



UNEP GEF PIR Fiscal Year 2023

1 July 2022 to 30 June 2023

1- Identification

1.1 Project details

GEF ID	9111	SMA IPMR ID	39007
Project Short Title	Malaysia/MSP_BS	Grant ID	S1-32GFL-000618/P1-33GFL-001624
		Umoja WBS	SB-011206
Project Title	Institutional Capacity to enhance Biosafety Practices in Malaysia		
Project Type	✓ Medium Sized Project (MSP)	Duration months	Planned 48
Parent Programme if child project			Age 72.0 months
GEF Focal Area(s)	Biodiversity	Completion Date	Planned -original PCA 30-Nov-22
Project Scope	✓ National		Revised - Current PCA 31-Dec-24
Region	✓ Asia Pacific	Date of CEO Endorsement/Approval	06-Apr-15
Countries	Malaysia	UNEP Project Approval Date (on Decision Sheet)	
GEF financing amount	USD 995,000	Start of Implementation (PCA entering into force)	15-Nov-18
Co-financing amount	USD 2,986,500	Date of First Disbursement	11-Dec-18
Total disbursement as of 30 June	USD 149,250	Date of Inception Workshop, if available	12-13 December 2018
Total expenditure as of 30 June	USD 149,250	Midterm undertaken?	✓ Yes
		Actual Mid-term Date, if taken	15-Sep-22
		Expected Mid-Term Date, if not taken	
		Expected Terminal Evaluation Date	30-Jun-25
		Expected Financial Closure Date	31-Dec-25

1.2 EA: Project description

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 Contact

Division(s) Implementing the project	Ecosystem Division	Executing Agency(ies)	Department of Biosafety
Name of co-implementing Agency	N/A	Names of Other Project Partners	N/A
TM: UNEP Portfolio Manager(s)	Ersin Esen	EA: Manager/Representative	Dr. Azalia binti Mohamed
TM: UNEP Task Manager(s)	Alex Owusu-Biney	EA: Project Manager	Ms. Mustika Najwa binti Abu Hassan
TM: UNEP Budget/Finance Officer	Paul Vrontatmis	EA: Finance Manager	N/A
TM: UNEP Support/Assistant	Evelyn Machasio	EA: Communications lead, if relevant	N/A

2- OVERVIEW OF PROJECT STATUS

TM: UNEP Current Subprogramme(s)	Nature Action; Environmental Governance	TM: UNEP previous Subprogramme(s)	Healthy and Productive Ecosystems; Environmental Governance
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TM: PoW Indicator(s)

EA: UNSDCF/UNDAF linkages

Nature Action: Outcome 2A/
Output 2.9/ indicator (i);
Environmental Governance
indicator ii

The progress towards ONDAF 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.

EA: Link to relevant SDG Goals

SDG 4 and 17

EA: Link to relevant SDG Targets

Target 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.

Indicators:

2.5.1 Number of plant and animal genetic resources for food and agriculture secured in either medium- or long-term conservation facilities

2.5.2 Proportion of local breeds classified as being at risk of extinction

Target 4.7: By 2030, ensure that all learners acquire the knowledge and skills needed to promote sustainable development, including, among others, through education for sustainable development and sustainable lifestyles, human rights, gender equality, promotion of a culture of peace and non-violence, global citizenship and appreciation of cultural diversity and of culture's contribution to sustainable development.

