



## COUNTRY PROGRAMME ACTION PLAN 2016-2020



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### ANNUAL PROGRESS REPORT 2018

Third National Communication to the UNFCCC and Biennial Update Reporting

Award ID: 00077556

Project ID: 00088260

#### PROJECT DESCRIPTION (500 characters max):

To assist Malaysia in meeting the reporting requirements under Article 12 of the UNFCCC, strengthen its technical and institutional capacities to implement the Convention, and prepare the submission of the first Biennial Update Report

<b>UNDP MALAYSIA CPAP OUTCOME:</b> <input type="checkbox"/> Inclusive Growth & Development <input checked="" type="checkbox"/> Sustainable & Resilient Development	<b>11<sup>th</sup> MALAYSIA PLAN STRATEGIC THRUST:</b> Pursuing green growth for sustainability and resilience	<b>GENDER MARKER RATING:</b>
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#### PROJECT PROFILE

<b>PROJECT PERIOD:</b> Jan 2014 – Dec 2017		<b>REVISED PERIOD (if any):</b> (4 years from signing) ends April 2018	
<b>PROJECT BUDGET:</b> USD 852,000 (GEF) USD 300,000 (Cost-sharing)	<b>REVISED BUDGET (if any):</b> -	<b>2018 BUDGET (AWP):</b> USD 59,554 (GEF) USD 21,000 (Cost-sharing)	<b>Revised 2018 budget amount:</b> -

<b>IMPLEMENTING PARTNER:</b> Ministry of Energy, Science, Technology, and Climate Change (MESTECC)	
<b>NATIONAL PROJECT DIRECTOR:</b> Jaya Singam Rajoo, Under Secretary, Environmental Management and Climate Change Division, MESTECC	<b>NATIONAL STEERING COMMITTEE CHAIR:</b> [TBD]

#### PROJECT IMPLEMENTATION

<b>2018 UTILIZATION (AS OF 31 DECEMBER 2018):</b> 84,908.45	<b>RATIO OF 2018 BUDGET (%):</b> 99.83%
<b>PROJECT UTILIZATION TO-DATE:</b> 848,651.23	<b>RATIO OF TOTAL BUDGET (%):</b> 99.61%

#### PROJECT STATUS

	Project scheduled for Year 1 implementation in 2018	<b>National/Project Steering Committee Meetings:</b> 23.3.2018
	Project scheduled for Year 2 and above implementation in 2019	
	Project scheduled for completion in 2018, but extended to 2019	
X	Project completed in 2018	



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### Project Outcome Snapshot

