

# GEF - PROJECT IMPLEMENTATION REPORT (PIR)

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## Table of contents

1 PROJECT IDENTIFICATION .....	3
1.1 Project Details .....	3
1.2 Project Description .....	4
1.3 Project Contacts.....	5
2 Overview of Project Status.....	6
2.1 UNEP PoW & UN.....	6
2.2. GEF Core and Sub Indicators .....	7
2.3. Implementation Status and Risks .....	7
2.4 Co Finance .....	8
2.5. Stakeholder .....	9
2.6. Gender .....	9
2.7. ESSM .....	9
2.8. KM/Learning.....	10
2.9. Stories .....	11
3 Performance.....	12
3.1 Rating of progress towards achieving the project outcomes .....	12
3.2 Rating of progress implementation towards delivery of outputs (Implementation Progress) .....	17
4 Risks.....	22
4.1 Table A. Project management Risk .....	22
4.2 Table B. Risk-log.....	22
4.3 Table C. Outstanding Moderate, Significant, and High risks.....	23
5 Amendment - GeoSpatial.....	26
5.1 Table A: Listing of all Minor Amendment (TM).....	26
5.2 Table B: History of project revisions and/or extensions (TM) .....	27

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

## 1 PROJECT IDENTIFICATION

### 1.1 Project Details

<b>GEF ID:</b> 9111	<b>Umoja WBS:</b> SB-011206
<b>SMA IPMR ID:</b> 39007	<b>Grant ID:</b> S1-32GFL-000618/P1-33GFL-001624
<b>Project Short Title:</b> Malaysia/MSP_BS	
<b>Project Title:</b> Institutional Capacity to Enhance Biosafety Practices in Malaysia	
<b>Duration months planned:</b>	48
<b>Duration months age:</b>	72
<b>Project Type:</b>	Medium Sized Project (MSP)
<b>Parent Programme if child project:</b>	
<b>Project Scope:</b>	National
<b>Region:</b>	Asia Pacific
<b>Countries:</b>	Malaysia
<b>GEF Focal Area(s):</b>	Biodiversity
<b>GEF financing amount:</b>	\$ 995,000.00
<b>Co-financing amount:</b>	\$ 2,986,500.00
<b>Date of CEO Endorsement/Approval:</b>	2015-04-05
<b>UNEP Project Approval Date:</b>	2018-11-15
<b>Start of Implementation (PCA entering into force):</b>	2018-12-03
<b>Date of Inception Workshop, if available:</b>	2018-12-13
<b>Date of First Disbursement:</b>	2018-12-11
<b>Total disbursement as of 30 June 2024:</b>	\$ 443,550.00
<b>Total expenditure as of 30 June:</b>	\$ 296,400.00

<b>Midterm undertaken?:</b>	Yes
<b>Actual Mid-Term Date, if taken:</b>	2022-09-15
<b>Expected Mid-Term Date, if not taken:</b>	
<b>Completion Date Planned - Original PCA:</b>	2022-11-30
<b>Completion Date Revised - Current PCA:</b>	2024-12-31
<b>Expected Terminal Evaluation Date:</b>	2025-06-30
<b>Expected Financial Closure Date:</b>	2025-12-31

## 1.2 Project Description

The project seeks to strengthen the biosafety management system in Malaysia with special emphasis on thematic interventions to facilitate handling and decision making on LMOs. The project interventions are delivered guided by the components listed below:

**Component 1: Needs Assessment** Component 1 is where the consolidated action plan was developed to guide the design of the project ensuring all outcomes in the project are achieved. Department of Biosafety (DOB) Malaysia had organized Inception Workshop which had involved stakeholders and ministries to assist in priority setting of the activities in this project.

**Component 2: Risk and Socioeconomic Assessment with Related Management Framework** Component 2 aims to strengthen the regulatory and technical framework of this project. This component will rely heavily on participation of stakeholders and consultants where their involvement is embedded in each activity which will be consultative or participative in nature. The outcome from this component will contribute towards the strengthening of our technical and regulatory framework that is consistent with CPB to permit effective evaluation management and monitoring of LMOs risk and will provide socio economic considerations guidance to assist in Biosafety Decision making.