Indicators:

4.7.1 Extent to which (i) global citizenship education and (ii) education for sustainable development are mainstreamed in (a) national education policies; (b) curricula; (c) teacher

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

Indicators
1: People benefitting from GEF-financed investment
11.1: Male
11.2: Female

Targets - Expected value		
Mid-term	End-of-project	Total Target
9000	11000	11000
4000	5000	5000
5000	6000	6000

Materialised to date
6000
2500
3500

Implementation Status

2023

4th PIR

FY 2023

FY 2022

FY 2021

FY 2020

FY 2019

FY 2018

FY 2017

FY 2016

FY 2015

PIR #

4th PIR

3rd PIR

2nd PIR

1st PIR

Rating towards outcomes (DO)
(section 3.1)

L

M

M

M

Rating towards outputs (IP)
(section 3.2)

L

M

M

M

Risk rating
(section 4.2)

L

M

M

M

EA: Summary of status
(will be uploaded to GEF Portal)

Rating toward outcomes: Satisfactory

from June until December, some of the activities had been done according to the workplan. The new project team met with the representative from UNEP and got their guidance regarding the project. All the studies have been executed and four of them have finalised namely HTPI, Risk Assessment, Emergency Response measures, socio economics and two biology documents on Papaya and Oil Palm.

Rating towards outputs: Satisfactory

The delivery of project is satisfactory due to some activities were done successfully such as training for enforcement officers, GMAC meeting, workshops for study 1, study 3 and study 6 physically and also online workshop with stakeholders. Documents such as guidelines, policies and methodology were developed and some of them have been introduced to the stakeholders. DoB also joined a few event from the ministry and produced brochure and bunting for the event.

The challenges faced by DoB are the high turn over of PMU and caused delay to the implementation of this project. The new PMU take time to understand this project and representative from UNEP help them a lot by giving guidance to execute all the activities. In addition, the department found the alternative to low the possibility of this matter by pointing PMU as a contract officer.

Overall risk rating: Moderate

The execution of activities were done successfully according to the workplan for the second half year 2022. However, starting from January 2023 up to June 2023, the activities mostly done online due to insufficient trust account balance. This is because, the department fail to submit the audit report where this matter cause delay of the second cash advance disbursement.

EA: Planned Co-finance

\$2,986,500

EA: Actual to date:

1430000 (48%) 30 June 2023

2.5. Stakeholder	2.4 Co-fin	EA: Justify progress in terms of materialization of expected co-finance. State any relevant challenges.	The co-finance was used mainly to buy promotional items for CEPA and leveraged as direct staff support to the project	
		EA: Date of project steering committee meeting	31st October 2022	
		EA: Stakeholder engagement (will be uploaded to GEF Portal)	Stakeholder engagements were done for every study to gain more knowledge and their opinion which helped to ensure the results will be more acceptable to the Malaysian situation	
2.6. Gender		TM: Does the project have a gender action plan?	▼ No	
		EA: Gender mainstreaming (will be uploaded to GEF Portal)	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		TM: Was the project classified as moderate/high risk at CEO Endorsement/Approval Stage?	▼ No	TM: Have any new social and/or environmental risks been identified during the reporting period?
		TM: If yes, what specific safeguard risks were identified in the SRIF/ESERN?		TM: If yes, please describe the new risks, or changes
		TM & EA: Has the project received complaints related to social and/or environmental impacts (actual or potential) during the reporting period?	▼ No	
		TM & EA: If yes, please describe the complaint(s) or grievance(s) in detail including the status, significance, who was involved and what actions were taken.	N/A	
		EA: Environmental and social safeguards management (will be uploaded to GEF Portal)	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.	

EA: Knowledge activities and products
(will be uploaded to GEF Portal)

The existing platform ANUBIS that was provided by UNEP had been fully utilized to update reports and expenditure documents.

To date several documents have been successfully published such as:

- Institutional Capacity to Enhance Biosafety Practices in Malaysia: Inception Report
- Biology documents (Oil Palm and Papaya)
- Educational pocket book (FAQ for Biosafety)
- Integrated enforcement matrix for Sarawak
- Users Guide to the Biosafety Act and Regulations

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.