Outcome Description	2017	2018
<b>Outcome 1: Efficient and operational institutional framework (which includes technical and policy aspect) for the effective governance of CC in Malaysia</b>		
Output 1: Availability of work plan of roles of key stakeholders	<input type="checkbox"/> On Track <input type="checkbox"/> Off Track <input checked="" type="checkbox"/> Achieved <input type="checkbox"/> Not Achieved	<input type="checkbox"/> On Track <input type="checkbox"/> Off Track <input checked="" type="checkbox"/> Achieved <input type="checkbox"/> Not Achieved
Output 2: Capacity building workshops and training sessions for policy makers, scientific studies and awareness programme for public and private sectors	<input type="checkbox"/> On Track <input type="checkbox"/> Off Track <input checked="" type="checkbox"/> Achieved <input type="checkbox"/> Not Achieved	<input type="checkbox"/> On Track <input type="checkbox"/> Off Track <input checked="" type="checkbox"/> Achieved <input type="checkbox"/> Not Achieved
Output 3: An interactive web portal on climate change information and communication system	<input type="checkbox"/> On Track <input type="checkbox"/> Off Track <input checked="" type="checkbox"/> Achieved <input type="checkbox"/> Not Achieved	<input type="checkbox"/> On Track <input type="checkbox"/> Off Track <input checked="" type="checkbox"/> Achieved <input type="checkbox"/> Not Achieved
Output 4: Training on the application of different climate models for the integration planning into national development	<input type="checkbox"/> On Track <input type="checkbox"/> Off Track <input checked="" type="checkbox"/> Achieved <input type="checkbox"/> Not Achieved	<input type="checkbox"/> On Track <input type="checkbox"/> Off Track <input checked="" type="checkbox"/> Achieved <input type="checkbox"/> Not Achieved
<b>Outcome 2: Updated inventory of GHG emissions and the effective use of the necessary tools to manage GHG emissions database which lead to the strengthening of the formulation of the national climate policy</b>		
Output 1: National GHG emissions inventories as per the latest UNFCCC guidelines	<input type="checkbox"/> On Track <input type="checkbox"/> Off Track <input checked="" type="checkbox"/> Achieved <input type="checkbox"/> Not Achieved	<input type="checkbox"/> On Track <input type="checkbox"/> Off Track <input checked="" type="checkbox"/> Achieved <input type="checkbox"/> Not Achieved
Output 2: Technical report on local emission factors for key economic activities	<input type="checkbox"/> On Track <input type="checkbox"/> Off Track <input checked="" type="checkbox"/> Achieved <input type="checkbox"/> Not Achieved	<input type="checkbox"/> On Track <input type="checkbox"/> Off Track <input checked="" type="checkbox"/> Achieved <input type="checkbox"/> Not Achieved
Output 3: Database with IT tools for data updating and retrieving, as basis for the GHG inventory system	<input type="checkbox"/> On Track <input type="checkbox"/> Off Track <input checked="" type="checkbox"/> Achieved <input type="checkbox"/> Not Achieved	<input type="checkbox"/> On Track <input type="checkbox"/> Off Track <input checked="" type="checkbox"/> Achieved <input type="checkbox"/> Not Achieved
Output 4: Datasheets with sets of indicators for GHG emitting sectors	<input type="checkbox"/> On Track <input checked="" type="checkbox"/> Off Track <input type="checkbox"/> Achieved <input type="checkbox"/> Not Achieved	<input type="checkbox"/> On Track <input type="checkbox"/> Off Track <input checked="" type="checkbox"/> Achieved <input type="checkbox"/> Not Achieved
Output 5: GHG conversion factors	<input type="checkbox"/> On Track <input checked="" type="checkbox"/> Off Track <input type="checkbox"/> Achieved <input type="checkbox"/> Not Achieved	<input type="checkbox"/> On Track <input type="checkbox"/> Off Track <input checked="" type="checkbox"/> Achieved <input type="checkbox"/> Not Achieved
<b>Outcome 3: Updated inventory of GHG emissions and the effective use of the necessary tools to manage GHG emissions database which lead to the strengthening of the formulation of climate policy (Biennial Update Reporting)</b>		
Output 1: Information on national circumstances and institutional arrangements for national communications	<input type="checkbox"/> On Track <input type="checkbox"/> Off Track <input checked="" type="checkbox"/> Achieved <input type="checkbox"/> Not Achieved	<input type="checkbox"/> On Track <input type="checkbox"/> Off Track <input checked="" type="checkbox"/> Achieved <input type="checkbox"/> Not Achieved
Output 2: Status of GHG 2010 inventory updated	<input type="checkbox"/> On Track <input type="checkbox"/> Off Track <input checked="" type="checkbox"/> Achieved <input type="checkbox"/> Not Achieved	<input type="checkbox"/> On Track <input type="checkbox"/> Off Track <input checked="" type="checkbox"/> Achieved <input type="checkbox"/> Not Achieved





