

A. GENERAL PROJECT INFORMATION	
Country	Malaysia
Region	Asia Pacific Region (APR)
Grant Title	Sustainable Management of Peatland Ecosystems in Malaysia (SMPEM) To strengthen national policy and institutional capacity for implementing peatland related strategies and plans and to enhance integrated sustainable peatland management in targeted landscapes
Associated GEF Programme or Framework (FSP/MSP/IP/EA)	SFM/REDD+ FSP
Grant Type (select one from GEF Trust Fund, LDCF, SCCF)	GEF Trust Fund
Reference numbers	
PIR Implementation Status (1 st , 2 nd , 3 rd , 4 th , Final)	2 nd
GEF ID Number	9270
IFAD Grant Agreement	2000000958
GEF Focal Area and Programme	
GEF Focal Area ¹	Multi Focal Area BD-1 Program; BD-4 Program; CCM-2 Program; LD-3 Program; SFM-2 Program
Critical milestones	
GEF CEO endorsement of FSP and approval of MSP	27 January 2018
IFAD approval date	6 February 2018
Actual implementation start date	17 December 2020
Last supervision mission date	April 2023 (Implementation Support Mission was conducted on 3 – 6 April 2023).
Expected/actual Mid-Term Evaluation date	October 2023
Expected project completion date	31 December 2024
Expected financial closure date (6 months after effective completion)	30 June 2025
Grant Financing (USD)	
GEF Project Preparation Grant (PPG) amount	USD 200, 000

¹ Select one among the following: Biodiversity; Climate Change; Land Degradation; International Waters; Chemicals and Waste; Multifocal area; Impact Programs.

GEF grant amount	USD 9,433,027
Total GEF financing (PPG + Grant amount)	USD 9,633,027
First disbursement date	18 May 2021: USD 500,000 (the 1 st installment from IFAD)
GEF grant disbursed. (as at 30 June of FY)	18 May 2021: USD 500,000 (the 1 st installment from IFAD) 20 December 2022: USD 700,000 (second installment from IFAD) Total: USD 1,200,000
GEF grant spent (as at 30 June of FY)	USD 298,054
Proposed co-financing (as at CEO Endorsement)	USD 52,711,000
Actual co-financing secured (may be different from co-financing proposed at CEO endorsement)	In total: US\$ 43,665,000 or 83% from the total co-financing budget (expecting US\$ 12,007,000 in-kind from federal government and US\$ 31,658,000 in-kind from states government)
Actual co-financing disbursed (as at 30 June of FY)	USD 27,244,499.00
Actual co-financing spent (as at 30 June of FY)	USD 4,506,257.00
GEF Project Preparation Grant (PPG) amount	USD 200,000
Project contact	
Name	Dato' Ahmad Fadzil Bin Abdul Majid
Email	fadzil@forestry.gov.my