**Component 3: Framework for Handling LMOs** Component 3 focuses on developing an enhanced framework for handling Living Modified Organisms (LMOs) where a national system is established for handling, transport, packaging and identification of LMOs consistent with the requirements under Article 7 and Article 18 of the Cartagena Protocol on Biosafety (CPB). In this component also, the administrative and legal framework for the implementation of the Nagoya-Kuala Lumpur Supplementary Protocol on Liability and Redress to the Cartagena Protocol on Biosafety will be established.

Component 4: Institutional Capacity Building Component 4 is designed to enhance the institutional capabilities and will focus on institutional capacity on biosafety in the areas of risk evaluation, risk communication and biosafety enforcement including strengthening the LMO detection measures for better enforcement and compliance.

Component 5: Biosafety Communication Framework

Component 5 focus on raising public awareness on biosafety issues including innovative outreach and educational programmes on biosafety issues, biosafety printed materials (brochure/ info graphic/ posters), communication mechanisms, biosafety topics in schools and universities curricula/modules/activities and biosafety corporate and awareness attire. Component 6: Project Monitoring and Evaluation

Component 6 is designed to ensure the effectiveness and efficiency of the project implementation including review and preparation of the project monitoring and evaluation reports at midterm and terminal evaluation and the establishment of the project management unit.

### 1.3 Project Contacts

<b>Division(s) Implementing the project</b>	Ecosystems Division
<b>Name of co-implementing Agency</b>	
<b>Executing Agency (ies)</b>	Department of Biosafety
<b>names of Other Project Partners</b>	Ms. Nur Adila binti Yahya
<b>UNEP Portfolio Manager(s)</b>	Johan Robinson
<b>UNEP Task Manager(s)</b>	Alex Owusu-Biney
<b>UNEP Budget/Finance Officer</b>	Paul Vrontamitis
<b>UNEP Support Assistants</b>	Evelyn Machaiso
<b>Manager/Representative</b>	Dr. Azalia binti Mohamed
<b>Project Manager</b>	Ms. Mustika Najwa binti Abu Hassan
<b>Finance Manager</b>	
<b>Communications Lead, if relevant</b>	N/A

## 2 Overview of Project Status

### 2.1 UNEP PoW & UN

<b>UNEP Current Subprogramme(s):</b>	Foundational: Environmental governance
<b>UNEP previous Subprogramme(s):</b>	Healthy and Productive Ecosystems; Environmental Governance
<b>PoW Indicator(s):</b>	<ul style="list-style-type: none"> <li>• Nature: (i) Number of national or subnational entities that, with UNEP support, adopt integrated approaches to address environmental and social issues and/or tools for valuing, monitoring and sustainably managing biodiversity.</li> <li>• Governance: (ii) Number of international legal agreements or instruments advanced or developed with UNEP support to address emerging or internationally agreed environmental goals</li> </ul>
<b>UNSDCF/UNDAF linkages</b>	<p>The progress towards UNDAF strategic objective were executed based on the decisions laid out in the inception phase that was participated by experts, project executing partners, UNEP the GEF implementing agency, executing agency, industries and NGO to achieve desirable outcomes and outputs. Activities were executed at initiating phase by following the strategic directions in strengthening biosafety management system and in alignment with several Sustainable Development Goals (SDGs) namely Goal 2: End Hunger, achieve food security and improved nutrition and promote sustainable agriculture, Goal 4: Ensure inclusive and equitable quality education and promote lifelong learning opportunities for all, Goal 11: Make cities and human settlements inclusive, safe, resilient and sustainable, and Goal 17: Strengthen the means of implementation and revitalize the Global Partnership for Sustainable Development. Appointing consultants with experienced experts contributes to the project development which aims to enhance the international support for implementing effective and targeted capacity building in developing countries as stated in Target 17.9 where the ability of people, organizations and society as a whole to manage their affairs successfully. The commencement of developing and publishing outreach materials including brochures, booklets and newsletters, and widely distributed to the targeted audiences in the effort to increase institutional capacity on biosafety in the areas of risk evaluation, meet the SDGs Target 4.7 in term of ensuring all learners acquire the knowledge and skills needed to promote sustainable development particularly through education for sustainable development and sustainable lifestyles.</p>
<b>Link to relevant SDG Goals</b>	<ul style="list-style-type: none"> <li>• Goal 2: End hunger, achieve food security and improved nutrition and promote sustainable agriculture</li> <li>• Goal 17: Strengthen the means of implementation and revitalize the Global Partnership for Sustainable Development</li> </ul>
<b>Link to relevant SDG Targets:</b>	<ul style="list-style-type: none"> <li>• 2.5 By 2020, maintain the genetic diversity of seeds, cultivated plants and farmed and domesticated animals and their related wild species, including through soundly managed and diversified seed and plant banks at the national, regional and international levels, and promote access to and fair and equitable sharing of benefits arising from the utilization of genetic resources and associated traditional knowledge, as internationally agreed</li> </ul>