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Outcome Description	2017	2018
Output 3: Review of mitigation actions and their effects as well as options including their associated methodologies and assumptions	<input type="checkbox"/> On Track <input type="checkbox"/> Off Track <input checked="" type="checkbox"/> Achieved <input type="checkbox"/> Not Achieved	<input type="checkbox"/> On Track <input type="checkbox"/> Off Track <input checked="" type="checkbox"/> Achieved <input type="checkbox"/> Not Achieved
Output 4: Availability of information on the development of NAMA, domestic MRV and national registry system.	<input type="checkbox"/> On Track <input type="checkbox"/> Off Track <input checked="" type="checkbox"/> Achieved <input type="checkbox"/> Not Achieved	<input type="checkbox"/> On Track <input type="checkbox"/> Off Track <input checked="" type="checkbox"/> Achieved <input type="checkbox"/> Not Achieved
Output 5: Availability of information on identification of gaps, and related financial, technical, and capacity needs related to mitigation issues and description of support needed and received	<input type="checkbox"/> On Track <input type="checkbox"/> Off Track <input checked="" type="checkbox"/> Achieved <input type="checkbox"/> Not Achieved	<input type="checkbox"/> On Track <input type="checkbox"/> Off Track <input checked="" type="checkbox"/> Achieved <input type="checkbox"/> Not Achieved
Output 6: Availability of information related to support received in preparation in BUR and TNC	<input type="checkbox"/> On Track <input type="checkbox"/> Off Track <input checked="" type="checkbox"/> Achieved <input type="checkbox"/> Not Achieved	<input type="checkbox"/> On Track <input type="checkbox"/> Off Track <input checked="" type="checkbox"/> Achieved <input type="checkbox"/> Not Achieved
<b>Outcome 4: Effective and well informed policy development, implementation and review on adaptation measures as part of the national development priorities in line with the sustainable development principles.</b>		
Output 1: Usage of climate models for various economic sectors	<input type="checkbox"/> On Track <input type="checkbox"/> Off Track <input checked="" type="checkbox"/> Achieved <input type="checkbox"/> Not Achieved	<input type="checkbox"/> On Track <input type="checkbox"/> Off Track <input checked="" type="checkbox"/> Achieved <input type="checkbox"/> Not Achieved
Output 2: Availability of technical reports with socio-economic baseline and updated scenarios	<input type="checkbox"/> On Track <input type="checkbox"/> Off Track <input checked="" type="checkbox"/> Achieved <input type="checkbox"/> Not Achieved	<input type="checkbox"/> On Track <input type="checkbox"/> Off Track <input checked="" type="checkbox"/> Achieved <input type="checkbox"/> Not Achieved
Output 3: Availability of specific studies on climate change vulnerability and impact scenarios developed for key critical sectors	<input type="checkbox"/> On Track <input type="checkbox"/> Off Track <input checked="" type="checkbox"/> Achieved <input type="checkbox"/> Not Achieved	<input type="checkbox"/> On Track <input type="checkbox"/> Off Track <input checked="" type="checkbox"/> Achieved <input type="checkbox"/> Not Achieved
Output 4: Availability of technical reports including proposals of potential adaptation actions in the sectors mentioned	<input type="checkbox"/> On Track <input type="checkbox"/> Off Track <input checked="" type="checkbox"/> Achieved <input type="checkbox"/> Not Achieved	<input type="checkbox"/> On Track <input type="checkbox"/> Off Track <input checked="" type="checkbox"/> Achieved <input type="checkbox"/> Not Achieved
Output 5: Availability of policy options (including possible regulatory measures)	<input type="checkbox"/> On Track <input type="checkbox"/> Off Track <input checked="" type="checkbox"/> Achieved <input type="checkbox"/> Not Achieved	<input type="checkbox"/> On Track <input type="checkbox"/> Off Track <input checked="" type="checkbox"/> Achieved <input type="checkbox"/> Not Achieved
Output 6: Identification of the necessary adaptation technologies to be adopted	<input type="checkbox"/> On Track <input type="checkbox"/> Off Track <input checked="" type="checkbox"/> Achieved <input type="checkbox"/> Not Achieved	<input type="checkbox"/> On Track <input type="checkbox"/> Off Track <input checked="" type="checkbox"/> Achieved <input type="checkbox"/> Not Achieved
<b>Outcome 5: Effective and well informed policy development, implementation and review on mitigation actions as part of the national development priorities in line with the sustainable development principles</b>		
Output 1: Availability of technical reports including proposals of potential mitigation actions and NAMA in the key sectors	<input type="checkbox"/> On Track <input type="checkbox"/> Off Track <input checked="" type="checkbox"/> Achieved <input type="checkbox"/> Not Achieved	<input type="checkbox"/> On Track <input type="checkbox"/> Off Track <input checked="" type="checkbox"/> Achieved <input type="checkbox"/> Not Achieved
Output 2: Availability of policy options (including regulatory protocols) and other necessary measures on mitigation actions	<input type="checkbox"/> On Track <input type="checkbox"/> Off Track <input checked="" type="checkbox"/> Achieved <input type="checkbox"/> Not Achieved	<input type="checkbox"/> On Track <input type="checkbox"/> Off Track <input checked="" type="checkbox"/> Achieved <input type="checkbox"/> Not Achieved



