



Foreign &
Commonwealth
Office

PROJECT PROPOSAL FORM

* To be completed by the Post

Project Title	Developing a Roadmap for the effective implementation of Malaysia's Intended National Determined Contribution (INDC) that reflects its green growth pathway post-2020	
Which Programme is the funding being sought from * <i>Insert fund name</i>	Southeast Asia Prosperity Fund	
Project Code * <i>To be added once the Project has been approved and the code is provided by the Programme Team</i>		
Is the Project ODA eligible * Yes/No	Yes	
ODA Codes * <i>To be added by Post using guidance in Annex 2 and 3 of "OECD's ODA Reporting Guidance".</i>	Input Sector Code	41032
	Channel of Delivery Code	23000

Part A: To be completed by the Project Implementer

<p>Project Title</p>	<p>Developing a Roadmap for the effective implementation of Malaysia’s Intended National Determined Contribution (INDC) that reflects its green growth pathway post-2020</p>
<p>Purpose <i>This must be NO MORE than one sentence, clearly setting out the “change” to be delivered</i></p>	<p>To design and formulate an effective road map for the implementation of the INDC including the necessary readiness programme for the adoption for the Paris Agreement that meets Malaysia’s post-2020 aspiration on green growth.</p>
<p>Context and Need for the Project <i>In no more than 200 words, provide the background to the issue this project will change, what the expected final Outcome will be, and (where applicable) why the UK should fund this project</i></p>	<p>Malaysia submitted its INDC on 27 November 2015 where it intends to reduce its GHG emissions intensity of GDP by 45% by 2030 relative to the emissions intensity of GDP in 2005. This consists of 35% on an unconditional basis and a further 10% is condition upon receipt of climate finance, technology transfer and capacity building from developed countries. Malaysia stands ready to sign the Paris agreement in April 2016.</p> <p>Although the implementation of the 11Malaysia plan initiatives (2016-2020) helps in the achievement of the INDC target, results of the sectoral and sub-sectoral actions (i.e. adoption of energy efficiency practices and wide-spread renewable energy generation) have yet to be analysed and calculated for. As such, this project will prioritize emissions reduction measures for Malaysia in the form of an effective and workable roadmap in achieving the INDC target, which will be the core elements in the Paris agreement.</p> <p>Continuing from the previous initiatives on supporting the Malaysia’s National Sustainable Development Blueprint 2015 – 2030, this proposal will be an excellent opportunity for UK to once again participate in strengthening institutional arrangements and capacities specifically in GHG inventory system, compliance reporting and prioritization of mitigation actions.</p>
<p>Short Project Summary <i>In no more than 200 words explain what the project plans to achieve and how (setting out how the Outputs will deliver the Purpose/Objective, and how the activities will deliver each relevant Output), and what difference will it make on the ground over the next few years?</i></p> <p><small>This question will be looked at again during any Evaluation of this project, and when an Impact Report is done. The success of the project will largely be judged on what is said here</small></p>	<p>To assist Malaysia in formulating a roadmap by identifying key sectors and sub-sectors that will give significant GHG emission reduction in meeting the INDC target based on the agreed UNFCCC outcomes and the IPCC guidelines which eventually help Malaysia in meeting the obligation of the Paris agreement. Outputs of the project will include:</p> <ol style="list-style-type: none"> i. Stock taking and review exercise on the INDC and the Biennial Update Report (BUR). This will include reviewing detail sectoral and background data, identifying data gaps, uncertainty and risks that may exist and relate to the NDC-related provisions in the Paris Agreement and implications for NDC implementation including institutional set up and arrangement. ii. Development of the roadmap which will identify key strategic initiatives for the preparation for INDC implementation and support to the domestic approval process and submission of instrument related to ratification, acceptance and approval provisions of the Paris Agreement. This component will also look into issues linking to the greater national development agenda as laid out in the 11 Malaysia plan including benefits on the social