All knowledge activities and products developed are available at:

- Department of Biosafety website (<http://www.biosafety.gov.my/en-my/media-library/Pages/Publication.aspx>)
- FAQs of Biosafety (<http://www.biosafety.gov.my/en-my/Pages/FAQ.aspx>)
- Official Facebook page (<https://www.facebook.com/DOBiosafetyMalaysia>)
- Official Twitter page (<https://twitter.com/DOBmy>)
- Official Instagram page (<https://instagram.com/biosafetymalaysia>)
- Public pages for Information Sharing (<http://www.biosafety.gov.my/en-my/Pages/Public.aspx>)
- Youtube channel containing video gallery - <https://www.youtube.com/channel/UCUb2VYt588d3dTdNf9sBwIA>

Please attach a copy of any products

EA: Main learning during the period

The EA worked hard in achieving the project outcomes. The execution of activities have done 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 audits though this was clarified in the PCA and consistently reminded by the Task Manager.

In addition, There are two new PMU officers hired on June and July 2022. 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 meeting with PMU and have Anubis training for both PMU early year of 2023.

EA: Stories to be shared
(section to be shared with communication division/
GEF communication)

After the combination of two ministries due to 15th GE, there are many divisions/agencies under this ministry. We can conclude that most of the staff are still not aware of modern biotechnology and the function of this department. Efforts has been set up for more awareness programme to the staffs and also to the public. This approach has helped demystified Biosafety and led to better stakeholder engagement. The same approach is 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.

3. RATING PROJECT PERFORMANCE

3.1 Rating of progress towards achieving the project outcomes (Development Objectives)

Project objective and Outcomes	Indicator	Baseline level	Mid-Term Target or Milestones	End of Project Target	Progress as of current period (numeric, percentage, or	EA: Summary by the EA of attainment of the indicator & target as of 30 June	TM: 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 2010 iii. Institutional Biosafety Committee (IBC) Guidelines iv. Guidelines for Contained Use Activity/confined field Trials of Living	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	80	Development of draft Biosafety Act 2007 Risk Assessment Guidelines is in operation	S
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	100	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	100	Appointment of consultants to conduct studies done on March 2023	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 sosio-economic parameter and metodologies	Parameters and methodologies for SE assessment, including guidelines for cost benefit analysis are in place	100	Study ends on June 2023	S
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	80	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	70	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 knowledge Enhancement of training for LMO detection	Training manuals for enforcement officers for risk evaluation	Improvement the capacity on biosafety enforcement measures, in the areas of risk communication	60	activities were executed according to the work plan	S
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	50	The biology documents will be produced once the cash advance reimburse.	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	0		MS
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.	60	Innovative outreach programs have been conducted through print and digital.	S
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	0	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.	80	PMU has been established led by NPD. However, there still high turn over of officer in PMU	MS
Output	Expected completion date	Implementation status as of 30 June 2022 (%) (Towards overall project targets)	Implementation status as of 30 June 2023 (%) (Towards overall project targets)	EA: Progress rating justification, description of challenges faced and explanations for any delay			TM: Progress rating
COMPONENT 1: NEED ASSESSMENT							
Output 1: Inception Report							
Activity 1: Organize an Inception Workshop to discuss in detail about the activities to be undertaken under this project to ensure that it is in line with national priorities and needs in biosafety.	done	100%	100%	Completed			S
Activity 2: Conduct a consultative meeting with experts prior to finalization of the inception report.	done	100%	100%	Completed			S
Activity 3: Produce the inception report	done	100%	100%	Completed. Inception report has been printed out			S
Output 2: Stocktaking report capturing the current status of biosafety issues identified gaps planned training interventions and long-term funding plans							
Activity 4: Engage expert consultants to conduct survey studies to understand current status and gaps on biosafety and to assist in the establishment and development of a financial and funding mechanism	done	100%	100%	Completed			S
Output 3: National conslative meeting report (with satkeholder participation)							
Activity 5: Organize consultative workshop/ meeting on: 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	12/31/2022	20%	90%	All the studies have done with the consultations except for RA&RM. Some of the studies need to be done online due to insufficient balance of trust account.			
Activity 6: Produce 4 consultative meeting reports and policy/technical documents.	12/31/2023	20%	75%	The consultative meeting report have been produced by consultants of each study.			
COMPONENT 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.							
Activity 7: Review the existing RA and RM with reference to the international guidelines (CPB) and guidance document: a. Expert consultation b. Revised guidelines	12/31/2023	20%	60%	Study 5b (revised RA and RM) will end on October 2023. However, consultant requested an extension until February 2024.			S