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Outcome Description	2017	2018
Output 3: Identification of the necessary technology to be adopted	<input type="checkbox"/> On Track <input checked="" type="checkbox"/> Off Track <input type="checkbox"/> Achieved <input type="checkbox"/> Not Achieved	<input type="checkbox"/> On Track <input type="checkbox"/> Off Track <input checked="" type="checkbox"/> Achieved <input type="checkbox"/> Not Achieved
Output 4: Development of national NAMA registry in the context of supporting national mitigation actions	<input type="checkbox"/> On Track <input type="checkbox"/> Off Track <input checked="" type="checkbox"/> Achieved <input type="checkbox"/> Not Achieved	<input type="checkbox"/> On Track <input type="checkbox"/> Off Track <input checked="" type="checkbox"/> Achieved <input type="checkbox"/> Not Achieved
<b>Outcome 6: Development, publication and dissemination of the TNC and the BUR reports, to include other relevant information to the convention</b>		
Output 1: Final report of the TNC	<input type="checkbox"/> On Track <input type="checkbox"/> Off Track <input checked="" type="checkbox"/> Achieved <input type="checkbox"/> Not Achieved	<input type="checkbox"/> On Track <input type="checkbox"/> Off Track <input checked="" type="checkbox"/> Achieved <input type="checkbox"/> Not Achieved
Output 2: Final report of the BUR	<input type="checkbox"/> On Track <input type="checkbox"/> Off Track <input checked="" type="checkbox"/> Achieved <input type="checkbox"/> Not Achieved	<input type="checkbox"/> On Track <input type="checkbox"/> Off Track <input checked="" type="checkbox"/> Achieved <input type="checkbox"/> Not Achieved
Output 3: National Launching Event, Workshops and seminars to disseminate preliminary and final results of the TNC and BUR	<input type="checkbox"/> On Track <input checked="" type="checkbox"/> Off Track <input type="checkbox"/> Achieved <input type="checkbox"/> Not Achieved	<input type="checkbox"/> On Track <input type="checkbox"/> Off Track <input checked="" type="checkbox"/> Achieved <input type="checkbox"/> Not Achieved
<b>Outcome: Project Management</b>		
Output 1: Project Management	<input type="checkbox"/> On Track <input type="checkbox"/> Off Track <input checked="" type="checkbox"/> Achieved <input type="checkbox"/> Not Achieved	<input type="checkbox"/> On Track <input type="checkbox"/> Off Track <input checked="" type="checkbox"/> Achieved <input type="checkbox"/> Not Achieved

### Scheduled evaluation & assurance activity

Activity	Yes/No	Year	Ratings/Results
HACT Assurance Activity: [spotcheck/audit]	Yes	2018	HACT spotcheck has been carried out for year 2017 with no major issues identified. The HACT spotcheck team has made some recommendations, including the following: 1) to file actual participant lists for event activities, and 2) to confirm on government policy regarding travel.
Evaluation: [MTR/TE/Others: ]	N/A	-	
Project Implementation Review	N/A	-	
Others:			

### ANNEX

Please list additional documentation included in this report (including NSC meeting minutes; PIR report summary; additional project reporting including list of activities)

1. NSC Meeting Minutes- 23 March 2018



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### SECTION 1: 2018 PROGRESS REPORT NARRATIVE

Describe the project's progress of outcomes and/or outputs in outlined in the Annual Work Plan since the MYPR.

Describe the issues and challenges faced, and the project management response.

Note: Since April 2018 (stated project closing date in Prodoc), there has been no more implementation of project activities. The project is awaiting closure once all payments have been made. **Please refer to Section 1 of the Project's Mid-Year Progress Report for the narrative on the project's progress in 2018.**

Outcome 1: Efficient and operational institutional framework (which includes technical and policy aspect) for the effective governance of CC in Malaysia	Progress Status
Output 1.1: Availability of work plan of roles of key stakeholders  <i>Indicate output target(s) that was not implemented or amended, and mitigating/adaptive actions taken by project:</i>	<input type="checkbox"/> Achieved <input type="checkbox"/> On track <input type="checkbox"/> Off track  Output Target: Work plan of roles of key stakeholders and their inter-linkages established
Output 1.2: Capacity building workshops and training sessions for policy makers, scientific studies and awareness programme for public and private sectors  <i>Indicate output target(s) that was not implemented or amended, and mitigating/adaptive actions taken by project:</i>	<input type="checkbox"/> Achieved <input type="checkbox"/> On track <input type="checkbox"/> Off track  Output Target: 12 capacity building workshops and training sessions for policy makers (federal, state, and local authorities), scientific studies and awareness programme (for public and private sector)
Output 1.3: An interactive web portal on climate change information and communication system	<input type="checkbox"/> On Track <input type="checkbox"/> Off Track <input type="checkbox"/> Achieved <input type="checkbox"/> Not Achieved  Output Target: Existence of interactive web portal on climate change