	<ul style="list-style-type: none"> <li>17.6 Enhance North-South, South-South and triangular regional and international cooperation on and access to science, technology and innovation and enhance knowledge-sharing on mutually agreed terms, including through improved coordination among existing mechanisms, in particular at the United Nations level, and through a global technology facilitation mechanism</li> </ul>
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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	9000	11000	11000	6500
11.1- Male	4000	5000	5000	3000
11.2- Female	5000	6000	6000	3500

Implementation Status 2024: 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	M
FY 2023	4th PIR	S	S	M
FY 2022	3rd PIR	MS	MS	M
FY 2021	2nd PIR	MS	MS	M
FY 2020	1st PIR	MS	MS	M
FY 2019				
FY 2018				
FY 2017				
FY 2016				
FY 2015				

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### Summary of status

Rating toward outcomes: Satisfactory

from June 2023 until March 2024, the activities could not be executed according to the workplan due to insufficient balance of trust fund. However, DoB started to expedite the activities once the second cash advance was received. As for now, DoB are achieving and following all the outcomes stated in the workplan. In addition, the new project team met with the representative from UNEP and got his guidance regarding the project in November 2023. All the studies have been executed and five (5) of them were completed in year 2023.

Rating towards outputs: Satisfactory

The delivery of project was delayed due to insufficient balance of trust fund until March 2024 except for studies that have been done online. As for now, the delivery of project is satisfactory due to some activities were done successfully such as CEPA programme for secondary schools, Joining other ministry for awareness programme, preparation of public service announcement video, workshops for study 5b and study 7 online with stakeholders. Documents such as guidelines, policies and methodology were developed and some of them have been introduced to the stakeholders and DoB is printing copies as official documents. DoB also joined a few events from the ministry and produced brochures and bunting for the event.

Overall risk rating: Moderate

The execution of activities in second half of 2023 were delayed due to insufficient balance of GEF funds. However, the execution of activities were done successfully according to the workplan for the first half year 2024 and DoB will expedite to complete activities to be done to achieve the outputs.

### 2.4 Co Finance

<b>Planned Co-finance:</b>	\$ 2,986,500
<b>Actual to date:</b>	800,000
<b>Progress</b>	<b>Justify progress in terms of materialization of expected co-finance. State any relevant challenges:</b>  The co-finance was used mainly as direct staff support to the project and execution of project activities



## 2.5. Stakeholder

<b>Date of project steering committee meeting</b>	2023-11-30
<b>Stakeholder engagement (will be uploaded to GEF Portal)</b>	Stakeholder engagements were done for study 5a, 5b and 7 to gain more knowledge, solicit feedback and their opinion which helped to ensure the results will be more acceptable to the Malaysian situation

## 2.6. Gender

<b>Does the project have a gender action plan?</b>	No
<b>Gender mainstreaming (will be uploaded to GEF Portal):</b>	To summarize from our current progress, it was mostly women who had taken part in the project execution. In fact, there are more women in the executing entity compared to men. However, we will strive to reach out to major groups to promote diversity in the effort to raise awareness about the importance of biodiversity and promote partnerships on local action for biodiversity conservation and sustainable utilization.

## 2.7. ESSM

<b>Moderate/High risk projects (in terms of Environmental and social safeguards)</b>	<p><b>Was the project classified as moderate/high risk CEO Endorsement/Approval Stage?</b></p> <p>No</p> <p><b>If yes, what specific safeguard risks were identified in the SRIF/ESERN?</b></p> <p>N/A</p>
<b>New social and/or environmental risks</b>	<p><b>Have any new social and/or environmental risks been identified during the reporting period?</b></p> <p>No</p> <p><b>If yes, describe the new risks or changes?</b></p> <p>N/A</p>
<b>Complaints and grievances related to social and/or environmental impacts</b>	<p><b>Has the project received complaints related to social and/or environmental impacts (actual or potential) during the reporting period?</b></p> <p>No</p> <p><b>If yes, please describe the complaint(s) or grievance(s) in detail, including the status, significance, who was involved and what actions</b></p>

