



COUNTRY PROGRAMME ACTION PLAN 2016-2020



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MID-YEAR PROGRESS REPORT 2017

SECTION 1 TO 5: TO BE COMPLETED BY UNDP MALAYSIA

1. PROJECT DETAILS	
Project Title: Preliminary Study On Demand Side Management (DSM) Project	Award ID: 00100841 Project ID: 00096947 Project Period (Project Document): June 2016 – May 2017 Revised Project End Date (If Any): Dec 2017
Implementing Partner: Economic Planning Unit	

2. FINANCIAL MANAGEMENT	
2017 AWP Budget: USD173,840 2017 Expenditure - As of 15 June: USD 162,224.03 2017 Expenditure - As of 15 June (%): 93%	Total Project Budget: USD480,000 Total Cumulative Expenditure: USD 215,080.96 Total Cumulative Expenditure (%): 45%

(to be updated by PM)

3. PROJECT OVERSIGHT	
NSC: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Minutes (Attached): <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	NSC Date: 13/4/2017 20/6/2017 NSC Chair & Designation: YBhg. Datuk Allauddin Hj. Anuar, Deputy Director General (Sectoral), Economic Planning Unit, Prime Minister's Department

4. RISK LOG MANAGEMENT AND MONITORING	
Risk Log Reviewed: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Risk Log Amended: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Last Log Update: Last Log Amendment:

5. AUDIT AND EVALUATION	
HACT Audit: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Report (Attached): <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Rating:	Project Evaluation: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Report (Attached): <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Rating:



