone. The workshop brought together over 61 participants (56% male and 44% female) representing 25 institutions in Botswana, including the Statistics Botswana (the national statistics office), the Ministry of Environment and Tourism, the Department of Environmental Affairs, the Ministry of Land Management, Water and Sanitation Services, and the Ministry of Agriculture among others. The key objectives of the workshop were to (i) Introduce the EIS and its features to the NEIN and other relevant stakeholders, (ii) Build the capacity of participants to utilize the EIS for effective environmental data management, analysis, and reporting, (iii) Enhance coordination and collaboration among government agencies, non-state actors, and environmental stewards in leveraging the EIS system in environmental governance and (iv) Gather feedback and input from participants to inform the further development and operationalization of the Botswana EIS portal (<https://botswanaeis.net/>). A detailed EIS training report developed by UNEP that also summaries current progress around the delivery of the EIS and recommendations for future work is accessible from the link (https://drive.google.com/file/d/1AIZH3dUW2NgPe-odqvbMho7x40V10SJP/view?usp=drive_link). During this EIS training mission, the UNEP/ CEDARE team also participated in the Projects' Steering Committee (PSC) to provide EIS status updates to national stakeholders as documented in the PSC minutes accessible via this link (https://drive.google.com/file/d/19VptjGt9y65GIMEoLLpVHkQKJWOa31FL/view?usp=drive_link), as well as conducting a monitoring visit for a pilot EIS based project managed by the Department of Wildlife and Natural Parks (DWNP) on the digitization of MOMS[5] in Community Based Natural Resources Management (CBNRM) approaches around protected areas. Moreover, a YouTube training tutorial video[6] has been developed that provides an overview of all the EIS workspaces and modules for the NEIN and the general public (<https://www.youtube.com/watch?v=UFIRjTXfIE&list=PLqIumiiYDFOYTjWUy8KPp0HbFttBpIO2&index=6>).

The exercise to develop the SOER began in 2021 where the Ministry of Environment and Tourism (MET) through the Department of Environmental Affairs (DEA) partnered with UNEP Africa Office to produce the SOER. The Africa Office submitted the final version back to the DEA in October 2022. DEA briefed the then MET Executive on the 20th September 2022 and the finalized report was submitted to the Ministry on the same day for endorsement. Due to change of Management at the Ministry, the Department requested to brief the new MET Executive and subsequently wrote follow-up letters to the Ministry the latest one being the one written in November 2023, requesting the Ministry to approve and/or endorse the SOER. Upon approval and endorsement, the SOER will be publicized and launched nationally. Even to date, the Report has not been approved.

Formulation of a Protocol for national data collection, sharing and reporting: The DEA has had several engagements with Statistics Botswana who are the custodians of data in the Country and it has been realized that Botswana does not have a national Protocol on data collection, sharing and reporting. It has been decided that there is need to benchmark with other Countries who have such a Protocol so as the Team is informed as to the kind of document that needs to be formulated/developed.

Training on data collection and management methodologies: Two officers from the DEA participated at hands-on technical training on data visualization for national state of environment reporting which UNEP Africa Office in collaboration with George Mason University, Department of Geography, Washington DC organized from the 27th November - 5th December 2023. The overall objective of the training was to build capacity of National institutions in web based strategic packaging of environmental information for decision support using new and emerging technology for environmental change detection. The training was part of the capacity building programme being implemented by the UNEP to improve data availability through the digitalization of National State of Environment reporting process for evidence-based policy formulation. Component 2 – Enhancement of institutional and technical capacities to mainstream, develop, and utilize policies, plans and programmes for effective implementation of the Rio Conventions, other MEAs and relevant SDGs.

[1] Situational analysis report(s): https://drive.google.com/file/d/1elqSGclsRK_dw-51wrOoyQbtTuVrgbAr/view?usp=sharing

[2] Botswana core set of Environmental indicators: https://drive.google.com/file/d/1hNNavBysSShB4anI3ygAY-Pc6t_adRRU/view?usp=sharing

[3] Design brief, Botswana EIS reporting tool: https://drive.google.com/file/d/1MNK552GAfhEddu9P1xnJSDks_Fsy__Bj/view?usp=sharing

[4] Botswana NEIN EIS prototype feedback: https://drive.google.com/file/d/1yqtdV7jh1BYh-XuYQGFCOvnaXGY3l_mr/view?usp=drive_link

[6] YouTube training tutorial video for the EIS: <https://www.youtube.com/watch?v=UFIRjTXfIE&list=PLqlumiiYDFOYTjWUy8KPpolHbFttBpIO2&index=6>

Component 2 – Enhancement of institutional and technical capacities to mainstream, develop, and utilize policies, plans and programmes for effective implementation of the Rio Conventions, other MEAs and relevant SDGs

Output 2.1 Development of Strategic Environmental Assessment (SEA) Guidelines:

On the 16th January 2023 Ecosurv (Pty) Ltd commenced the activity to develop the SEA Guidelines and the consultants submitted different reports which were also considered by the Project Advisory Committee (PAC). A meeting was held on the 17th August 2023 where the PAC considered the revised SEA Guidelines report and approved it with raised comments. Furthermore, Ecosurv facilitated a three weeks long training for DEA staff, Sectors and Practitioners on 16 - 20 October 2023, 23 - 26 October 2023 and 6 - 10 November 2023, respectively. Meetings for DEA staff and Project Advisory Committee were held on the 8th and 9th February 2024 respectively

were the Draft Guidelines were interrogated further and key comments were raised and communicated to the Consultant accordingly. The Consultant together with DEA officers who have been trained as Trainer of Trainers, conducted nationwide trainings for local authorities (District Councils and Land Authorities) on the Draft SEA Guidelines from the 13th - 23rd May 2024. The Final Report and Training Report have been submitted to DEA by the Consultant for consideration by DEA and PAC for approval recommendation to PSC.

Output 2.2 Establishment of a national collaboration mechanism for the effective implementation of Rio Conventions, other relevant MEAs and related SDGs;

The process to develop the Multilateral Environmental Agreement (MEA) Strategy as a collaborative mechanism for the effective implementation of MEAs is being undertaken in-house mainly by the desk officers for different MEAs. The Draft Strategy was produced and the DEA held a meeting with MET MEA Coordinator on the 19th December 2023 to discuss way forward towards approval of the Draft Strategy. On the 4th March 2024, a Technical Reference Group (TRG) meeting was held where the Draft Strategy was presented and substantive comments were raised. A small Team was constituted to work on the comments and a working session for the said Team was held from the 6th - 10th May 2024 at Lobatse. The Team is still to present to TRG and a final decision will be made then.

Output 2.3 Pilots project with community organizations to demonstrate the application of an integrated approach to implement global environmental priorities;

MET engaged Sankuyo Tshwaragano Management Trust (STMT) to undertake an activity to pilot the digitization of Management Oriented Monitoring System from paper to e-based system. The Memorandum of Agreement (MoA) was signed by STMT on the 4th July 2023 and by the Department of Environmental Affairs on the 10th July 2023. Thereafter, a training on Quick Capture tool for the six escort guides from the Trust and officers from relevant institutions including DEA, was held on the 25th and 26th July 2023 in Maun by GIMS Botswana. It was during the said training when it was realized that Quick Capture tool does not capture other important information like species gender therefore GIMS Botswana was further engaged to develop Survey 123 tool to enable capturing of all the relevant information. A second training was held on the 12th September 2023 in Maun where data collectors were trained on Survey123. On the 13th September 2023, a site visit was undertaken at concession areas for the Trust where PMU and other relevant institutions familiarized themselves with the data collection area. The Trust commenced data collection for the pilot project on the 1st August 2023 and completed the exercise on the 31st October 2023 as per the signed MoA. On the 8th August 2023, an administration fee amounting to \$7420 (as per the signed MoA and implementation plan) was transferred to the Trust bank account to enable day to day running of activities during data collection period. Furthermore, on the 27th September, \$1572 was transferred to the Trust as monthly allowance for the six escort guides for a period of three months. Two DEA officers and GIMS Botswana consultant conducted regular checks for the Trust to ensure and verify that data collection is being conducted, and in an accurate manner. A project closure meeting was held on the 2nd November 2023 in Maun where the Trust presented in detail achievements and challenges but the meeting did not achieve its main intended objective which was the sustainability of MOMS digitization by the Department of Wildlife & National Parks. There was a UNEP Mission on the 15th March 2024 at Sankuyo Village where UNEP representatives had an opportunity to appreciate the work that the Trust executed. Presentations were made by relevant authorities and the Trust and achievements and challenges were shared. Furthermore, a site visit to the data collection areas was undertaken. Moreover, on the 27th June 2024, a project closure meeting was successfully held and lessons learnt were documented and lessons learnt were documented and they will be distributed to decision makers and relevant stakeholders once they have been presented to and approved by the DEA and Department of Wildlife and National Parks Management.

