



GEF-8 REQUEST FOR Climate Change enabling activity

Proposal for Funding Under the GET
Processing Type: Expedite

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SECTION 1: ENABLING ACTIVITY SUMMARY

Enabling Activity Title

Development of Malaysia's Second Biennial Transparency Report and combined Third Biennial Transparency Report and Fifth National Communication under the UNFCCC

Country(ies)	GEF Enabling Activity ID
Malaysia	12306
GEF Agency(ies):	GEF Agency Enabling Activity ID
UNDP	10001
Submission Date	Expected Implementation Start
3/16/2026	6/1/2026
Project Executing Entity(s):	Executing Partner Type
Ministry of Natural Resources and Environmental Sustainability (NRES) United Nations Development Programme	Government GEF Agency
GEF Focal Area (s)	Expected Duration (In Months)
Climate Change	48
Type of Report(s)	Expected Report Submission to Convention
UNFCCC Biennial Transparency Report (BTR) UNFCCC Biennial Transparency Report/ National Communication (BTR/NC)	12/31/2026 12/31/2028



A. Funding Elements

GEF-8 Program	Trust Fund	GEF Financing (\$)
CCM-EA	GET	1,233,000.00
Total Enabling Activity Cost		1,233,000.00

Does the enabling activity deviate from typical cost ranges? Yes No

If yes, please describe

B. Enabling Activity Summary

Enabling Activity Objective

To support preparation of Malaysia's 2nd Biennial Transparency Report and a combined 3rd Biennial Transparency Report and 5th National Communication Report for the fulfilment of the obligations under the United Nations Framework Convention on Climate Change (UNFCCC) and the Paris Agreement (PA). The project will support Malaysia in complying with its commitments under the international conventions.

Enabling Activity Summary

This project is prepared in line with the GEF8 Climate Change Focal Area Strategy and Associated Programming/ Pillar II: Foster enabling conditions to mainstream mitigation concerns into sustainable development strategies/ Objective 2.2 Support relevant Convention obligations and enabling activities.

Article 13 of the Paris Agreement establishes an Enhanced Transparency Framework (ETF) for action and support designed to build trust and confidence that all countries are contributing their share to the global effort.

The new transparency system under the Paris Agreement builds on and enhances the existing systems under the Convention. National Communications (NCs), Biennial Update Reports (BURs) and the International Consultation and Analysis (ICA) processes have formed part of the experience drawn upon and contributed to improvements of capacity constraints and continuous building of capacity and expertise in advance of the ETF.

The CMA decided that Parties shall submit their first Biennial Transparency Report (BTR) and National Inventory Report (NIR), if submitted as a stand-alone report, in accordance with the adopted modalities, procedures and guidelines, at the latest by 31 December 2024 and that LDCs and SIDS may submit this information at their discretion. The Modalities, Procedures, and Guidelines (MPGs) were adopted in the Katowice Climate Package through decision 18/CMA.1 sets the rules for the implementation of the ETF under the Paris Agreement. At the COP26, the 'Paris Agreement rulebook'/MPGs has been finalized. This set of rules lays out how countries are held accountable for delivering on their climate action promises and self-set targets under their Nationally Determined Contributions (NDCs) and enable the operationalization of the enhanced transparency framework (Decision 5/CMA.3: Guidance for operationalizing the modalities, procedures and guidelines for the enhanced transparency framework referred to in Article 13 of the Paris Agreement).

The preparation of the BTR2 and BTR3/NC5 with the financial assistance of the GEF will serve to further strengthen institutional and technical capacities of Malaysia for implementing the Convention, Paris Agreement and reporting thereon to the UNFCCC. It builds from the past reporting supported by GEF namely the NC1 (2000), NC2 (2011), NC3 (2018) and NC4 (2024), 4 Biennial Update Reports (BUR) namely the BUR1 (2016), BUR2 (2018), BUR3 (2020), BUR4 (2022) and BTR1 in 2024. The project will provide the platform for furthering the development and implementation of the MRV systems for tracking emissions, mitigation, adaptation, and support within the ETF of the Paris Agreement.

The project objectives will be achieved through the outcomes and outputs as defined in the Project Framework table below. The project is divided into three main components namely 1) preparation of the BTR2, 2) BTR3 and NC5, and 3) monitoring and evaluation. Component 1 includes the preparation of national greenhouse gas inventory, NDC tracking, documentation of climate change impacts and adaptation efforts, and financial, technology and capacity building support needed and received up to 2024. Component 2 covers preparation of national greenhouse gas inventory, NDC tracking, documentation of climate change impacts and adaptation efforts, and financial, technology and capacity building support needed and received up to 2026, as well as additional information on research, systematic observation, education, training and public awareness. Component 3 outlines project support activities under the Project Management Unit.

The TER conducted on Malaysia's BTR1 identified several areas for improvement in future reporting. Key recommendations include enhancing data collection processes, particularly regarding activity data and addressing gaps such as missing fluorinated gas data. Additionally, transitioning to higher tier PICC methodologies for the energy, IPPU, and agriculture sectors was suggested to provide a more comprehensive GHG inventory report. The TER also recommended that BTR2 incorporate regular monitoring systems for carbon intensity and projection models to strengthen the tracking of mitigation efforts.

The BTR2 and BTR3/NC5 will be compiled according to the guidelines, requirements and formats set by the MPGs. Their final formats will follow the outline for the BTR and apply common reporting tables and tabular formats presented in Decision 5/CMA.3. Supplemental chapters on research and systemic observation and on education, training, and public awareness as part of the BTR3/NC5 will be compiled in accordance with applicable guidelines of Decision 17/CP.8.

In accordance with the requirement of UNFCCC, the adaptation communications shall be submitted as a component of or in conjunction with other communications and/or documents, including a national adaptation plan, a national communication, a nationally determined contribution, or a biennial transparency report. The adaptation communication was established by Article 7, paragraphs 10 and 11 of the Paris Agreement where each party towards UNFCCC should submit and update periodically an adaptation communication, which may include information on its priorities, implementation and support needs, plans and actions. The adaptation communications aim to provide information on adaptation actions and plans, with a view to enhancing action and support and contributing to the global goal on adaptation. Malaysia has submitted its First Adaptation Communication based on the chapter on Vulnerability Assessment and Adaptation Measures in Malaysia's Fourth National Communication (NC4) in 2024 pursuant to the Paris Agreement, which was prepared taking into account Decision 9/CMA.1. In ensuring the adaptation communication being submitted periodically, Malaysia's Second Adaptation Communication will be based on the chapter reported in BTR2/NC5.

BTR 2 is expected to be finalized and submitted to the UNFCCC by 31 December 2026 and the combined BTR3/NC5 is expected to be finalized and submitted to the UNFCCC by 31 December 2028.

ENABLING ACTIVITY COMPONENTS

Component 1: Development of Malaysia's Second Biennial Transparency Report (BTR2)

GEF Enabling Activity Financing (\$): 317,000.00

Outcome:

Outcome 1.1: National inventory report of anthropogenic emissions by sources and removals by sinks of greenhouse gases updated up to 2024.

Output:

Output 1.1.1: National inventory report of anthropogenic emissions by sources and removals by sinks of greenhouse gases updated to 2024, for the sectors of Energy, Industrial Processes and Product Use (IPPU), Agriculture, Forestry and Other Land Use (AFOLU) and Waste using 2019 Refinement to the 2006 Intergovernmental Panel on Climate Change (IPCC) Guidelines for National Greenhouse Gas Inventories.

Component 1: Development of Malaysia's Second Biennial Transparency Report (BTR2)

GEF Enabling Activity Financing (\$): 38,500.00

Outcome:

Outcome 1.2: Progress made in implementing and achieving the Nationally Determined Contribution (NDC) under Article 4 of the Paris Agreement compiled and the progress in the achievement of the NDC presented.

Output:

Output 1.2.1: Information necessary to track progress made in implementing and achieving the Nationally Determined Contribution (NDC) up to 2024 provided, including estimates of emissions avoided.

Component 1: Development of Malaysia's Second Biennial Transparency Report (BTR2)

GEF Enabling Activity Financing (\$): 99,000.00

Outcome:

Outcome 1.3: Climate Change impacts and adaptation under Article 7 of the PA compiled and presented.

Output:

Output 1.3.1: Information related to climate change impacts and adaptation up to 2024 provided.

Component 1: Development of Malaysia's Second Biennial Transparency Report (BTR2)

GEF Enabling Activity Financing (\$): 19,000.00

Outcome:

Outcome 1.4: Financial, technology development and transfer and capacity building support needed and received compiled and presented.