B. CONTRIBUTIONS TO INNOVATION and LESSONS LEARNED

<p>1. Information on progress, challenge and outcomes regarding engagement of stakeholders in the projects/program based on the description included in the Stakeholders Engagement Plan or equivalent documentation submitted at CEO Endorsement/Approval</p>	<p>The SMPPEM project has been implementing the key activities as highlighted in this 2nd Project Implementation Report (PIR). The Activities were implemented from July 2022 - June 2023 as reported time for:</p> <ol style="list-style-type: none"> 1. The 1st National Peatland Steering Committee (NPSC) for 2022 was conducted on 6th July 2022 at NRECC office led by Secretary General with the specific agenda to discuss and endorse the 1st Annual Working Plan Budget and Procurement Plan (AWPB-P) that cover 18 months of GEF6 SMPPEM project from June 2021 until 31 December 2022. The NPSC meeting was attended by national stakeholders including. Department of Agriculture (DOA), Department of Environment (DOE), MET Malaysia, Malaysia Palm-Oil Board (MPOB), UPEN/BPEN/EPU, and representatives from private companies. 2. The NPSC was conducted back-to-back with the GEF6 SMPPEM project launching organised on the same day on. 6th July 2023 by NRECC. 3. NPMO of the GEF6 SMPPEM conducted the Inception Workshop from 18 – 22 July 2022 introduction materials regarding the project management and operations, TAKE SMPPEM project implementer
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	<p>(i.e. Global Environment Centre, GEC), and key national stakeholders including the KeTSA, KASA, Bomba etc. During the Inception Workshop, there were some inputs and revisions on the Logical Framework Analysis (LFA) as agreed with all participants and it is used as main report in this 2nd PIR.</p> <p>4. The Inception Workshop was also attended by all the project staff including the NPMO and 4 state project management offices (SPMOs) in Selangor, Pahang, Sabah and Sarawak, made the total 48 participants, included 56% males and 44% females. The Inception Report (IR) describes activities undertaken to date and planned for the implementation of the Sustainable Management of Peatland Ecosystems in Malaysia, Project. It comprises 5 sections with the first describing the project goal, outcomes, and outputs. This section describes the background information and key issues of the 5 study sites. The following points were revised and agreed during the Inception Workshop:</p> <ul style="list-style-type: none"> a) The Outcome 2.2: BMP guidelines and training materials reviewed and enhanced and ≥ 500 persons trained (with >25% being women) and will be measured regularly by the project. b) The Outcome 2.3: Best management practices for peatland fire prevention and control in four states with ≥300 participants in 10 programs (it will be separated between men and women) c) The Outcome 3: Number of Households (HH) benefiting from sustainable peatland management (with ≥50% women). <p>The second section provides the project financing details and financial management. It also describes the Project Trust Deed issued by the Ministry of Finance (MOF) to facilitate the operation and governance of the National Trust Account by the NPMO and the development of state-level Trust Deeds that will administer the respective State Trust Accounts by the SPMOs. The third section describes the activities during the inception period of the project including project organisation and implementation arrangement, staffing recruitment and key activities during the inception period, and challenges faced during the inception project. The fourth section focuses on The Project Inception Workshop and the key points and outcomes coming from the workshop. It also reports on the revision of the Logical Framework. The fifth section discusses the next steps taken for this project and recommendations proposed to move forward. This includes suggested activities prioritized to be implemented until the end of 2022.</p> <p>5. In order to accelerate the implementation of the project based on the AWPB-PP approved by IFAD, NPMO facilitated the project operational matters including establishment of a national project management (NMPO) in Kuala Lumpur, and State Management Project Offices (SPMOs) in each of the project states i.e. Selangor, Pahang, Sabah dan Sarawak with office facilities or the office furniture and computers.</p> <p>6. During this 2nd PIR period, The GEF6 SMPPEM has completely utilised the resources to strengthen and ensure well-operate the project by appointed a total of 14 project staff and breakdown based on the locations as stated in Project Implementation Manual (PIM), of which include 5 for NPMO, 3 persons for Sarawak SPMO, 2 persons for Pahang, 2 persons Selangor and 2 persons Sabah SPMOs. There has been staff turnover during the reporting period, and the breakdown and information as in detailed information provided below. Most of the project staff were appointed in 2021/2022 and there were 6 persons hired in 2023; 1 person for the project coordinator (government officer), 1 Project Technical Officer (PTO) is based at NRECC, 1 person for KMC officer in JPSM office and 2 persons as technical officer for Selangor and 1 person for Pahang. The detailed of persons who were hired during the report period mentioned below:</p> <ul style="list-style-type: none"> A. National/Federal <ul style="list-style-type: none"> 1) National Project Coordinator: Dr. Aldrich Richard 2) Knowledge Management and Communication Officer: Ms. Fatin Nur Izzati Zulkifli (March 2023) 3) Project Administration and Technical Officer (NRECC): Mr. Khairul Amilin bin Kamarudzaman (March 2023)
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	<p>B. Pahang State</p> <p>4) State Project Technical Office: Ms. Nurshahirah Abdullah (May 2023)</p> <p>5) State Project Financial and Admin Officer: Ms Nur Sabreena Asyra Rosli (July 2023)</p> <p>C. Selangor State</p> <p>6) State Project Technical Office: Ms Syamimi Mohd Adam (September 2023)</p> <p>7. The NPMO and SPMOs have been working to prepare the AWPB-PP 2023 following the procedure through the PIM. There are serial meetings were done in the state level with State Technical Working Group (STWG), as mentioned below:</p> <ul style="list-style-type: none"> i. STWG Sarawak was done on 10th January 2023 ii. STWG Selangor was done on 10th February 2023 iii. STWG Sabah was done on 26 January 2023 and 27th June 2023 iv. STWG in Pahang was done 6 June 2023 <p>8. In parallel processes after the STWG, the SPMOs had facilitated the State Steering Committee (SSC) meeting as the 2nd step to consolidate the draft AWPB-PP from the state and get their endorsement at state level. Again, three of the states have been finalized and Pahang is pending at the SSC meeting. The information is listed below.</p> <ul style="list-style-type: none"> i. SSC Sarawak was done on 2nd February 2023 ii. SSC Selangor was done on 23rd February 2023 iii. SSC Sabah was done on 26th January 2023 iv. SSC Pahang was done on 26th July 2023 (for further approval in the national/federal) <p>9. The third process regarding the submission of AWPB-PP 2023 is the consolidation of all the state inputs especially from the 3 SPMOs and one input from the national level by NPMO. The process was started in January 2023, and the consolidated AWPB-PP2023 was done in March 2023. The consolidate AWPB-PP2023 has been presented in the National Peatland Working Committee (NPWC) on 6 March 2023, shared to NRECC for final review and was endorsed by the National Peatland Steering Committee (NPSC) on 30th May 2023. NMPO has been submitted the AWPB-PP 2023 to be submitted to IFAD for no-objection.</p> <p>10. Stakeholder Consultation Workshop for the Implementation Strategy of SMPPEM Project Activities was successfully held on March 21, 2023, in Kuala Lumpur. The workshop, facilitated by the National Project Management Office (NPMO), brought together key stakeholders and relevant agencies such DOA, DOE, FRIM, MPOB, MET Malaysia, MYSA and BOMBA to deliberate on the effective execution of the project in the upcoming year. The workshop also collaborated with GEC (Take-SMPEM) to give inputs and information regarding the implementation of the project activities. The workshop was attended by 37 peoples (18 Male, 19 Female) and the outcomes of the workshops are:</p> <ul style="list-style-type: none"> a) Enhanced Coordination: The workshop played a crucial role in fostering improved collaboration among various stakeholders involved in the SMPPEM project. By discussing and aligning strategies, stakeholders are better equipped to synchronize their efforts, thereby enhancing the likelihood of achieving the project's goals and objectives. b) Transparent Implementation Strategy: A key outcome of the workshop was the transparent sharing of the implementation strategy for the project activities. Both federal and state parties were provided comprehensive disclosure about how the project activities would be executed. This transparency fosters a sense of inclusivity and understanding among stakeholders, reducing the likelihood of misunderstandings or miscommunication. c) Stakeholder Engagement and Involvement: The consultation workshop successfully addressed the need to coordinate stakeholder involvement in both the planning and implementation phases of the SMPPEM project. By bringing stakeholders to the table, the workshop encouraged their active participation, allowing them to contribute their insights and expertise. This engagement is expected to lead to more informed decisions and a more effective implementation process. <p>11. Other significant progresses by the SMPPEM project during the 2nd PIR period (July 2022 – June 2023) were:</p>
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	<ul style="list-style-type: none"> i. The new project director was on board in February 2023 and he is Dato Ahmad Fadzil bin Abd Majid to replace Dato Puat Bin Dahlan who retired in September 2023. ii. The new national project coordinator who replaced Mr. Harry Yong is Mr. Aldrich Richard since March 2023 who is officially based in JPSM (Forest Department Peninsular Malaysia (FMDP)). iii. The SMPEM project established SMPEM trust fund committee in National and State Committee in January 2023 and agreed for the disbursement of fund to states in May 2023. iv. Project has conducted public awareness programmes in states: Sabah (Klias) and Selangor (North Kuala Langat Forest Reserve and Raja Musa Forest Reserve) in the 1st Quarter of 2023. The key outcome was to share the consolidated and agreed points with key stakeholders to implement the project activity. v. SMPEM Project has successfully collaborated with SUPA Project to co-organize 1st Workshop “Sub Activity: Best Management Practices on Peatland Water Management in Malaysia” Sub-Regional Knowledge Exchange –Promotion of a Knowledge Sharing Mechanism on Peatland Restoration and Rehabilitation in Southern ASEAN Member States (AMS) in February 2023. This is a milestone for SMPEM Project particularly for the first quarter to strategize partnership in coordinating peatland-related activities in Selangor landscape based on the approved budget. The workshop was participated by 30 people (11 male, 19 Female) representative from 10 AMS (Indonesia, Singapore, Malaysia, Brunei Darussalam, Philippines, Vietnam, Cambodia, Lao PDR, Thailand, Myanmar). vi. SPMO Sarawak and TAKE-SMPER project has conducted socio-economic survey in Kampung Maludam in August 2022. Consultation and dialogue with Pegawai Tadbir Menguasa (SAO – State Authority Officer) and all “Ketua Kampung” or head of village (KK) were carried out. During this activity, the team has conducted peat mapping. vii. SPMO Selangor has successfully organized a Training Course on Forest Fire Prevention and Control for the Forest Fire Team on 8-10 November 2022. This course has been conducted as part of capacity building with target 60 participants which includes 40 male and 20 female from respective district forest offices. The refresher course also involved on-the-ground practical on fire equipment handling and maintenance led by Fire and Rescue Department Selangor (BOMBA) and TAKE-SMPER as one of resource person. viii. SPMO Selangor has successfully organized the Peatland Awareness Program in conjunction with the International Day of Forest (IDF) celebration in March 2023. This is part of the CEPA component that involved Public Institute of Higher Learning (PIHL) students namely University Putra Malaysia (UPM). The program was attended by 60 people which includes 33 Males and 27 Females. ix. The Pahang State Sustainable Peatland Management Coordination Workshop was held on 23-24 May 2023 at the Ancasa Royale Hotel, Pekan, Pahang¹. The workshop was organized by the SPMO Pahang under the SMPER project activities. The workshop aimed to provide a platform for government agencies, non-governmental organizations, the private sector, and the local community to discuss and coordinate needs and activities related to peatland management in the State of Pahang. The objectives of the workshop were to identify and coordinate peatland management activities from government agencies, bodies non-government, private sector, and local communities; identify the needs, activities, and sources of funds for the sustainable management of peatland in Pahang State; and coordinate work and funding sources for the sustainable management of State peatland Pahang. The program was attended by a total of 68 participants which includes 46 Males and 22 females. x. SPMO Sabah also has successfully organized The Forest Fire Control Training Course conducted for the Sabah State Forest Fire Control Team on 8th June 2023. The primary objective of the training was to enhance the team's skills and preparedness in effectively managing and controlling forest fires. The training was attended by a total of 25 participants, which includes 19 male and 6 female. The Forest Fire Control Training Course yielded several key results, indicating the effectiveness of the training program in imparting knowledge and skills to the participants such as <ul style="list-style-type: none"> - Effective Use of Firefighting Equipment: Practical sessions on using fire fighting equipment such as hoses and water pumps; empowered participants with hands-
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- on experience in effectively combating forest fires. They learned how to deploy equipment efficiently and safely.
 - Improved Preparedness: The Forest Fire Control Team are prepared to respond promptly and effectively to forest fire incidents, minimizing potential damage.
 - Increased Collaboration: The training fostered a sense of camaraderie and collaboration among team members, leading to improved coordination during simulated fire control exercises.
- xi. SPMO Selangor in collaboration with GIZ SUPA Project has successfully conducted Tube Well Pumping and Piezometer Course/training on 13-15 June 2023 in Pulze Grande Hotel Putrajaya. The course was attended by 52 people with 38 Males and 14 Females.
 - xii. Project has presented talks on SMPPEM project at various workshops and socialized the SMPPEM project to national and sub-national stakeholders.
 - xiii. Project has supported Forest Department Peninsular Malaysia (FDPM) officers and SMPPEM project officers to participate in the national, regional and international events: XV World Forestry Congress, Malaysian Forestry Congress, MAHFSA meeting, CoP Ramsar, AATHP meeting and International Workshop by GEF6 IMPLI in 2nd semester of 2022.
 - xiv. Project has started identifying degraded peat forest areas for rehabilitation at Pahang, Sabah (Binsuluk) and Selangor (North Kuala Langat Forest Reserve) in Q1-2023.
 - xv. Project has on numerous occasions held discussions and meetings with strategic agencies partners on the implementations of the planned activities and disbursement of allocated fund in 1st semester of 2023.