	<p><b>were taken?</b></p> <p>N/A</p>
<b>Environmental and social safeguards management</b>	<p>Environmental and social safeguards aims to minimize and mitigate adverse project impacts on the environment and affected people. The project through its risk assessment and decision-making systems under development have built in measures to ensure safeguards.</p>

## 2.8. KM/Learning

<b>Knowledge activities and products</b>	<p>The existing platform ANUBIS provided by UNEP was helpful in reporting and storage of all data including progress and expenditure reports.</p> <p>To date several documents have been successfully published such as:</p> <ul style="list-style-type: none"> <li>• Institutional Capacity to Enhance Biosafety Practices in Malaysia: Inception Report</li> <li>• Biology documents (Oil Palm and Papaya)</li> <li>• Educational pocket book (FAQ for Biosafety)</li> <li>• Integrated enforcement matrix for Sarawak</li> <li>• Users Guide to the Biosafety Act and Regulations</li> </ul> <p>Besides, the progress for MyBiosafety system is very satisfactory. Currently, it is in the finalization mode. MyBiosafety system is the insight tool to record and analyze data regarding Living Modified Organisms (LMOs) that was recorded by institutional or related agencies. It will assist in collating biosafety from partner agencies and institutions.</p> <p>All knowledge activities and products developed are available at:</p> <ul style="list-style-type: none"> <li>• Department of Biosafety website (<a href="http://www.biosafety.gov.my/en-my/media-library/Pages/Publication.aspx">http://www.biosafety.gov.my/en-my/media-library/Pages/Publication.aspx</a>)</li> <li>• FAQs of Biosafety (<a href="http://www.biosafety.gov.my/en-my/Pages/FAQ.aspx">http://www.biosafety.gov.my/en-my/Pages/FAQ.aspx</a>)</li> <li>• Official Facebook page (<a href="https://www.facebook.com/DOBiosafetyMalaysia">https://www.facebook.com/DOBiosafetyMalaysia</a>)</li> <li>• Official Twitter page (<a href="https://twitter.com/DOBmy">https://twitter.com/DOBmy</a>)</li> <li>• Official Instagram page (<a href="https://instagram.com/biosafetymalaysia">https://instagram.com/biosafetymalaysia</a>)</li> <li>• Public pages for Information Sharing (<a href="http://www.biosafety.gov.my/en-my/Pages/Public.aspx">http://www.biosafety.gov.my/en-my/Pages/Public.aspx</a>)</li> <li>• Youtube channel containing video gallery - <a href="https://www.youtube.com/channel/UCUb2VYt588d3dTdNf9sBwIA">https://www.youtube.com/channel/UCUb2VYt588d3dTdNf9sBwIA</a></li> </ul>
<b>Main learning during the period</b>	<p>The EA worked hard in achieving the project outcomes. The execution of activities were executed successfully for second half year 2022 but the execution had to be slowed down due to insufficient balance of GEF funds. This is because of EA failed to submit the outstanding</p>

	<p>audits though this was clarified in the PCA and consistently reminded by the Task Manager.</p> <p>In addition, two new PMU officers hired in June and July 2022 to support project implementation. More time was needed for them to understand this project and there are lots of guidance given by the UNEP representative to help them. UNEP representative also requested to have online meetings with PMU and have Anubis training for both PMU early year of 2023.</p>
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## 2.9. Stories