	<p>development issues, economic spin-of, equity, governance and gender equality/analysis of the respective sectors. Efforts will be organized in a series of consultation with public and private sectors, NGOs, academia and with any interested parties relevant to the ratification and acceptance of the Paris agreement.</p> <p>It is anticipated that key institutional arrangement related to the management of GHG inventory and mitigations actions will be strengthened. Awareness across public and sectoral dialogue with public, private sectors, NGOs, academia and industrial associations will be enhanced due to the structured programme introduced in the project. Linkage to achievement of the SDG targets especially related to SDG13 Climate Action will be closely reported. The activities in the roadmap proposed will be strategic to Malaysia and shall be able to produce significant development impact, which will lead to further transformational changes needed for high middle income country like Malaysia.</p>
--	---

Cost What is the TOTAL cost of the Project Please detail the cost to the FCO and, if relevant the cost to co-funders If relevant, please provide costs for future Financial years. Please note, the cannot guarantee funding for future years Project funds are paid quarterly in arrears.	FY 16/17	£ 162,022		
	<i>Cost to FCO</i>	£ 73,686	<i>Cost to FCO</i>	£ 73,686
	FY 17/18	£ 0		
	<i>Cost to FCO</i>	£ 0	<i>Cost to Co-funders</i>	£ 0
Co-Funding Has funding for this project been sought from other donors (EU, DfID, other countries), Private institutions or the host government? If Yes, please provide details including source and amount. If No, why not, and were options for doing so explored?	No Although the project is in collaboration with the existing UNDP GEF Third National Communication and Biennial Update Report (TNC/BUR) project (2014 – 2017), the activities proposed are new in view of the INDC submitted last November 2015. The co-funding part will come from the existing TNC & BUR project from UNDP.			
Timing	Planned start date:	June 2016	Planned completion date:	May 2017
<p>PLEASE ATTACH A FULL ACTIVITY BASED BUDGET (in Excel). Proposals without an activity based budget will not be considered</p> <p>The Activity Based Budget must match the activities and timings set out below</p> <p>Attached in email as well. (see Annex)</p>				

<p>Will the Implementing Partner be sub-contracting any other agencies to carry out elements of the project activities? If Yes, please provide details</p> <p><i>Good procurement procedures <u>must</u> be followed – please refer to Annex C of the FCO Grant Contract</i></p>	<p>Yes</p> <p>This is a project in collaboration with the UNDP/GEF Third National Communications and Biennial Update Report (TNC/BUR) project in partnership with the Ministry of Natural Resources and Environment (MNRE). The total cost TNC/BUR Project is £ 815,114 (exchange rate 1.14 USD). The sub-contracting process will follow the government procedures based on the needs of the project with quality assurance jointly organized by UNDP and MNRE. The appointed sub-contractors will depend on the activities and sector proposed, on needs basis.</p>

Implementing Agency <i>Name; Address; Telephone Numbers; Email; Website</i>	United Nations Development Programme (UNDP) Malaysia Country Office Wisma UN, Block C, Kompleks Pejabat Damansara, Jalan Dungun, Damansara Heights, 50490 Kuala Lumpur, Malaysia. Telephone: +603 20915133 Email: Asfaazam.kasbani@undp.org Website: http://www.undp.org.my
Country or countries covered	Malaysia
Have you bid for funding from the FCO in the past three years? <i>Please provide details of any bids made and/or projects implemented</i>	Yes In 2014/15. Green Growth Strategy Papers for the Preparation of Malaysia's National Sustainable Development Blueprint 2015 – 2030 (£40,000)

Project Plan

Based on the information provided in the Summary, use the table below to set out the Purpose, Outputs and Activities to be delivered. Give the Indicator(s) for the Purpose and each Output, along with the Baseline information, what the target to be reached is, and when it will be delivered by, along with milestones (checkpoints) at which progress will be measured.