Activity 8: Develop a new RA and RM documents (rDNA guidelines, genome editing, synthetic bio): a. Expert consultation b. Stakeholders survey c. Survey report	12/31/2023	20%	90%	The consultation with the stakeholders held on April 2023. The study 5a will ends in mid of September 2023. The final document will be uploaded into Anubis	S
Activity 9: Identify the gaps, improve and adapt guidelines (stacked genes, LMO trees, Abiotic stress, LMO mosquito): a. Expert consultation b. Revised guidelines	12/31/2023	10%	90%		S

Output 5: LMOs are monitored by regulatory agencies after environmental release.

Activity 10: Discuss with relevant agencies to identify the gaps in regulatory framework: a. Workshop to identify the gaps in regulatory framework b. Produce Report	05/31/2023	20	100%	Study 3 (Guideline of HTPI and ERP) finalised in May 2023	S
Activity 11: Develop a comprehensive mechanism for monitoring of LMO: a. Expert consultation b. Revised guidelines	05/31/2023	20	100%		
Activity 12: Communication & training to the regulatory agencies specific to monitoring of LMO (e.g. MAQIS, KKM, DOA): a. Workshop b. Monitoring of LMO framework c. Produce training report	05/31/2023	0	100%	Study 3: Training was executed twice in April & May 2023 online due to insufficient trust account balance	S
Activity 13: Develop national policy by relevant agencies on monitoring of LMO: a. Expert consultation b. National policy on monitoring of LMO developed	30/6/2023	20	100%	Study 1 (Biosafety policy) ends on June 2023 and the final document will be uploaded into Anubis	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

Activity 14: Collect data on socio economic issues that are important to Malaysian population, and environment: a. Expert consultation b. Produce report	30/6/2023	20	100%	Study 6 (socio economic) ends on June 2023 and the final document will be uploaded into Anubis	S
Activity 15: Survey reports on socio economic impact scenario from other countries: a. Expert consultation b. Produce survey report	30/6/2023	20	100%		S
Activity 16: To develop socio economic guidelines (refer to CPB): a. Expert consultation b. Produce guidelines	30/6/2023	20	100%		S

Output 7: Cost benefit analysis guidelines developed for socio-economic assessors

Activity 17: Cost benefit analysis guidelines developed for socio-economic assessors: a. Expert consultation b. Produce guidelines	30/06/2023	20	100%	Study 6 (Done)	S
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COMPONENT 3: FRAMEWORK FOR HANDLING LMOs

Output 8: Procedural guidelines for handling, transport, packaging and identification of LMOs.

Activity 18: Conduct study on the best practices of handling, transport, packaging and identification of LMOs: a. Appoint expert consultant b. Organize consultation workshop c. Engage with stakeholders and industry players, freight operators. d. Develop guidelines of LMO's during transportation, e.g. Land Public Transport Agency regulating freight operators. e. Awareness program on the guidelines of handling LMO. f. Amendments on law with regards to handling of LMO on importers. g. Mandatory declaration of LMO or LMO products into the country. h. Publish the guidelines.	05/31/2023	20	100%	Study 3 (Guideline of HTPI and ERP) ended on May 2023	S
Activity 19: Study tour on identification of LMO in other countries: a. Visit on countries such as Japan/Korea/Australia/India. b. Produce report on the handling, training, and identification of LMO.	30-Jun-24	0	0%	This activity was planned to be execute in year 2024	

Output 9: Strategic guidance document on sampling, thresholds and inventory of LMOs from selected countries.