<b>Stories to be shared</b>	<p>We can conclude that most of the staff in the ministry and public are still not aware of modern biotechnology and the functions of the department fully. Efforts has been made for more awareness programme for the staffs and also to the public. This approach has helped dymystify Biosafety and led to better stakeholder engagement .The same approach was used when EA joins any event conducted by ministry where some of citizens and students still do not understand about biosafety. These engagement processes is leading to a better visibility of the project.</p>
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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
Objective: To strengthen the biosafety management system in Malaysia with special emphasis on thematic interventions to facilitate handling and decision making on LMOs	Biosafety management system has operational tools in place to support handling and scientific based biosafety decision making	i. Biosafety Act 2007 (Act 678)ii. Biosafety (Approval and Notification) Regulations 2010iii. Institutional Biosafety Committee (IBC) Guidelinesiv. Guidelines for Contained Use Activity/confined field Trials of Living Modified Organisms/Plantsv. The Simplified Procedure - Exemption under S68 of vi. Biosafety Actvi. User's Guide to the Malaysian Biosafety Act and	Amendment of Biosafety Act 2007	Biosafety Management system for Malaysia fully operationalized to handle contained use, confined field trials and deliberate releases into the environment with supportive biosafety tools in decision making	Biosafety Management system for Malaysia fully operationalized to handle contained use, confined field trials and deliberate releases into the environment with supportive biosafety tools in decision making	Development of draft Biosafety Act 2007 Risk Assessment Guidelines is in operation	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
		Regulationsvii. Risk Assessment guidelinesix. Updated legislations to cover LMO based Pharmaceuticals and vaccines					
Outcome 1: A consolidated action plan is developed to guide the design of the project	The project design will be fine-tuned based on the updated information and needs assessment by the Project Team under the supervision of the National Executing Agency (NEA).	Information available	Information has been consolidated and used	Needs assessment report would be used for sustainability of activities	Needs assessment report would be used for sustainability of activities	This outcome has been successfully completed.	S
Outcome 2A.1: A technical and regulatory framework that is consistent with the CPB, is strengthened to permit effective evaluation, management and monitoring of LMOs risk	The legal framework consistent with CPB will be in place	Laws, policies and guidelines are in place	Development of laws, policies and guidelines	Strengthened legal regime consistent with CPB	Strengthened legal regime consistent with CPB	Appointment of consultants to conduct studies done on March 2023. Study has been finalised with clearly defined results	HS
Outcome 2B.1. Socio-economic assessment is considered	Parameters and methodologies for socio-economic assessments are in place	Limited experience with GM mosquito	Development of socio-economic parameter and methodologies	Parameters and methodologies for SE assessment, including guidelines for cost benefit analysis are in place	Parameters and methodologies for SE assessment, including guidelines for	Study ended on June 2023	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
					cost benefit analysis are in place		
Outcome 3A.1: A national system is established for handling, transport, packaging and identification of LMOs, consistent with the requirements under Article 7 and Article 18 of the CPB	An operational administrative system for handling, transport, packaging and identification of LMOs is in place	A basic administrative system exists but it is inadequate for handling, transport, packaging and identification of LMOs	Development of guidelines for handling, transport, packaging and identification of LMOs	An operational administrative system is in place including a detection mechanism	An operational administrative system is in place including a detection mechanism	Other activities were executed according to wokplan.	S
Outcome 3B.1: Administrative and legal framework for the implementation of the Nagoya – Kuala Lumpur Supplementary Protocol on Liability and Redress to the Cartagena Protocol on Biosafety established	A plan to implement the Nagoya – Kuala Lumpur Supplementary Protocol on Liability and Redress to the Cartagena Protocol on Biosafety developed	Malaysia has not sign or ratify the Supplementary Protocol	Draft of national law on liability and redress	A national law on liability and redress enforced	A national law on liability and redress enforced	The amendment of existing law is in progress	S
Outcome 4A.1: Institutional capacity on biosafety enforcement measures	Institutions are strengthened with improved infrastructure and equipment for detection and verification of LMOs	Enhancement of Enforcement Enhancement of Risk evaluation documents/ knowledge Enhancement of Risk communication	Training manuals for enforcement officers for risk evaluation	Improvement the capacity on biosafety enforcement measures, in the areas of risk communication	Improvement the capacity on biosafety enforcement measures, in the areas of risk communication	activities were executed according to the work plan	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
		knowledge Enhancement of training for LMO detection					
Outcome 4B.1: Institutional capacity on biosafety in the areas of risk evaluation	Institutions are strengthened with improved infrastructure and equipment for detection and verification of LMOs	Publication of documents Enhancement of institutional capacity on biosafety through workshop/training/seminar	Workshop/training/seminar of institutional capacity on biosafety	Improvement the capacity on biosafety enforcement measures, in the areas of risk evaluation	Improvement the capacity on biosafety enforcement measures, in the areas of risk evaluation	The biology documents are finalised	S
Outcome 4C.1: Institutional capacity for risk communication	Institutions are strengthened with improved infrastructure and equipment for detection and verification of LMOs	Enhancement on risk communication	Training on risk communication for policy makers, related RI, expert	Improvement of the risk communication	Improvement of the risk communication	Risk Communication improved through training activities and awareness creation	S
Outcome 5A.1: Public awareness on biosafety issues increased	Consolidate systems for public education, awareness, participation and access to biosafety information established	Approximately 1,000 participants representing various stakeholder groups were covered under GEF4 biosafety project.	Production of outreach materials for public. Increase of awareness on biosafety.	Outreach material for both in print and electronic form available for use by various stakeholders. About 5,000 stakeholders representing key segments covered.	Outreach material for both in print and electronic form available for use by various stakeholders. About 5,000 stakeholders representing	Innovative outreach programs have been conducted through print and digital.	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
					key segments covered.		
Outcome 5B.1: Institutional capacity on biosafety in the areas of risk evaluation	Consolidate systems for public education, awareness, participation and access to biosafety information established	Communication through seminar, advertisement/ announcement/ news	Increase the participation form public for education	Introduction on biosafety to the public/ agencies/ ministries Production of printed or digital communication on biosafety	75%	will be continued in year 2024	S
Outcome 6: Effective project implementation	Project is executed in a timely and cost-effective manner and in accordance with GEF's policies and criteria	Project components, outcomes, outputs and activities have been finalized with approved project timeframe.	A Project Management Unit (PMU) has been established as contract for coordination of the project.	Completion of Project Monitoring and Evaluation Report for Mid-Term and Terminal Evaluation.	Completion of Project Monitoring and Evaluation Report for Mid-Term and Terminal Evaluation.	PMU has been established led by NPD. However, there still high turn over of officer in PMU	MS