The data collected is housed under Esri database centre which is a web/cloud based system. The data will be transferred to the EIS once it is functional. Note that the Botswana Wildlife Monitoring Platform is currently not working.

Output 2.4 Conducting of Environmental Education for Sustainable Development and awareness raising activities;

This activity targets environmental education for sustainable development and awareness raising activities with particular emphasis on the domestication of the Nagoya Protocol. The Ministry of Environment and Tourism signed a Memorandum of Agreement with University of Botswana (Centre for Scientific Research, Indigenous Knowledge and Innovation – CesrIKi) for the latter to raise awareness on Nagoya Protocol. A team comprising of CesrIKi and DEA officers administered questionnaires to community leaders across the country to establish baseline on existing awareness on Nagoya Protocol, from the 16th October to the 10th November 2023. District areas that were covered are Moshupa, Thamaga, Gantsi, Tsabong, Letlhakeng and Chobe. Another exercise was undertaken from the 27th November – 15th December 2023 where the team raised awareness by presenting to Full Council sessions for North East, Tutume, Bobirwa, Mahalapye, Serowe, Molepolole and Kanye Districts. The presentation targeted political leaders who are members of these different Councils.

From the 30th April to the 29th May 2024, workshops were conducted in different Districts to raise awareness on the Nagoya Protocol. The workshops were conducted by the DEA, CesrIKi and other institutions like the Department of Wildlife & National Parks, Department of Forestry & Range Resources and MET Research Unit. The target groups included the Tribal Administration authorities, Village Development Committees and Community Trusts.

Output 2.5 Development of Sustainability Strategy;

The PMU had a working session on the 28th June 2024 to draft the Sustainability Strategy for the CCCD Project. A Draft has been produced and it is still work in progress and it will be presented to DEA Management once it has been completed.

Project Steering Committee meeting;

A successful Project Steering Committee (PSC) meeting was held on the 13th March 2024 where project progress and expenditure were presented to the Committee. Achievements and challenges were discussed and recommendations were brought forth. Key to note was the delay in the approval of the SOER which has long been submitted to the Ministry. The workplan and budget revisions for the year 2024 were approved by the PSC.

Challenges:

Delay in the approval of SOER;

Environmental data is time-sensitive and the information compiled in the SOER is becoming increasingly outdated. This undermines the Report's relevance and accuracy, potentially impacting decision making process that rely on current data. The Report was to inform the development of National Development Plan 12, for which the process is currently on-going and if the Report is not approved, it may not be of relevance in terms of informing decision making.

Merging of the DEA and Department of Waste Management & Pollution Control;

Effective 1st April 2024, the DEA merged with the Department of Waste Management & Pollution Control to become Department of Environmental Protection and the merging process which is still on-going has affected the execution of the work plan and budget. The planned activities were postponed several times and this has led to very low expenditure rate during Quarter 2 (April - May 2024).

2.4 Co Finance

Planned Co-finance:	\$ 1,200,000
Actual to date:	420,505
Progress	Justify progress in terms of materialization of expected co-finance. State any relevant challenges: The co-finance for this reporting period is salaries for PMU officers, administrative support (Director and DEA Administration officer), subsistence allowance for DEA and Government employees participating in the CCCD Project meetings, workshops and trainings, office rental and payment of utilities (electricity, water, wifi, telecommunications).

2.5. Stakeholder

Date of project steering committee meeting	2024-03-13
Stakeholder engagement (will be uploaded to GEF Portal)	<ul style="list-style-type: none"> • 11-12 July 2023 – PMU meeting to prepare CCCD Project reports which were due for submission at UNEP; • 25-26 July 2023 – Training on Quick capture (MOMS digitization tool) for Sankuyo Tshwaragano Management Trust escort guides and relevant stakeholders; • 17 August 2023 – Project Advisory Committee meeting to consider the Draft SEA Guidelines; • 12 September 2023 – Training on Survey123 tool (MOMS digitization tool) training for Sankuyo Tshwaragano Management Trust escort guides and relevant stakeholders; • 13 September 2023 – site visit to Sankuyo for the PMU and stakeholders to familiarise themselves with the data collection area, for MOMS digitization; • 14 September 2023 – virtual meeting between the DEA and UNEP where the new Project Manager was introduced and, discuss pending issues like approval of SOER and the next PSC meeting; • 9-11 October 2023 – training of five NEIN members on the EIS prototype at Cairo, Egypt; • 16 October-10 November 2023 & 27 November – 15 December 2023 – exercise to undertake the baseline on the awareness of Nagoya Protocol; • 16-20 October 2023 – Training for DEA staff on the Draft SEA Guidelines; • 23-26 October 2023 – Training for sectors on the Draft SEA Guidelines; • 2 November 2023 – MOMS digitization project closure meeting; • 6-10 November 2023 – Training for Environmental Assessment Practitioners on SEA Guidelines; • 22 November 2023 – Workshop was held where the EIS concept/prototype was presented to the National Environmental Information Network; • 27 November-5 December 2023 – Hands-on technical training for two officers on data visualization for national state of environment reporting; • 19 December 2023 – Meeting between DEA and MET MEA Coordination Unit to discuss the Draft MEA Strategy; • 8 February 2024 – DEA staff meeting to consider the Draft SEA Guidelines; • 9 February 2024 – Project Advisory Committee meeting to consider the Draft SEA Guidelines meeting; • 4 March 2024 – Technical Reference Group meeting to consider the Draft MEA Strategy; • 29 February 2024 – Meeting to prepare for UNEP Mission to Sankuyo; • 11, 12, 14 March 2024 – EIS prototype training for National Environmental Information Network;

	<ul style="list-style-type: none"> • 13 March 2024 – Project Steering Committee meeting to discuss project progress and the 2024 work plan and budget; • 30 April 2024 – National environmental Education Committee meeting to consider the Draft Baseline Report for raising awareness on the ongoing domestication of Nagoya Protocol; • 6-10 May 2024 – working session for the Draft MEA Strategy; • 7,8,14,16,23,29 May & 4 June 2024 – workshops for raising awareness on the ongoing domestication of Nagoya Protocol; • 13-23 May 2024 – Trainings for Local Authorities on the Draft SEA Guidelines; • 27 June 2024 – Project closure meeting for MOMS digitization and, • 28 June 2024 – Working session for the drafting of the CCCD Project Sustainability Strategy; <p>Stakeholders that have been engaged include Ministry of Environment & Tourism, Ministry of Foreign Affairs, Ministry of Minerals & energy; Ministry of Foreign Affairs, Ministry of Local Government, National Planning Commission, Departments of Wildlife & National Parks; Tourism; Forestry & Range Resources; Meteorological Services; National Museum & Monuments; Town & Country Planning; Crop Production, Animal Production; Aquaculture & Apiculture; Building Infrastructure Planning; Water & Sanitation; Surveys & Mapping, Botswana Wildlife Training Institute, Lands; University of Botswana (CesrIKi); Departments of Biological Sciences and Environmental Sciences; Environmental Assessment Practitioners Board, Botswana Power Cooperation, Ministry of Education Colleges of Education, District Councils, land Authorities, Botswana Council of Non-Governmental Organizations, Botswana Community Based Organizations Network, Ecosurv (Pty) Ltd, GIMS Botswana; Statistics Botswana; Special Economic Zone Authority; Business Botswana;</p>
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2.6. Gender

Does the project have a gender action plan?	No
Gender mainstreaming (will be uploaded to GEF Portal):	Though the Project does not have a Gender Action Plan, a total of 868 people have benefitted from the CCCD Project through workshops, meetings and training. Of that total, 486 (56%) are males and 382 are females.(insert % of males and females). There is gender imbalance in PMU as there is 1 female and 5 males.