Activity 20: Develop training modules for trainers: a. Competency for enforcement officers	12/31/2024	80	85%	Training for enforcement officer done in July 2023 in Melaka	
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Output 10: Policy or action plan on low level presence is formulated.

Activity 21: Conduct study on policy or action plan on LLP: a. Desktop or feasibility studies on best practices for threshold and low-level presence of LMO b. Workshop on low level presence of LMO	02/28/2024	0	30%	Consultative workshop is expected to commence in Q3 2023. Study 7 will ends early year 2024	S
Activity 22: Produce documents regarding Low Level Presence of LMO	02/28/2024	0	0%		

Output 11: A plan to implement the Nagoya – Kuala Lumpur Supplementary Protocol on Liability and Redress to the CPB developed

Activity 23: Procurement of tactical wear for enforcement	done	100	100%	Done	S
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Activity 24: Establish policy & law related to L&R a. Appoint legal or technical local consultant to provide support for reviewing the existing administrative and legal framework and identifying the best approach to develop or revised national law on liability and redress. b. Conduct stakeholder consultations at federal (inter-ministerial, industries, etc.) and federal state level on L&R. c. Review and draft new or amend existing law and regulation on L&R based on feedbacks received from stakeholders. d. Develop & produce guidelines to implement L&R.	12/31/2023	50	80%	Amendment of existing laws is in progress	S
Output 12: Amended laws or Regulations on Liability and Redress gazette.	12/31/2023	50	80%		S

COMPONENT 4: INSTITUTIONAL CAPACITY BUILDING

Output 13: Enhancement of Enforcement Capacity

Activity 25: Training Program for JBK Officers for enforcement practices; 1. Detection of LMO 2. Investigation and Persecution 3. Burden of proof	12/31/2024	0	0%	will be done in year 2024	
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Output 14: A study is carried out on the effectiveness of current partnership for LMO detection.

Activity 26: Engagement with current stakeholders to evaluate the effectiveness of current partnerships on LMO detection and recommendation.	12/31/2024	0	0%	will be done in first half year 2024	
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Output 15: Institutions are strengthened with improved infrastructure and equipment for detection and verification of LMOs.

Activity 27: Provide laboratory inventories and training for LMO detection (Basic/intermediate/advance)	12/31/2024	0	0%	will be done in first half year 2024	
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Output 16: Training modules on training of quarantine and inspection officials for enhanced enforcement at the ports of entry

Activity 28: Conduct continuous training to enforcement officers.	12/31/2024	80	80%	Ongoing	S
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Output 17: Collaboration enforcement with Sabah and Sarawak.

Activity 29: Consultative workshops/meetings with enforcement authorities of Sabah & Sarawak	11/31/2024	80	80%	Consultative meeting with enforcement authorities of Sarawak has been conducted in Q1 2020. Next consultative meeting with enforcement authorities of Sabah and Sarawak will be conducted on 2024	S
Activity 30: Produce integrated enforcement matrix for Sabah & Sarawak	11/31/2024	50	50%	Production of matrix for Sabah will be done in Q1 of 2024	

Output 18: Institutional capacity on liability and redress are developed.

Activity 31: Appointment of expert consultant	12/31/2024	30	50%	The training on the implementation of L&R will be conducted in year 2024	S
Activity 32: Training of legal advisors, policy makers on implementation of L&R (drafting, requirements of the L&R component, etc.)	12/31/2024	40	60%		S

Output 19: Biology documents are developed on fields identified by technical committee.