This will allow you to monitor and measure progress throughout the Project, and provide clear evidence of the Project’s success

Indicator = what will be measured (eg the number of people who will be trained; the increase in positive perceptions of an issue)

Baseline = the current status (eg no training exists; current perceptions are x% positive)

Sources = where will the information on the baseline data and targets come from (eg data from research carried out by the implementer; open source data)

Milestones = the key points at which progress will be tracked (can be specific dates/events or the regular quarterly reports – but provide indicative dates for the latter)

Target = what the project will deliver (eg 100 people trained; 50% increase in positive perceptions)

Date = the date by which it will be delivered

Purpose/Objective: To assist Malaysia in formulating a roadmap by identifying key sectors and sub-sectors that will give significant GHG emission reduction in meeting the INDC target based on the agreed UNFCCC outcomes and the IPCC guidelines which eventually help Malaysia in meeting the obligation of the Paris agreement.

Indicator(s)	Baseline	Sources	Milestones	Target & Date
Identification of key strategic initiatives in INDC implementation	Key strategic initiatives has not been identified yet	Ministry of Natural Resources and Environment (MNRE)	Identification of key strategic initiatives which lead to completion of Roadmap (or similar document)	Key initiatives identified in the roadmap by December 2016
Status of the support provided for the instrument related to ratification, acceptance and approval provisions of the Paris Agreement	At the moment, there is inexistence of a roadmap (or similar) in translating INDC into NDC into national actions. The only related baseline will be the list of Key Critical Areas sectors under Bi-ennial Update Report submitted Mar 2016.	Ministry of Natural Resources and Environment (MNRE)	Completion of the final version of the instrument related to ratification, acceptance and approval provisions of the Paris Agreement including training	Final version of the instrument completed by March 2017

Output 1: Stock taking and review exercise on the INDC and the Biennial Update Report (BUR).

Indicator(s)	Baseline	Sources	Milestones	Target & Date
Status of the INDC and BUR review exercise	0 At the moment, review of the INDC and BUR have yet to be organized	Ministry of Natural Resources and Environment (MNRE)	Review exercise completed	Review completed by September 2016
Status of the inception workshop report with the finalized planning framework	0	Ministry of Natural Resources and Environment (MNRE)	Inception workshop delivered	Inception workshop report to be completed with the finalized planning framework ready by August 2016
Status of sector-specific consultation process	0	Ministry of Natural Resources and Environment (MNRE)	Sector-specific workshops delivered	Sector-specific reports to be completed with the finalized planning framework ready by November 2016 Target 4 workshops to be completed with a total of 200 participants.
Activities linked to Output 1	<p>1.1 Identify resource person (either local or international) to review the detail sectoral and background data, any available studies, identifying data gaps, uncertainty and risks that may exist in the INDC and BUR and to review its linkages to the NDC-related provisions in the Paris Agreement and implications for NDC implementation including institutional set up and arrangement. The resource person is also responsible in facilitating and preparing the inception workshop report and the sector-specific consultation workshop report.</p> <p>1.2 Conduct inception workshop and finalize planning framework</p> <p>1.3 Conduct sector-specific consultation workshops/meetings in reaffirming findings and for collecting more inputs. It is anticipated that 4 workshops to be organized by sectors (i.e. Energy and Waste) and including consultation with states (i.e. Sabah and Sarawak). The exact nature of the workshops will be decided during the inception workshop.</p>			
Output 2: Development of the roadmap which will identify key strategic initiatives for the preparation for NDC implementation (including support to the domestic approval process and completion of final instrument related to ratification, acceptance and approval provisions of the Paris Agreement)				
Indicator(s)	Baseline	Sources	Milestones	Target & Date
Status of the Roadmap (or similar) related to effective implementation of the INDC	0	Ministry of Natural Resources and Environment (MNRE)	Roadmap to be completed	Roadmap completed by Dec 2016
Status of the domestic approval process and consultation exercise	0	Ministry of Natural Resources and Environment (MNRE)	Completion of the domestic approval process and consultation exercise	Completion of the domestic approval process and consultation exercise by Mar 2017