2.7. ESSM

Moderate/High risk projects (in terms of Environmental and social safeguards)	Was the project classified as moderate/high risk CEO Endorsement/Approval Stage? No If yes, what specific safeguard risks were identified in the SRIF/ESERN?
New social and/or environmental risks	Have any new social and/or environmental risks been identified during the reporting period? No If yes, describe the new risks or changes?
Complaints and grievances related to social and/or environmental impacts	Has the project received complaints related to social and/or environmental impacts (actual or potential) during the reporting period? No If yes, please describe the complaint(s) or grievance(s) in detail, including the status, significance, who was involved and what actions were taken?
Environmental and social safeguards management	Given the Project's focus on building core capacity for the implementation, monitoring and reporting of MEAs and relevant Sustainable Development Goals, our activities are primarily educational and administrative. As such, there are no direct on-the-ground interventions that could impact the environment or local communities. Nonetheless, we have always been committed to upholding the highest standards of environmental and social responsibility in our operating spaces. This includes promoting best practices, fostering stakeholder engagement and ensuring that all training and capacity-building activities are inclusive and equitable.

2.8. KM/Learning

Knowledge activities and products	There was no procurement of branded material during this reporting period.
Main learning during the period	During this reporting period, the PMU has gained significant insights and practical experience in various aspects of project management. Despite not having formal training in project management, our Team has successfully navigated the complexities of coordinating and overseeing the CCCD Project. One notable achievement has been our proficiency in financial reporting. Although our primary expertise lies in technical domains, we have effectively managed the financial aspects of the Project demonstrating our ability to adapt and acquire new skills. This experience has not only enhanced our project management capabilities but also built our confidence in handling diverse responsibilities. This knowledge and skills gained in project coordination, stakeholder engagement and financial management will be invaluable for the continued success of this Project and future initiatives.

2.9. Stories

Stories to be shared	Throughout the course of the Project, every engagement whether in meetings, workshops or training sessions, has provided an opportunity to highlight the CCCD Project and its significance. We consistently made detailed presentations showcasing the Project's funders, its core components and the key deliverables for each. These presentations emphasized the overarching goal of the Project and how it aligns with Botswana's global commitments through the ratification of various MEAs. This approach not only raised awareness about the Project's objectives and progress but also reinforced Botswana's dedication to fulfilling its international environmental commitments. These engagements have been instrumental in fostering a deeper understanding and appreciation of the Project's impact among stakeholders and participants.
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3 Performance

3.1 Rating of progress towards achieving the project outcomes

Project Objective and Outcomes	Indicator	Baseline level	Mid-Term Target or Milestones	End of Project Target	Progress as of current period (numeric, percentage, or binary entry only)	Summary by the EA of attainment of the indicator & target as of 30 June	Progress rating
To strengthen national capacity for environmental information and knowledge management for the implementation, monitoring and reporting of Multilateral Environmental Agreements (MEAs) and relevant Sustainable Development Goals (SDGs) in Botswana	Completeness and accuracy of environmental data.	limited capacity, distribution of roles and responsibilities and data availability hampers effective and inclusive environmental information and knowledge management. Consequently, implementation, monitoring and reporting of MEAs and relevant SDGs is still substandard	50 % of relevant stakeholders capacitated on MEA implementation, monitoring and reporting	Improved capacities for environmental information & knowledge management for the implementation, monitoring & reporting of MEAs and relevant SDGs.	70%	During the reporting period, the UNEP Africa office backstopped Botswana’s NEIN integration of priority indicators into its first EIS tool (https://botswanaeis.net/) under development. A regional EIS training workshop jointly organised by UNEP and CEDARE in Cairo (19 – 11 October 2023) and attended by five NEN member agencies. The main objective was for national experts to evaluate the Alpha EIS version proposed by CEDARE and provide inputs for its revision. Upon return to Botswana, this team conducted a workshop on the 22nd November 2023 to share the outcome, insight and experience on the training. This meeting compiled EIS prototype feedback which was shared with CEDARE for consideration in the system development process. Following the incorporation of the NEIN feedback and FDES indicators into the revised EIS tool, the first national EIS training workshop was held from	S

Project Objective and Outcomes	Indicator	Baseline level	Mid-Term Target or Milestones	End of Project Target	Progress as of current period(numeric, percentage, or binary entry only)	Summary by the EA of attainment of the indicator & target as of 30 June	Progress rating
						<p>11-14 March 2024 in Gaborone. The workshop brought together over 61 participants (56% male and 44% female) representing 25 institutions in Botswana. This training workshop was meant to introduce the EIS and its features to the NEIN and other relevant stakeholders and build the capacity of participants to utilize the EIS for effective environmental data management, analysis, and reporting. A detailed EIS training report that also summarizes current progress around the delivery of the EIS and recommendations for future work is accessible from the link (https://drive.google.com/file/d/1AIZH3dUW2NgPe-odqvbMho7x40V10SJP/view?usp=drive_link). During this EIS training mission, the UNEP/ CEDARE team also participated in the Projects' Steering Committee (PSC) to provide EIS status updates to national stakeholders as documented in the PSC minutes accessible via this link (https://drive.google.com/file/d/19VptjGt9y65GIMEoLLpVHkQKJWOa31FL/view?usp=drive_link), as well as conducting a monitoring visit for a pilot EIS based project managed by the DWNP on the</p>	

Project Objective and Outcomes	Indicator	Baseline level	Mid-Term Target or Milestones	End of Project Target	Progress as of current period(numeric, percentage, or binary entry only)	Summary by the EA of attainment of the indicator & target as of 30 June	Progress rating
						<p>digitization of MOMS in Community Based Natural Resources Management (CBNRM) approaches around protected areas. Moreover, a YouTube training tutorial video has been developed that provides an overview of all the EIS workspaces and modules for the NEIN and the general public (https://www.youtube.com/watch?v=UFIRjTXfIE&list=PLqIumiiYDFOYtjWUy8KPPolHbFttBpIO2&index=6). In December 2023, the UNEP Africa Office collaborated with the Environmental Science and Technology Center (ESTC) at the George Mason University (GMU) in the United States, to organise a one week training workshop on mapping and monitoring natural resources of Africa using remote sensing and GIS data, attended by four technical experts from Botswana (Ms. Senikiwe Faith Tsile, and Mr. Phillip Sandawana), Senegal and Egypt. This training is part of a series aimed at gathering and analyzing country-specific satellite imagery for feeding into a Natural Capital Atlas for Africa report requested by AMCEN and being jointly developed by UNEP Africa Office and the African Development Bank (AFDB). The objectives of the training</p>	