### 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 NEED ASSESSMENTS	Output 1: Inception Report	2019-04-07	100%	100%	Completed. No challenges faced, the activities and related outputs were delivered within the planned period.	S
	Output 2: Stocktaking report capturing the current status of biosafety issues identified gaps planned training interventions and long-term funding plans	2021-12-31	100%	100%	Completed. No challenges faced, the activities and related outputs were delivered within the planned period.	S
	Output 3: National consultative meeting report (with stakeholder participation)	2022-12-31	90%	100%	Organize consultative workshop/ meeting and the following studies were completed: a. policy on liability and redress b. revised technical and regulatory framework on risk assessment and risk management c. socioeconomic consideration on biosafety d. Emergency response plan	S
2 RISK AND SOCIO-ECONOMIC ASSESSMENT WITH RELATED MANAGEMENT FRAMEWORK	Output 4: Updated RA and RM procedures and guidelines in line with recent developments under CPB.	2023-12-31	90%	100%	Outputs are finalised, awaiting incorporation as guidelines for the Biosafety Department	HS
	Output 5: LMOs are monitored by regulatory agencies after environmental release.	2023-05-31	100%	100%	Completed. No challenges faced, the activities and related outputs were delivered within the planned period. Monitoring is assigned to the Inspection Department and is going on as planned	S
	Output 6: Survey reports on socio-economic issues in relation to LMOs and socio-economic guidelines and methodologies are developed for assessment of LMOs.	2023-06-30	100%	100%	Completed. No challenges faced, the activities and related outputs were delivered within the planned period.	S
	Output 7: Cost benefit analysis guidelines developed for socio-economic assessors.	2023-06-30	100%	100%	Completed. No challenges faced, the activities and related outputs were	S

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
					delivered within the planned period.	
3 FRAMEWORK FOR HANDLING LMOs	Output 8: Procedural guidelines for handling, transport, packaging and identification of LMOs.	2024-12-31	60%	80%	All activities under the output completed except planned study tours which involves agreeing and setting dates with the host countries	S
	Output 9: Strategic guidance document on sampling, thresholds and inventory of LMOs from selected countries.	2024-12-31	80%	90%	Strategic guidance documents prepared on sampling and detection thresholds. Training tools already prepared to be used for training in the last quarter 2024, Training modules will be further reviewed and updated if needed after the study tours	S
	Output 10: Policy or action plan on low level presence is formulated.	2024-12-31	60%	80%	No challenges faced, the activities and related outputs were delivered within the planned period. Remaining activities planned for the next quarter. Policy and technical guidance documents prepared on Low level Presence and related actions	S
	Output 11: A plan to implement the Nagoya – Kuala Lumpur Supplementary Protocol on Liability and Redress to the CPB developed.	2024-12-31	80%	85%	No challenges faced, key activities and related outputs were delivered within the planned period. Policy and regulatory instruments on L & R have been drafted and are undergoing final review and consultations	S
	Output 12: Amended laws or Regulations on Liability and Redress gazette.	2024-12-31	80%	85%	Draft amendments for a Liability and Redress regime is currently undergoing review prior to finalisation	S
4 INSTITUTIONAL	Output 13: Enhancement of Enforcement Capacity	2024-12-31	0%	60%	Enforcement training materials developed	S