Output:

Output 1.4.1: Information on financial, technology development and transfer and capacity-building support needed and received up to 2024 provided, areas of improvement and other relevant information, including gender inclusion described.

Component 1: Development of Malaysia's Second Biennial Transparency Report (BTR2)

GEF Enabling Activity Financing (\$): 99,000.00

Outcome:

Outcome 1.5: Compilation and submission of the BTR2 to the UNFCCC.

Output:

Output 1.5.1: BTR2 compiled, adopted in a transparent and participatory process and submitted to UNFCCC by December 2026.

Component 2: Development of Malaysia's Third Biennial Transparency and 5th National Communication Report (BTR3/NC5).

GEF Enabling Activity Financing (\$): 249,500.00

Outcome:

Outcome 2.1: National inventory report of anthropogenic emissions by sources and removals by sinks of greenhouse gases updated up to 2026.

Output:

Output 2.1.1: National inventory report of anthropogenic emissions by sources and removals by sinks of greenhouse gases updated to 2026 for the sectors of Energy, IPPU, AFOLU and Waste, using 2019 Refinement to the 2006 IPCC Guidelines for National Greenhouse Gas Inventories.

Component 2: Development of Malaysia's Third Biennial Transparency and 5th National Communication Report (BTR3/NC5).

GEF Enabling Activity Financing (\$): 35,000.00

Outcome:

Outcome 2.2: Progress made in implementing and achieving NDC under Article 4 of the PA compiled and the progress in the achievement of the NDC presented.

Output:

Output 2.2.1: Information, including indicators, necessary to track progress made in implementing and achieving the NDC up to 2026 provided.

Component 2: Development of Malaysia's Third Biennial Transparency and 5th National Communication Report (BTR3/NC5).

GEF Enabling Activity Financing (\$): 96,500.00

Outcome:

Outcome 2.3: Climate Change impacts and adaptation under Article 7 of the Paris Agreement compiled and presented.

Output:

Output 2.3.1: Information related to climate change impacts and adaptation up to 2026 provided and Adaptation Communication as component of the BTR3/NC5 prepared.

Component 2: Development of Malaysia's Third Biennial Transparency and 5th National Communication Report (BTR3/NC5).

GEF Enabling Activity Financing (\$): 15,500.00

Outcome:

Outcome 2.4: Financial, technology development and transfer and CB support needed and received, including areas of improvement and other relevant information.

Output:

Output 2.4.1: Information on financial, technology development and transfer and capacity-building support needed and received up to 2026 provided, areas of improvement and other relevant information, including gender inclusion described. Information on research, systemic observation, education, training, public awareness and gender provided, in accordance with applicable guidelines in 17/CP.8 and 6/CP.25.

Component 2: Development of Malaysia's Third Biennial Transparency and 5th National Communication Report (BTR3/NC5).

GEF Enabling Activity Financing (\$): 27,000.00

Outcome:

Outcome 2.5: Research, systematic observation, education, training, and public awareness.

Output:

Output 2.5.1: Information on research, systematic observation, education, training, and public awareness, in accordance with the guidelines in 17/CP.8 and 6/CP.25.

Component 2: Development of Malaysia's Third Biennial Transparency and 5th National Communication Report (BTR3/NC5).

GEF Enabling Activity Financing (\$): 99,000.00

Outcome:

Outcome 2.6: Compilation and submission of the BTR3/NC5 to the UNFCCC.

Output:

Output 2.6.1: BTR3/NC5 compiled, adopted in a transparent and participatory process and submitted to UNFCCC by December 2028.

Component 3: Monitoring and Evaluation (M&E)

GEF Enabling Activity Financing (\$): 26,000.00

Outcome:

Outcome 3.1: Project regularly monitored in line with the M&E plan.

Output:

Output 3.1.1: Project regularly monitored, inception workshop organized, lessons learned compiled and disseminated.

Component Balances

Project Components	GEF Enabling Activity Financing (\$)
Component 1: Development of Malaysia's Second Biennial Transparency Report (BTR2)	317,000.00
Component 1: Development of Malaysia's Second Biennial Transparency Report (BTR2)	38,500.00
Component 1: Development of Malaysia's Second Biennial Transparency Report (BTR2)	99,000.00
Component 1: Development of Malaysia's Second Biennial Transparency Report (BTR2)	19,000.00
Component 1: Development of Malaysia's Second Biennial Transparency Report (BTR2)	99,000.00
Component 2: Development of Malaysia's Third Biennial Transparency and 5th National Communication Report (BTR3/NC5).	249,500.00
Component 2: Development of Malaysia's Third Biennial Transparency and 5th National Communication Report (BTR3/NC5).	35,000.00
Component 2: Development of Malaysia's Third Biennial Transparency and 5th National Communication Report (BTR3/NC5).	96,500.00
Component 2: Development of Malaysia's Third Biennial Transparency and 5th National Communication Report (BTR3/NC5).	15,500.00
Component 2: Development of Malaysia's Third Biennial Transparency and 5th National Communication Report (BTR3/NC5).	27,000.00
Component 2: Development of Malaysia's Third Biennial Transparency and 5th National Communication Report (BTR3/NC5).	99,000.00
Component 3: Monitoring and Evaluation (M&E)	26,000.00
Subtotal	1,121,000.00
Project Management Cost	112,000.00
Total Enabling Activity Cost	1,233,000.00

Please provide justification

SECTION 2: ENABLING ACTIVITY SUPPORTING INFORMATION

C. Eligibility Criteria

Please provide eligibility information for this enabling activity.

Malaysia ratified the United Nations Framework Convention on Climate Change (UNFCCC) in 1994, Kyoto Protocol in 2002 and the Paris Agreement in 2016. As Party to the Convention, Malaysia has the obligation to implement decisions of the Conference of the Parties (COP) regarding the implementation of policies and measures to adapt to, and mitigate climate change, thereby contributing to the attainment of the objective of the Convention.

To date, Malaysia has prepared and submitted 4 [National Communications](#) (NCs): the Initial National Communication (NC1) in 2000, the Second National Communication (NC2) in 2011, the Third National Communication (NC3) in 2018 and the Fourth National Communication (NC4) in 2024.

Malaysia has also prepared and submitted 4 [Biennial Update Reports](#) (BURs): First Biennial Update Report (BUR1) in 2016, Second Biennial Update Report (BUR2) in 2018, the Third Biennial Update Report (BUR3) in 2020, and the Fourth Biennial Update Report (BUR4) in 2022. Malaysia submitted the first Biennial Transparency Report (BTR) in 2024.

The preparation process of NC and BUR reports has led to the following achievements:

Successful Reporting of Malaysia's Obligations under the Paris Agreement and Increased Recognition and National and International Levels:

The preparation of NC and BUR reports has ensured that Malaysia effectively meets its international obligations under the Paris Agreement. These reports detail the country's GHG emissions, climate actions, and progress towards its NDCs. By fulfilling these requirements, Malaysia has demonstrated transparency and accountability in its climate commitments on the global stage, strengthening its position in international climate negotiations. Through the successful submission of NC and BUR reports, Malaysia has gained increased recognition both nationally and internationally. This has bolstered the country's credibility and reputation as a responsible participant in global climate efforts. Furthermore, the reports serve as valuable references for other developing nations, showcasing Malaysia's approach and progress in fulfilling its climate commitments.

Capacity Building:

The process of preparing NC and BUR reports has significantly contributed to capacity building within Malaysia's climate-related institutions. This includes enhancing the technical skills of national experts in data collection, GHG inventory compilation, and climate impact assessments. Additionally, it has fostered inter-agency collaboration and knowledge sharing, empowering various stakeholders to better understand and address climate change challenges. This enhanced capacity ensures that Malaysia can sustain and improve its climate reporting and action in the future.

(i) Enhanced Data Collection and Management and Improvement in National Climate Data Systems:

The preparation of these reports has led to the establishment of robust systems for data collection, management, and analysis. This has improved the accuracy and reliability of climate-related data, which is crucial for informed decision-making and policy formulation. The development of these systems also supports ongoing monitoring and evaluation of Malaysia's climate actions, enabling timely updates and adjustments as needed. The preparation of NC and BUR reports has driven the enhancement of national systems for climate data collection, management, and reporting. This improvement has led to more accurate and comprehensive data on greenhouse gas emissions, climate impacts, and mitigation efforts. Enhanced data systems are crucial for tracking progress, identifying areas for improvement, and informing future climate policies. This achievement has strengthened Malaysia's ability to monitor and report on its climate actions in a systematic and reliable manner.