Status of sector-specific consultation process for sharing of the proposed draft roadmap	0	Ministry of Natural Resources and Environment (MNRE)	Sector-specific reports from workshops completed	Mar 2017 Target 4 workshops to be completed with a total of 200 participants
Status of training on Paris Agreement and final workshop	0	Ministry of Natural Resources and Environment (MNRE)	Report from training and final workshops completed	Mar 2017 Target 1 workshop to be completed with a total of 150 participants
Status of the instrument related to ratification, acceptance and approval provisions	0	Ministry of Natural Resources and Environment (MNRE)	Completion of instrument related to ratification, acceptance and approval provisions	Mar 2017
Activities linked to Output 2	<p>2.1 Identify resource person (either local or international) to formulate and design the necessary activities needed in the roadmap. Much of the contents will come from Activity 1.2 & 1.3. The resource person is also responsible in leading and facilitating the sector-specific consultation, preparing and finalizing the road map.</p> <p>2.2 Conduct sector-specific consultation workshops / meetings in reaffirming findings and for collecting more inputs. It is anticipated that 4 workshops to be organized by sectors (i.e. Energy and Waste) and including consultation with states (i.e. Sabah and Sarawak)</p> <p>2.3 Identify resource person (either local or international) to lead and facilitate domestic approval process and preparation of the instrument (ideally a legal person with an environment/COP negotiation background). The resource person is also responsible in conducting training related to the Paris agreement.</p> <p>2.4 Conduct training and final workshop on the roadmap and including on awareness and understanding of the Paris Agreement</p>			
Sustainability <i>How will the project ensure benefits are sustained once the project funding ends?</i>	MNRE as the agency responsible for the UNFCCC COP negotiation and also the national focal point for INDC and Paris Agreement will assume full ownership of delivering the outputs and impacts beyond the project cycle. Sustainability of the project outputs will be further strengthened through capacity development support provided to other relevant government agencies such as the EPU, Ministry of Energy, Green Technology and Water and others during the project. Activities stated in the roadmap shall be directly linked up and aligned with the 11 Malaysia Plan (2016 - 2020) Green Growth agenda.			
Monitoring <i>Please note that the Grant Contract specifies the need for (at least) quarterly reporting on progress and finances</i>	As per the standard UNDP Monitoring and Evaluation guideline. In general, the highest governing body (NSC) meets 6 months once while the Technical Working Group (TWG - or Project Review Committee) meets on quarterly basis. TWG/PRC will report, monitor and scrutinize all stages of project implementation as required. In relation with the activities/outputs listed under the UK Prop INDC roadmap proposal, UK's assistance will be visible and tangible throughout. Segregation of outputs will be cleared up once this assistance is confirmed.			

	How will the monitoring be carried out	When/how often	By whom	What involvement will the project's Beneficiaries have	
	<p>Project Monitoring and Review Meetings</p> <p>1. National Steering Committee Meetings The National Steering Committee (NSC) will meet after the receipt of each project report or at least twice a year, whichever is greater and address project issues raised by the Project Manager, review project progress reports and provide direction and recommendations to ensure that the agreed deliverables are produced satisfactorily according to the project document. A final NSC meeting should also be held at the end of project completion to agree to and endorse the final findings and outcomes of the project and to make recommendations towards project closure.</p> <p>2. Annual Project Review Meeting This internal review meeting will be chaired by EPU during the fourth quarter of the year to assess the performance of the project based on the Annual Work Plan (AWP) submitted at the beginning of the calendar year as well as the Annual Progress Report submitted during the fourth quarter of each calendar year. The review will involve all key project stakeholders and the Implementing Partner, and will focus on the extent to which progress have been made towards achievement of the outputs and that they remain aligned to appropriate outcomes as outlined in the project document. This review should update output targets and results achieved. In the last year of the project, the review will be a final assessment.</p> <p>Progress Reporting Documents</p> <p>3. Quarterly Progress Report 4. Mid Year Progress Report (MYPR) 5. Annual Progress Report (APR)</p> <p>Financial Monitoring and Quality Assurance</p> <p>6. Combined Delivery Reports</p>	<p>Minimum twice a year</p> <p>Once a year</p> <p>Quarterly</p> <p>Mid-year</p> <p>Annually</p>	<p>UNDP and MNRE</p> <p>UNDP and EPU</p> <p>UNDP</p> <p>UNDP</p> <p>UNDP</p>	<p>National Steering Committee is chaired by MNRE</p> <p>Annual Project Review meeting is chaired by EPU.</p>	