Project Objective and Outcomes	Indicator	Baseline level	Mid-Term Target or Milestones	End of Project Target	Progress as of current period(numeric, percentage, or binary entry only)	Summary by the EA of attainment of the indicator & target as of 30 June	Progress rating
						<p>were:(i) To identify and gather hotspots and background data for supporting storylines for each Country including, where possible, field photographs and factual textual information.(ii) To search and compile a list of high-quality time series satellite images from various sensors for selected hotspots and data download.(iii) Professional design of illustrations, maps, tables and other graphs and figures.(iv) Change pairs analysis, including reviewing scientific literature and writing storylines.(v) Standardization of change pair satellite image characteristics, improving the image stretching, creation, and overlay of locators.The Natural Capital Atlas for Africa report aims at creating an extensive inventory of Africa's natural resources, assess environmental change drivers, evaluate impacts on communities, and promote sustainable, nature-based resource management. The workshop's focus on mapping and monitoring natural resources using remote sensing and GIS data directly supported the Atlas's objectives. By</p>	

Project Objective and Outcomes	Indicator	Baseline level	Mid-Term Target or Milestones	End of Project Target	Progress as of current period(numeric, percentage, or binary entry only)	Summary by the EA of attainment of the indicator & target as of 30 June	Progress rating
						equipping participants with advanced tools and techniques for data collection and analysis, the training ensured that the Atlas would be underpinned by accurate, up-to-date, and region-specific environmental data, enhancing its effectiveness as a decision-making tool for sustainable development across Africa.Botswana NEIN EIS prototype feedback: https://drive.google.com/file/d/1yqtdV7jh1BYh-XuYQGFCOvnaXGY3l_mr/view?usp=drive_link	
	Completeness and quality of MEA reports	Lack of a SOER & MEA framework for reporting causes irregular reporting.	50 % of relevant stakeholders capacitated on MEA implementation, monitoring and reporting	Botswana meets its SOER & MEA and SDG reporting requirements.	80	The working session which was held on the 6 - 10 May 2024 to improve the Draft MEA Strategy as a collaborative mechanism will ensure the completeness and quality of MEA reports. This Strategy will foster synergies and coordination among various among environmental initiatives, strengthening the effectiveness of MEA implementation.Production of the State of Environment Report-SOER 2022 finalised, now awaiting official approval, launch and dissemination (https://drive.google.com/file/d/1MGk_vn0iRJFTfE6uzJMN5xwZjk2BvoTT/view?usp=sharing)	S

Project Objective and Outcomes	Indicator	Baseline level	Mid-Term Target or Milestones	End of Project Target	Progress as of current period(numeric, percentage, or binary entry only)	Summary by the EA of attainment of the indicator & target as of 30 June	Progress rating
	Botswana performance on environmental indicators	Limited capacity, distribution of roles and responsibilities and data availability hampers effective and inclusive environmental information and knowledge management. Consequently, implementation, monitoring and reporting of MEAs and relevant SDGs is still substandard. Lack of a SOER & MEA framework for reporting causes irregular reporting.	50 % of relevant stakeholders capacitated on MEA implementation, monitoring and reporting	Over time Botswana's performance against environmental indicators will improve due to better MEA implementation.	85	Once the EIS is operational and the MEA Strategy is in effect, Botswana's performance on environmental indicators will be enhanced, providing a comprehensive and accurate reflection of the country's environmental status and progress. Botswana continues to shine globally as a champion for environmental conservation and sustainability despite being among the most vulnerable to the global climate change crises since its one of the driest Arid and Semi-Arid Countries on earth. For example, the Country emerged 3rd best overall in Africa and 66th globally among 245 nations and territories reviewed in the Environmental Performance Index 2024 report (https://epi.yale.edu/country/2024/BWA)	S
A system for the management	SOER report compiled by	Environmental	Established	The established	95	A MEA Coordination Unit was established	0

Project Objective and Outcomes	Indicator	Baseline level	Mid-Term Target or Milestones	End of Project Target	Progress as of current period(numeric, percentage, or binary entry only)	Summary by the EA of attainment of the indicator & target as of 30 June	Progress rating
of environmental information and knowledge is fully operational for use in decision-making, assessment, planning and reporting.	the established Coordination Unit by end of project.	information is incomplete and scattered. Data flow is limited and unregulated.	Coordination unit	system (including the list of priority indicators, and the Coordination Unit) enable users to produce better MEA, SDG & SOE reports and to identify and close data gaps.		at the Ministry of Environment and Tourism in 2021. The MEA Coordinator was appointed on the March 1 2024 and an officer has been redeployed from the DEA to work at the MEA Coordination Unit effective June 7 2024. There is still need to have discussions with MET Management on the functionality structure on the MEA Coordination Unit.Production of the State of Environment Report-SOER 2022 finalised, now awaiting official launch and dissemination (https://drive.google.com/file/d/1MGk_vn0iRJFTfE6uzJMN5xwZjk2BvoTT/view?usp=sharing). Moreover, SOER production workflows have now been digitized as part of the Integrated Environmental Assessments (IEA) module of the EIS portal (Ref: EIS tutorial: https://drive.google.com/file/d/17nIcxDLnnK2oef3wFGrAPOGSlcg9ZRa_/view?usp=drive_link)	
	EIS with complete and updated data entry is operational.	Environmental information is incomplete and scattered. Data flow is limited and	Training on data collection started. Indicators identified	Stocktaking activities will be concluded by the end of year.By mid-point the	90%	As of today, the project supported MET to(a) Coordinate the establishment of the National Environment Information Network (NEIN: https://drive.google.com/file/d/1QVkJjssLIXQLd1qJ5VHlg_LQUQR9ZBAi/view?usp=drive	0

Project Objective and Outcomes	Indicator	Baseline level	Mid-Term Target or Milestones	End of Project Target	Progress as of current period(numeric, percentage, or binary entry only)	Summary by the EA of attainment of the indicator & target as of 30 June	Progress rating
		unregulated.		Coordination Unit will be established, indicators identified and training on data collection will have started.		<p>_link). (b) Leverage NEINs partnership for the organisation of national data collection and FDES 2013 framework training meeting that resulted in the compilation of a core set of 290 environmental indicators based on the FDES Environment Statistics Self-Assessment Tool (ESSAT) tool.</p> <p>(c) Leverage NEIN partnership in the development of a Beta EIS version (https://botswanaeis.net/) for which the first national training meeting was finalised in March 2024 (https://drive.google.com/file/d/1AIZH3dUW2NgPe-odqvbMho7x40V10SJP/view?usp=drive_link). The NEIN continues to collaborate with CEDARE in its finalisation and deployment. Five NEIN members were trained on the EIS prototype at Cairo, Egypt on the 7-9 October 2023. Two officers participated at Hands-on technical training on data visualization for national state of environment reporting from 27 November-5 December 2023.</p>	
Enhanced capacities to develop and implement policies, plans and programmes integrating MEAs and related SDGs	% of SEA reports follow standardized guidelines.	Plans and programmes are developed but not	SEA Guidelines developed.	100% of SEAs follow standardized guidelines.	95	The Project Advisory Committee (PAC) meeting was held on the 17 August 2023 where the Consultant presented the Draft SEA Guidelines and they were approved	0

Project Objective and Outcomes	Indicator	Baseline level	Mid-Term Target or Milestones	End of Project Target	Progress as of current period(numeric, percentage, or binary entry only)	Summary by the EA of attainment of the indicator & target as of 30 June	Progress rating
		implemented and do not often have an integrated approach.				with comments. The Consultant trained different stakeholders on the developed SEA Guidelines and the trainings were held as follows; DEA staff (16-20 October 2023), sectors training (23-26 October 2023) and Environmental Assessment Practitioners (6-10 November 2023). In preparation for the PAC meeting, the DEA staff had a meeting to interrogate the work undertaken by the Consultant on the 8 February 2024 and on the 9 February 2024 another PAC meeting was held and it was decided that the Consultant should undertake nationwide trainings for Local Authorities and the trainings were held on the 13 - 23 May 2024 by both the Consultant and DEA officers who have been trained as trainer of trainers. The Consultant has submitted both the Final SEA Guidelines, Training Report and Training Manual to the DEA.	
	% of decision made within the MEA Collaboration Committee have taken major groups' contribution into account.	Existing environmental policy lacks enforcement due to limited capacity.	50% of decisions made in the committee are inclusive of major groups' voices.	100% of decisions made in the committee are inclusive of major groups' voices.	80	The developed MEA Strategy has a Communication Plan which speaks to all the relevant stakeholders who are key in implementation and reporting of MEAs that Botswana is party to. The Communication Plan spells out how communication will be enhanced and the	0