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<p><i>Indicate output target(s) that was not implemented or amended, and mitigating/adaptive actions taken by project:</i></p>	<p>information and communication system</p>
<p>Output 1.4: Training on the application of different climate models for the integration planning into national development</p> <p><i>Indicate output target(s) that was not implemented or amended, and mitigating/adaptive actions taken by project:</i></p>	<p> <input type="checkbox"/> On Track  <input type="checkbox"/> Off Track  <input type="checkbox"/> Achieved  <input type="checkbox"/> Not Achieved         </p> <p>Output Target: 12 trainings conducted on application of different climate models for the integration planning into the national development</p>
<p>Outcome 2: Updated inventory of GHG emissions and the effective use of the necessary tools to manage GHG emissions database which lead to the strengthening of the formulation of the national climate policy</p>	<p>Progress Status</p>
<p>Output 2.1: National GHG emissions inventories as per the latest UNFCCC guidelines</p> <p><i>Indicate output target(s) that was not implemented or amended, and mitigating/adaptive actions taken by project:</i></p>	<p> <input type="checkbox"/> On Track  <input type="checkbox"/> Off Track  <input type="checkbox"/> Achieved  <input type="checkbox"/> Not Achieved         </p> <p>Output Target: Updated and new GHG emissions inventories as per the latest UNFCCC guidelines</p>
<p>Output 2.2: Technical report on local emission factors for key economic activities</p> <p><i>Indicate output target(s) that was not implemented or amended, and mitigating/adaptive actions taken by project:</i></p>	<p> <input type="checkbox"/> On Track  <input type="checkbox"/> Off Track  <input type="checkbox"/> Achieved  <input type="checkbox"/> Not Achieved         </p> <p>Output Target: Technical report on local emission factors for key economic activities established</p>
<p>Output 2.3: Database with IT tools for data updating and retrieving, as basis for the GHG inventory system</p> <p><i>Indicate output target(s) that was not implemented or amended, and mitigating/adaptive actions taken by project:</i></p>	<p> <input type="checkbox"/> On Track  <input type="checkbox"/> Off Track  <input type="checkbox"/> Achieved  <input type="checkbox"/> Not Achieved         </p> <p>Output Target: Availability of sufficient database with IT tools for data updating and retrieving, as the basis for GHG inventory system</p>



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<p>Output 2.4: Datasheets with sets of indicators for GHG emitting sectors</p> <p><i>Indicate output target(s) that was not implemented or amended, and mitigating/adaptive actions taken by project:</i></p>	<p><input type="checkbox"/> On Track  <input type="checkbox"/> Off Track  <input type="checkbox"/> Achieved  <input type="checkbox"/> Not Achieved</p> <p>Output Target:            Datasheet with sets of indicators for GHG emitting sectors made available</p>
<p>Output 2.5: GHG conversion factors</p> <p><i>Indicate output target(s) that was not implemented or amended, and mitigating/adaptive actions taken by project:</i></p>	<p><input type="checkbox"/> On Track  <input type="checkbox"/> Off Track  <input type="checkbox"/> Achieved  <input type="checkbox"/> Not Achieved</p> <p>Output Target:            Final GHG conversion factors established</p>
<p><b>Outcome 3: Updated inventory of GHG emissions and the effective use of the necessary tools to manage GHG emissions database which lead to the strengthening of the formulation of climate policy (Biennial Update Reporting)</b></p>	
<p>Output 3.1: Information on national circumstances and institutional arrangements for national communications</p> <p><i>Indicate output target(s) that was not implemented or amended, and mitigating/adaptive actions taken by project:</i></p>	<p><input type="checkbox"/> On Track  <input type="checkbox"/> Off Track  <input type="checkbox"/> Achieved  <input type="checkbox"/> Not Achieved</p> <p>Output Target:            Available information on national circumstances and institutional arrangements for national communications</p>
<p>Output 3.2: Status of GHG 2010 inventory updated</p> <p><i>Indicate output target(s) that was not implemented or amended, and mitigating/adaptive actions taken by project:</i></p>	<p><input type="checkbox"/> On Track  <input type="checkbox"/> Off Track  <input type="checkbox"/> Achieved  <input type="checkbox"/> Not Achieved</p> <p>Output Target:            GHG 2010 inventory update</p>
<p>Output 3.3: Review of mitigation actions and their effects as well as options including their associated methodologies and assumptions</p>	<p><input type="checkbox"/> On Track  <input type="checkbox"/> Off Track  <input type="checkbox"/> Achieved  <input type="checkbox"/> Not Achieved</p> <p>Output Target:            Review conducted on mitigation</p>