12. The site location of SMPPEM project in Selangor State ([Raja Musa Forest Reserve](#)) was selected by GEF OFP for site visit during the Malaysia GEF National Dialogue on 10th May 2023. The SMPPEM project is working closely with the JPSM and key partners to inform the sustainable peatland management (SPM) especially for sharing knowledge on the peat hydrology management, fire prevention, biodiversity improvement link with the community livelihoods.



(credit: GEF6 SMPPEM Malaysia)

13. During the 2nd PIR implementation period, SMPPEM has faced the problems and it is impacted the project operational for:

1. Merged two ministries of KASA (Ministry of Environment and Water) and KeTSA (Ministry of Energy and Natural Resources) to be Ministry of Natural Resources,

	<p>Energy and Climate Change (NRECC). The merger process was started in October 2022, and the formal announcement of the ministry NRECC was done in January 2023.</p> <p>2. There was uncertainty in the management of the South East Pahang Landscape due to Syarikat Enggang (Pekan) Sdn Bhd managing the landscape which will be allocated for the restoration of ecosystems. The new management has impacted the situation of the GEF6 SMPPEM Project and caused delays in its operation. However, Syarikat Enggang (Pekan) Sdn Bhd has signed the agreement on 13 February 2023 with Pahang State Government to implement ESG Project South East Pahang Peatland Landscape (SEPPL). They sent the letter to Pahang State Secretary's Office on 12 April 2023 stating that the company has no objection in implementing conservation programmes and activities on the ground. They agreed SMPPEM activities can be implemented as planned and consulted with the State Forestry Department.</p>
<p>2. Information on progress on gender-responsive measures and intermediate gender result areas as documented at CEO Endorsement/Approval including gender-sensitive indicators contained in the project results framework or gender action plan or equivalent.</p>	<p>During the Inception Workshop, IFAD trained all project staff to be concerned regarding gender equity, and since then, the NMPU has been collecting information regarding gender in the project, particularly for:</p> <ol style="list-style-type: none"> 1. Developing Knowledge Management & Communication, which includes gender aspects (male/female, age group, education, etc.). A priority is to acknowledge and reflect any gender differences and contributions. In parallel processes, NMPO is preparing the KM concept and including gender as a cross-cutting issue. 2. NMPO has been developing the concept and a database to support the monitoring and evaluation of the project, specifically counting the direct and indirect benefits for the project. This includes tabulation regarding gender (male and female) based on the key recommendation actions that should be taken after the inception results in 2022. In general, the roles of women are very important in improving livelihoods and sharing knowledge at the national and sub-national levels. <p>The data and information from the GEF6 SMPPEM regarding gender are presented here:</p> <ol style="list-style-type: none"> a) The total number of SMPPEM project staff is 14 people, and 62% of them are females. b) The total number of direct/indirect beneficiaries involved in various events of the SMPPEM project in 2023 is 740 people, and 35% of them are women.
<p>3. Progress on the implementation of the project's KM approach approved at CEO Endorsement/Approval</p>	<p>The project has developed the Knowledge Management Strategy concept and presented at the Inception workshop on 18-21 July 2022. A robust knowledge management strategy will facilitate the collection, organization, dissemination, and application of relevant information, insights, and experiences across all project components. The goal is to ensure that stakeholders have access to the right knowledge at the right time, fostering learning, collaboration, and informed decision-making. Here are the SMPPEM concept for the knowledge management strategy:</p> <ol style="list-style-type: none"> 1. Knowledge Mapping and Identification: <ul style="list-style-type: none"> - The project has been identifying key stakeholders, both national and states, involved in the project implementation in different components. This includes government agencies, private sector, CSOs, local communities, and relevant experts including the forums. - Determine the types of knowledge required for each component, such as policy frameworks, sustainable practices, biodiversity conservation, etc. 2. Knowledge Organization and Management: <ul style="list-style-type: none"> - Currently, the project has created a centralized digital repository in google cloud for storing collected knowledge, ensuring easy accessibility and categorization based on project activities. - The project will use existing Malaysian Biodiversity Information System (MyBIS) as a platform and create a centralized digital platform that serves as a knowledge hub for the project, where all collected resources are organized and easily accessible to project stakeholders. 3. Knowledge Dissemination

	<ul style="list-style-type: none"> - Based on the KM Plan developed by the KM expert, knowledge will be disseminated through various channels, such as online platforms, newsletters, workshops, webinars, and training sessions. - Distribute newsletters and fact sheets to stakeholders to keep them informed about project progress. - Use social media platforms to share relevant content and engage with stakeholders. <p>4. Capacity Building and Training</p> <ul style="list-style-type: none"> - Organize regular workshops, webinars, and training sessions for project team members, government agencies, CSOs, local communities, and private sector partners. - Focus on building skills related to sustainable peatland management, biodiversity conservation, integrated landscape planning, and the use of the knowledge platform. - Encourage cross-learning and experience-sharing among stakeholders to foster a culture of continuous learning. <p>5. Monitoring and Evaluation:</p> <ul style="list-style-type: none"> - Monitor the utilization of the knowledge platform and the adoption of best practices across project components. - Regularly assess the impact of knowledge management on project outcomes, such as increased funding for sustainable peatland management, reduced GHG emissions, and improved biodiversity conservation. <p>The implementation of the KM approach for the SMPPEM project has seen significant progress with the development of social media platforms, the appointment of a vendor for promotional materials, the ongoing development of a corporate video, and the design of a new project logo. These initiatives aim to enhance communication, knowledge sharing, and stakeholder engagement, ultimately contributing to the success of the project. The project team remains committed to implementing further KM strategies and ensuring the effective management of knowledge throughout the project's lifecycle.</p> <p>The project has developed several pamphlets and posters on peatlands and the project. These materials were distributed to the participants during the NET-Peat Sustainable Peatland Management Workshop on 1-3 November 2022. They were also distributed to the UK parliamentary select committee delegates visiting the peat swamp forest at Raja Musa Forest Reserved in Selangor.</p> <p>Information on sharing on this project was done through invitations to be an invited speaker at a conference and workshops and a publication on SMPPEM in Institut Rimbawan Malaysia (IRIM) Bulletin year 2022.</p> <p>Information on SMPPEM's activities were also shared through postings in social media platforms; Facebook, Instagram and LinkedIn. There were 2 short videos on peatlands developed and posted on Facebook (https://www.facebook.com/smpemmalaysia).</p> <p>Information on the SMPPEM's activities were also made by NPMO staffs and tagged using #smpem_malaysia, #smpem, #peatlands. This will give wider audiences for engaging the public on the project information.</p> <p>Project has conducted public awareness programmes in states: Sabah (Klias) and Selangor (North Kuala Langat Forest Reserve and Raja Musa Forest Reserve) on 27th January 2023.</p>
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C. IMPLEMENTATION PROGRESS