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SECTION 6 TO 8: TO BE COMPLETED BY IMPLEMENTING PARTNER

6. 2017 OUTPUT TARGETS AND STATUS – AS PER AWP																			
Outcome 3: Results Framework and Activities for the Comprehensive and Detailed DSM Study																			
<p>Target: Organised 2 days seminar on DSM Implementation Programmes in Model Countries (Japan, Thailand, Denmark)</p>	<p>Status: <input checked="" type="checkbox"/> On Track <input type="checkbox"/> Off Track</p> <p>Details:</p> <p>The seminar was held on 17 and 18 January 2017 at Marriott Hotel, Putrajaya with the participation of relevant stakeholders in energy DSM initiatives in Malaysia from various ministries, agencies, institutions, industries and professional associations across all three sectors of the study. The seminar had been attended by 81 participants from 54 ministries/organizations on 17 January 2017 and 71 participants from 44 ministries/organizations on 18 January 2017.</p> <p>This one and half day seminar had the following objectives:</p> <ul style="list-style-type: none"> i) To understand and learn on strategies, approaches and mechanisms in the implementation of DSM initiatives in the respective model countries; ii) To understand the governance structure of the DSM initiatives in the energy sector including legal and regulatory framework, funding and distribution mechanism, fiscal tools and sustainability of the initiatives; and iii) To understand the mechanism and enablers for energy data and information collection and analysis as well as the indicators to measure DSM initiatives performance. <p>The seminar started with an opening remark by YBhg. Datuk Allauddin bin Haji Anuar, Deputy Director General (Sectoral), EPU and continued with the presentations and Q&A sessions with the expert speakers from transport, followed by thermal sector on the first day and finally electrical sector on the second day. The list of honoured guest speakers in the seminar is as follows:</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Speaker</th> <th>Country</th> <th>Sector</th> </tr> </thead> <tbody> <tr> <td>1 Mr. Keisuke Nakamura Deputy Director, Energy Efficiency Division, Agency for Natural Resources and Energy, Ministry of Economy, Trade and Industry (METI)</td> <td>Japan</td> <td>Transport</td> </tr> <tr> <td>2 Dr. Atit Tippichai Manager, Policy Research and Analytics Programme, ASEAN Centre for Energy (ACE)</td> <td>Thailand</td> <td>Transport</td> </tr> <tr> <td>3 Mr. Henrik Rytter Jensen Consultant and Energy Planner</td> <td>Denmark</td> <td>Thermal</td> </tr> <tr> <td>4 Mr. Hiroshi Shibuya Representative of Green Breeze Energy Management Consultancy.</td> <td>Japan</td> <td>Thermal & Electrical</td> </tr> <tr> <td>5 Ms. Kritika Rasisuddhi Chief, Evaluation and Database Department, Demand Side Management and Planning Division, Electricity Generating Authority of Thailand (EGAT)</td> <td>Thailand</td> <td>Electrical</td> </tr> </tbody> </table>	Speaker	Country	Sector	1 Mr. Keisuke Nakamura Deputy Director, Energy Efficiency Division, Agency for Natural Resources and Energy, Ministry of Economy, Trade and Industry (METI)	Japan	Transport	2 Dr. Atit Tippichai Manager, Policy Research and Analytics Programme, ASEAN Centre for Energy (ACE)	Thailand	Transport	3 Mr. Henrik Rytter Jensen Consultant and Energy Planner	Denmark	Thermal	4 Mr. Hiroshi Shibuya Representative of Green Breeze Energy Management Consultancy.	Japan	Thermal & Electrical	5 Ms. Kritika Rasisuddhi Chief, Evaluation and Database Department, Demand Side Management and Planning Division, Electricity Generating Authority of Thailand (EGAT)	Thailand	Electrical
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<p>Target: 2 days hands-on training with expert from the transport sector for GIZ on Sustainable Transport Indicators</p>	<p>Status: <input checked="" type="checkbox"/> On Track <input type="checkbox"/> Off Track</p> <p>Details: The training was held by EPU and United Nations Development Programme (UNDP) in conjunction with Deutsche Gesellschaft fuer Internationale Zusammenarbeit (GIZ) from 24 January to 25 January 2017 at Marriott Hotel, Putrajaya with the participation of relevant key stakeholder in transport sector such as KeTTHA, MOT, NRE, SPAD, JPJ, ST, CTR and MGTC. The training was attended by 27 participants from 10 ministries/organizations including the consulting team on 24 January 2017, while 24 participants from 12 ministries/organizations including the consulting team on 25 January 2017. The training had the following objectives:</p> <ul style="list-style-type: none"> i) To understand the data requirement and key indicators for monitoring, reporting and verification (MRV) purposes in the transport sector; ii) To learn the methods in collecting data and estimating significant data such as vehicles kilometres travelled by vehicles types, load factor, etc.; and iii) To learn the tool/model used by the expert in data analysis. <p>The training started on 24 January 2017 with a welcome remark from YBr. Dr. Mohd Shaharin bin Umar, Director of Energy Section, EPU, followed by a DSM Knowledge Sharing Presentation by the consultant of the transport sector, Prof. Dr. Nasrudin bin Abd Rahim and GIZ's speakers. Mr. Sudhir Gota, Ms. Julia Nagel and Mr. Paponphanai Nanthachatchavankul from GIZ. The day 2 of the training continued with the Hands-On Training with the tools, led by Mr. Sudhir Gota.</p>
<p>Target: Organised a working group workshop to develop the TOR, framework and milestones for the main DSM study</p>	<p>Status: <input checked="" type="checkbox"/> On Track <input type="checkbox"/> Off Track</p> <p>Details: The workshop was held on 8 February 2017 at Pullman Lakeside Hotel, Putrajaya with the participant of relevant working group members from various ministries, agencies, institutions, industries and professional associations across all three sectors of the study. The workshop was attended by 45 participants from 40 organisations. The objectives of the workshop were as follows:</p> <ul style="list-style-type: none"> i. To outline the interim report and to gather more information for the draft final report preparation; ii. To review on the data collection, findings, analysis and its limitation; and iii. To conduct a brainstorming session to review the measures and targets for electrical energy, and as well as to discuss and agree on the proposed TORs of the full study for thermal energy and transport energy use sectors. <p>Based on the information obtained and the analysis conducted by the consultants, the working groups provided their advice and recommendations</p>



