



EDM



Energy Demand Management

EDM

As part of sustainable energy, SEDA also engages in energy efficiency and energy demand management activities specifically in energy management and low carbon building facilitation program.

Low Carbon Building Facilitation Program

A practical sustainable energy solutions to reduce carbon emission in buildings using simple and affordable method promoted by SEDA Malaysia. It is a straight forward low carbon building program, to support the government carbon reduction initiatives. It is a basic 'green building' program.

The initiative on low carbon building focuses on energy management facilitation that is opens to any organizations. SEDA's Low Carbon Equation can be interpreted as conversion of energy reduction to carbon reduction over any of sustainable energy initiatives.



The objectives are:

On-going Assistance and Technical Support:

Helps the organization to develop or support their own energy management low carbon program

Capacity Building Development:

Facilitates in developing in-house capacity building and technical capabilities to run the low carbon program

Continuation of GLBE Initiatives:

This program continues the Government Lead by Example (GLBE) initiatives that sets example from the government to the public on the EE initiatives.

The main activities are:

Development of Energy Management Committee;

Training and Awareness Campaign;

Technical Inputs and Advices; and

Low Carbon Building Performance Assessment

(Using UNEP SBCI's Common Carbon Metric & GreenPASS).

List of Partners (not limited):

- Universiti Malaysia Sabah (UMS)
- Malaysian Agricultural Research & Development Institute (MARDI)
- Dewan Bandaraya Kuala Lumpur (DBKL)
- Putrajaya Corporation
- Majlis Bandaraya Petaling Jaya
- Majlis Bandaraya Shah Alam
- State Government of Negeri Sembilan

LOW CARBON ICT PROGRAM

This initiative focuses on energy management in ICT system ('Of the ICT System' and 'By the ICT System').

This approach is to quantitatively assess the usage of energy and carbon emissions of an ICT system, facilitate and assist on how to manage the consumption (and reduction of carbon) efficiently.

Current project:

The findings or potential energy saving measures can be used as a reference guide to telecommunication industry players and data center owners to upgrade or modify their data centers to reduce carbon emission.

Partners:

Malaysian Communications & Multimedia Commission (MCMC / SKMM).

Malaysia Technical Forum Sdn Bhd (an agency under MCMC).

Malaysia Green ICT Committee
(an ICT industry based committee under MCMC).

Technical Cooperation and Facilitation to Federal, States Government and Agencies

SEDA also provides continuous technical cooperation to other government agencies supporting the development or program related to energy efficiency and low carbon facilitation.

Facilitation includes:

- Speaker and Presentation of Papers;
- Providing Active and Valuable Inputs; and
- Member of Key Committees.

List of Government Agencies:

- United Nation Development Programme and Jabatan Kerja Raya (UNDP-JKR)
- Construction Industry Development Board (CIDB)
- Unit Perancang Ekonomi, Malaysia (EPU)
- Perbadanan Putrajaya
- Majlis Bandaraya Petaling Jaya (MBPJ)
- Malaysian Industry Government Group for High Technology (MIGHT)
- Cyberview, Cyberjaya
- UPEN and SUK Negeri Sembilan
- UPEN Perak



RMK 11

Energy Audit Conditional Grant Project

This grant is open to any existing commercial buildings that uses electrical energy more than 100,000 kWh per month. It is an incentive by the government to facilitate building owners to embark energy auditing in order to identify the potential energy savings that will helps to reduce the operation cost of the buildings.

Energy audit is a systematic process to understand how and where the energy being used, to explore on how to manage the energy efficiently and identify the energy savings potential.

Eligibility:

Any existing commercial buildings:

- Using electricity $\geq 100,000$ kWh/month
- Must have or appoint a person who will in charge (focal point) on energy management matter in the building / organisation.
- Appoint an Energy Service Company (ESCO) to do the energy auditing. The ESCO shall be registered with Energy Commission (or relevant authority in Sarawak).

How to apply:

Fill-up the application form

Forms can be downloaded at www.seda.gov.my/eagrant

Submit application form to SEDA Malaysia via

Email to rohaiza@seda.gov.my

Fax to **03-8870 5900** or

Post to SEDA Malaysia Office / by hand:

Sustainable Energy Development Authority (SEDA) Malaysia
Galeria PjH, Level 9, Jalan P4W, Persiaran Perdana, Presint 4,
62100 Putrajaya

Tel: **03-88705800**





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