	<p>The Combined Delivery Report (CDR) is the report that reflects the total expenditures and actual obligations (recorded in Atlas) of a Project during a period. This report is prepared by UNDP using Atlas and shared with the implementing partner on a quarterly basis and at the end of each year. The Implementing Partner is required to verify each transaction made and sign the quarterly issued CDR report. Statements of cash position as well as assets and equipment should also be submitted together with the CDR on a yearly basis.</p>	<p>Quarterly</p>	<p>UNDP</p>	<p>All progress reporting documents are prepared in collaboration with MNRE</p>	
--	---	------------------	-------------	---	--

Risks <i>What are the key risks in implementing this project and how are you going to manage them</i> <u>Add more lines as required</u>	Risk	Impact Low/ Medium/ High	Like-lihood L/M/H	Management <i>How will the risk be managed and monitored, what are the mitigating actions, and who is the risk owner</i>	Escalation Point <i>At what stage will the management of this risk need to be escalated</i>
<i>Larger/higher value projects will require a full Risk Management Strategy. You should consider whether one is needed for this project.</i> <i>You should also think here about when risks should be escalated</i>	Weak internal communication within the government ministries and dynamics between ministries and agencies, and including between federal and state governments, may lead to ineffective implementation of the project activities.	High	Medium	This issue will be carefully reviewed during the inception phase and will be discussed further in the NSC meetings. The communication and advocacy strategy can help obtaining high level political commitment to effect the institutional changes.	Continuous delays of project management meetings and unavailability of crucial data will be strongest evidence that the risk is no longer manageable. Further discussion with EPU (as the co-signatory of the project document and the central planning agency) will be needed to review the implementation modality, which may see project to be temporarily halted until risk is cleared. BHC Malaysia will be part of overseeing team in ensuring risk is manageable during the project period.
Stakeholders <i>Who are the people or groups with an interest in this project and who will be affected by it and/or can influence its success either positively or negatively?</i>	Stakeholders Ministry of Natural Resources and Environment	Interest L/M/H High	Influence L/M/H High	Engagement / Communications plan (How to engage, how often and who by/who to) INDC Roadmap development falls under the remit of MNRE and will be the main beneficiary of this project as well key	Owner MNRE & UNDP

<p><i>How will you manage your engagement with them</i> <u>Add more lines as required</u></p> <p><i>Larger/higher value projects will require a full Stakeholder Engagement & Communications Strategy. You should consider whether one is needed for this project.</i></p>	<ul style="list-style-type: none"> • National focal point for environment and natural resources and guardian for the National Climate Change policy 2009 • Focal point for COP negotiations • Focal point for INDC and Paris Agreement • Key contributor of policy inputs, in particular, for policy and institutional framework through participation in the National Steering Committee, Technical Groups and stakeholder consultation process 			<p>implementer of this project working with established consultants. Given that MNRE is leading the National Steering Committee for the TNC/BUR Project, therefore all engagement and communication of this project and its associated activities and deliverables will be undertaken with the full knowledge of this steering committee. The NSC meets bi-annually. The established Technical Working Group (TWG) will meet quarterly and is also led by MNRE. A team of existing consultants based in MNRE working on the TNC/BUR will work hand-in-hand in this project and this provides continuity and greater coordination and communication. Therefore, there are ample avenues to move forward with the project activities</p>	
	<p>Economic Planning Unit</p> <ul style="list-style-type: none"> • National focal point for national development planning and sustainable development. Responsible in overseeing the Green Growth agenda as lay out in the 11 MP. • Central government body for development planning - secretariat of National Development Planning Committee and National Economic Advisory Council 	<p>High</p>	<p>High</p>	<p>EPU's Energy and Environmental Economics sections are members of both the TWG and NSC. Therefore, their engagement is given in the project through these committees, in particular related to development and implementation of Malaysia Plans, SDGs and green growth pathway.</p>	<p>EPU, MNRE & UNDP</p>