<p>Implementation Progress Rating (IP) Based on progress made for the given reporting period (HS/S/MS/MU/U or HU)</p>	<p>Marginally Satisfactory The SMPPEM project was launched and completed with Inception workshop conducted in 2022. The project should accelerate implementation including the baseline project and develop concepts for monitoring-evaluation.</p>
<p>Information on progress, challenges and outcomes on project implementation activities</p> <p><i>Achievements and impact to date – if applicable</i></p>	<p>Progress: Project has strengthened sustainable peatland management governance by the establishment of state level peatland technical working group and the national level peatland technical working committee. These committees discuss matters pertaining to issues on peatland management and also approve state level SMPPEM AWPB -PP for 2022 and 2023. This is also a forum where different agencies which have related activities at Peatland can get together and discuss the sustainable management of the peatland ecosystem.</p> <p>Another significant progress regarding peatland management governance is the setting up of Peatland steering committees at state and national level. The Project has facilitated meetings at the state level from January to February 2023. Sabah had their SSC meeting on 26 January 2023, Sarawak 2 February 2023 and Selangor, 23 February 2023. The involvement of high-level policy makers such as the Ministry Secretary General at National level and the State Secretary at states has pushed the issues of sustainable management at the forefront of the national development plan and see it as one of the nature-based solutions in the mitigation of impacts of climate change.</p> <p>Sustainable Peatland management requires the involvement of different agencies with different technical capabilities. The setting up of the Technical Working Group on Peatland in states and National Peatland Working Committee are time. The project has been helping states to organize state technical working groups (STWG) to discuss 2023 AWPB-PP. Sarawak had TWG meetings on 10th January 2023, Selangor on 10 th February 2023 and Sabah on 27th June 2023. These meetings endorsed the state SMPPEM AWPB-PP 2023 and acted as a platform where state agencies can discuss issues related to peatland management in each respective state.</p> <p>Project had an Inception Workshop on 18-22 July 202 with partners, stakeholders and TAKE SMPPEM project members and continues conducting meetings with stakeholders of the project at state and national levels. This continuous engagement with multiple stakeholders provides communication and involvement in the planning and project implementation early in the project.</p> <p>Project has allowed FDPM officers and SMPPEM project officers to participate in the national, regional and international events: XV World Forestry Congress, Malaysian Forestry Congress, MAHFSA meeting, CoP Ramsar, AATHP meeting and International Workshop by GEF6 IMPLI. The participation of these officers in those events representing Malaysia to have input and interventions in the documents and policies related to wetlands and peatland management in regional and global settings.</p> <p>At state levels, various training workshops were held with partner agencies such as the Department of Fire and Rescue to enhance forest fire control and management skills to the state forest department staff. Sabah held a training programme for community fire crew while Selangor held a Peat Fire Control Training programme for their forestry staff.</p> <p>Other technical progresses were conducted by SMPPEM (July 2022 – June 2023)</p> <ol style="list-style-type: none"> 1. Appointed consultant for the updating the NAPP. 2. Workshop regarding the best management practice on Oil Palm on peatland on 6th January 2023 attended 26 researchers from Malaysia Palm Oil Board (MPOB) 3. Improvement of the Fire Danger Rating System (FDRS) was combined with the construction of an automatic weather observation station (AWS) in peatland areas by Malaysian Meteorological Department (MET Malaysia). While this activity is in preparation, site identification occurred on 19th June 2023. Suggested coordinates: X,Y (395546,31666).

4. Field survey in SEPPL (Pahang States); visited Kampong Meranti on 24 June 2023 to engage with the local community, and site visit on 27 June 2023 regarding replantation site in Nenasi Forest Reserve, Pekan.
5. SSPL and NSPF (Selangor States); A discussion with the GEC was held on 22 March 2023 to kickstart the preparation of the Integrated Management Plan (IMP) for the SSPL and NSPF for the period of 2024-2033. A crucial Consultant Evaluation Committee Meeting was held on 26 May 2023, as part of the government's consultant appointment process, specifically for reviewing and developing the IMP for the North Selangor Peat Swamp Forest. This step is essential for ensuring the quality and effectiveness of the plan.
6. Project External Finance Audit: the external audit was rescheduled to be 25th August 2023 and the project has hired Salihin and Co. as the external auditor for the project.

Challenges:

This project faces several challenges:

1. Changes in government after the general election in November 2022 have affected the new appointment of the Secretary General of the NRECC ministry. This hampers the organization of committee meetings.
2. High turnover of NPMO and SMPO staff that some of the staff received better offered remuneration offers than the project could provide.
3. Changes in the FDP/JPSP personnel that are responsible for this project will affect the decision-making process.
4. Understanding the workflow process for procurement and purchases of goods and services should be enhanced so that the staff can work more efficiently.
5. Delay in getting AWPB-PP2023 project approved with the hierarchy of long processes from states (technical and steering committee), consolidated in the national/federal, review by the technical working group and approval by the NPSC. After that, the project can submit the AWPB-PP2023 to IFAD for No Objection.
6. PMO planned initial preparatory work to begin in September 2022. This plan was thwarted due to NPMO and Selangor and Pahang SPMP staff ended in September 2022. A new work contract was offered on January 2023.

Outcomes on project implementation activities:

Current outcomes have been doing by the project are:

- I. Preparing to update the National Action Plan for Peatlands (NAPP, 2011-2020) in Malaysia and State Action Plan for Peatlands (SAPP) in States project location (Selangor, Pahang, Sabah & Sarawak), and project is working closely with Ministry of Natural Resources, Energy & Climate Change (NRECC) that inline with the new ASEAN Peatland Management Strategy (APMS).
- II. Preparing the development of Integrated Peatland Landscape Management (IMP) in the 5 targeted landscapes as proposed by SMPPEM project.
- III. Involvement of policy makers at the national and state levels through SMPPEM steering committee meeting to discuss issues relating to management of peatlands.
- IV. Increase awareness among stakeholders of the need to work together to manage the peatlands sustainably.
- V. Increase preparation among forest fire crew in the Selangor and Sabah fire crew team to control peat fires.