Activity 33: Develop 4 biology documents: a. Identification of biology documents that need to be developed-through consultation with GMAC, RI's most likely to conduct field trial. b. Appointment of experts/working group to develop biology document. c. Development of biology document. d. Publication of biology document (printing and e-book).	12/31/2024	50	50%	Two biology documents were done in 2020. The remaining documents will be produced in 2024	S
Output 20: Workshop/seminars/training related to Biosafety.					
Activity 34: Attend International Workshop/seminars/training related to Biosafety	12/31/2024	0%	0%	Will attend any international workshop/seminars/training related to biosafety in 2024	
Activity 35: Organize seminar for Institutional Biosafety Committees (IBC) (yearly, 2020 - 2022)	12/31/2024	90%	100%	Ongoing	S
Activity 36: Organize Biosafety Workshops in Sabah and Sarawak (at least 3 workshops)	12/31/2024	70%	70%	Ongoing	S
Activity 37: Organize training workshops for biosafety experts (GMAC) yearly (2020 - 2022)	12/31/2024	90%	100%	Ongoing	S
Activity 38: Organize biosafety training workshops (BTW) for public institutions, universities, RI's	12/31/2024	80%	100%	Ongoing	S
Output 21: Workshop/seminars/training on risk communication.					
Activity 39: Organize workshops/Seminars/training on risk communication for policy makers, related RI's, technical experts	12/31/2024	60%	60%	The workshops/Seminars/training on risk communication will be commence in first half year 2024	
COMPONENT 5: BIOSAFETY COMMUNICATION FRAMEWORK					
Output 22: Innovative outreach programs are developed (including through print and electronic/social media).					
Activity 40: Biosafety /LMO information/articles/ info graphic on Online Vlogs, short online videos (advertisement), pop up news, QR Code on FB/YouTube	12/31/2024	0%	0%	Biosafety /LMO information/articles/ info graphic on Online Vlogs, short online videos (advertisement), pop up news, QR Code on FB/YouTube will be produced	
Activity 41: Biosafety related activity in any relevant agencies (Participate in any activities organized by Ministry (NRECC) or any agencies related to biosafety)	12/31/2024	0%	50%	1) The department joined an event organized by ministry at Jempul, Negeri Sembilan 2) The department joined an event organized by ministry at RTC Tunjung, Kelantan	S
Activity 42: Talk on Biosafety at any open event.	12/31/2024	0%	20%	The department joined an event organized by ministry at RTC Tunjung, Kelantan	S
Output 23: Educational programs on biosafety issues for TV and radio are developed in collaboration with the local and national level agencies.					
Activity 43: Conduct a meeting for engagement	12/31/2024	0%	0%	The educational programs on biosafety issues will be started once the next cash advance is disburse	
Activity 44: Documentary/ Rencana program/ advertisement on Biosafety (e.g. Bernama, Astro)	12/31/2024	0%	0%		
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					
Activity 45: Educational pocket book and e-book produced	12/31/2021	100%	100%	Done	S
Activity 46: Translation of biosafety material to dual language (Malay/English version)	12/31/2022	100%	100%	Done	S
Activity 47: Biosafety activity pocket book/booklet for children (printed and e-book)	12/31/2022	100%	100%	Done	S