Project Objective and Outcomes	Indicator	Baseline level	Mid-Term Target or Milestones	End of Project Target	Progress as of current period(numeric, percentage, or binary entry only)	Summary by the EA of attainment of the indicator & target as of 30 June	Progress rating
						forums that will be used to reach out to all major groups.	
	% of new PPPs that integrate MEAs and SDGs.	There is little awareness on SEA and no standardised guidelines within the Competent Authority and among environmental practitioners, hence the lack of integration of MEAs and SDGs at PPP level.	50 % of new PPPS integrate MEAs and SDGs.	90% of new PPPs integrate MEAs and SDGs.	50%	As the SEA Guidelines are not yet in effect, it is still early to determine if new PPPs are effectively integrating MEAs and SDGs. We will be able to assess this integration more accurately once the SEA Guidelines are implemented and begin informing the development of new PPPs.	0
A system for the management of environmental information and knowledge is fully operational for use in decision-making, assessment, planning and reporting.	% of required MEA reports submitted.	Environmental information is incomplete and scattered. Data flow is limited and unregulated.	100% of required MEA reports submitted.	100% of required MEA reports submitted.		Though the Environmental System is not yet functional, MEA Reports are still being submitted to Secretariats of relevant Conventions because its an obligation to do so.	0

3.2 Rating of progress implementation towards delivery of outputs (Implementation Progress)

Component	Output/Activity	Expected completion date	Implementation status as of previous reporting period (%)	Implementation status as of current reporting period (%)	Progress rating justification, description of challenges faced and explanations for any delay	Progress Rating
1 A system for the management of environmental information and knowledge is fully operational for use in decision-making, assessment, planning and reporting	Output 1.1: A comprehensive analysis conducted of Botswana's current environmental information systems and data flows Fill					
	Activity 1.1.1: Conduct a situational analysis and an inventory of Botswana's current EIS and data flows.	2023-03-31	90	100	The Activity was completed during the 2023 reporting period.	
	Activity 1.1.2: Develop and agree on an Action Plan based on the analysis with stakeholders.	2023-03-31	90	100	The Activity was completed in the 2023 reporting period.	
	Activity 1.1.3: Review of the current EIS based on the analysis to inform Output 1.5	2023-03-31	85	100	The Activity was completed in the 2023 reporting period.	
	Output 1.2: A mechanism for streamlining data collection and sharing established among line Ministries and Agencies, in line with shared Environmental Information Systems principles					
	Activity 1.2.1: Reorganise DEA to facilitate data collection and sharing among key line Ministries and compilation of the State of the	2022-12-31	70	100	The functional structure for the new Department of Environmental Protection	

Component	Output/Activity	Expected completion date	Implementation status as of previous reporting period (%)	Implementation status as of current reporting period (%)	Progress rating justification, description of challenges faced and explanations for any delay	Progress Rating
	Environment Report (SoER).				has a Division which will be responsible for environmental management and reporting which includes reporting on the state of the Environment.	
	Activity 1.2.2: Review existing frameworks on data collection and sharing, as a blueprint for a Protocol for national data collection, sharing and reporting.	2024-06-30	20	90	The frameworks have been reviewed and a Draft Protocol has been produced.	
	Activity 1.2.3: Conduct a national dialogue on the formulation of a Protocol for national data collection, sharing and reporting.	2024-06-30	10	40	A work in progress draft Data Collection, Sharing and Reporting Protocol has been developed.	
	Activity 1.2.4: Effect the Protocol (Activity 1.2.3)	2024-06-30	10	20	The Protocol will be effected once the Draft has been finalized and approved.	
	Output 1.3 Definition of nationally appropriate Environmental Indicators (number to be determined) based on MEAs, SDGs and other sources for use in different reporting and assessment processes. This will include analysis of the relevant public policies and consultations with the different sectors.		85	100	Compilation and validation of a core set of 290 environmental indicators based on the FDES 2013 ESSAT tool finalised in the previous reporting period. https://drive.google.com/file/d/1zEoEa1EyADol2OXnKV76FEfoJE8RnV3m/view	
	Activity 1.3.1: Review and improve/ update the existing environmental Indicator Framework.	2022-12-31	85	100	Core set of 290 environmental indicators based on the FDES Environment Statistics Self-Assessment Tool (ESSAT) tool.	
	Activity 1.3.2: Analysis of the relevant Public Policies in consultation with the different sectors in order to amend the Indicator Framework.	2023-03-31	85	90	The Indicator Framework will be validated after the EIS has been redeployed to Botswana by November 2024.	
	Activity 1.3.3: Complete list of actionable / prioritised national environmental indicators for MEA's, SDG's and national SOER reporting, and approve it.	2023-12-31	85	90	Compilation and validation of a core set of 290 environmental indicators based on the FDES 2013 ESSAT tool finalised in the previous reporting period.	

Component	Output/Activity	Expected completion date	Implementation status as of previous reporting period (%)	Implementation status as of current reporting period (%)	Progress rating justification, description of challenges faced and explanations for any delay	Progress Rating
	Activity 1.3.4: Prepare and produce a SOER based on the newly approved Indicator Framework	2022-12-31	85	95	The State of Environment & Outlook Report was prepared and finalized in September 2022. The report is still awaiting approval by the Ministry Management. The Department continues to make follow ups for the report to be approved, and launched.	
	Output 1.4: Training on data collection and management methods, including UNEP Live Platform				During the reporting period, the UNEP Africa office backstpped Botswana's NEIN integration of priority indicators into its first EIS tool (https://botswanaeis.net/) under development. A regional EIS training workshop jointly organised by UNEP and CEDARE in Cairo (19 – 11 October 2023) and attended by five NEN member agencies. The main objective was for national experts to evaluate the Alpha EIS version proposed by CEDARE and provide inputs for its revision. Upon return to Botswana, this team conducted a workshop on the 22nd November 2023 to share the outcome, insight and experience on the training. This meeting compiled EIS prototype feedback which was shared with CEDARE for consideration in the system development process. Following the incorporation of the NEIN feedback and FDES indicators into the revised EIS tool, the first national	

Component	Output/Activity	Expected completion date	Implementation status as of previous reporting period (%)	Implementation status as of current reporting period (%)	Progress rating justification, description of challenges faced and explanations for any delay	Progress Rating
					<p>EIS training workshop was held from 11-14 March 2024 in Gaborone. The workshop brought together over 61 participants (56% male and 44% female) representing 25 institutions in Botswana. This training workshop was meant to introduce the EIS and its features to the NEIN and other relevant stakeholders and build the capacity of participants to utilize the EIS for effective environmental data management, analysis, and reporting. A detailed EIS training report that also summarizes current progress around the delivery of the EIS and recommendations for future work is accessible from the link (https://drive.google.com/file/d/1AIZH3dUW2NgPe-odqvbMho7x40V10SJP/view?usp=drive_link). During this EIS training mission, the UNEP/ CEDARE team also participated in the Projects' Steering Committee (PSC) to provide EIS status updates to national stakeholders as documented in the PSC minutes accessible via this link (https://drive.google.com/file/d/19VptjGt9y65GIMEoLLpVHkQKJWOa31FL/view?usp=drive_link), as well as conducting a monitoring visit for a pilot EIS based project managed by the DWNP on the</p>	