IFAD and NPMO with guidance from the JPSP team have conducted coordination meeting with GEF OFP Malaysia in April 2023 at the NRECC office – Putrajaya Malaysia. There are two strategic points discussed and it will be used for the further key actions for:

1. Accelerate the implementation of GEF6 SMPPEM to integrate the technical procedure and decision-making process regarding the endorsement of AWPB-PP and approval for the disbursement of funds from the trustee to the project in both national and state levels. The events will be designing back-to-back meetings in-order to facilitate the participants meeting can understanding the important to fund-flow project.
2. It is initiated that the GEF6 SMPPEM project will be extended for maximum 18 months, and it has been discussed during the 2nd NPSC meeting held in July 2023. IFAD will facilitate the

	extension, after receiving the formal request from NRECC as Implementing Agency of GEF6 SMPEM.
Recommendations to improve progress	<ol style="list-style-type: none"> 1. The NPMO should review the Project Implementation Manual (PIM) and find the solution regarding the hierarchy process on the AWPB-PP approval from states to federal/national. 2. The NPMO should conduct regularly at least bi-weekly project coordination and monitoring meeting to be led by the Project Manager 3. NPMO re-prioritizes activities for the quarter or semi-annual action plan, aligned with the financial forecast. 4. NPMO to prepare paper(s) for internal process clearance at least 2 months prior to the workshop organization. 5. Workshop/meeting notification to stakeholders should be at least one month and invitation letters to be sent at least 2 weeks before the event. 6. NPMO will organise NAPP workshop in August 2023 and accelerate to revise it as planned in the inception workshop. 7. NPMO will work closely with procurement officer JPSM to expedite planned procurements. 8. AWPB-PP2024 preparation should start by early Q4 of 2023 9. Procurement process for external audit for the project should start early Q4 2023 and all documentation to be submitted to engaged auditor by end Q1 2024

	IMPLEMENTATION PROGRESS (IP)
Highly Satisfactory (HS):	Implementation of all components is in substantial compliance with the original/formally revised implementation plan for the project. The project can be presented as “good practice”.
Satisfactory (S):	Implementation of most components is in substantial compliance with the original/formally revised plan except for only a few that is subject to remedial action.
Marginally Satisfactory (MS):	Implementation of some components is in substantial compliance with the original/formally revised plan with some components requiring remedial action.
Marginally Unsatisfactory (MU):	Implementation of some components is not in substantial compliance with the original/formally revised plan with most components requiring remedial action.
Unsatisfactory (U):	Implementation of most components is not in substantial compliance with the original/formally revised plan.
Highly Unsatisfactory (HU):	Implementation of none of the components is in substantial compliance with the original/formally revised plan.

D. DEVELOPMENT OBJECTIVE RATING

<p>Development objective Rating (DO) Based on the likelihood that by the end of the project, implementation will achieve its stated objectives (HS/S/MS/MU/U or HU)</p>	<p>Marginally Satisfactory (MS)</p>
<p>Development Progress (DO) <i>Achievements and impact to date – if applicable</i></p>	<ul style="list-style-type: none"> • The project is behind the target implementation as agreed in the proposal and should develop implementation strategy to accelerate the achievement at least to be 40% by end of 2023.
<p><i>Recommendations to improve DO</i></p>	<ul style="list-style-type: none"> • Mapping the priority activities to be conducted in 2nd semester 2023 i.e revising the NAPP/SAPP, conduct the baseline study, design and implement the field activity, etc • Develop multi-stakeholders forum in federal/national as well as in the states • Establish good communication and coordination with Syarikat Enggang (Pekan) Sdn Bhd and Pahang State Government to implement the ESG project in South East Pahang Peatland Landscape (SEPPL) to accelerate the SMPPEM implementation. • Increase coordination with Finance and Procurement Section of JPSM to speed up the procurement process.

	DEVELOPMENT OBJECTIVE (DO)
<p>Highly Satisfactory (HS):</p>	<p>Project is expected to achieve or exceed all its major global environmental objectives, and yield substantial global environmental benefits, without major shortcomings. The project can be presented as “good practice</p>
<p>Satisfactory (S):</p>	<p>Project is expected to achieve most of its major global environmental objectives, and yield satisfactory global environmental benefits, with only minor shortcomings.</p>
<p>Marginally Satisfactory (MS):</p>	<p>Project is expected to achieve most of its major relevant objectives but with either significant shortcomings or modest overall relevance. Project is expected not to achieve some of its major global environmental objectives or yield some of the expected global environment benefits.</p>
<p>Marginally Unsatisfactory (MU):</p>	<p>Project is expected to achieve its major global environmental objectives with major shortcomings or is expected to achieve only some of its major global environmental objectives.</p>
<p>Unsatisfactory (U):</p>	<p>Project is expected not to achieve most of its major global environment objectives or to yield any satisfactory global environmental benefits.</p>
<p>Highly Unsatisfactory (HU):</p>	<p>The project has failed to achieve, and is not expected to achieve, any of its major global environment objectives with no worthwhile benefits.</p>

E. KEY RISKS

Overall risk level	Medium Risk
<i>List key risks and measures implemented to resolve it</i>	Based on the information provided above, the medium risk were influenced from the internal conditions that contributed from management with turn-over staff and they need to understand with business model of GEF, operation and external conditions including the weather especially the El-Nino that precited in Q2 - Q3 2023 and extending to 2024 impact the drought conditions in Malaysia.
<i>Recommendations to reduce risk level</i>	<ul style="list-style-type: none"> ● Update the National Action Plan for Peatland (NAPP) and it should be prioritized to mitigate the slow of mainstreaming to the states (SAPP) and Integrated Management Plan (IMS). ● Ensure the document collaboration between SMPPEM through JPSM or Pahang State Forest Department with Syarikat Enggang (Pekan) Sdn Bhd in Pahang Landscape can be agreed by both parties. ● Complete the administration report in 2021-2022 include the audit report. ● Submit the 3rd WA of SMPPEM project in August/September ● Climate or weather conditions refer to the El-nino (Q2-Q3, 2023) and improve the early warning systems (national/federal, states, landscape and community) ● Improve the multi-stakeholders forum to mainstreaming the implementation.

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.
Substantial 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.
Modest 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.
Lowest 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.

F. MEASURING FOR RESULTS <i>As defined to the Annual Work Plan (AWP)</i>		
Main indicators	Target 2022-2023 AWP	Results in 2023
National Action Plan on Peatlands 2021-2030	under preparation - workshop - Appointment of consultant	- initial workshop for reviewing the NAPP 2011-2020 was conducted by the project on 9 August 2023 - under preparation of appointing consultant who will support to update the NAPP/SAPP
Number of tonnes of GHG emissions (CO ₂ e) avoided and / or sequestered	During the Inception Workshop, it was agreed that the project will develop baseline in 2022/2023 and measure the mid-term indicator estimated at 1 million MT CO ₂ e and the end target will be completed with 3,06 million MT mitigated from the 5 landscapes.	agreed concept and baseline year in 2022 by collecting the land-use land cover data from states and federal agencies.