Activity 48: Printed and digital posters/brochure/newsletter /info graphic/backdrop/bunting produced and sent via mass e-mail, include QR Code (produced at least twice once a year).	12/31/2024	60%	70%	Bunting and brochure produced for event in Jempul, Negeri Sembilan.	S
Activity 49: promotional items (goodie/door gifts, pen, note book, etc)	12/31/2024	0%	0%	Due to insufficient balance in trust account, the production of promotional items will be stop until reimbursemet of next cash advance.	
Output 25: Biosafety topic including BCH is incorporated in school and university curricula/modules/activities					
Activity 50: Roadshows in primary/secondary schools	12/31/2024	0	0%	Roadshows planned to be commence in Q4 2023	
Activity 51: Conduct Biosafety Week - Activities for primary/secondary schools/universities (e.g. debates, public speaking, poster competition)	12/31/2024	50	50%	This program will be commence in Q4 2023	S
Output 26: Biosafety corporate promotional tools.					
Activity 52: DoB corporate attire for conducting awareness activities / promotional items	09/30/2019	100	100%	Done	S
Output 27: Workshop/ seminar/training related to Biosafety					
Activity 53: Organize National Biosafety Seminar, (yearly)		0	0%	Will organize a National Biosafety Seminar in 2024	
Output 28: A mechanism is established to communicate regulatory decisions on LMO's to the public					
Activity 54: Communication of regulatory decision through advertisement/ announcement/ pop-up news in respective ministries/ agencies/ stakeholders website	12/31/2024	0	0%	The mechanism will be commence once cash advance is disburse.	
COMPONENT 6: PROJECT MONITORING AND EVALUATION					
Output 27: Project Monitoring and Evaluation Report at Mid Term and Terminal Evaluation					
Activity 55: Conduct auditing for mid-term and terminal evaluation as well as their reports	12/31/2024	80	90%	Auditing for Midterm evaluation done in July 2022.	S
Activity 56: Produce Project Monitoring and Evaluation Report for Mid-Term and Terminal Evaluation	12/31/2024	50	75%	Midterm Review Report has been finalised in December 2022. The EA have took action to improve the management based on this report	S
Output 28: Establishment of the Project Management Unit					
Activity 57: Conduct NSC, PMU and trust fund committee meetings	12/31/2024	60%	70%	NSC meeting was succesfully done in 2022 after two years due to COVID lockdown. Last meeting was conducted in 2019. Trust Fund Committee meeting was not held in year 2022. The 1st Trust Fund Meeting for year 2023 held on March 2023	MS
Activity 58: Hire project coordinator and assistant project coordinator	12/31/2024	70%	80%	High turn over of PMU and DoB took an alternative planned is to hire PMU as contract officers.	S
Activity 59: Procure ICT equipment (laptop, desktop, printer, toner, hard disk, LCD projector) and cost of maintenance	12/31/2024	80%	80%	The procurement of Equipment cannot be done due to insufficient trust account balance	S

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

4 Risk Rating

4.1 Table A. Project management Risk

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

Risk Factor	EA's Rating	TM's Rating
1 Management structure - Roles and responsibilities	Low : Well developed, stable Management Structure and Roles/responsibilities are clearly defined/understood. Low likelihood of potential negative impact on the project delivery.	Low : Well developed, stable Management Structure and Roles/responsibilities are clearly defined/understood. Low likelihood of potential negative impact on the project delivery.
2 Governance structure - Oversight	Low : Steering Committee and/or other project bodies meet at least once a year and Active membership and participation in decision-making processes. SC provides direction/inputs. Low likelihood of potential negative impact on the project delivery.	Low : Steering Committee and/or other project bodies meet at least once a year and Active membership and participation in decision-making processes. SC provides direction/inputs. Low likelihood of potential negative impact on the project delivery.
3 Implementation schedule	Substantial: Some changes in project work plan but without major effect on overall timetable Measures taken are not always adequate and weak adaptive management. Significant likelihood of negative impact on the project delivery.	Substantial: Some changes in project work plan but without major effect on overall timetable Measures taken are not always adequate and weak adaptive management. Significant likelihood of negative impact on the project delivery.
4 Budget	Substantial: Minor budget reallocation needed with no changes beyond the margins of 10% across the different components – excluding the PMC or Imbalanced utilisation of budget or exhaustion of PMC before project completion. Significant likelihood of negative impact on the project delivery.	Substantial: Minor budget reallocation needed with no changes beyond the margins of 10% across the different components – excluding the PMC or Imbalanced utilisation of budget or exhaustion of PMC before project completion. Significant likelihood of negative impact on the project delivery.
5 Financial Management	Substantial: Financial reporting slow or deficient Audit reports are not provided or indicate minor issues in the use of funds. Significant likelihood of negative impact on the project delivery.	Substantial: Financial reporting slow or deficient Audit reports are not provided or indicate minor issues in the use of funds. Significant likelihood of negative impact on the project delivery.
6 Reporting	Low : Substantive reports are presented in a timely manner and Reports are complete and accurate with a good analysis of project progress and implementation issues. Low likelihood of potential negative impact on the project delivery.	Low : Substantive reports are presented in a timely manner and Reports are complete and accurate with a good analysis of project progress and implementation issues. Low likelihood of potential negative impact on the project delivery.
7 Capacity to deliver	Low : Sound technical and managerial capacity of institutions and other project partners and Capacity gaps were addressed before implementation or during early stages. Low likelihood of potential negative impact on the project delivery.	Low : Sound technical and managerial capacity of institutions and other project partners and Capacity gaps were addressed before implementation or during early stages. Low likelihood of potential negative impact on the project delivery.

