ACCELERATING INDUSTRIES' CLIMATE RESPONSE
SRI LANKA

FACTSHEET

Energy Management Systems (EnMS):
The Five Most Frequently Asked Questions

What is an EnMS?

An Energy Management System (EnMS) is a framework for energy consumers including industrial, commercial and public sector organizations to manage their energy use. It helps companies identify opportunities to adopt and improve energy-saving technologies, including those that do not necessarily require high capital investment. In most cases, the successful implementation of an EnMS requires specialized expertise and staff training.

How is an EnMS implemented?

The approach that UNIDO has developed and improved over the years involves four basic steps:

STEP 1 is about developing commitment, which involves leadership, support, putting in place a team, removing barriers that would prevent the team from achieving their aims.

STEP 2 is about planning, which is where we decide what we're actually going to do.

STEP 3 is about implementing the things we decided in our plan and potentially involving more people from the organization.

STEP 4 is about continually improving these processes and our energy performance.

What are the benefits of an EnMS?

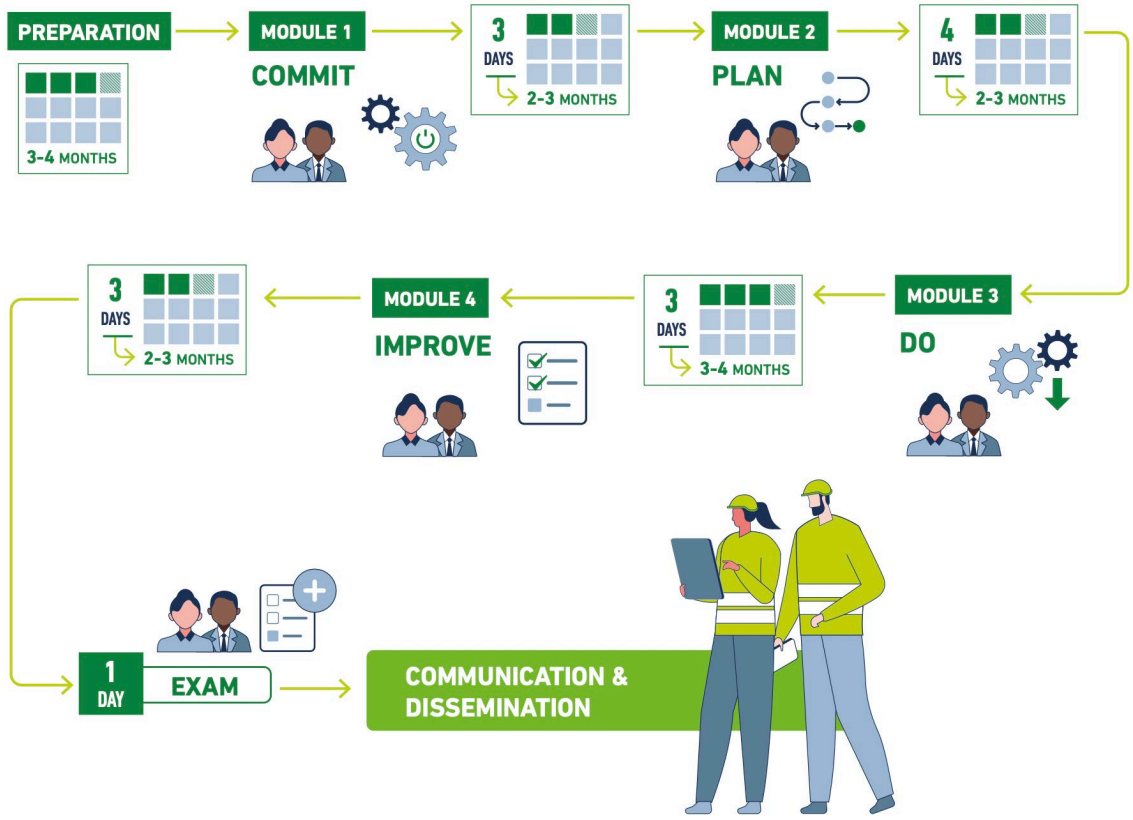
There are benefits for individual companies, the environment and our global climate that come from EnMS. In our experience, by systematically implementing an EnMS, companies can cut their energy costs by up to 30 per cent. The other spinoff of energy performance improvement for companies is that most equipment operates best and lasts longest if it is operating at its most energy efficient levels. In terms of the environment, using less fuels in production means less pollution and when it comes to the global climate, industrial energy efficiency can play a big part, helping to reduce CO_2 emissions.

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What are some practical examples of an EnMS in action?

There are many, many examples of companies worldwide that have successfully implemented an EnMS and reaped the benefits as a result. In Oman, for example, a vegetable oil company employing 500 people reduced their energy costs by 25 per cent in the first 18 months of putting an EnMS into place. For more case studies from around the globe, visit the **Industrial Decarbonization Accelerator website**.

How do I get started with an EnMS?

For anybody who is thinking about implementing an energy management system, the trick is just to do it. Perhaps start small with a group of motivated people in your organization. **Here is a kit** that UNIDO has developed to help get you started. It is also a good idea to reach out to your local UNIDO representative to find out how you can get involved in any training near you.

Accelerating Industries' Climate Response in Sri Lanka is a project funded by the European Union and implemented by the United Nations Industrial Development Organization with the Ministry of Environment, Ministry of Industry and the Ministry of Power and Energy.

European Union

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