(iv) Support for Policy Development and Implementation:

The insights gained from preparing NC and BUR reports have informed the development and implementation of national climate policies. By identifying key areas of progress and challenges, the reports provide a strong foundation for crafting targeted policies that align with Malaysia's climate goals. This has led to more effective and coherent climate action across different sectors of the economy.

Malaysia's revised NDC, updated in 2025, increases ambition by moving from an emissions target based on carbon intensity, as outlined in the 2021 NDC, to a specific goal of reducing greenhouse gases by 15–30 million tonnes of CO₂ equivalent by 2035. Of this, 20 MtCO₂eq is expected to be achieved unconditionally, with an additional 10 MtCO₂eq dependent on receiving external support. This comprehensive approach highlights Malaysia's dedication to achieving sustainable development while mitigating its greenhouse gas emissions across the board.

This project will build on the findings and recommendations from Malaysia's previous NCs, BURs and BTR as well as insights gained from the ICA process for BURs, Technical Expert Review (TER) and Facilitative, Multilateral Consideration of Progress (FMCP) for BTR. A key focus of the project is addressing the capacity-building needs, gaps, and constraints identified in these processes.

Malaysia submitted its First Biennial Transparency Report to the UNFCCC on 31 December 2024, reaffirming its commitment to ambitious climate action, transparency and collaborative leadership under the principles of equity, transparency and environmental integrity for the benefit of current and future generations. This submission marks a significant milestone in aligning national efforts with the ETF of the Paris Agreement, the identification of opportunities for improvement, and the facilitation of decision-making regarding climate action. Following submission of Malaysia's BTR1, it will be key to reference to the improvements plans and TER; FMCP. The information submitted by the Party under Article 13, paragraphs 7 and 9 of the Paris Agreement shall undergo a TER in accordance with chapter VII of the MPGs. The TER will be implemented in a facilitative, non-intrusive, non-punitive manner, be respectful of national sovereignty, and avoid placing undue burden on Parties. The TER must also pay particular attention to the respective national capabilities and circumstances of developing country Parties. Likewise, the ETF includes an FMCP with respect to each Party's efforts under Article 9 of the Paris Agreement and its respective implementation and achievement of its NDC. The FMCP will be conducted in accordance with chapter VIII of the MPGs.

Lessons learned from the preparation and submission of the BTR1 include the need to continuously build and retain technical capacities within the climate change reporting mechanism and to improve the interagency coordination for more streamlined data gathering and management. In the long run, data availability and quality issues will also need to be addressed to ensure accurate and consistent compilation of GHG inventories. These insights will be applied in the current EA project to enhance efficiency, ensure the timely delivery of outputs, and improve the overall quality of reporting.

The project aims to enhance technical capacity for more accurate GHG inventory compilation, particularly in areas where data collection and management have previously been challenging. The findings from earlier reports highlighted the need for improved data quality and accessibility, especially in sectors like LULUCF, where complex methodologies are required.

Additionally, the project will address the gaps in institutional arrangements that have been identified, ensuring more effective coordination among various agencies involved in climate reporting. This includes strengthening the institutional framework to facilitate better inter-agency communication and collaboration, which is crucial for the continuous improvement of Malaysia's climate reporting mechanisms.

The project also targets the need for more specialized training programs to develop the skills of national experts in emerging areas such as climate change adaptation, the use of advanced modeling tools, and the integration of gender considerations into climate action. These capacity-building initiatives are designed to overcome the constraints of limited technical expertise and resources that have been highlighted in previous reporting cycles.

Moreover, the project will work to streamline processes and reduce the burden on national entities responsible for data collection and reporting, addressing the capacity constraints that have hindered the timeliness and comprehensiveness of past reports. Building on past experiences and recommendations from international review processes, the project seeks to create a more resilient and capable national framework for climate action and reporting.

This comprehensive approach is critical for ensuring that Malaysia can not only meet its current climate obligations under the Paris Agreement but also effectively plan and implement future climate actions.

Stakeholders' involvement

Stakeholder involvement and consultation processes are critical to the success of the project. An effective engagement of key stakeholders has been conducted during project preparation and is envisaged during implementation, monitoring and evaluation to enhance ownership of the NC and BTR. The project proposal intends to strengthen stakeholders' collective participation in addressing climate change issues and challenges related to the identification and prioritization of activity data, mitigation and adaptation options and indicators as well as support and capacity building. The stakeholders of the project are expected to come from a wide range of backgrounds, including line ministries and agencies, local communities, local authorities, indigenous and local communities, non-governmental organizations (NGOs), mass-media, research institutions, private sector, and international organizations.

Stakeholder	Role in the project	Means of Engagement
Governmental Institutions		
<p><i>Ministry of Natural Resources and Environmental Sustainability</i></p>	<p><i>Implementing agency and overall coordination.</i></p> <p><i>National focal point of climate change and for the reporting obligation under the UNFCCC and the Paris Agreement.</i></p> <p><i>Lead Technical Working Group (TWG) GHG Inventory</i></p> <p><i>Lead TWG Mitigation – LULUCF Sector</i></p> <p><i>Lead TWG Transparency</i></p> <p><i>Member Sub-Working Group (SWG) Transparency – Agriculture, Forestry and Other Land Use (AFOLU) Sector</i></p> <p><i>Political Focal Point to GEF.</i></p> <p><i>Facilitates the adoption of policies related to sustainable development, climate change and natural resources.</i></p> <p><i>Lead for TWG Mitigation - Energy, Industrial Processes and Product Use (IPPU) & Waste Sector</i></p> <p><i>Lead for SWG Mitigation - Oil & Gas Sector</i></p> <p><i>Lead for SWG Vulnerability and Adaptation (V&A) – Energy Sector</i></p> <p><i>Member SWG Transparency - Energy Sector</i></p>	<p><i>Communication through letters and emails, and data sharing/input through established online platform.</i></p> <p><i>Hold meetings including online, workshops, focus group discussion, working group discussions.</i></p>
<p><i>Ministry of Economy</i></p>	<p><i>Political Focal Point to GEF.</i></p> <p><i>Facilitates the adoption of policies related to sustainable development, climate change and natural resources.</i></p>	<p><i>Responsible as Government development coordination authority.</i></p> <p><i>Data provider, collection and verification</i></p>

	<p><i>Lead for TWG Mitigation - Energy, Industrial Processes and Product Use (IPPU) & Waste Sector</i></p> <p><i>Lead for SWG Mitigation - Oil & Gas Sector</i></p> <p><i>Lead for SWG Vulnerability and Adaptation (V&A) – Energy Sector</i></p> <p><i>Member SWG Transparency - Energy Sector</i></p>	
<i>Ministry of Finance</i>	<i>Lead for TWG Finance, Technology and Needs (FTN)</i>	<i>Data provider, collection and verification</i>
<i>Ministry of Investment, Trade and Industry</i>	<p><i>Lead for SWG Inventory GHG – IPPU Sector</i></p> <p><i>Lead for SWG Mitigation – IPPU Sector</i></p> <p><i>Member SWG Transparency – IPPU Sector</i></p> <p><i>Member SWG Transparency – IPPU Sector</i></p>	<i>Data provider, collection and verification</i>
<i>Ministry of Science, Technology and Innovation</i>	<i>Lead for TWG FTN</i>	<i>Data provider, collection and verification</i>
<i>Ministry of Agriculture and Food Security</i>	<p><i>Lead for TWG Mitigation – Agriculture Sector</i></p> <p><i>Lead for SWG Mitigation – Agriculture Sector</i></p> <p><i>Lead for SWG V&A - Agriculture & Food Security Sector</i></p> <p><i>Members of SWG Inventory – LULUCF Sector</i></p> <p><i>Members for SWG Transparency – AFOLU Sector</i></p>	<i>Data provider, collection and verification</i>
<i>Ministry of Women, Family and Community Development</i>	<i>Gender focal point</i>	<i>Data provider, collection and verification</i>
<i>Ministry of Energy Transition and Water Transformation</i>	<p><i>Lead for SWG Mitigation – Electricity Sector</i></p> <p><i>Member SWG Transparency – Energy Sector</i></p>	<i>Data provider, collection and verification</i>
<i>Ministry of Transport</i>	<p><i>Lead for SWG Mitigation – Transport Sector</i></p> <p><i>Member SWG Transparency – Energy Sector</i></p>	<i>Data provider, collection and verification</i>
<i>Ministry of Housing and Local Government</i>	<p><i>Lead for SWG Mitigation – Waste Sector</i></p> <p><i>Lead for SWG V&A - Cities. Build Environment & Infrastructure Sector</i></p> <p><i>Member SWG Research and Systematic Observation (RSO) – AFOLU Sector</i></p>	<i>Data provider, collection and verification</i>
<i>Ministry of Health</i>	<i>Lead for SWG V&A - Public Health Sector</i>	<i>Data provider, collection and verification</i>
<i>Ministry of Domestic Trade and Costs of Living</i>	<i>Member SWG Inventory – Energy Sector</i>	<i>Data provider</i>