<p>Maintain globally significant biodiversity and the ecosystem goods and services that it provides to society is targeted for 450,000 hectares</p>	<p>It will be specified regarding Integrated Peatland Management Plans (IMPs) adopted and implementation initiated by multiple sectors in five peat landscapes with the baseline agreed for 80,000 ha and will be completed for the 450,000 ha by end of the project.</p> <ol style="list-style-type: none"> 1. North Selangor Peat Swamp Forest: 81,304 ha 2. South Selangor Peatland Landscape: 60,000 ha 3. Southeast Pahang Peatland Landscape (SEPPL): 230,000 ha Maludam Peninsula Peatland Landscape, Sarawak: 53,568 ha 4. Klias Peninsula Peatland Landscape, Sabah: 69,579 ha <p>With total: 494,468</p>	<p>Mapped the existing peatland ecosystems in 5 landscapes.</p>
<p>Sustainable land management in production systems (agriculture, rangelands, and forest landscapes) is targeted for 390,000 hectares</p>	<p>It was reconfirmed again that the target would be 300,000 Ha and the baseline is preparing by NMPO to get the data from Department of Agriculture (DOA) and Malaysian Palm Oil Board (MPOB). It is planned to measure the mid-term with 100,000 ha.</p>	
<p>Number of households (HH) benefiting from sustainable peatland management (with > 50% women)</p>	<p>it was redefined during the Inception Workshop that the target benefit of this project is 1,000 persons and 50% should be women. It will be calculated from the community engagement reports and the baseline is defined 0 (zero) in 2022 as agreed in the Inception Workshop.</p> <p>The updated status is NMPO has appointed a consultant to develop document IMP in 2022; Selangor (in two landscapes: NSPSF and SSPL), Pahang for the SEPPSF, Sabah in KPPL, Sarawak in MPPL.</p>	<p>on progress to revise the National Action Plan on Peatlands in federal level, and discussion to develop the Integrated Management Plans (IMP) in 5 landscapes.</p> <p>NMPO will conduct field verification and the SPMO Sarawak partnered with the Constitution and Conservation Division (CCD) in FDS to organize a capacity-building workshop on Navigation and Mapping with Handheld GPS and OzieExplorer on 14th to 16th March 2023</p>
<p>30 % increase in financial resources (from public, private and external) specifically channeled for sustainable peatland management</p>	<p>It was emphasized during the Inception workshop that the target financial will be increased about 30% from the baseline.</p>	<p>not define yet</p>
<p>Number of new or revised laws, regulations, policies, plans or strategies proposed to national-level policy makers for approval, ratification or amendment</p>	<p>During the Inception workshop in 2022, it has been identified to achieve at least 5 regulations.</p>	<p>0</p>
<p>NAPP investment framework adopted by national and state-level stakeholders and mainstreamed into national development plan 2021-2025</p>	<ul style="list-style-type: none"> - ToR Preparation - Appointment of consultant 	<p>ToR Developed to be implemented in Q3/Q4 2023</p>

Peatland Knowledge management system established and being used.	Workshop on MyBIS	<ul style="list-style-type: none"> - Discussion with NRECC was held in Q2-2023 to discuss the concept design of module and portal for integrating SMPKM system into MyBIS - Workshop will be held in Q3/Q4 2023
Increase in the use of sustainable management practices in agriculture and plantations located on peatlands.	not yet	not yet
Adoption of SAPPs	not yet	not yet
(Output 2.2) BMP guidelines and training materials reviewed and enhanced and ≥ 500 persons trained (with >25% being women ¹)	under preparation of BMP guidelines / Training Material	under preparation of BMP guidelines / Training Material
(Output 2.3) BMP guidelines and training materials reviewed and enhanced and ≥ 300 persons trained	<ul style="list-style-type: none"> - FDRS and Hot Weather Monitoring Training (NPMP) - Fire Drill Training and Initial Attack Fire Crew (SPMO SABAH) - 	<ul style="list-style-type: none"> - Scheduled in November 2023 - The training was conducted on 8th June 2023. 20 people were trained.
Area of peatland-dominated landscapes with IMP adopted and being implemented by multiple sectors	not define yet	not define yet
IMPs for NSPSF and SSPL adopted and implemented	under preparatory work <ul style="list-style-type: none"> - ToR Preparation - Appointment of consultant - 8 ha of the landscape area to be rehabilitated 	<ul style="list-style-type: none"> - ToR developed and in the process of appointing the consultants. - 2 ha in NSPSF and 2 ha in SSPL have been planted for restoration activities
IMP for SEPPSF reviewed and to be included in IMP for SPPL	under preparatory work <ul style="list-style-type: none"> - ToR Preparation - Appointment of consultant 	
IMP for KPPL developed, adopted and implemented by the State Government	under preparatory work <ul style="list-style-type: none"> - ToR Preparation To conduct detail assessment including forest and biodiversity survey, community and socio-economic assessment, hydrological and drainage assessment and peat mapping - Appointment of consultant - 8 ha of the landscape area to be rehabilitated - Appointment of consultant 	ToR Developed and in the process of appointing a consultant
IMP for MPPL developed, adopted and implemented by the State Government	<ul style="list-style-type: none"> - 2 ToRs Preparation detailed assessment and gap analysis of 	<ul style="list-style-type: none"> - 2 ToR developed and in the process of appointing the consultants:

	<p>Maludam Peninsula Peatland Landscape/Basin including:</p> <p>a) Forest and biodiversity survey b) Community and socio-economic assessment including Indigenous and local peoples engagement plan and gender strategy development; c) Hydrological and drainage assessment; d) Peat mapping</p> <p>- Appointment of consultant</p>	<ul style="list-style-type: none"> • Terms of Reference (TOR) for the appointment of consultants for (a) and (b) had been submitted to Economic Planning Unit (EPU) for review on 7th July 2023. • Terms of Reference (TOR) for the appointment of consultants for (c) and (d) had been endorsed by EPU on 16th May 2023. The procurement order for consultancy under FDS was approved on 22nd June 2023.
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<p>G. For <u>LDCF</u> and <u>SCCF</u> projects only, please complete the following table</p>		
<p>Indicators²</p>	<p>Tick if applicable</p>	<p>Enter number</p> <p>Please provide cumulative total achieved from the inception</p>
<p>Total number of direct beneficiaries (<u>enter a number</u>)</p>	<p><input type="checkbox"/></p>	
<p>Ha of land better managed to withstand the effects of climate change (<u>enter a number</u>)</p>	<p><input type="checkbox"/></p>	
<p>No. of risk and vulnerability assessments, and other relevant scientific and technical assessments carried out and updated (<u>enter a number</u>)</p>	<p><input type="checkbox"/></p>	
<p>No. of people trained to identify, prioritize, implement, monitor and/or evaluate adaptation strategies and measures (<u>enter a number</u>)</p>	<p><input type="checkbox"/></p>	
<p>No. of regional, national and sub-national institutions with strengthened capacities to identify, prioritize, implement, monitor and/or evaluate adaptation strategies and measures (<u>enter a number</u>)</p>	<p><input type="checkbox"/></p>	
<p>Contribute towards public awareness of climate change impacts, vulnerability and adaption (<u>Tick if relevant</u>)</p>	<p><input type="checkbox"/></p>	
<p>Expand access to improved climate information services (<u>Tick if relevant</u>)</p>	<p><input type="checkbox"/></p>	
<p>Expand access to improved climate related early-warning information (<u>Tick if relevant</u>)</p>	<p><input type="checkbox"/></p>	

²Following the GEF guidance on results and indicators, please provide the whole results from the GEF project, which is made up of GEF financing as well as co-financing.