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<p><i>Indicate output target(s) that was not implemented or amended, and mitigating/adaptive actions taken by project:</i></p>	<p>actions and their effects as well as options including associated methodologies and assumptions</p>
<p>Output 3.4: Availability of information on the development of NAMA, domestic MRV and national registry system.</p> <p><i>Indicate output target(s) that was not implemented or amended, and mitigating/adaptive actions taken by project:</i></p>	<p> <input type="checkbox"/> On Track  <input type="checkbox"/> Off Track  <input type="checkbox"/> Achieved  <input type="checkbox"/> Not Achieved         </p> <p>Output Target: Available information on development of NAMA, domestic MRV and national registry system where possible</p>
<p>Output 3.5: Availability of information on identification of gaps, and related financial, technical, and capacity needs related to mitigation issues and description of support needed and received</p> <p><i>Indicate output target(s) that was not implemented or amended, and mitigating/adaptive actions taken by project:</i></p>	<p> <input type="checkbox"/> On Track  <input type="checkbox"/> Off Track  <input type="checkbox"/> Achieved  <input type="checkbox"/> Not Achieved         </p> <p>Output Target: Available information on identification of gaps, and related financial, technical, and capacity needs related to mitigation issues and description of support needed and received</p>
<p>Output 3.6: Availability of information related to support received in preparation in BUR and TNC</p> <p><i>Indicate output target(s) that was not implemented or amended, and mitigating/adaptive actions taken by project:</i></p>	<p> <input type="checkbox"/> On Track  <input type="checkbox"/> Off Track  <input type="checkbox"/> Achieved  <input type="checkbox"/> Not Achieved         </p> <p>Output Target: Available information related to support received in preparation of BUR and TNC</p>
<p>Outcome 4: Effective and well informed policy development, implementation and review on adaptation measures as part of the national development priorities in line with the sustainable development principles.</p>	<p>Progress Status</p>
<p>Output 4.1: Usage of climate models for various economic sectors</p>	<p> <input type="checkbox"/> On Track  <input type="checkbox"/> Off Track  <input type="checkbox"/> Achieved  <input type="checkbox"/> Not Achieved         </p>





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<p><i>Indicate output target(s) that was not implemented or amended, and mitigating/adaptive actions taken by project:</i></p>	<p>Output Target: Assembled and downscaled climate models for various economic sectors</p>
<p>Output 4.2: Availability of technical reports with socio-economic baseline and updated scenarios</p> <p><i>Indicate output target(s) that was not implemented or amended, and mitigating/adaptive actions taken by project:</i></p>	<p> <input type="checkbox"/> On Track  <input type="checkbox"/> Off Track  <input type="checkbox"/> Achieved  <input type="checkbox"/> Not Achieved         </p> <p>Output Target: Technical reports with socio-economic baseline and updated scenarios completed</p>
<p>Output 4.3: Availability of specific studies on climate change vulnerability and impact scenarios developed for key critical sectors</p> <p><i>Indicate output target(s) that was not implemented or amended, and mitigating/adaptive actions taken by project:</i></p>	<p> <input type="checkbox"/> On Track  <input type="checkbox"/> Off Track  <input type="checkbox"/> Achieved  <input type="checkbox"/> Not Achieved         </p> <p>Output Target: Specific studies on climate change vulnerability and impact scenarios developed for key critical sectors completed</p>
<p>Output 4.4: Availability of technical reports including proposals of potential adaptation actions in the sectors mentioned</p> <p><i>Indicate output target(s) that was not implemented or amended, and mitigating/adaptive actions taken by project:</i></p>	<p> <input type="checkbox"/> On Track  <input type="checkbox"/> Off Track  <input type="checkbox"/> Achieved  <input type="checkbox"/> Not Achieved         </p> <p>Output Target: Available technical reports including proposals of potential adaptation actions in the sectors mentioned</p>
<p>Output 4.5: Availability of policy options (including possible regulatory measures)</p> <p><i>Indicate output target(s) that was not implemented or amended, and mitigating/adaptive actions taken by project:</i></p>	<p> <input type="checkbox"/> On Track  <input type="checkbox"/> Off Track  <input type="checkbox"/> Achieved  <input type="checkbox"/> Not Achieved         </p> <p>Output Target: Available policy options (including possible regulatory measures) on</p>