Component	Output/Activity	Expected completion date	Implementation status as of previous reporting period (%)	Implementation status as of current reporting period (%)	Progress rating justification, description of challenges faced and explanations for any delay	Progress Rating
					<p>digitization of MOMS in Community Based Natural Resources Management (CBNRM) approaches around protected areas. Moreover, a YouTube training tutorial video has been developed that provides an overview of all the EIS workspaces and modules for the NEIN and the general public (https://www.youtube.com/watch?v=UFIRjTXfIE&list=PLqlumiiYDFOYTjWUy8KPpoIHbFttBpIO2&index=6). In December 2023, the UNEP Africa Office collaborated with the Environmental Science and Technology Center (ESTC) at the George Mason University (GMU) in the United States, to organise a one week training workshop on mapping and monitoring natural resources of Africa using remote sensing and GIS data, attended by four technical experts from Botswana (Ms Senikiwe Faith Tsile, and Mr Phillip Sandawana), Senegal and Egypt. This training is part of a series aimed at gathering and analyzing country-specific satellite imagery for feeding into a Natural Capital Atlas for Africa report requested by AMCEN and being jointly developed by UNEP Africa Office and the African Development Bank (AFDB). The objectives of the training were:(vi) To identify and gather</p>	

Component	Output/Activity	Expected completion date	Implementation status as of previous reporting period (%)	Implementation status as of current reporting period (%)	Progress rating justification, description of challenges faced and explanations for any delay	Progress Rating
					<p>hotspots and background data for supporting storylines for each Country including, where possible, field photographs and factual textual information.(vii) To search and compile a list of high-quality time series satellite images from various sensors for selected hotspots and data download.(viii) Professional design of illustrations, maps, tables and other graphs and figures.(ix) Change pairs analysis, including reviewing scientific literature and writing storylines,(x) Standardization of change pair satellite image characteristics, improving the image stretching, creation, and overlay of locators.The Natural Capital Atlas for Africa report aims at creating an extensive inventory of Africa's natural resources, assess environmental change drivers, evaluate impacts on communities, and promote sustainable, nature-based resource management. The workshop's focus on mapping and monitoring natural resources using remote sensing and GIS data directly supported the Atlas's objectives. By equipping participants with advanced tools and techniques for data collection</p>	

Component	Output/Activity	Expected completion date	Implementation status as of previous reporting period (%)	Implementation status as of current reporting period (%)	Progress rating justification, description of challenges faced and explanations for any delay	Progress Rating
					and analysis, the training ensured that the Atlas would be underpinned by accurate, up-to-date, and region-specific environmental data, enhancing its effectiveness as a decision-making tool for sustainable development across Africa.	
	Activity 1.4.1: Identify training needs on data collection and management methods, including use of the UNEP Live and the Indicator Reporting Information System (IRIS).	2022-12-31	15	70	Two hands-on trainings (for a total of three officers) on remote sensing and data visualisation were held on June 26 - July 2023 and, on 27 November - 5 December 2023, both held at George Mason University, Washington DC, USA.	
	Activity 1.4.2: Develop a Capacity Development Plan for key stakeholders on environmental statistics (data collection, sharing and management).	2022-12-31		100	The EIS design workplan has been developed highlighting training needs: https://drive.google.com/file/d/1SadZw4dbDIJiapl2e900BsMNqdCll1KF/view?usp=drive_link	
	Activity 1.4.3: Conduct specific training tailored to target groups.	2024-06-30	15	70	Two hands-on trainings (for a total of three officers) on remote sensing and data visualisation were held on June 26 - July 2023 and, on 27 November - 5 December 2023, both held at George Mason University, Washington DC, USA. Furthermore, a training was held for the NEIN on the EIS prototype on the 11, 12 and 14 March 2024.	
	Output 1.5: Streamlined indicator-based monitoring and reporting system (EIS) established [Average score = 50%]					

Component	Output/Activity	Expected completion date	Implementation status as of previous reporting period (%)	Implementation status as of current reporting period (%)	Progress rating justification, description of challenges faced and explanations for any delay	Progress Rating
	Activity 1.5.1: Make an informed decision based on Output 1.1 and develop ToR on system design.	2022-12-31	100	100	Reported in the previous reporting period.	
	Activity 1.5.2: (Re-)development of the EIS.	2024-12-31	20	80	NEIN and DEA decided to redevelop a new EIS based on the FDES 2013 and other indicators.	
	Activity 1.5.3: Integrate Indicator Framework (Output 1.3) into the EIS.	2024-12-31	50	100	Core set of 290 FDES 2013 indicators (https://drive.google.com/file/d/1RDT63MHSgzIKZhHQHI-iBHVfYJDQJxIK/view?usp=drive_link) are now integrated into the EIS portal (https://botswanaeis.net/).The database and indicator reporting function of the EIS are now fully functional. More functionalities to be incorporated as recommended by the NEIN during the March 2024 EIS training report (https://drive.google.com/file/d/1AIZH3dUW2NgPe-odqvbMho7x40V10SJP/view?usp=drive_link).	
	Activity 1.5.4: Training on EIS and IRIS	2024-12-31	30	50	Multiple data collection, management and reporting trainings conducted for the NEIN and other stakeholders in the last 4 years including:- Two GIS/ Remote sensing meetings in the US, -Two regional meetings in Cairo and Nairobi- Three national meetings in Gaborone for the NEIN as well as the Sankuyo Trust which applied same knowledge to design a CBNRM data capture tool used to collect data for the	

Component	Output/Activity	Expected completion date	Implementation status as of previous reporting period (%)	Implementation status as of current reporting period (%)	Progress rating justification, description of challenges faced and explanations for any delay	Progress Rating
					digitization of MOMS etc	
2 Enhanced capacities to develop and implement policies, plans and programmes integrating MEAs and related SDGs	Output 2.1: Enhanced capacities to develop and implement policies, plans and programmes integrating MEAs and related SDGs					
	Activity 2.1.1: Develop SEA guidelines for policies, programmes and plans.	2023-03-31	60	95	On the 16th January 2023 Ecosurv (Pty) Ltd commenced the activity to develop the SEA Guidelines and the consultants submitted different reports which were also considered by the Project Advisory Committee (PAC). A meeting was held on the 17th August 2023 where the PAC considered the revised SEA Guidelines report and approved it with raised comments. Furthermore, Ecosurv facilitated a three weeks long training for DEA staff, Sectors and Practitioners on 16 - 20 October 2023, 23 - 26 October 2023 and 6 - 10 November 2023, respectively. Meetings for DEA staff and Project Advisory Committee were held on the 8th and 9th February 2024 respectively where the Draft Guidelines were interrogated further and key comments were raised and communicated to the Consultant accordingly. The Consultant together with DEA officers who have been trained as Trainer of Trainers, conducted nationwide trainings for local authorities (District Councils	