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	<p>on the analysis, and provided input in setting the priorities and strategic direction. The brainstorming session among the members of the working groups and the consultants have led to the preparation of the final TORs.</p> <p>Through this workshop, all the members have agreed on the final DSM proposal development and have proposed the supporting framework and activities for the execution of the full study for thermal energy and transport energy use.</p> <p>For electrical energy, there were several comments from some members on the targeted energy saving values and also proposed funding options to be considered by the government to implement the proposed DSM programmes. The consultant has explained and agreed to have further discussions with some stakeholders such as ST separately after the workshop.</p> <p>The findings from the workshop was incorporated in the draft final report and the final report by the consultants.</p>
<p>Target: Finalisation of the DSM preliminary study final report and preparation of the final TOR for the comprehensive DSM study</p>	<p>Status: <input checked="" type="checkbox"/> On Track <input type="checkbox"/> Off Track</p> <p>The consultants have completed their work on the DSM preliminary study final report and the final TOR for the comprehensive DSM study.</p> <p>DSM preliminary study final report has been prepared and endorsed through the approval of the National Steering Committee on the 20th June 2017. The final report contained the baseline on DSM initiatives, focus areas and boundary setting, and the framework activities for a full DSM study for the sectors on thermal energy & transport energy use. For the electrical energy sector, the final report contained a preliminary energy baseline study and prepared a detailed masterplan for the implementation of DSM initiatives with specified targets and measures.</p> <p>During the same National Steering Committee meeting, the committee members also endorsed the final tender document for thermal energy and transport energy use.</p> <p>Two rounds of reviews were carried out for the draft final and the final report, and feedback were received from members of the Technical Working Group and the National Steering Committee. The feedback provided was taken into account in the preparation of the DSM preliminary study final report.</p>

7. ISSUES AND CHALLENGES

Description:

Under Output 1: Baseline Studies on DSM Related Initiatives, study visits to model countries was initially planned as a key activity to provide inputs to the three outcomes of the study. This was however cancelled. The cancellation of the study visits resulted in some challenges for the consultants in obtaining some key information and facts on DSM programmes, including information on energy data classification and gathering, energy performance indicators, funding sourcing mechanisms and distribution etc.



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Action Taken by implementing Partner:

The team of consultants had revised the key activities and proposed to conduct an information and facts sharing seminar with experts from selected model countries in 2016. However, the seminar was held in January 2017 instead, due to the limited time to source for expert speakers and to prepare for the seminar in 2016. By bringing in experts from model countries to speak on the implementation of demand side management programmes in their respective countries, a wider group of stakeholders have benefited from the rich experience shared.

Additional Support Requested from UNDP/ EPU:

UNDP assisted in providing recommendations on potential expert speakers according to each sector from the selected model countries. UNDP Malaysia also arranged the allowance, travelling and accommodation for expert speakers invited for the seminar.

8. LINKAGE TO THE 11TH MALAYSIA PLAN: 2016

a. The project outputs will contribute to the following 11th Malaysia Plan Strategic Thrusts.

STRATEGIC THRUSTS (Mandatory)	
	Enhancing inclusiveness towards an equitable society
	Improving wellbeing for all
	Accelerating human capital development for an advanced nation
X	Pursuing green growth for sustainability and resilience
	Strengthening infrastructure to support economic expansion
	Re-engineering economic growth for greater prosperity

GAME CHANGERS (If Applicable)	
	Unlocking the potential of productivity
	Uplifting B40 households towards a middle-class society
	Enabling industry-led Technical and Vocational Education and Training (TVET)
X	Embarking on green growth
	Translating innovation to wealth
	Investing in competitive cities

b. The project outputs will contribute to the following 11th Malaysia Plan Key Focus Area (Bidang Fokus Utama) *(please state the specific focus area)*

The project outputs contribute specifically to Focus Area B under the Strategic Thrust on Pursuing Green Growth for Sustainability and Resilience- which is the focus area titled "Adopting the Sustainable Consumption and Production Concept". Strategy B3 of Focus Area B (Enhancing Demand Side Management) emphasises on the formulation of a comprehensive demand side management master plan.

Mid Year Progress Report 2017 approved by:

Name: DR. MOHD SHAHARIN BIN UMAR

Designation: Director (Energy Section), Economic Planning Unit, Prime Minister's Department

Date: 24.7.2017

DR. MOHD SHAHARIN BIN UMAR
Director
Energy Section
Economic Planning Unit
Prime Minister's Department