<i>Ministry of Utility and Telecommunication, Sarawak</i>	<i>Member SWG Inventory – Energy Sector</i>	<i>Data provider</i>
<i>Ministry of Plantation and Commodities</i>	<i>Member SWG Inventory – LULUCF Sector</i> <i>Member SWG Transparency – Energy Sector</i> <i>Member SWG Transparency – AFOLU Sector</i>	<i>Data provider</i>
<i>Ministry of Natural Resources & Urban Development, Sarawak</i>	<i>Member SWG Inventory – LULUCF Sector</i> <i>Member SWG Transparency – AFOLU Sector</i>	<i>Data provider</i>
<i>Malaysian Meteorological Department</i>	<i>Lead for TWG RSO</i> <i>Lead for TWG RSO</i>	<i>Data provider, collection and verification</i>
<i>National Hydraulic Research Institute of Malaysia</i>	<i>Lead for TWG V&A</i> <i>Member TWG RSO</i>	<i>Data provider, collection and verification</i>
<i>Forest Research Institute Malaysia</i>	<i>Lead for TWG GHG Inventory</i> <i>Lead for TWG Transparency</i> <i>Lead for SWG GHG Inventory – LULUCF Sector</i> <i>Lead for SWG Mitigation – LULUCF Sector</i> <i>Compilers for GHG Inventory LULUCF Sector</i> <i>Member TWG RSO</i> <i>Member SWG Transparency – AFOLU Sector</i>	<i>Data provider, collection and verification</i>
<i>Malaysia Agriculture Research and Development Institute</i>	<i>Lead for SWG GHG Inventory – Agriculture Sector</i> <i>Compilers for GHG Inventory Agriculture sector</i> <i>Member SWG Inventory – LULUCF Sector</i> <i>Member TWG RSO</i> <i>Member SWG Transparency – AFOLU Sector</i>	<i>Data provider, collection and verification</i>
<i>Energy Commission</i>	<i>Lead for SWG GHG Inventory – Energy Sector</i> <i>Member SWG Transparency – Energy Sector</i>	<i>Data provider, collection and verification</i>
<i>Department of Environment</i>	<i>Lead for SWG GHG Inventory – Waste Sector</i> <i>Compilers for GHG Inventory Waste sector</i> <i>Member TWG RSO</i> <i>Member SWG Transparency – IPPU Sector</i>	<i>Data provider, collection and verification</i>

<i>Forestry Department of Peninsular Malaysia</i>	<i>Lead for SWG V&A: Forestry & Biodiversity Sector</i> <i>Member TWG RSO</i> <i>Member SWG Transparency – AFOLU Sector</i>	<i>Data provider, collection and verification</i>
<i>Department of Irrigation and Drainage</i>	<i>Lead for SWG V&A: Water & Coastal Resources Sector</i> <i>Data provider and collection</i>	<i>Data provider, collection and verification</i>
<i>Department of Statistics Malaysia</i>	<i>Member SWG Inventory – LULUCF Sector</i> <i>Member SWG Transparency – AFOLU Sector</i>	<i>Data provider and collection</i>
<i>Department of Survey and Mapping Malaysia</i>	<i>Member SWG Inventory – LULUCF Sector</i>	<i>Data provider and collection</i>
<i>Sabah Forestry Department</i>	<i>Member SWG Inventory – LULUCF Sector</i>	<i>Data provider and collection</i>
<i>Sarawak Forestry Department</i>	<i>Member SWG Transparency – AFOLU Sector</i>	<i>Data provider and collection</i>
<i>Economic Planning Unit Sarawak</i>	<i>Member SWG Inventory – LULUCF Sector</i>	<i>Data provider, collection and verification</i>
<i>Sabah Forestry Department</i>	<i>Member SWG Inventory – LULUCF Sector</i>	<i>Data provider and collection</i>
<i>Department of Agriculture, Malaysia</i>	<i>Member SWG Inventory – LULUCF Sector</i>	<i>Data provider and collection</i>
<i>Department of Agriculture, Sabah</i>	<i>Member SWG Inventory – LULUCF Sector</i> <i>Member SWG Transparency – AFOLU Sector</i>	<i>Data provider and collection</i>
<i>Department of Agriculture, Sarawak</i>	<i>Member SWG Inventory – LULUCF Sector</i>	<i>Data provider and collection.</i>
<i>Department of Town and Country Planning (PLANMalaysia)</i>	<i>Member SWG Inventory – LULUCF Sector</i> <i>Member SWG Transparency – AFOLU Sector</i>	<i>Data provider and collection</i>
<i>Malaysian Space Agency</i>	<i>Member SWG Inventory – LULUCF Sector</i> <i>Member SWG Transparency – AFOLU Sector</i>	<i>Data provider and collection</i>
<i>Malaysian Palm Oil Board</i>	<i>Member SWG Inventory – LULUCF Sector</i> <i>Member TWG RSO</i> <i>Member SWG Transparency – AFOLU Sector</i> <i>Member SWG Transparency – IPPU Sector</i>	<i>Data provider and collection</i>
<i>Malaysian Rubber Board</i>	<i>Member SWG Inventory – LULUCF Sector</i> <i>Member TWG RSO</i> <i>Member SWG Transparency – AFOLU Sector</i> <i>Member SWG Transparency – IPPU Sector</i>	<i>Data provider and collection</i>
<i>Malaysian Cocoa Board</i>	<i>Member SWG Inventory – LULUCF Sector</i> <i>Member TWG RSO</i>	<i>Data provider and collection</i>

	<i>Member SWG Transparency – AFOLU Sector</i>	
<i>Natural Resources Office, Sabah</i>	<i>Member SWG Inventory – LULUCF Sector</i>	<i>Data provider and collection</i>
<i>Sustainable Energy Development Authority</i>	<i>Member SWG Mitigation – Electricity Sector</i>	<i>Data provider and collection</i>
<i>Institute for Medical Research</i>	<i>Member TWG RSO</i>	<i>Data provider and collection</i>
<i>Department of Survey and Mapping Malaysia</i>	<i>Member TWG RSO</i>	<i>Data provider and collection</i>
<i>Malaysian Green Technology and Climate Change Corporation</i>	<i>Member TWG RSO</i>	<i>Data provider and collection</i>
<i>Sarawak Biodiversity Centre</i>	<i>Member TWG RSO</i>	<i>Data provider and collection</i>
<i>Sabah Economic Planning Unit</i>	<i>Member SWG Transparency – Energy Sector</i>	<i>Data provider and collection</i>
<i>National Landscape Department</i>	<i>Member SWG Transparency – AFOLU Sector</i>	<i>Data provider and collection</i>
<i>Malaysian Timber Industry Board</i>	<i>Member SWG Transparency – AFOLU Sector</i>	<i>Data provider and collection</i>
<i>Sabah Lands and Surveys Department</i>	<i>Member SWG Transparency – AFOLU Sector</i>	<i>Data provider and collection</i>
<i>Department of Minerals and Geoscience</i>	<i>Member SWG Transparency – IPPU Sector</i>	<i>Data provider and collection</i>
<i>Malaysia Investment Development Authority</i>	<i>Member SWG Transparency – IPPU Sector</i>	<i>Data provider and collection</i>
Indigenous People and Local Communities & Gender related agencies/organisation		
<i>Department of Orang Asli Development (JAKOA)</i>	<i>Stakeholder engagement</i>	<i>Stakeholder for gender inclusion, information on capacity building, education, public awareness, information and networking</i>
<i>Pertubuhan Wanita Orang Asal Malaysia (PWOAM)</i>	<i>Stakeholder engagement</i>	
<i>Centre for Orang Asli Concerns (COAC)</i>	<i>Stakeholder engagement</i>	
Academia		
<i>Institute of Energy Policy and Research, Universiti Tenaga Nasional</i>	<i>Compilers for GHG Inventory IPPU and Energy sectors</i> <i>Member SWG Transparency – IPPU Sector</i>	<i>Data collection</i>
<i>Department of Biological Science, Sunway University</i>	<i>Member TWG RSO</i>	<i>Data provider and collection</i>
<i>Solar Energy Research Institute, Universiti Kebangsaan Malaysia</i>	<i>Member TWG RSO</i>	<i>Data provider and collection</i>
<i>Department of Earth and Environment, Univeristi Kebangsaan Malaysia</i>	<i>Member TWG RSO</i>	<i>Data provider and collection</i>
<i>Institute of Ocean and Earth Science, Universiti Malaya</i>	<i>Member TWG RSO</i>	<i>Data provider and collection</i>