Component	Output/Activity	Expected completion date	Implementation status as of previous reporting period (%)	Implementation status as of current reporting period (%)	Progress rating justification, description of challenges faced and explanations for any delay	Progress Rating
					and Land Authorities) on the Draft SEA Guidelines from the 13th - 23rd May 2024. The Final Report and Training Report have been submitted to DEA by the Consultant for consideration by DEA and PAC for approval recommendation to PSC.	
	Activity 2.1.2: Carry out preliminary capacity needs assessments on SEA key sectors and make recommendations for a Capacity Development Plan.	2022-12-31	75	100	This Activity was undertaken concurrently with the development of SEA Guidelines.	
	Activity 2.1.3: Develop a Capacity Development Plan for national staff, environmental practitioners and stakeholders.	2022-12-31	75	100	The Activity was undertaken concurrently with the development of SEA Guidelines. The Consultant submitted the Capacity Development Plan during the 2023 reporting period.	
	Output 2.2: National collaboration mechanism established/ enhanced for the effective implementation of obligations under Rio Conventions, other relevant MEAs and related SDGs					
	Activity 2.2.1: Review the existing collaboration structures to identify weaknesses.	2022-12-31	50	100	The Activity was undertaken and reported under the 2023 PIR.	
	Activity 2.2.2: Develop and implement an Action Plan to (re-)establish a collaborative mechanism inclusive of major groups and stakeholders.	2022-12-31	60		The process to develop the Multilateral Environmental Agreement (MEA) Strategy as a collaborative mechanism for the effective implementation of MEAs is being undertaken in-house mainly by the desk officers for different MEAs. The Draft Strategy was produced and the DEA held a meeting with MET MEA Coordinator on the 19th December 2023 to discuss way forward towards approval of the Draft	

Component	Output/Activity	Expected completion date	Implementation status as of previous reporting period (%)	Implementation status as of current reporting period (%)	Progress rating justification, description of challenges faced and explanations for any delay	Progress Rating
					Strategy. On the 4th March 2024, a Technical Reference Group (TRG) meeting was held where the Draft Strategy was presented and substantive comments were raised. A small Team was constituted to work on the comments and a working session for the said Team was held from the 6th - 10th May 2024 at Lobatse. The Team is still to present to TRG and a final decision will be made then.	
	Activity 2.2.3: Develop Terms of Reference for the collaborative mechanism.	2023-03-31	60	100	The Activity was reported under the previous reporting period.	
	Activity 2.2.4: Conduct induction workshop for members of the collaborative mechanism.	2023-12-31	30	85	This Activity will not be undertaken separately, as the same officers to be inducted are the very same ones actively involved in drafting the MEA Strategy. Consequently, their capacity is being built concurrently with the Strategy's development. This Activity would have been more relevant had the MEA Strategy been developed by an external consultant, as was initially planned. Nonetheless, once the Strategy has been approved, we will organize a workshop for desk officers to ensure they fully understand and appreciate their roles in the implementation of the Strategy.	
	Activity 2.2.5: Train National Focal Points and members on MEAs, and related SDGs and the relationships of different MEAs	2024-06-30	30	50	The Activity will be undertaken once the Strategy has been approved.	

Component	Output/Activity	Expected completion date	Implementation status as of previous reporting period (%)	Implementation status as of current reporting period (%)	Progress rating justification, description of challenges faced and explanations for any delay	Progress Rating
	Output 2.3: Pilot project with community organization/s to demonstrate the application of an integrated approach to environmental information management.					
	Activity 2.3.1: Identification and development of a CBNRM pilot project on environmental information management.	2022-12-31	70	100	The Ministry of Environment and Tourism engaged Sankuyo Tshwaragano Management Trust (STMT) to undertake an activity to pilot the digitization of Management Oriented Monitoring System from paper to e-based system. The Memorandum of Agreement (MoA) was signed by STMT on the 4th July 2023 and by the Department of Environmental Affairs on the 10th July 2023.	
	Activity 2.3.2: Implementation of the pilot project	2024-06-30	70	100	A training on Quick Capture tool for the six escort guides from the Trust and officers from relevant institutions including DEA, was held on the 25th and 26th July 2023 in Maun by GIMS Botswana. It was during the said training when it was realized that Quick Capture tool does not capture other important information like species gender therefore GIMS Botswana was further engaged to develop Survey 123 tool to enable capturing of all the relevant information. A second training was held on the 12th September 2023 in Maun where data collectors were trained on Survey123. On the 13th September 2023, a site visit was undertaken at concession	

Component	Output/Activity	Expected completion date	Implementation status as of previous reporting period (%)	Implementation status as of current reporting period (%)	Progress rating justification, description of challenges faced and explanations for any delay	Progress Rating
					<p>areas for the Trust where PMU and other relevant institutions familiarized themselves with the data collection area. The Trust commenced data collection for the pilot project on the 1st August 2023 and completed the exercise on the 31st October 2023 as per the signed Memorandum of Agreement (MoA). On the 8th August 2023, an administration fee amounting to \$7420 (as per the signed MoA and implementation plan) was transferred to the Trust bank account to enable day to day running of activities during data collection period. Furthermore, on the 27th September, \$1572 was transferred to the Trust as monthly allowance for the six escort guides for a period of three months. Two DEA officers and GIMS Botswana consultant conducted regular checks for the Trust to ensure and verify that data collection is being conducted, and in an accurate manner. A project closure meeting was held on the 2nd November 2023 in Maun where the Trust presented in detail achievements and challenges but the meeting did not achieve its main intended objective which was the sustainability of MOMS digitization by the Department of</p>	

Component	Output/Activity	Expected completion date	Implementation status as of previous reporting period (%)	Implementation status as of current reporting period (%)	Progress rating justification, description of challenges faced and explanations for any delay	Progress Rating
					Wildlife & National Parks. There was a UNEP Mission on the 15th March 2024 at Sankuyo Village where UNEP representatives had an opportunity to appreciate the work that the Trust executed. Presentations were made by relevant authorities and the Trust and achievements and challenges were shared. Furthermore, a site visit to the data collection areas was undertaken. Moreover, on the 27th June 2024, a project closure meeting was successfully held and lessons learnt were documented and they will be distributed to decision makers and relevant stakeholders once they have been presented to and approved by the DEA and Department of Wildlife and National Parks Management. The data collected is housed under Esri database centre which is a web/cloud based system. The data will be transferred to the EIS once it is functional. Note that the Botswana Wildlife Monitoring Platform is currently not working.	
	Activity 2.3.3: Lessons learnt, and best practices distributed between decision-making and other relevant stakeholders to enable up scaling and replication.	2024-06-30	70	90	During Project closure meeting which was held on the 27th June 2024, lessons learnt were documented and they will be distributed to decision makers and relevant stakeholders once they have been presented to and approved by the	

Component	Output/Activity	Expected completion date	Implementation status as of previous reporting period (%)	Implementation status as of current reporting period (%)	Progress rating justification, description of challenges faced and explanations for any delay	Progress Rating
					DEA and Department of Wildlife and National Parks Management.	
	Activity 2.3.4: Support the Focal Points to prepare and report to the Conferences of Parties (CoP).	2024-12-31	10	10	Activity on going.	S
	Output 2.4: Environmental Education for sustainable development and awareness raising activities conducted S					
	Activity 2.4.1: Select activities from the National Environmental Education Strategy and Action Plan (NEESAP) for implementation.	2022-12-31	70	100	The Activity was undertaken in May 2023 and was reported in the 2023 PIR.	
	Activity 2.4.2: Identify areas or groups with a special need for environmental education.	2022-12-31	70	100	This Activity was undertaken by the National Environmental Education Committee meeting in May 2023 and it was reported in the 2023 PIR.	
	Activity 2.4.3: Implement activities, starting with baseline identification on existing awareness.	2024-06-30	70	100	This activity targets environmental education for sustainable development and awareness raising activities with particular emphasis on the domestication of the Nagoya Protocol. MET signed a Memorandum of Agreement with University of Botswana (Centre for Scientific Research, Indigenous Knowledge and Innovation – CesrIKi) for the latter to raise awareness on Nagoya Protocol. A team comprising of CesrIKi and DEA officers administered questionnaires to community leaders across the country to establish baseline on existing awareness on Nagoya Protocol, from the 16th October to the 10th November 2023. District areas that were covered are	