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
CAPACITY BUILDING					which will be used for the training program of the Environment Unit of the department of Biosafety to strengthen capacity of Enforcement Officers	
	Output 14: A study is carried out on the effectiveness of current partnership for LMO detection.	2024-12-31	0%	80%	Studies completed, consultative meetings and agreements on cooperation and partnerships ongoing	S
	Output 15: Institutions are strengthened with improved infrastructure and equipment for detection and verification of LMOs.	2024-12-31	0%	60%	Laboratory reagents already procured, and training workshop is scheduled between September and October 2024. Training Programme on Enforcement operationalised for the Enforcement Unit	S
	Output 16: Training modules on training of quarantine and inspection officials for enhanced enforcement at the ports of entry	2024-12-31	40%	80%	Enforcement and training guidance developed Production and Printing of enforcement matrix for Sabah will be done in the next quarter of 2024.	S
	Output 17: Collaboration enforcement with Sabah and Sarawak.	2024-12-31	50%	80%	Production and Printing of integrated enforcement matrix for Sabah and Sarawak will be done in 2024	S
	Output 18: Institutional capacity on liability and redress are developed.	2024-12-31	30%	70%	Administrative and institutional frameworks on Liability & Redress developed, currently undergoing review and consultation prior to testing it as a Department of Biosafety.	S
	Output 19: Biology documents are developed on fields identified by technical committee.	2024-12-31	30%	80%	Two biology documents were done in 2020. The two remaining have been drafted to be finalized by September 2024- ERP and HTPI document- Emerging Biotechnology document	S

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 20: Workshop/seminars/training related to Biosafety.	2024-12-31	40%	80%	Dedicated programme on Biosafety outreach planned, and is being rolled out in batches	S
	Output 21: Workshop/seminars/training on risk communication.	2024-12-31	60%	80%	Dedicated programme on Biosafety Risk Communication developed and is currently embedded in the Unit responsible as part of their work programme. Ongoing training activities	S
5 BIOSAFETY COMMUNICATION FRAMEWORK	Output 22: Innovative outreach programs are developed (including through print and electronic/social media).	2024-12-31	40%	80%	Biosafety /LMO information/short online videos is ongoing. Video produced were uploaded through Tiktok. Additional social media engagements through Facebook, Instagram. A dedicated program set up for biosafety outreach through national and international biodiversity events	S
	Output 23: Educational programs on biosafety issues for TV and radio are developed in collaboration with the local and national level agencies.	2024-12-31	30%	80%	Outreach activities are ongoing till end of the project to ensure the public are aware of ongoing Biosafety issue	S
	Output 24: Brochures/ booklets /biosafety newsletters and terminology of terms in different local languages are widely distributed to policy makers, researchers, students, farmers, civil society etc.	2024-12-31	60%	85%	Brochures/ booklets /biosafety newsletters and terminology of terms in different local languages are widely distributed to policy makers, researchers, students, farmers, civil society etc. promotional items (goodie/door gifts, pen, note book, etc). Additional digital tools are in development	S
	Output 25: Biosafety topic including BCH is incorporated in school	2024-12-31	60%	85%	Outreach activities are ongoing till end	S

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 university curricula/modules/activities.				of the project to ensure the public are aware of ongoing Biosafety issues	
	Output 26: Biosafety corporate promotional tools.	2024-12-31	75%	90%	Dob Corporate attire prepared as part of awareness creation, and annual Biosafety Seminar series instituted	S
	Output 27: A mechanism is established to communicate regulatory decisions onLMO's to the public	2024-12-31	50%	75%	Outreach activities are ongoing till end of the project to ensure the public are aware of ongoing Biosafety issues	S
6 PROJECT MONITORING AND EVALUATION	Output 28: Project Monitoring and Evaluation Report at Mid Term and Terminal Evaluation	2025-06-30	50%	50%%	Mid Term Review Completed, Terminal Evaluation to be done at the end of the project	S
	Output 29: Establishment of the Project Management Unit	2024-12-31	60%	80%%	Periodic status update meetings to access progress of project and also Trust fund meeting to review the state of the special Trust fund set aside for the project	S