<i>Advanced Lightning Energy & Power Research, Universiti Putra Malaysia</i>	<i>Member TWG RSO</i>	<i>Data provider and collection</i>
<i>Institute of Climate Change, Universiti Kebangsaan Malaysia</i>	<i>Member TWG RSO</i>	<i>Data provider and collection</i>
<i>Southeast Asia Disaster Prevention Research Initiative</i>	<i>Stakeholder engagement</i>	<i>Data and input provider</i> <i>Stakeholder for information on capacity building, education, public awareness, information and networking</i>
Private sector		
<i>Petroleum Nasional Berhad (PETRONAS)</i>	<i>Member SWG Inventory – Energy Sector</i> <i>Member SWG Transparency – IPPU Sector</i>	<i>Data provider and collection</i>
<i>Single Buyer</i>	<i>Member SWG Inventory – Energy Sector</i> <i>Member SWG Mitigation – Electricity Sector</i> <i>Member SWG Transparency – Energy Sector</i>	<i>Data provider and collection</i>
<i>Sabah Electricity Sdn. Bhd.</i>	<i>Member SWG Inventory – Energy Sector</i> <i>Member SWG Transparency – Energy Sector</i>	<i>Data provider and collection</i>
<i>Sarawak Energy Berhad</i>	<i>Member SWG Inventory – Energy Sector</i> <i>Member SWG Transparency – Energy Sector</i> <i>Member SWG Transparency – IPPU Sector</i>	<i>Data provider and collection</i>
<i>Energy Commission of Sabah</i>	<i>Member SWG Inventory – Energy Sector</i>	<i>Data provider and collection</i>
<i>Sarawak Economic Development Corporation (SEDC)</i>	<i>Member SWG Inventory – Energy Sector</i>	<i>Data provider and collection</i>
<i>Standard and Industrial Research of Malaysia</i>	<i>Member TWG RSO</i>	<i>Data provider and collection</i>
<i>TNB Research</i>	<i>Member TWG RSO</i> <i>Member SWG Transparency – IPPU Sector</i>	<i>Data provider and collection</i>
<i>Sarawak Tropical Peat Research Institute</i>	<i>Member TWG RSO</i>	<i>Data provider and collection</i>
<i>Indah Water Konsortium Sdn. Bhd.</i>	<i>Member SWG Transparency – IPPU Sector</i>	<i>Data provider and collection</i>
NGOs, CSOs		
<i>World Wide Fund for Nature Malaysia</i>	<i>Member TWG RSO</i>	<i>Data and input provider</i>
<i>Reef Check Malaysia</i>	<i>Member TWG RSO</i>	
<i>Centre for Environment, Technology and Development Malaysia</i>	<i>Stakeholder engagement</i>	
<i>Malaysia Nature Society</i>	<i>Stakeholder engagement</i>	

<i>Malaysian Iron and Steel Industry Federation</i>	<i>Stakeholder engagement</i>	<i>Stakeholder for information on capacity building, education, public awareness, information and networking</i>
<i>The Cement and Concrete Association of Malaysia</i>	<i>Stakeholder engagement</i>	
<i>Global Environment Centre</i>	<i>Stakeholder engagement</i>	
<i>Environment Protection Society Malaysia</i>	<i>Stakeholder engagement</i>	
<i>Malaysian Environment NGOs</i>	<i>Stakeholder engagement</i>	
<i>Sahabat Alam Malaysia</i>	<i>Stakeholder engagement</i>	
<i>PowerShift Malaysia</i>	<i>Stakeholder engagement</i>	
<i>Klima Action Malaysia</i>	<i>Stakeholder engagement</i>	
<i>Federation of Malaysian Manufacturers</i>	<i>Stakeholder engagement</i>	

A preliminary stakeholder engagement plan envisages the following meetings:

- (i) Inception workshop to discuss conceptual framework and design for each report/area of work; and to highlight any prevailing challenges to data acquisition and sharing, monitoring, assessment and reporting.
- (ii) Stakeholder consultations workshops to engage stakeholders and ensure their continuous involvement in the report preparation process.
- (iii) Capacity building workshops on the thematic areas of the ETF, BTRs and NCs.
- (iv) Individual meetings of thematic working groups with sector representatives.
- (v) Group discussions to solicit ideas, create synergies and opportunities for networking, knowledge sharing and joint actions.
- (vi) Validation workshops to discuss results and validate accuracy of the analyses and assure quality of the results.
- (vii) Final dissemination workshop to discuss findings, raise awareness and reinforce collaboration and networking.

The stakeholder engagement plan will be consolidated and implemented in alignment with the Gender Action Plan ensuring that gender equality considerations are firmly integrated throughout project interactions with stakeholders.

Gender mainstreaming:

The project will emphasise and mainstream gender consideration in the BTRs and NC processes to enhance gender responsiveness in all the various project stages as follow:

- (i) Initial preparation stage: include personnel to perform general gender analysis on project team and stakeholders involved in the project, and work with ministry responsible for gender equality to ensure equal gender engagement among stakeholders from government, private sector, civil society and academia.

- (ii) Stocktaking and reporting: collect sex-disaggregated data across all areas, where possible.
- (iii) Inception workshop on initial BTR process: where necessary, hold side meetings to discuss effective gender mainstreaming and climate change advocacy.
- (iv) Preparation of BTRs and NC: Identify and report gender using indicators relevant to the BTR and NC processes. The example of indicators includes:

Indicator	Type	Level of Measure	Source	Demonstrates
Number of women in technical positions in national climate change	Direct	Effect	Administrative data	Women's participation in climate change decision making and leadership
Gender of participants in Consultation and Engagement workshops	Direct	Effect	Administrative data, Progress Monitoring Report	Awareness level

The project will ensure to the possible extent the representation of women and vulnerable communities in workshops and trainings and as beneficiaries of the public awareness programme. The project will also build their capacity in educational activities in other initiatives which address climate change.

Gender disaggregated data will be collected and analysed under the project to support systematic integration of gender-sensitive actions in the preparation process of BTR2, BTR3 and NC5. The reports will include a gender analysis that will form the basis for continuous improvement analysis to better understanding gendered effects of climate change and to integrate and mainstream gender perspective in the preparation of future reports to the UNFCCC.

The BTR Gender Action Plan will build on the initial work done in BTR1.

National reporting can be a meaningful entry point for training, awareness-raising, and capacity-building efforts to ensure women's equal engagement so that they benefit from these processes. Preparation of reports can also influence ongoing climate change planning and policymaking.

In the previous 4NC/4BUR project, gender analysis and action plan were not substantially developed as the gender consideration in climate change reporting was a new area in the Malaysia's national reporting to the UNFCCC. However, reporting was included based on three indicators, with sex disaggregated data collected throughout the national reporting processes as follows:

Indicator	Type	Level of Measure	Source	Demonstrates
Number of women in technical positions in national climate change committees	Direct	Effect	Administrative data	Women's participation in climate change decision making and leadership
Women and men participating in Consultation and Engagement Workshops by NRES	Direct	Effect	Administrative Data, Progress Monitoring Report	Awareness level
Women and men participating in consultation and engagement workshops on climate change	Direct	Effect	Administrative Data, Progress Monitoring Report	Awareness level

The collection of sex disaggregated data for the National Circumstances chapter of the 4NC was carried out with the objective to better understand how the social and economic differences between people of different genders affect the capacity of mitigating and adapting to climate change.

This project will apply the “*GENDER RESPONSIVE NATIONAL COMMUNICATIONS TOOLKIT*”^[1] developed by the Global Support Program (GSP) through UNDP and in collaboration with UNEP and GEF and its updated version upon its availability. In line with [the GEF SEC’s policy on gender equality](#)^[2] and [Guidance to advance gender equality in GEF projects and programs](#)^[3].