Investing in rural people

PROJECT IMPLEMENTATION REPORT (PIR) - GEF Project grants

GEF Fiscal Year 2023 (01 July 2022 - 30 Jun 2023)

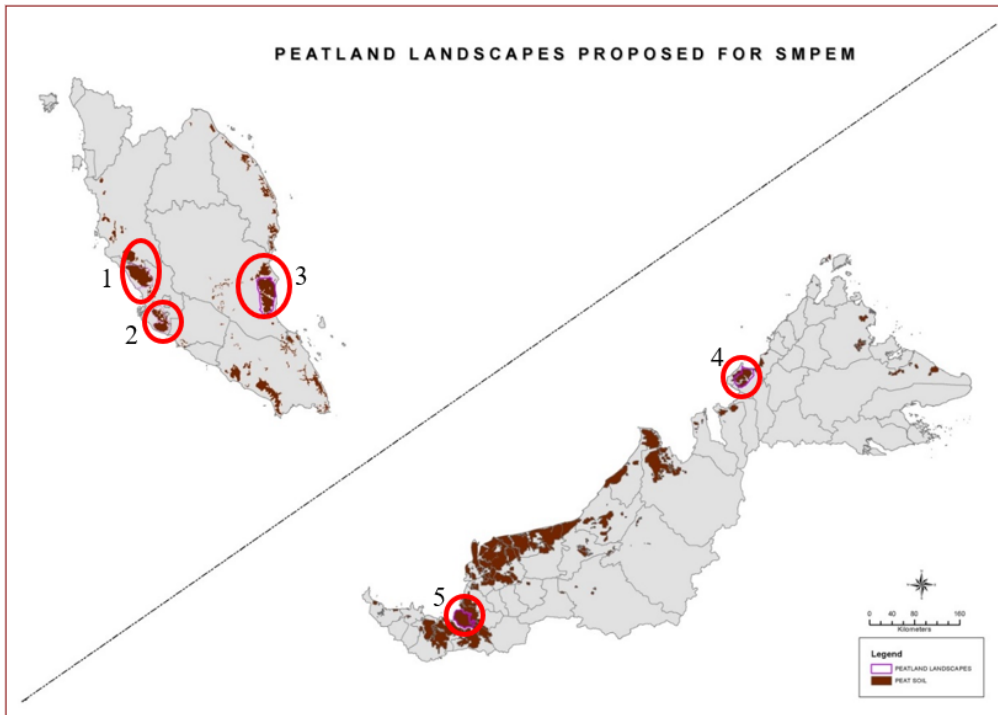
No. of regional, national and sector-wide policies, plans and processes developed or strengthened to identify, prioritize and integrate adaptation strategies and measures (<u>enter a number</u>)	<input type="checkbox"/>	
No. of sub-national plans and processes developed or strengthened to identify, prioritize and integrate adaptation strategies and measures (<u>enter a number</u>)	<input type="checkbox"/>	

H. DOCUMENTS

Please share any document pertaining to this PIR. Uploaded documents may also include any geospatial file or be linked to reported minor amendments, as appropriate.

I. 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 of Project Sites (1: North Selangor Peat Swamp Forest; 2: South Selangor Peatland Landscape; 3: Southeast Pahang Peatland Landscape; 4: Klias Peninsula Peatland Landscape, Sabah; and 5: Maludam Peninsula Peatland Landscape, Sarawak)

Location Name	Latitude	Longitude	GEO Name ID	Location Description	Activity Description
North Selangor Peat Swamp Forest	3.427553	101.602578	1	Peatland Area: North Selangor Peat Swamp Forest (NSPSF) is located in northwest Selangor State and covers an area of 81,304 ha mainly within various forest reserves, as well as a 15,000 ha buffer zone.	It is still planned to implement the activity in 2022-2023 Field survey, and GEF National Dialogue visit in May 2023

South Selangor Peatland Landscape	2.892383	101.285586	2	Peatland Area: The South Selangor Peatland Landscape covers 60,000 ha in Southern Selangor State near Kuala Lumpur International Airport in Kuala Langat and Sepang District. There are two peat swamp forests (PSF), namely the North and South Kuala Langat FRs, covering an area of 958 ha and 8,339 ha respectively (as recorded in Selangor State Forest Management Planning, 2011-2020). There are an additional 52,227 ha in the surrounding peatland landscape	Field survey, and GEF National Dialogue visit in May 2023
Southeast Pahang Peatland Landscape	3.286686	103.215169	3	Peatland Area: The 230,000 ha peatland landscape includes 108,920 ha of PSF in Permanent Reserved Forests (PRFs) and 122,000 ha of private plantations, village and state land	Field survey for baseline and house-hold interview.
Maludam Peninsula Peatland Landscape	1.634692	111.0311	4	Area: The Maludam National Park covers 53,568 ha. This peatland landscape includes an additional 25,000 ha of private, community and state land that is outside the national park and has been used for agriculture and plantations	Field survey for baseline and house-hold interview.
Klias Peninsula Peatland Landscape	5.425392	115.748683	5	Area: The Klias Peninsula comprises about 45% of the pristine PSFs in Sabah with an estimated 12,500 ha within 25,511 ha of forest reserves in a larger landscape of 69,579 ha of peatlands including cultivated for agriculture and oil palm as well as portions degraded by fire	Field survey for baseline and house-hold interview.

<p>Please provide any further geo-referenced information and map where the project interventions is taking place as appropriate.</p>	
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J. MINOR AMENDMENTS

Minor amendments are changes to the project design or implementation that do not have significant impact on the project objectives or scope as described in Annex 9 of the Project and Program Cycle Policy Guidelines.

Each user selects any minor amendment that happened to a project during the latest fiscal year and provides a description of the minor amendment in a narrative format as appropriate in the related textbox. Users may also attach supporting documents as appropriate within the PIR module.

Select the boxes below and give some explanation to why you ticked it.

Minor Amendment	Explanation
<ul style="list-style-type: none"> <input type="checkbox"/> Results Framework 	Revised the outcome 2.2: BMP guidelines and training materials reviewed and enhanced and ≥ 500 persons trained (with >25% being women) and the outcome 2.3: Best management practices for peatland fire prevention and control in four states with ≥300 participants in 10 programs (it will be separated between men and women).
<ul style="list-style-type: none"> <input type="checkbox"/> Components And Cost 	
<ul style="list-style-type: none"> <input type="checkbox"/> Institutional And Implementation Arrangements 	Delay implementation in Pahang states, because the project needs to have synchronization program/activity with Enggang (Pekan) that support by Sultan of Pahang.
<ul style="list-style-type: none"> <input type="checkbox"/> Financial Management 	
<ul style="list-style-type: none"> <input type="checkbox"/> Implementation Schedule 	Proposed to extend the SMPPEM project with maximum 18 months.
<ul style="list-style-type: none"> <input type="checkbox"/> Executing Entity 	In coordination with GEF OFP Malaysia in April 2023, it was reported that the delay of the implementation was partly influenced by merging of two ministries of KASA and KeTSA to be NRECC in December 2022.
<ul style="list-style-type: none"> <input type="checkbox"/> Executing Entity Category 	
<ul style="list-style-type: none"> <input type="checkbox"/> Minor Project Objective Change 	
<ul style="list-style-type: none"> <input type="checkbox"/> Safeguards 	
<ul style="list-style-type: none"> <input type="checkbox"/> Risk Analysis 	
<ul style="list-style-type: none"> <input type="checkbox"/> Increase Of GEF Project Financing Up To 5% 	



Investing in rural people

PROJECT IMPLEMENTATION REPORT (PIR) - GEF Project grants

GEF Fiscal Year 2023 (01 July 2022 - 30 Jun 2023)

● <input type="checkbox"/> Co Financing	
● <input type="checkbox"/> Location Of Project Activity	
● <input type="checkbox"/> Others	