Component	Output/Activity	Expected completion date	Implementation status as of previous reporting period (%)	Implementation status as of current reporting period (%)	Progress rating justification, description of challenges faced and explanations for any delay	Progress Rating
					Moshupa, Thamaga, Gantsi, Tsabong, Letlhakeng and Chobe. Another exercise was undertaken from the 27th November – 15th December 2023 where the team raised awareness by presenting to Full Council sessions for North East, Tutume, Bobirwa, Mahalapye, Serowe, Molepolole and Kanye Districts. The presentation targeted political leaders who are members of these different Councils. From the 30th April to the 29th May 2024, workshops were conducted in different Districts to raise awareness on the Nagoya Protocol. The workshops were conducted by the DEA, CesriKi and other institutions like the Department of Wildlife & National Parks, Department of Forestry & Range Resources and MET Research Unit. The target groups included the Tribal Administration authorities, Village Development Committees and Community Trusts.	
	Activity 2.4.4: Conduct survey on change of awareness among targeted communities at closure.	2024-06-30	50	70	The stakeholders who will be part of the survey have been identified already and the Activity (Survey) is planned to be undertaken from the 5 - 15 August 2024.	
	Output 2.5: Sustainability strategy developed for continued implementation of MEAs and the environmental dimension of SDGs					
	Activity 2.5.1: Develop Resource Mobilization Plan as part of the Sustainability Strategy	2024-06-30	30	70	The PMU had a working session on the 28th June 2024 to draft the	

Component	Output/Activity	Expected completion date	Implementation status as of previous reporting period (%)	Implementation status as of current reporting period (%)	Progress rating justification, description of challenges faced and explanations for any delay	Progress Rating
					Sustainability Strategy for the CCCD Project which has a Resource Mobilisation Plan component. A Draft has been produced and it is still work in progress and it will be presented to DEA Management once it has been completed.	
	Activity 2.5.2: Submit funding proposal to the National Environmental Fund (NEF) to continue funding for reporting and implementing of MEAs and related SDGs after project closure.	2024-06-30	0	0	The National Environment Fund (NEF) was earmarked for this Output. However, it later became evident that the Fund Order which establishes the NEF clearly stipulates that the NEF cannot finance Government activities hence the NEF cannot be used to fund the sustainability objectives. However, the Sustainability Strategy for the project has been designed to encompass the financial aspects of key Outputs, ensuring their long term sustainability.	
	Activity 2.5.3: Retain Coordination Unit as a permanent structure within MET beyond the project duration.	2024-06-30	30	80	A MEA Coordination Unit was established at the Ministry of Environment and Tourism in 2021. The MEA Coordinator was appointed on the March 1 2024 and an officer has been redeployed from the DEA to work at the MEA Coordination Unit effective June 7 2024. There is still need to have discussions with MET Management on the functionality structure on the MEA Coordination Unit.	

The Task Manager will decide on the relevant level of disaggregation (i.e. either at the output or activity level).

4 Risks

4.1 Table A. Project management Risk

Please refer to the Risk Help Sheet for more details on rating

Risk Factor	EA Rating	TM Rating
1 Management structure - Roles and responsibilities	Low	Low
2 Governance structure - Oversight	Low	Low
3 Implementation schedule	Low	Low
4 Budget	Low	Low
5 Financial Management	Low	Low
6 Reporting	Low	Low
7 Capacity to deliver	Low	Low

If any of the risk factors is rated a Moderate or higher, please include it in Table B below

4.2 Table B. Risk-log

Implementation Status (Current PIR)

Insert ALL the risks identified either at CEO endorsement (inc. safeguards screening), previous/current PIRs, and MTRs. Use the last line to propose a suggested consolidated rating.

Risks	Risk affecting: Outcome / outputs	CEO ED	PIR 1	PIR 2	PIR 3	PIR 4	PIR 5	Current PIR	Δ	Justification
Risk 1: High staff turn-over disrupts and delays project implementation			L	L	M	L		L		

4.3 Table C. Outstanding Moderate, Significant, and High risks

Additional mitigation measures for the next periods

Risk	Actions decided during the previous reporting instance (PIRt-1, MTR, etc.)	Actions effectively undertaken this reporting period	What	When	By Whom

High Risk (H): There is a probability of greater than 75% that assumptions may fail to hold or materialize, and/or the project may face high risks. Significant Risk (S): There is a probability of between 51% and 75% that assumptions may fail to hold and/or the project may face substantial risks. Moderate Risk (M): There is a probability of between 26% and 50% that assumptions may fail to hold or materialize, and/or the project may face only modest risks. Low Risk (L): There is a probability of up to 25% that assumptions may fail to hold or materialize, and/or the project may face only modest risks.

5 Amendment - GeoSpatial

Project Minor Amendments

Minor amendments are changes to the project design or implementation that do not have significant impact on the project objectives or scope, or an increase of the GEF project financing up to 5% as described in Annex 9 of the Project and Program Cycle Policy Guidelines. Please tick each category for which a change occurred in the fiscal year of reporting and provide a description of the change that occurred in the textbox. You may attach supporting document as appropriate

5.1 Table A: Listing of all Minor Amendment (TM)

Minor Amendments	Changes
Results Framework:	No
Components and Cost:	No
Institutional and implementation arrangements:	No
Financial Management:	No
Implementation Schedule:	
Executing Entity:	No
Executing Entity Category:	No
Minor project objective change:	No
Safeguards:	No
Risk analysis:	No
Increase of GEF financing up to 5%:	No
Location of project activity:	No
Other:	Yes

Minor amendments

There has not been much amendments save for the budget revision which was approved by the Project Steering Committee meeting on March 13, 2024.

5.2 Table B: History of project revisions and/or extensions (TM)

Version	Type	Signed/Approved by UNEP	Entry Into Force (last signature Date)	Agreement Expiry Date	Main changes introduced in this revision
	Revision				

GEO Location Information:

The Location Name, Latitude and Longitude are required fields insofar as an Agency chooses to enter a project location under the set format. The Geo Name ID is required in instances where the location is not exact, such as in the case of a city, as opposed to the exact site of a physical infrastructure. The Location & Activity Description fields are optional. Project longitude and latitude must follow the Decimal Degrees WGS84 format and Agencies are encouraged to use at least four decimal points for greater accuracy. Users may add as many locations as appropriate. Web mapping applications such as OpenStreetMap or GeoNames use this format. Consider using a conversion tool as needed, such as: <https://coordinates-converter.com> Please see the Geocoding User Guide by clicking here

Location Name	Latitude	Longitude	GEO Name ID	Location Description	Activity Description
Republic of Botswana	-22	24	933860	Covering the whole country	Covering the whole country

Please provide any further geo-referenced information and map where the project interventions is taking place as appropriate. *

The Cross-cutting Capacity Development Project was designed to strengthen the legal, policy and planning frameworks to support collection and sharing of environmental data covering a whole country.

[\[Annex any linked geospatial file\]](#)

Additional Supporting Documents:

Filename	File Uploaded By	File Uploaded At	
Baseline Report on Raising Awareness on Nagoya Protocol.pdf	Executing Agency	2024-07-26 15:50:38	Download
SEA Guidelines Training Report.pdf	Executing Agency	2024-07-26 15:49:42	Download
Zero draft_Data sharing protocol, Botswana NEIN.pdf	Executing Agency	2024-07-26 15:48:34	Download

Filename	File Uploaded By	File Uploaded At	
Minutes - MOMS Digitization Project Closure Meeting.pdf	Executing Agency	2024-07-26 15:47:35	<u>Download</u>
Draft MEA Strategy.pdf	Executing Agency	2024-07-26 15:36:00	<u>Download</u>
Workshop Report on Raising Awareness on Nagoya Protocol.pdf	Executing Agency	2024-07-26 15:35:16	<u>Download</u>
Draft Sustainability Strategy.pdf	Executing Agency	2024-07-26 14:16:02	<u>Download</u>
Final SEA Guidelines.pdf	Executing Agency	2024-07-26 14:15:37	<u>Download</u>