An initial stocktaking and gender analysis across all areas will be conducted to assess and understand the dynamics of gender and climate change where deeper analysis and action is required. The areas where data and information on gender and climate change are not available will be identified with priorities and steps to fill gaps.

The update of the national circumstances under each component will disaggregate relevant data by sex with the objective to better understand how the social and economic differences between men and women affects the capability of dealing with mitigating and adapting to climate change. Noting that women are being acknowledged as agents of change who make important contributions to climate change adaptation and mitigation, a gender perspective will be incorporated in the climate change impacts and adaptation and NDC progress assessment and preparation of mitigation actions.

The Project will provide capacity-building in relation to NC/BTR purpose and content, gender issues in environment and their role in the NC/BTR processes if necessary.

The project will encourage the active participation of women and men in decision-making processes. Gender balance will be considered in project management structures and capacity building actions (trainings and workshops).

[1] https://www.un-gsp.org/sites/default/files/documentos/undp_gender_responsive_national_communications_toolkit_0.pdf

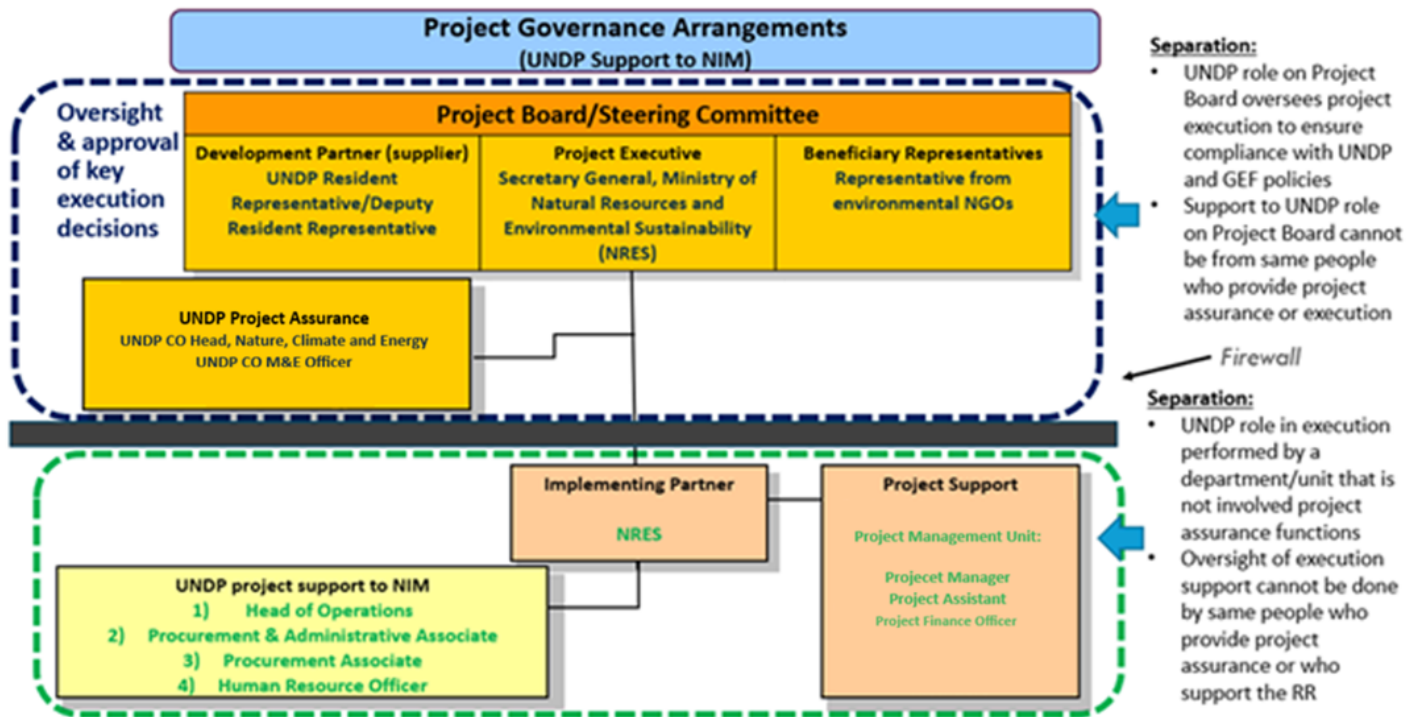
[2] http://www.thegef.org/sites/default/files/council-meeting-documents/EN_GEF.C.53.04_Gender_Policy.pdf

[3] http://www.thegef.org/sites/default/files/council-meeting-documents/EN_GEF.C.54.Inf_05_Guidance_Gender_0.pdf

D. Institutional Framework

Describe the institutional arrangements for implementation of the enabling activity.

The project will be implemented under the National Implementation Modality (NIM) with UNDP’s support with the Ministry of Natural Resources and Environmental Sustainability of Malaysia (NRES) as the Executing Entity.



The Executing Entity is responsible for executing this project. Specific tasks include:

- Project planning, coordination, management, monitoring, evaluation and reporting. This includes providing all required information and data necessary for timely, comprehensive and evidence-based project reporting, including results and financial data, as necessary. The Executing Entity will strive to ensure project-level M&E is undertaken by national institutes and is aligned with national systems so that the data used and generated by the project supports national systems.
- Overseeing the management of project risks as included in this project document and management of new risks that may emerge during project implementation.
- Procurement of goods and services, including human resources.
- Financial management, including overseeing financial expenditures against project budgets.
- Approving and signing the multiyear workplan.
- Approving and signing the combined delivery report at the end of the year.
- Signing the financial report or the funding authorization and certificate of expenditures.

The Project Management Unit (PMU) will oversee project implementation activities and will be responsible for the day-to-day management of the project, monitoring and evaluation. The PMU consists of the National Project Director, Project Manager, Project Assistant, relevant officers from the National Greenhouse Gas Centre (MyGHG), Climate Change Division of NRES and other appointed personnel (project team) to support the PMU's function. The PMU may invite representatives from the respective division of the Ministry of Economy, TWG Chairs (or Co-Chairs) and SWG Chairs/Co-Chair when applicable and UNDP representatives to their meetings. The PMU will be the executive and operational unit that will coordinate and implement the project activities for the preparation of the BTR2 and BTR3/NC5.

The Government will provide support to the project through providing equipment and premises for conferences and meetings.

Day-to-day management of the project will be assured by the project manager, who will be responsible for setting up the project team, while the national focal point will monitor and verify the project results.

The Executing Entity and GEF OFP have requested UNDP to provide support services in the amount of *USD\$ 29,163.13* for the full duration of the project, and the GEF has agreed for UNDP to provide such execution support services **on condition that such costs will not be charged to the GEF project budget but will be fully covered by non-GEF resources**. The execution support services, **financed from other sources**, have been **outlined** in detail and agreed **upon** between the UNDP Country Office and the Executing Entity in a Letter of Agreement (LOA). This LOA is attached to the Agency Project Document. To ensure the strict independence required by the GEF, in accordance with the UNDP Internal Control Framework, these execution services will be delivered independently of the GEF-specific oversight and quality assurance services.

The Project Board, also called the National Steering Committee (NSC), will be the highest policy-level body, which will provide support and guidance to the implementation of the project and ensure that the project findings are disseminated to, and validated by, all relevant stakeholders in Malaysia. To ensure UNDP's ultimate accountability, NSC decisions should be made in accordance with standards that shall ensure management for development results, best value money, fairness, integrity, transparency, and effective international competition.

Project Oversight – Project Board:

The two main (mandatory) roles of the NSC are as follows:

(1) High-level oversight of the execution of the project by the Executing Entity (as explained in the “Provide Oversight” section of the UNDP Programme and Operations Policies and Procedures). This is the primary function of the project board and includes annual (and as-needed) assessments of any major risks to the project, and decisions/agreements on any management actions or remedial measures to address them effectively. The NSC reviews evidence of project performance based on monitoring, evaluation and reporting, including progress reports, evaluations, risk logs and the combined delivery report. The NSC is responsible for taking corrective action as needed to ensure the project achieves the desired results.

(2) Approval of strategic project execution decisions of the Executing Entity with a view to assess and manage risks, monitor and ensure the overall achievement of projected results and impacts and ensure long term sustainability of project execution decisions of the Executing Entity (as explained in the “Manage Change” section of the UNDP POPP).