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	Moderate	Moderate
4 Budget	Moderate	Moderate
5 Financial Management	Moderate	Moderate
6 Reporting	Moderate	Moderate
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
implementation of Activities	Outcome and Outputs	L	L	L	L	L	M	M	=	Delayed audit reporting has led to non release of requested cash advance. which has caused delays in delivery for the second half of 2023

Risks	Risk affecting: Outcome / outputs	CEO ED	PIR 1	PIR 2	PIR 3	PIR 4	PIR 5	Current PIR	Δ	Justification
Insufficient trust account balance	Outcome and Outputs						L	M	↑	
Change of Ministry							L	M	↑	Change of Ministry and functions delayed clearances of activities
Organizational restructuring							M	L	↓	Periodic changes of heads of the Department lead to institutional delays
Budgeting							L	M	↓	Delayed finalization of Audit leading to delays in receiving next cash advance from UNEP
Financial Management								M		Streamline Audit reporting procedures
Reporting							M	M		Delays mainly due to change of staff per the institutional contracting arrangements
		L	L	M	M	M	M	M	=	Perennial movement of staff and institutional changes impacted on delivery

### 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
Implementation of activities/schedule		The second cash advance was channeled in March 2024. As for now. DoB expedite all the activities	Execution of activities will be done according to workplan	continuous	Executing Agency (DoB)

Risk	Actions decided during the previous reporting instance (PIRt-1, MTR, etc.)	Actions effectively undertaken this reporting period	What	When	By Whom
		according to the workplan and have used >50% of the fund.			
Insufficient trust account balance		Balance in trust account is about ~USD126.000. Audit session for year 2023 have been done in June 2024 and DoB is waiting for audit report from National Audit Department then submit to UNEP.	Submission of audit report before June based on PCA	yearly	Executing Agency (DoB)
Organizational restructuring		high turnover of officers in PMU cause delay for implementation of activities at the end of year 2023. To lower this risk. PMU staff were offered contract staff position. there are three (3) officers work as ANPC.	PMU is recruiting contract officers to address the high turn over	continuous	Executing Agency (DoB)
Budget		As the second cash advance were channeled. DoB held the trust fund meeting on 21st March 2024 for approval to execute the activities.	PMU will execute all the activities in the workplan accordingly	continuous	Executing Agency (DoB)
Financial Management		DoB started to pay all the consultants fee as they completed the studies since	Streamline auditing process through use of External Auditors under guidance of	continuous	DoB



Risk	Actions decided during the previous reporting instance (PIRt-1, MTR, etc.)	Actions effectively undertaken this reporting period	What	When	By Whom
		2023 and started to expedite the activities since March 2024	the Auditor General		
Reporting		Delay reporting into Anubis for PER March 24-June 2024 due to lack information from finance division of ministry. DoB still waiting for the exchange rate info from them since May 2024.	PMU will follow up the finance division and do reporting into Anubis ASAP	PMU will follow up the finance division and do reporting into Anubis ASAP	DoB

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.

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## 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:	No

Minor amendments

## 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
Version 1	Amendment & Extension	2022-10-28	2022-10-28	2025-12-31	Recommendations made at mid term review

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
Department of Biosafety, Malaysia	2.914933	101.684716			

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

Department of Biosafety, Putrajaya, Malaysia -

<https://www.google.com/maps/search/Department+of+Biosafety,+Putrajaya+Malaysia/@2.9253719,101.6745955,14z/data=!3m1!4b1>

<https://www.hrdnet.com.my/department-of-biosafety.html>

Malaysia -

<https://www.google.com/maps/place/Malaysia/@4.0890168,100.5462613,5z/data=!3m1!4b1!4m5!3m4!1s0x3034d3975f6730af:0x745969328211cd8!8m2!3d4.210484!4d101.975766>

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[Annex any linked geospatial file]

**Additional Supporting Documents:**

Filename	File Uploaded By	File Uploaded At	
Papaya-Carica-papaya-L..pdf	BDLD TM	2024-08-08 20:24:38	<a href="#"><u>Download</u></a>
QA-Biokeselamatan.pdf	BDLD TM	2024-08-08 20:24:24	<a href="#"><u>Download</u></a>
Synthetic-Biology-The-Cure-or-the-Problem.pdf	BDLD TM	2024-08-08 20:24:06	<a href="#"><u>Download</u></a>
Minutes_1st NSC 2023 Meeting.pdf	BDLD TM	2024-08-08 20:15:18	<a href="#"><u>Download</u></a>