

# Energy Management System (EnMS)

## From Legislation to Action

This training is designed to equip participants with the knowledge and practical tools necessary to comply with the Energy Efficiency and Conservation Act (Act 861) and implement an effective Energy Management System (EnMS) aligned with international standards such as ISO 50001 and Asean Energy Management System (AEMAS). The course emphasizes the importance of structured energy management to reduce energy consumption, ensure legal compliance, and achieve long-term sustainability goals.



**Wed & Thu**

4 & 5 February 2026

**MISIF Training Room**

Shah Alam, Selangor

**9:00 am**

### Key Highlights:

Legal obligations under the EECA:

EECA guidelines for implementing Energy Management Systems (EnMS)

Standards governing Energy Management Systems

Step-by-step process for developing an Energy Management System

The Plan-Do-Check-Act (PDCA) approach in Energy Management Systems

- Formulate energy policies & assemble dedicated teams
- Establishment of Energy Baseline
- Identify variables for energy performance indicators
- Perform energy assessments and audits
- Track, measure, & verify performance to drive continuous improvement

### Target Audience

Energy Managers, Facility Engineers, Compliance Officers, Sustainability Coordinators, and Senior Management



Call us for more info  
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For more information:  
**www.misif.org.my**

Email:  
**eveline@misif.org.my**

# Energy Management System (EnMS): From Legislation to Action

## Day 1

Time	Session Title
9:00 – 9:15 AM	Welcome & Introduction
9:15 – 10:30 AM	Session 1: Overview of EECA (Act 861), Energy Efficiency Conservation Regulations
10:30 – 10:45 AM	Break
10:45 – 11:45 PM	Session 2: Guideline Energy Management System
11:45 – 12:15 PM	Session 2: Introduction to Energy Management Systems
12:15 – 1:00 PM	Session 3: EnMS Core Elements & PDCA Cycle
1:00 – 2:00 PM	Lunch Break
2:00 – 2:30 PM	Working Session 1
2:30 – 3:30 PM	Session 4: Establishing Energy Baselines & EnPIs
3:30 – 4: 15 PM	Working Session 2
4:15 – 4:30 PM	Break
4:30 – 4:45 PM	Assessment check (Kahoot)
4:45 – 5:00 PM	Q&A

## Day 2

Time	Session Title
9:00 – 9:10 AM	Recap Day 1
9:10 – 10:30 AM	Session 6: Identifying SEUs and Opportunities
10:30 – 10:45 AM	Break
10:45 – 12:30 PM	Session 4: Establishment of Action Plan
12:30 – 1:15 PM	Session 7: EnMS Review, Documentation & Operational Control
1:15 – 2:30 PM	Lunch Break
2:30 – 3:30 PM	Working Session 2: Case Study & Group Exercise
3:30 – 4:00 PM	Session 8: Monitoring, M&V, and Continuous Improvement
4:00 – 4:15 PM	Break
4:15 – 4:30 PM	Assessment check (Kahoot)
4:30 – 5:00 PM	Q&A Wrap up Day 2 Certificate Ceremony

- Registration Fee: **Member - RM2,800, Non-Member - RM3,000**
- The registration form may be duplicated for additional participants.
- Confirmation of participation is upon receipt by MISIF of your completed registration form and payment, made payable to: **MALAYSIAN IRON AND STEEL INDUSTRY FEDERATION**. Payment can also be made by banking payment to MISIF's account at: **CIMB Bank Berhad** Account No: **8002275287**. Please send a copy the bank-in slip to MISIF immediately together with the registration form as proof of payment.
- No refund will be entertained although participants can be substituted at any time.
- The organizer reserves the right to cancel, reschedule, postpone or amend the workshop date/ venue/ program etc. as it deems fit. Please note that a 30% fee will be charged for no-shows.
- Registration Deadline: **28 January 2026**

### REGISTRATION FORM

1. Name: \_\_\_\_\_ Designation: \_\_\_\_\_

Email: \_\_\_\_\_ Tel: \_\_\_\_\_ Vegetarian: Yes / No

2. Name: \_\_\_\_\_ Designation: \_\_\_\_\_

Email: \_\_\_\_\_ Tel: \_\_\_\_\_ Vegetarian: Yes / No

3. Name: \_\_\_\_\_ Designation: \_\_\_\_\_

Email: \_\_\_\_\_ Tel: \_\_\_\_\_ Vegetarian: Yes / No

Submitted by

Name: \_\_\_\_\_ Designation: \_\_\_\_\_

Company: \_\_\_\_\_ Address: \_\_\_\_\_

Tel: \_\_\_\_\_ Email: \_\_\_\_\_