

1.Name of measure

Demand Side Management preliminary study (including Electricity sector, Thermal sector and Transport sector)

2.Purpose of measure

The Project aims to provide baseline understanding of the current state of energy demand side of Malaysia. The outcome targeted is baseline studies on Demand Side Management (DSM) initiatives, focus and boundary setting as well as framework activities for a full-fledged DSM study

3.Outline and applicable sectors (transport, buildings, manufacturing, etc.)

Scope of the preliminary study are as below:

1. Electrical Energy – Covers electricity consumption by commercial, residential and industrial sectors
2. Thermal Sector – Primarily used by the industrial sector for manufacturing processes that requires in-house electricity generation and hot water production which utilises but not confined to boilers, generators and heat recovery systems.
3. Transport Sector – Covers land, water and air transport that may include public transport, mass transport, commercial transport (for freight and logistics) and private vehicles but these are by no means exhaustive.

4.Financial resources and budget allocation of measures

Fund by United Nations Development Programme (UNDP)

5.Method to measure effects of measures (reduction in energy consumption and energy cost, etc.)

Consultant is hired to have a comprehensive study which include surveys and series of engagement workshop with stakeholders.

6.Results of measures

1. Demand side management will lead to capturing the full potential for low carbon green growth where there is a need to use policies and actions across a wide range of areas to correct existing market and policy failures and gaps, particularly those arising from environmental externalities and inadequate incentives for innovation.
2. Strengthen the capacity of policy makers and technical know-how of stakeholders towards low carbon development whilst at the same time undertaking concrete actions that will deliver emission reductions during the life of the project.
3. Promotes inter-sectorial cooperation, to ensure effective engagement across services and technology areas and efficient use of national resources.
4. Lead to the efficient use of energy and promote energy efficiency.
5. Interlink policy on cross-sectoral climate change mitigation measures, such as pursuing low carbon cities, energy efficiency in building and industrial sectors.

7.Future tasks

8.Others

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9.For further details about measures, please contact:

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