	<ul style="list-style-type: none"> Members of National Steering Committee, relevant technical groups and project management team 				
	<p>Ministry of Energy, Green Technology and Water</p> <ul style="list-style-type: none"> Formulates policies and establish the legal framework and effective regulation in the energy industry, green technologies and the water industry in line with national development goals and Executer and guardian of the renewable energy, energy efficiency and green technology policies. Responsible in promoting efficient use and ensure reliable supply of the electricity supply Key partner in the development of mitigation actions in the energy sector Baseline data provider for energy sector. Source for aggregated energy data (National Energy Balance, national electricity supply and demand) 	High	High	The same as the above applies for this ministry, with targeted engagement on the energy sector.	MEGTW, MNRE and UNDP
	<p>Ministry of Finance (MoF)</p> <ul style="list-style-type: none"> To formulate and implement fiscal and monetary policies in order to ensure effective 	High	High	The same as the above applies for this ministry, with targeted engagement on the development budgets, incentives for low carbon transition and green finance.	MoF, MNRE and UNDP

	<p>and efficient distribution and management of financial resources.</p> <ul style="list-style-type: none"> • To monitor the financial management of Ministries, Government Departments and statutory Bodies. • To formulate and administer policies related to be the management of Government procurement. • 				
	<p>Energy Commission (EC)</p> <ul style="list-style-type: none"> • Economic Regulation - to promote efficiency and economy in the generation, transmission, distribution, supply and use of electricity and in the reticulation and use of gas; promoting and safeguarding competition; enabling fair and efficient market conduct or, in the absence of a competitive market, to prevent the misuse of monopoly or market power in the electricity and piped gas industries. • Technical Regulation - to ensure security, reliability and quality in electricity and piped gas supplies. • Technical input to assessment of the energy sector, particularly on the energy efficiency aspect. 	High	High	Energy Commission are represented in the TWG's Climate Change Mitigation sub-group. Their engagement will be targeted for the energy section of the INDC Roadmap.	EC, MNRE & UNDP

	<ul style="list-style-type: none"> • Regulator of the electricity industry including IPPs • Baseline data provider for electricity and safety of gas reticulation • Source for primary electricity data (electricity supply and demand) 				
	<p>Ministry of International Trade and Industries (MITI)</p> <ul style="list-style-type: none"> • Key contributor of policy inputs, in particular, for policy and institutional framework through participation in the National Steering Committee, Technical Working Committee and stakeholder consultation process • Key role in ensuring the integration of Paris agreement into trade related issues 	High	High	MITI is a member of both the TWG and NSC. Their engagement in the Roadmap development should be targeted towards trade related impacts and opportunities.	MITI, MNRE & UNDP
	<p>Ministry of Transport (MOT)</p> <ul style="list-style-type: none"> • Plan, formulate and implement policies with regards to rail, maritime, aviation transportation and ports. • Implement physical development projects which involve rail, maritime, port and civil aviation infrastructure. • Manage the integration of inter-modal transportation to achieve seamless travel. 	High	High	MoT is a member of both the TWG and NSC. Their engagement in the transport sector would be vital in the development of the Roadmap.	MOT, MNRE & UNDP

	<ul style="list-style-type: none"> • Providing Licensing Services and registration of all modes of vehicle. • Determining the pricing policy (except for land commercial vehicles). • Conduct regional and international cooperation programmes in the transport sector • Advice and formulate policies and planning related to transportation sector • Advice and assist in the development of policy guidance on mitigation in the transportation sector. • Data provider and source for vehicle licensing 				
	<p>Ministry of Agriculture and Agro-based Industry (MOA)</p> <ul style="list-style-type: none"> • Key contributor of policy inputs, in particular, for policy and institutional framework through participation in the National Steering Committee, Technical Working Committee and stakeholder consultation process • Through its agencies, MOA is the source for GHG emission in agriculture sector 	Medium	Medium	MoA is a member of both the TWG and NSC. Their engagement is vital in agriculture and food industries sectors.	MOA, MNRE & UNDP
	<p>Ministry of Urban Well-being, Housing and Local Government (MUWHLG)</p>	Medium	Medium	MUWHLG is a member of both the TWG and NSC. Their engagement is vital in delivering actions at local	MUWHLG, MNRE & UNDP