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	adaptation measures
<p>Output 4.6: Identification of the necessary adaptation technologies to be adopted</p> <p><i>Indicate output target(s) that was not implemented or amended, and mitigating/adaptive actions taken by project:</i></p>	<input type="checkbox"/> On Track <input type="checkbox"/> Off Track <input type="checkbox"/> Achieved <input type="checkbox"/> Not Achieved  Output Target: Necessary adaptation technologies to be adopted and identified
<p>Outcome 5: Effective and well-informed policy development, implementation and review on mitigation actions as part of the national development priorities in line with the sustainable development principles</p>	<p>Progress Status</p>
<p>Output 5.1: Availability of technical reports including proposals of potential mitigation actions and NAMA in the key sectors</p> <p><i>Indicate output target(s) that was not implemented or amended, and mitigating/adaptive actions taken by project:</i></p>	<input type="checkbox"/> On Track <input type="checkbox"/> Off Track <input type="checkbox"/> Achieved <input type="checkbox"/> Not Achieved  Output Target: Available technical reports including proposals of potential mitigation actions and NAMA in the key sectors
<p>Output 5.2: Availability of policy options (including regulatory protocols) and other necessary measures on mitigation actions</p> <p><i>Indicate output target(s) that was not implemented or amended, and mitigating/adaptive actions taken by project:</i></p>	<input type="checkbox"/> On Track <input type="checkbox"/> Off Track <input type="checkbox"/> Achieved <input type="checkbox"/> Not Achieved  Output Target: Available policy options (including regulatory protocols) and other necessary measures on mitigation actions
<p>Output 5.3: Identification of the necessary technology to be adopted</p> <p><i>Indicate output target(s) that was not implemented or amended, and mitigating/adaptive actions taken by project:</i></p>	<input type="checkbox"/> On Track <input type="checkbox"/> Off Track <input type="checkbox"/> Achieved <input type="checkbox"/> Not Achieved  Output Target: Necessary mitigation technology to be adopted/identified
<p>Output 5.4: Development of national NAMA registry in the context of supporting national mitigation actions</p>	<input type="checkbox"/> On Track <input type="checkbox"/> Off Track <input type="checkbox"/> Achieved



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<p><i>Indicate output target(s) that was not implemented or amended, and mitigating/adaptive actions taken by project:</i></p>	<input type="checkbox"/> Not Achieved  Output Target: National NAMA registry in the context of supporting national mitigation actions established
<p><b>Outcome 6: Development, publication and dissemination of the TNC and the BUR reports, to include other relevant information to the convention</b></p>	<p><b>Progress Status</b></p>
<p>Output 6.1: Final report of the TNC</p> <p><i>Indicate output target(s) that was not implemented or amended, and mitigating/adaptive actions taken by project:</i></p>	<input type="checkbox"/> On Track <input type="checkbox"/> Off Track <input type="checkbox"/> Achieved <input type="checkbox"/> Not Achieved  Output Target: Final report of the TNC submitted
<p>Output 6.2: Final report of the BUR</p> <p><i>Indicate output target(s) that was not implemented or amended, and mitigating/adaptive actions taken by project:</i></p>	<input type="checkbox"/> On Track <input type="checkbox"/> Off Track <input type="checkbox"/> Achieved <input type="checkbox"/> Not Achieved  Output Target: Final report of the BUR submitted
<p>Output 6.3: National Launching Event, Workshops and seminars to disseminate preliminary and final results of the TNC and BUR</p> <p><i>Indicate output target(s) that was not implemented or amended, and mitigating/adaptive actions taken by project:</i></p>	<input type="checkbox"/> On Track <input type="checkbox"/> Off Track <input type="checkbox"/> Achieved <input type="checkbox"/> Not Achieved  Output Target: National Launching Event, Workshops, and seminars to disseminate preliminary and final results of the TNC organized.





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### SECTION 2: 2018 Project Progress/Contribution to National Development Agenda

- 1.1 Please elaborate project's contribution to the review/revision/formulation of national or sectoral policies, strategies and action plans, in line with the mid-term review of the 11<sup>th</sup> Malaysia Plan and relevant sectoral policies.

The GHG emissions projection until 2015 which has been developed under the project provides guidance on how Malaysia's Nationally Determined Contribution (NDC) can be achieved. Quantified information on 17 mitigation action programmes taken by the country has also been developed, which is used as basis for implementing and tracking the country's GHG emissions reductions. A review of national policies, master plans, action plans and programmes which have implications to climate change mitigation was included in the Third National Communications Report.

The project also helped to prepare a detailed assessment of the country's vulnerability and adaptation options for climate change, where assessments have been carried out for water and coastal resources, infrastructure, agriculture and food security, forestry and biodiversity sectors, to name a few. A review of the adequacy of current adaptation measures have also been carried out. These assessments will assist Malaysia in the formulation of a comprehensive National National Adaptation Plan.

- 1.2 Please indicate activities undertaken by the project to strengthen and enhance capacity and technical knowledge on key development challenges/thematic issues/cross-cutting issues.