UNDP is accountable to the GEF for the implementation of this project. This includes overseeing project execution undertaken by the Executing Entity to ensure that the project is being carried out in accordance with UNDP and GEF policies and procedures and the standards and provisions outlined in the Delegation of Authority (DOA) letter for this project. The UNDP GEF Executive Coordinator, in consultation with UNDP Bureaus and the Executing Entity, retains the right to revoke the project DOA, suspend or cancel this GEF project. UNDP is responsible for the Project Assurance function in the project governance structure and presents to the NSC and attends NSC meetings as a non-voting member. A strict firewall will be maintained between the delivery of project oversight and quality assurance performed by UNDP and project execution undertaken by UNDP.

The institutional structure of the project will be based on the existing institutional arrangements used in the preparation of 4NC/4BUR. Preparation processes of the BTR2 and BTR3/NC5 will be closely coordinated by the UNFCCC National Focal Point in Malaysia. The NSC, which will guide the BTR and NC project, is composed of representatives from related ministries, agencies, and relevant stakeholders. It is chaired by the Secretary General of the Ministry of Natural Resources and Environmental Sustainability, Malaysia.

The following existing technical working groups (TWGs) will assist with the preparation of various components of the NC and BTR based on the information that need to be reported such as National Inventory Report, Mitigation, NDC Tracking and Projection and Finance, Technology Transfer and Capacity Building in the BTR. Meanwhile, National Circumstances, National Inventory, Mitigation Assessment, Vulnerability and Adaptation Assessment, Research and Systematic Observation, Capacity Building, Education, Public Awareness, Information Sharing and Networking and Constraints, Gap, Level of Support and Needs for the NC report. The reporting

outlines are based on the UNFCCC decision from time to time. Each thematic working group will comprise of experts from public and private sectors, communities, and NGOs, as appropriate:

- (i) Technical Working Group Greenhouse Gas Inventory;
- (ii) Technical Working Group NDC Tracking/ Mitigation;
- (iii) Technical Working Group Vulnerability & Adaptation;
- (iv) Technical Working Group Finance, Technology and Needs;
- (v) Technical Working Group Research & Systematic Observation; and
- (vi) Technical Working Group Transparency Related Activities.

The six TWGs will look into various technical matters relating to the project's outputs and will be chaired by respective agencies' heads. Each of the TWG will be working based on the related national reporting requirements under the UNFCCC.

E. Monitoring and Evaluation Plan

Describe the budgeted M&E plan.

The project monitoring and evaluation will be carried out according to UNDP and GEF programming policies and procedures.

Inception Workshop and Report: A project Inception Workshop will be held within 2 months from the First disbursement date, with the aim to:

- a. Familiarize key stakeholders with the detailed project strategy and discuss any changes that may have taken place in the overall context since the project idea was initially conceptualized that may influence its strategy and implementation.
- b. Discuss the roles and responsibilities of the project team, including reporting lines, stakeholder engagement strategies and conflict resolution mechanisms.
- c. Review the results framework and monitoring plan.
- d. Discuss reporting, monitoring and evaluation roles and responsibilities and finalize the M&E budget, if applicable; identify national/regional institutes to be involved in project-level M&E; discuss the role of the GEF OFP and other stakeholders in project-level M&E.
- e. Update and review responsibilities for monitoring project strategies, including the risk log; SESP report, Social and Environmental Management Framework (where relevant) and other safeguard requirements; project grievance mechanisms; gender strategy; knowledge management strategy, and other relevant management strategies.

Review financial reporting procedures and budget monitoring and other mandatory requirements and agree on the arrangements for the annual audit.

Plan and schedule National Steering Committee meetings and finalize the first-year annual work plan.

Formally launch the Project.

The Project Manager will prepare the inception report no later than one month after the Inception Workshop. The Inception Report will be prepared in one of the official UN languages, duly signed by designated persons, cleared by the UNDP Country Office and the UNDP Climate Hub Regional Technical Adviser, and will be approved by the National Steering Committee.

Annual progress: Status Survey Questionnaires to indicate progress and identify bottlenecks as well as technical support needs will be carried out once a year, in line with GEF and UNFCCC reporting requirements for NCs and BTRs.

Lessons learned and knowledge generation: Results from the project will be disseminated within and beyond the project intervention area through existing information sharing networks and forums. The project will identify and participate, as relevant and appropriate, in scientific, policy-based and/or any other networks, which may be of benefit to the project. The project will identify, analyze and share lessons learned that might be beneficial to the design and implementation of similar projects, including efforts to mainstream gender consideration, and disseminate these lessons widely. There will be continuous information exchange between this project and other projects of similar focus in the same country, region and globally.

End of Project: Six months before the project ends, the project team will organize the end of project workshop to present the final results and the way forward (to agree on priorities, follow up projects and their implementation modality). During the last three months prior to the operational closure, the project team will prepare the EA Completion Memorandum. This comprehensive report (in English) will summarize the results achieved (objectives, outcomes, outputs), lessons learned, problems met and areas where results may not have been achieved. It will also lay out recommendations for any further steps that may need to be taken to ensure sustainability and replicability of the project's results. The End of Project Report shall be discussed with the Project Board during an end-of-project review meeting to discuss lessons learned and opportunities for scaling up.

Monitoring and Evaluation Plan and Budget:		
GEF M&E Requirements	Indicative costs (US\$)	Time frame
Inception Workshop	10,000	Within 2 months from the date First Disbursement
Inception Report	None	Within 30 days after Inception Workshop
Monitoring of indicators in project results framework	16,000	Annually
Monitor the implementation of Gender Action Plan, Knowledge Management (KM) Plan, Communication Plan and SESP	None	Ongoing
Supervision missions^[4]	None	N/A
Learning missions	None	N/A
EA Completion Memorandum	None	3 months before operational closure
TOTAL indicative COST	26,000	

^[4] The costs of UNDP Country Office and UNDP-GEF Unit's participation and time are charged to the GEF Agency Fee.

SECTION 3: INFORMATION TABLES

F. GEF Financing Resources Requested by Agency, Country and Programming of Funds

GEF Agency	Trust Fund	Country/ Regional/ Global	Focal Area	Programming of Funds	GEF Enabling Activity Financing (\$)	Agency Fee (\$)	Total (\$)
UNDP	GET	Malaysia	Climate Change	CC Set-Aside	1,233,000.00	117,135.00	1,350,135.00
Total GEF Resources					1,233,000.00	117,135.00	1,350,135.00

Sources of Funds for Country Star Allocation

GEF Agency	Trust Fund	Country/ Regional/ Global	Focal Area	Sources of Funds	Total(\$)
Total GEF Resources					0.00

G. Rio Markers

Climate Change Mitigation	Climate Change Adaptation	Biodiversity	Desertification
Principal Objective 2	Significant Objective 1	No Contribution 0	No Contribution 0

H. Record of Endorsement of GEF Operational Focal Point(s) on Behalf of the Government(s):

Please attach the *Operational Focal Point endorsement letter(s)* with this template.

Name	Position	Ministry	Date (MM/DD/YYYY)
Ms. Nor Yahati Binti Awang	Deputy Secretary General (Environmental Sustainability)	Ministry of Natural Resources and Environmental Sustainability	11/30/2025

ANNEX A: RESPONSES TO STAKEHOLDER COMMENTS

Describe how the enabling activity has addressed comments from stakeholders, including Council Members, Convention Secretariats, and STAP (if applicable).

N/A

ANNEX B: PROJECT BUDGET TABLE

Attach the project budget table.