Appendix 1. Revision for the Log Frame of GEF6 SMPPEM Malaysia

Results Hierarchy	Indicators				Means of Verification			Assumptions (A) / Risks (R)
	Name	Baseline	Mid-Term	End Target	Source	Frequency	Responsibility	
<p>Goal: To sustainably manage peatlands in Malaysia in an integrated manner to conserve resources, prevent degradation and fires, and generate benefits for current and future generations</p>								
<p>Development Objective: Strengthen national policy and institutional capacity for implementing peatland-related strategies and plans and to enhance integrated peatland management in targeted landscapes</p>	<ul style="list-style-type: none"> National Action Plan on Peatlands 2021-2030 	None	Prepared	Adopted, resourced and under implementation	NPMO annual reports,	Annual	NPMO	
	<ul style="list-style-type: none"> Number of tonnes of GHG emissions (CO2e) avoided and / or sequestered 	(Using 2021's data)	1.0 million MT CO2e mitigated	3.06 million MT CO2e mitigated	GHG monitoring reports	Biennial (every two years)	BPASPI	
	<ul style="list-style-type: none"> Number of individual benefiting from sustainable peatland management (with > 50% women) 	none	300 person	1000 person	Report on community engagement	Annual	SPMO/NPMO	

Results Hierarchy	Indicators				Means of Verification			Assumptions (A) / Risks (R)
	Name	Baseline	Mid-Term	End Target	Source	Frequency	Responsibility	
Outcome 1: Enhanced resources, multi-stakeholder involvement and capacity for implementing the National Action Plan on Peatlands and other policies and plans up to 2030	% increase in financial resources (from public, private and external) specifically channelled for sustainable peatland management	To be calculated at project start up		30% increase in total financing	Report on funding allocations for 2021-25 NAPP investment priorities	annual	NRE, NPMO	
Outputs: 1.1 Policies, guidelines, institutional arrangements and capacity for sustainable peatland management enhanced	Number of new or revised laws, regulations, policies, plans or strategies proposed to national-level policy makers for approval, ratification or amendment	0	3	5	NPMO annual reports, NPSC meeting minutes	Annual report and NPSC meeting minutes	NRE, NPMO	Multiple sectors work with NRE to incorporate peatland issues into policies (A)
1.2 Investment framework for NAPP 2021 – 2030 developed and adopted	NAPP investment framework adopted by national and state-level stakeholders and mainstreamed into national development plan 2021-2025	No	Under preparation	Adopted	NPMO annual reports, NPSC meeting minutes	Annual report and NPSC meeting minutes	NPMO	National development planning agencies will recognise importance of peatlands (A)

Results Hierarchy	Indicators				Means of Verification			Assumptions (A) / Risks (R)
	Name	Baseline	Mid-Term	End Target	Source	Frequency	Responsibility	
1.3 Knowledge management and exchange enhanced to support scaling-up of sustainable peatland management	Peatland Knowledge management system established and being used.	No	Established	Being used by more than x stakeholders	NPMO annual reports, SPMO reports	PMO reports	PMOs	Different agencies and sectors willing to share knowledge (A)
Outcome 2: Improved sustainable management of peatlands in target states	Increase in the use of sustainable management practices in agriculture and plantations located on peatlands	Data from MPOB and DOA	Baseline + 100,000 ha	Baseline + 300,000 ha	Monitoring reports on application of best management practices	Annual	SPMO, NPMO	
2.1 State Action Plan on Peatlands (SAPP) developed and adopted by Pahang, Sabah, Sarawak and Selangor	Adoption of SAPPs	none	2 prepared (Pahang and Selangor)	4 adopted	NPMO annual reports, SSC, NPSC meeting minutes	Annual	NPSC and SSC	All key stakeholders in targeted states support development of SAPP (A)

Results Hierarchy	Indicators				Means of Verification			Assumptions (A) / Risks (R)
	Name	Baseline	Mid-Term	End Target	Source	Frequency	Responsibility	
2.2 Best management practices introduced in agriculture and plantation sectors in Pahang, Sabah, Sarawak and Selangor	BMP guidelines and training materials reviewed and enhanced and ≥ 500 persons trained (with >25% being women)	limited	150 participants trained through TOT	500 participants trained	NPMO annual reports, NPSC meeting minutes, SPMO reports	Annual	NPSC and SSC	All targeted smallholders and commercial plantations on peat agree to be certified with MSPO Standard (A) MPIC, MPOB, MPOCC support capacity building and certification process for plantations and smallholders on peat in targeted areas (A)
2.3 Best management practices for peatland fire prevention and control in four states	BMP guidelines and training materials reviewed and enhanced and ≥ 300 persons trained	limited	130 participants	≥ 300 participants	NPMO annual reports, NPSC meeting minutes, SPMO reports	Annual	NPMO and SPMO	Effort on peat fire prevention would reduce expenses for fire-fighting and suppression on peatland and more resources will be allocated to prevention (A)

Results Hierarchy	Indicators				Means of Verification			Assumptions (A) / Risks (R)
	Name	Baseline	Mid-Term	End Target	Source	Frequency	Responsibility	
Outcome 3: Integrated Peatland Management Plans (IMPs) adopted and implementation initiated by multiple sectors in five peat landscapes	Area of peatland-dominated landscapes with IMP adopted and being implemented by multiple sectors	80,000 ha		450,000 ha	NPMO reports NPSC meeting minutes	Annual	NPMO	
3.1. Review, update and implement existing Integrated Management Plan (IMP) for North Selangor Peat Swamp Forest (NSPSF), and develop a new IMP for South Selangor Peatland Landscape	IMPs for NSPSF and SSPL adopted and implemented	IMP for NSPSF	IMP for north Selangor updated and under implementation	IMP for south Selangor adopted and under implementation	Selangor SPMO reports and SSC meeting minutes	Semi-annual	SPMO and SSC	IMP-SSPL adopted by the State Government and sufficient resources allocated to implement the IMP (A)
3.2. Review existing IMP for Southeast Pahang Peat Swamp Forest, and update and expand the scope to cover the Southeast Pahang Peatland Landscape	IMP for SEPPSF reviewed and to be included in IMP for SPPL	IMP for SEPPSF	Expanded IMP prepared	Revised IMP adopted and under implementation	Pahang SPMO reports and SSC meeting minutes	Semi-annual	SPMO and SSC	Active engagement and support from broad stakeholders for development and adoption of IMP (A)
3.3. Develop and implement new landscape level IMP for	IMP for KPPL developed, adopted and implemented by the State Government		IMP under preparation	IMP adopted and under implementation	Sabah SPMO reports and SSC meeting minutes	Semi-annual	SPMO and SSC	Active engagement and support from broad stakeholders

Results Hierarchy	Indicators				Means of Verification			Assumptions (A) / Risks (R)
	Name	Baseline	Mid-Term	End Target	Source	Frequency	Responsibility	
Klias Peninsula Peatland Landscape in Sabah								for development and adoption of IMP (A)
3.4. Develop and implement a landscape level IMP in the Maludam Peninsula, Sarawak	IMP for MPPL developed, adopted and implemented by the State Government	Mgmt. plan for National Park	IMP under preparation	IMP adopted and under implementation	Sarawak SPMO reports and SSC meeting minutes	Semi-annual	SPMO and SSC	Active engagement and support from broad stakeholders for development and adoption of IMP (A) Land conflict between Oil palm plantation and local community cannot be resolved disrupting work (R)