**(Please attach as annex a full list of consultation/training/workshop events. See attached Capacity Building Activity Template)**

There have been several workshops that have helped to enhance the capacity of stakeholders on climate change:

1. Stakeholder consultation on draft TNC and BUR2 report, 22-23 February 2018
2. Capacity building workshop on climate change, 9-11 Mac 2018
3. Capacity building workshop for UNFCCC delegates, 12 April 2018
4. Meeting for the preparation of the Malaysia-Singapore Joint Committee on the Environment (MSJCE), 19 April 2018
1. Technical Working Group meeting for the preparation of a policy framework for abandoned vehicles, 19 April 2018
6. Capacity building workshop on NDC achievement in Malaysia, 20 April 2018
7. Data coordination workshop with Sarawak state government, 23-24 April 2018

- 1.3 What has the project done in 2018 to build/strengthen capacity to implement or sustain systemic changes? (Institutional Capacity Development)



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Malaysia uses Technical Working Groups (TWGs) and Sub Working Groups (SWGs) as the primary approach towards climate change reporting, supplemented by consultants where expertise and manpower is lacking. Most of the members of these TWGs and SWGs are from government agencies and academia. For areas where expertise is still insufficient at the TWGs and SWGs, local consultants are employed to help in the work. This approach has enabled capacities to be developed and retained at the government agencies during the course of the project. For the GHG inventory, more than 30 inventory compilers have been trained and most of these experts are at the institutes that coordinate the SWGs. For mitigation assessment, local consultants have been employed to supplement the expertise required. Project activities such as the implementation of studies, assessments and participation in workshops have enabled institutional capacities to be built within government agencies.

- 1.4 What has the project done in 2018 to generate/develop or improve/update datasets, statistics and models? Please indicate their utilization by Implementing Partner to strengthen national evidence-based policymaking.

- Complete GHG inventory with time series from 1990 to 2014 for the energy, IPPU, agriculture, LULUCF and waste sectors
- GHG emissions projection until 2050
- Quantification of 17 mitigation actions

These data are being used by the Implementing Partner for the purpose of formulating national and sectoral policies on climate change mitigation.

- 1.5 Please elaborate on project's efforts to mainstream gender equality through project outputs and activities in 2018. E.g. having equitable participation; generating sex-disaggregated data; planning gender analysis on outputs or gender sensitization to stakeholders.

Apart from the statistics on population, gender statistics related to climate change issues have not been collected in Malaysia. However the project does not discriminate gender in the implementation and provides equal opportunity to all gender at all levels of work. Activities have been carried out in a gender inclusive manner at the workshops and TWG, SWG and secretariat formation. Equal opportunity is given in the appointment of consultants based on merit. Gender disaggregated information are included in the reports where possible, in particular in the national circumstances chapter.

- 1.6 What has the project done in 2018 to develop or demonstrate/pilot new and/or innovative approaches and solutions? Please indicate how they have contributed to inform decision- and policymaking, and if it has led to actual/planned upscaling or replication.



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N/A.

1.7 Has the project Risk Analysis been reviewed and updated? Please indicate status critical risks in 2018. (please consult with UNDP CO support)

No critical risks identified.

1.8 Please indicate any additional comments on areas of improvement that should be taken into consideration by EPU and UNDP Malaysia in the implementation of future projects.

N/A.

### SECTION 3: JUSTIFICATION FOR EXTENSION (for projects scheduled for completion this year)

<i>Please indicate reasons for the project extension:</i>
-
<i>Proposed duration of extension: [xx] months</i>
<i>Agreement by National Steering Committee:</i>
<i>Date of meeting: (minutes attached in Annex)</i>

Annual Progress Report 2018 approved by:

.....

Name: **JAYA SINGAM RAJOO**  
Under Secretary  
Environmental Management  
& Climate Change Division  
Ministry of Energy, Science, Technology, Environment  
and Climate Change

Designation:

Date:





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### FOR UNDP USE

#### UNDP Observations and Assessment

*For UNDP Programme Management to comment on the reported contributions and activity progress by IP as Quality Assurance assessment*

#### **Section 1: Overall Implementation of Project Outputs as per Signed Annual Work Plan 2017**

All components have successfully delivered on their outputs. The Third National Communications report was submitted together with the Second Biennial Update Report in September 2018. The project will be closed once the final claims are processed and paid.

#### **Section 2: Project Progress/Contribution towards National Development Agenda in 2018**

The datasets generated by the project helps to integrated climate change considerations into sector policies and programs. For decision makers, the Third National Communication report which contains an updated GHG emissions inventory provides adequate climate information to inform the policy design process.

The report which is publicly assessible also helps to increase the awareness and understanding of the needs and consequences of implementing climate change measures.

Prepared by:

Asfaazam Kasbani,

Assistant Resident Representative (Programme)