Separately Attached

Detailed Description	Component (USDeq.)	Component 1	Component 2	Sub-Total	M&E	PMC	Total (USDeq.)	(Executing Entity receiving funds from the GEF Agency)[1]
Information Technology Equipmt	IT equipment to support the development of national inventory report (NIR)	4,000		4,000			4,000	NRES
Information Technology Equipmt	IT equipment to support the project management team			-		5,000	5,000	NRES
Subtotal - Equipment [Goods]		4,000	-	4,000	-	5,000	9,000	
Contractual Services-Individual	Local consultant - Writer for writup (FTC, Gender, Article 6)	15,000	11,000	26,000			26,000	UNDP
Contractual Services-Individual	Local consultant - Consultant to support writing/proofreading for Component1-the BTR2 report; Component 2 - for the BTR3 and NC5 reports	12,000	12,000	24,000			24,000	UNDP
Contractual Services-Individual	Local consultant - Writer for writup (Research, systematic observation, education, training, and public awareness)		22,000	22,000			22,000	NRES
Contractual Services-Individual	Local consultant-Self-assessment and stocktaking exercise for report preparation.			-	10,000		10,000	NRES
Contractual Services-Individual	Project Manager-Partial Technical and coordination support under Outcome 1.5 and 2.6 equivalent to USD 84,000 and under PMC for day-to-day operation for USD 12,000 (based on a rate of USD 2,000/month).	42,000	42,000	84,000		12,000	96,000	NRES
Contractual Services-Individual	Project Assistant-Partial Technical support under Outcome 1.5 and 2.6 equivalent to	36,000	36,000	72,000		12,000	84,000	NRES



Detailed Description	Component (USDeq.)	Component 1	Component 2	Sub-Total	M&E	PMC	Total (USDeq.)	(Executing Entity receiving funds from the GEF Agency)[1]
	USD 72,000 over the project duration and under PMC for day-to-day operation for USD 12,000 (based on USD 1,750/month).							
Contractual Services-Individual	Project Financial Officer - USD 1,500/month × 48 months = USD 72,000			-		72,000	72,000	NRES
Subtotal -Contractual Services- Individual		105,000	123,000	228,000	10,000	96,000	334,000	
Contractual Services-Companies	Component1 (\$300,000) Data compilation for BTR2 development involving: Implementing agencies/consultants to update the GHG inventory data to 2024 and time series data from 1990 Implementing agencies/consultants to develop country specific emission factors in key categories Implementing agencies/consultants to enhance activity data in key categories Implementing agencies/consultants to conduct uncertainty assessment Implementing agencies/consultants to follow the any related requirement with Annex V of Decision 5/CMA.3 and Decision 18/CMA.1	300,000	240,000	540,000			540,000	NRES



Detailed Description	Component (USDeq.)	Component 1	Component 2	Sub-Total	M&E	PMC	Total (USDeq.)	(Executing Entity receiving funds from the GEF Agency)[1]
	(Estimation: USD 5,000 x 12 months x 5 agencies) Component 2 (\$240,000) Data compilation for BTR3/NCS development involving: Implementing agencies/consultants to update the GHG inventory data to 2026 and time series data from 1990 Implementing agencies/consultants to develop country specific emission factors in key categories Implementing agencies/consultants to enhance activity data in key categories Implementing agencies/consultants to conduct uncertainty assessment Implementing agencies/consultants to follow the any related requirement with Annex V of Decision 5/CMA.3 and Decision 18/CMA.1 (Estimation: USD 4,000 x 12 months x 5 agencies)							



Detailed Description	Component (USDeq.)	Component 1	Component 2	Sub-Total	M&E	PMC	Total (USDeq.)	(Executing Entity receiving funds from the GEF Agency)[1]
Contractual Services-Companies	<p>Component 1 (\$30,000) Tracking the progress of NDC implementation up to 2024, for BTR2 development This include: Implementing agencies/consultants to develop/update the projection of GHGs emissions and removals Implementing agencies/consultants to support long terms GHG emissions reduction strategy (Policies, Actions, Measures - PAMs) Implementing agencies/consultants to support tracking the progress of NDC implementation using the NDC tracking indicators Implementing agencies/consultants to follow the any related requirement with Annex V of Decision 5/CMA.3 and Decision 18/CMA.1 (Estimation: USD625 x 12 months x 4 agencies)</p> <p>Component 2 (\$30,000) Tracking progress of NDC implementation to be reported under BTR3/NC5 Implementing agencies/consultants to develop/update the projection of</p>	30,000	30,000	60,000			60,000	UNDP



Detailed Description	Component (USDeq.)	Component 1	Component 2	Sub-Total	M&E	PMC	Total (USDeq.)	(Executing Entity receiving funds from the GEF Agency)[1]
	GHGs emissions and removals Implementing agencies/consultants to support long terms GHG emissions reduction strategy (Policies, Actions, Measures - PAMs) Implementing agencies/consultants to track NDC implementation using NDC indicators up to 2026 Implementing agencies/consultants to follow the any related requirement with Annex V of Decision 5/CMA.3 and Decision 18/CMA.1 (Estimation: USD625/month x 12 month x 4 agencies)							
Contractual Services-Companies	Component1 (\$95,000) Implementing agencies/consultants to collect data from various agencies/sources, reports, and official documents, conducting desk research, climate change modelling, climate change impacts and adaptation measures (Estimation: USD3958.33/month X 12 months x 2 agencies) Component 2 (\$90,000) Implementing agencies/consultants to collect data from various	95,000	90,000	185,000			185,000	UNDP



Detailed Description	Component (USDeq.)	Component 1	Component 2	Sub-Total	M&E	PMC	Total (USDeq.)	(Executing Entity receiving funds from the GEF Agency)[1]
	agencies/sources, reports, and official documents, conducting desk research, climate change modelling, vulnerability and impact assessments on Vulnerability and Adaptation Implementing agencies/consultants to draft the research, systemic and observation (RSO) segment (Estimation: USD3,750/month X 12 months X 2 agencies)							
Subtotal Contractual Services- Companies		425,000	360,000	785,000	-	-	785,000	
Training, Workshops, Meetings	Stakeholder consultation workshops and meetings Training/ capacity building for GHG compilers/MyGHG related with 2006 IPCC Guidelines	9,000		9,000			9,000	NRES
Training, Workshops, Meetings	Stakeholder consultation workshops and meetings Training/ capacity building for implementing agencies/compiler s/MyGHG for NDC tracking and mitigation (cross cutting)	6,000		6,000			6,000	NRES
Training, Workshops, Meetings	Stakeholder consultation workshops, meetings and capacity building sessions related with implementing agencies/consultants/MyGHG for vulnerability and adaptation	2,000		2,000			2,000	NRES

Detailed Description	Component (USDeq.)	Component 1	Component 2	Sub-Total	M&E	PMC	Total (USDeq.)	(Executing Entity receiving funds from the GEF Agency)[1]
Training, Workshops, Meetings	Stakeholder consultation workshops and meetings related with FTC, gender and Article 6	2,500		2,500			2,500	NRES
Training, Workshops, Meetings	Stakeholder consultation workshops to review the draft report	4,000		4,000			4,000	NRES
Training, Workshops, Meetings	Stakeholder consultation workshops and meetings Training/ capacity building for GHG compilers/MyGHG related with 2006 IPCC Guidelines		7,000	7,000			7,000	NRES
Training, Workshops, Meetings	Stakeholder consultation workshops and meetings Training/ capacity building for implementing agencies/compiler s/MyGHG for NDC tracking and mitigation (cross cutting)		3,500	3,500			3,500	NRES
Training, Workshops, Meetings	Stakeholder consultation workshops, meetings and capacity building sessions related with implementing agencies/consultants/MyGHG		3,500	3,500			3,500	NRES
Training, Workshops, Meetings	Stakeholder consultation workshops and meetings related with FTC, gender and Article 6		2,500	2,500			2,500	NRES
Training, Workshops, Meetings	Stakeholder consultation workshops and meetings related to research, systematic observation, education,		3,000	3,000			3,000	NRES

Detailed Description	Component (USDeq.)	Component 1	Component 2	Sub-Total	M&E	PMC	Total (USDeq.)	(Executing Entity receiving funds from the GEF Agency)[1]
	training, and public awareness.							
Training, Workshops, Meetings	Stakeholder consultation workshops to review the draft report		4,000	4,000			4,000	NRES
Training, Workshops, Meetings	Inception workshop			-	10,000		10,000	NRES
Training, Workshops, Meetings	PMG coordination meetings, related stakeholder consultations workshops			-		6,000	6,000	NRES
Subtotal Training, Workshops, Meetings		23,500	23,500	47,000	10,000	6,000	63,000	
Travel	Travel costs for Component 1 (\$10,000), Component 2 (\$11,000), M&E (\$6,000) and PMC (\$5,000)	10,000	11,000	21,000	6,000	5,000	32,000	NRES
Subtotal Travel		10,000	11,000	21,000	6,000	5,000	32,000	
Audio Visual&Print Prod Costs	Printing and publication of the BTR2 report	5,000		5,000			5,000	NRES
Audio Visual&Print Prod Costs	Printing and publication of the BTR3 and NCS reports		5,000	5,000			5,000	NRES
Subtotal Other Operating Costs		5,000	5,000	10,000	-	-	10,000	
Grand Total		572,500	522,500	1,095,000	26,000	112,000	1,233,000	

ANNEX C: ENVIRONMENTAL AND SOCIAL SAFEGUARDS

Attached any screening documents or other ESS related documents (if applicable). ESS screening is not required for EAs but should be included if its available.

Check this box is ESS screening is not required per Agency's regulations

Title

SESP Malaysia_BTR2+BTR3/NC5