	<ul style="list-style-type: none"> • Assist and guide the Local Authority (LA) in providing quality municipal services, social and recreational facilities to meet the needs of the population and improve your well-balanced economic opportunities. • Advising the federal government and state governments on matters related to planning, management, development and soil conservation in line with the national physical planning. • Provide policy, regulatory systems and the management of solid waste and public cleansing of an integrated, efficient, reliable and cost effective. • Executer and guardian on policies and acts related to city planning, local authorities and local development planning • Source for national housing, cities and waste data related to GHG emission 			<p>authority/government levels, in build environment and waste management.</p>	
	<p>Malaysian Metrological Department (MMD)</p> <ul style="list-style-type: none"> • Maintain a technically-advanced observation station network to support monitoring of weather conditions and 	<p>Medium</p>	<p>Medium</p>	<p>MMD is a member for the TWG that deals with climate risk, vulnerability and projection. Their engagement is vital to ensure that climate data projection is updated and in line with the proposed roadmap.</p>	<p>MMD, MNRE & UNDP</p>

	<p>seismic activities in the country.</p> <ul style="list-style-type: none"> • Issue timely meteorological information and forecasts for civil and military aviation, marine activities and general public. • Provide early warnings on the occurrences of adverse weather phenomena and dangerous sea conditions in the Malaysian region to the public and relevant agencies involved in disaster mitigation. • Compile quality climatological, atmospheric composition and seismological data and prepare climatological statistics. • Provide climatological services to users in all sectors of the economy upon request. • Participation in international programmes on research, data collection and exchange, and other related activities in meteorology. • Promote advancement of meteorological and seismological sciences through research 				
--	---	--	--	--	--


	<p>Department of Environment (DOE)</p> <ul style="list-style-type: none"> • Coordinates the prevention of the environmental degradation, control pollution and improve the environment, consistent with the purposes of the Environmental Quality Act 1974 • Responsible for the implementation of the resolutions decided by the conventions of the international environment such as Vienna Convention for the protection of the Ozone Layer 1985, Montreal Protocol on Substances That Deplete the Ozone Layer, 1987, the Basel Convention on the Trans-boundary Movement of Hazardous Waste and Their Disposal Act 1989 . • Technical input on air quality and industrial effluent sector for the GHG inventory. • Plans to establish the National GHG Clearing house • Source for national industrial waste information 	Medium	Medium	DOE is a member of the TWG. Their engagement on issues related to the implementation of Environmental Quality Act and air quality as well as their thoughts on HCFC can be useful to tap under the project.	DOE, MNRE & UNDP
	Sustainable Energy Development Authority (SEDA)	High	Medium	SEDA is a member of the TWG. Their engagement is related to the implementation of the RE Act 2011 and status of Feed-in-Tariff as well as RE	SEDA, MNRE & UNDP

	<ul style="list-style-type: none"> • Promotes and implements the national policy objectives for renewable energy; • Implement, manages, monitor and reviews the feed-in tariff system including to carry out investigations, collect, record and maintain data, information and statistics concerning the feed-in tariff system, and to provide such data information and statistics as required • Carry out/ arrange for the conduct of researches, assessments, studies and advisory services, collate, analyse and publish information, statistics and factors influencing or relevant to the development of sustainable energy and to disseminate such relevant information, statistics and factors to Government Entities, the public and investors or potential investors investing in sustainable energy; • To act as a focal point to assist the Minister on matters relating to sustainable energy; and climate change • Data provider for RE data on biomass, biogas, PV and 			<p>generation target, which are all vital key measures under the proposed Roadmap.</p>	
--	---	--	--	--	--