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)

PIR 4

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.

Risk	Risk affecting:	Risk Rating						Variation respect to last rating		
	Outcome / outputs	CEO ED	PIR 1	PIR 2	PIR 3	PIR 4	PIR 5	PIR 6	Δ	Justification
implementation of Activities	All outcomes & outputs	L	L	L	L	M			↑	Delayed audit reporting has led to non release of requested cash advance, which has caused delays in delivery, UNEP is guiding the EA to address to enable release of the next cash advance/

Insufficient trust account balance		M	M	M	S	M				↓	Delayed audit reporting has led to non release of requested cash advance, which has caused delays in delivery, UNEP is guiding the EA to address to enable release of the next cash advance/
Change of Ministry						L					Internal national process out of control of IA or EA
Organizational restructuring						M					Internal national process out of control of IA or EA
Consolidated project risk						M					

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

List here only risks from Table A and B above that have a risk rating of **M or higher** in the **current PIR**

Risk	Actions decided during the previous reporting instance (PIRt-1, MTR, etc.)	Actions effectively undertaken this reporting period	Additional mitigation measures for the next periods		
			What	When	By whom
Implementation of activities	N/A	All the activities related to workshop, seminar and training were conducted online especially for the studies despite funding challenges	Execution of activities will be done according to workplan	continuous	PMU
Insufficient trust account balance	N/A	Preparation of timely audit reports and submit to UNEP to enable cash advance to facilitate project delivery.	Submission of audit report before June based on PCA	yearly	Executing Agency (DoB)
Changes of Ministry	N/A	On november 2022, two ministry were combined after 15th General Election and this matter caused reorganization in administration	-	-	-
Organizational restructuring	MTR	high turn over of officer in PMU cause delay for implementation of activities. To low this risk, PMU were offered as contract	PMU is recruiting contract officers to address the high turn over	continuous	Executing Agency (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.

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	Minor amendments
Results framework		
Components and cost		
Institutional and implementation arrangements		
Financial management		
Implementation schedule	Explain in table B	
Executing Entity		
Executing Entity Category		
Minor project objective change		
Safeguards		
Risk analysis		
Increase of GEF project financing up to 5%		
Co-financing		
Location of project activity		
Other		

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
Original Legal Instrument					
Amendment 1	Revision	Yes	28-Oct-22	31-Dec-25	Technical completion date of December 2024 due to the Government Movement control order from March 2020 to December 2021, high staff movements and recommendations made at the Mid Term review.
Extension 1	Extension				

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](https://www.openstreetmap.org/#map=4/21.84/82.79) (<https://www.openstreetmap.org/#map=4/21.84/82.79>) or GeoNames (<http://www.geonames.org/>) 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](https://gefportal.worldbank.org/App/assets/general/Geocoding%20User%20Guide.docx) (<https://gefportal.worldbank.org/App/assets/general/Geocoding%20User%20Guide.docx>)

Location Name Required field		Latitude Required field	Longitude Required field	Geo Name ID Required field if the location is not an exact site	Location Description Optional text field	Activity Description Optional text field
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>

[Annex any linked geospatial file]