	mini-hydro resources and its status				
	<p>Suruhanjaya Pengangkutan Awam Darat (SPAD)</p> <p>(Land Public Transport Commission)</p> <ul style="list-style-type: none"> • Draw up policies, planning and regulating all aspects of train, bus and taxi services as well as road- and rail-based freight transport • Implementer of the Land Public Transport Act 2010 • Propose policies and plans in relation to or affecting land public transport, and develop strategies in line with the approved policies and plans with a view to achieving a safe, reliable, efficient, responsive, accessible, planned, integrated and sustainable land public transport, while ensuring the provision of affordable services for the carriage of passengers and competitive services for the carriage of goods. 	Medium	Medium	SPAD, in combination with MOT, is a member of the TWG. Their engagement on the Malaysian Land transport plan and expansion would be vital to discuss under the proposed Roadmap development.	SPAD, MNRE & UNDP
	PETRONAS	Medium	Medium	Petronas – the national O&G company, in combination with the PM's Office, is a member of the TWG. Their engagement	Petronas, MNRE & UNDP

	<ul style="list-style-type: none"> • Entrusted with the entire oil and gas resources in Malaysia and is responsibility of developing and adding value to these resources • Engaged in a wide spectrum of petroleum activities, including upstream exploration and production of oil and gas to downstream oil refining; marketing and distribution of petroleum products; trading; gas processing and liquefaction; gas transmission pipeline network operations; marketing of liquefied natural gas; petrochemical manufacturing • Potential source for O&G national data • Potential hosts of mitigation actions in the O&G sector in the downstream industry 			<p>and inputs related to the O&G upstream and downstream industries are vital in the energy sector discussions under the Roadmap.</p>	
	<p>Civil Society Organisations/Non-governmental Organisations</p> <ul style="list-style-type: none"> • Key contributor of policy and technical inputs through participation in the stakeholder consultation process 	<p>Low</p>	<p>Medium</p>	<p>Key representations from the NGO/CSO bodies are members to the TWG. Their engagement from a development, socio-economics and environmental perspectives is vital to ensure that the Roadmap development is moving in the right direction. They will provide the necessary check and balance in the process.</p>	<p>Civil Society Organisations/Non-governmental Organisations, MNRE & UNDP</p>

	<p>Business and industry leaders, industry associations, chambers of commerce</p> <ul style="list-style-type: none"> • Key contributor of policy and technical inputs related to business and industry through participation in the stakeholder consultation process 	<p>Medium</p>	<p>Medium</p>	<p>Key representatives from key economic wide business communities are members to the TWG. Their engagement, ideas and thoughts are vital to ensure that the development of the roadmap will have significant buy-in and uptake from industry players relevant to sectors. Somewhat to provide a sense of reality in the discussion on what is practical on the ground for businesses to transit towards the low carbon pathway; and what challenges, therein changes or opportunities that need to be tackled or will rise. For instance, the business sector from energy (supply and demand) will be represented.</p>	<p>Business and industry leaders, industry associations, chambers of commerce, MNRE & UNDP</p>
--	---	---------------	---------------	---	--

<p>Beneficiary Groups <i>Describe the level of participation of beneficiary group(s) in planning the project</i> <i>Does the plan reflect the wishes/needs of the beneficiaries</i></p> <p><i>[Beneficiaries are those organisations, groups or individuals who are benefitting from the change that the project will deliver]</i></p>	<p>This project proposal was prepared together with the MNRE building upon the on-going collaboration with the Third National Communications and Biennial Update report (TNC/BUR) project between UNDP Malaysia and Government of Malaysia. This project will ride on the existing project governance structure of TNC/BUR project. Activities stated above are new and not covered under the existing TNC/BUR project.</p>
<p>Signature of Implementing Agency Lead Contact</p>	<p> Asfaazam Kasbani, UNDP Malaysia</p>
<p>Date</p>	<p>26 Mar 2016</p>

