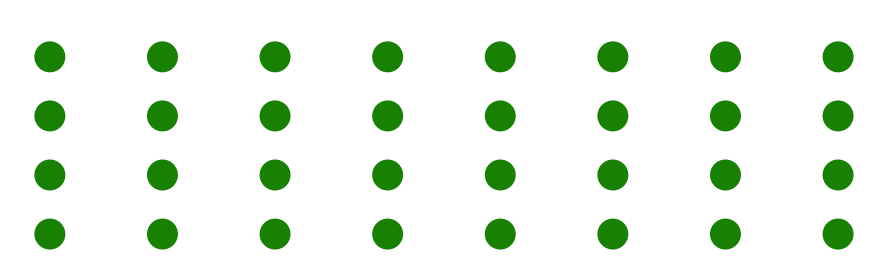


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Malaysian Association of Energy Service Companies

# CARBON & ENERGY MANAGEMENT:

## AN INTRODUCTION TO ISO14064 & ISO50001

***MOHD ISKANDAR MAJIDI***

One Day Training Program  
RM 650/Pax

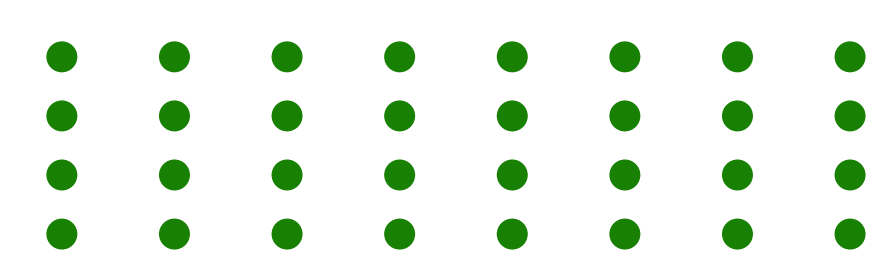


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017-5002161  
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## OVERVIEW

The Paris agreement, adopted by 195 countries is the first-ever universal and legally binding, global climate deal. The target of the agreement — limiting the global average temperature rise to well below 2°C, while aiming to limit the increase to 1.5°C — cannot be achieved without a major overhaul of global energy consumption and production as over 75% of global emissions result from use of energy.

As more organisations are committing towards low carbon in support of the Paris Agreement with many already declaring to achieve Net Zero before the mid of this century, the role of energy management is a critical component of carbon management process.

This is a training program for both non-technical and technical personnel who are interested to know about the requirement of ISO14064 and ISO50001 Standard to prepare their organisational towards low carbon operation.

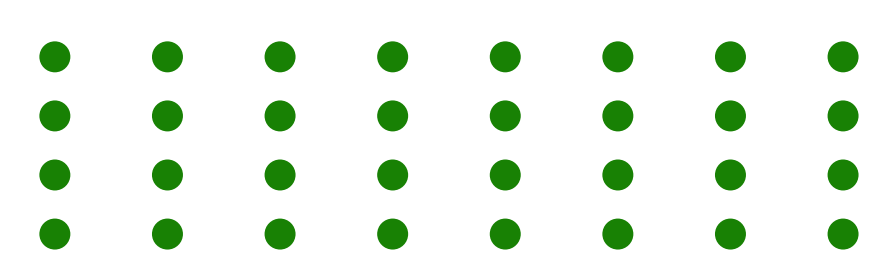
## TRAINING METHODOLOGY

- The training will provide information on how to develop carbon footprint inventory for an organisation and establish an energy management system.
- Participants will undertake some basic carbon footprint calculation exercises to familiarise with actual GHG calculation in the workshop during the training session.
- Participants will be shown key steps in implementing a structured energy management system in place

## BENEFIT OF PARTICIPATING

- Will equip participants with basic knowledge and techniques to develop GHG inventory and implement energy management
- Understand and meet market requirements on sustainability reporting and green practices where required.
- Prepared company for possible expected tighter requirements on national and global environmental related commitment.



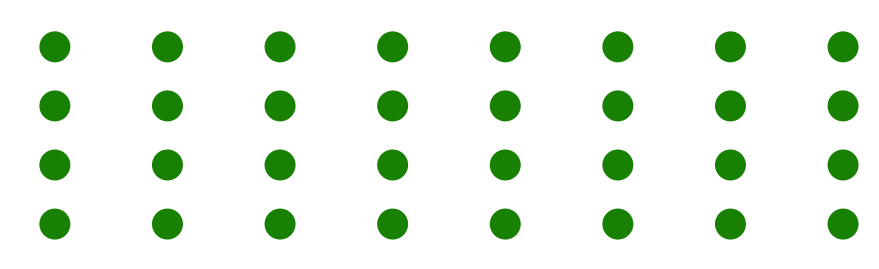


## WHO SHOULD ATTEND?

- Top management representatives and sustainability management committee members
- Management groups and executives from public listed company
- Sustainability manager
- Energy Service Companies
- Government officers/engineers/technical personnel involved in sustainable management programs at federal, state and local authority levels
- Facilities and asset managers
- Asset owners, administrators and facility management companies
- Lecturers, researchers, academicians and under and post-graduate students

## TRAINING OUTLINE

TIME	TOPIC
9:00 AM	<b>Global Warming &amp; GHG Emission</b> <ul style="list-style-type: none"> <li>• Paris Agreement &amp; Carbon Budget</li> </ul>
9:45 AM	<b>Overview of ISO14064 Standard</b> <ul style="list-style-type: none"> <li>• Corporate Accounting &amp; Reporting Standard</li> <li>• Project Accounting &amp; Reporting standard</li> </ul>
10:45 AM	<b>Developing GHG Inventory</b> <ul style="list-style-type: none"> <li>• GHG Reporting Principles</li> <li>• Setting Organisational Boundary</li> </ul>
11:15 AM	<b>Developing GHG Inventory</b> <ul style="list-style-type: none"> <li>• Setting Operational Boundary</li> <li>• Calculating GHG Emissions</li> </ul>
2:00 PM	<b>Overview of ISO50001 Standard</b> <ul style="list-style-type: none"> <li>• Why develop EnMS?</li> <li>• Key components of ISO50001                             <ul style="list-style-type: none"> <li>◦ Context of an organisation</li> <li>◦ Leadership &amp; Commitment</li> </ul> </li> </ul>
3:45 PM	<b>ISO50001 Planning</b> Energy Review Data collection Baseline & Performance indicator
4:00 PM	ISO50001 Implementation <ul style="list-style-type: none"> <li>• Support &amp; Operation</li> <li>• Performance evaluation</li> </ul>
5:00 PM	End Of Training



## TRAINER PROFILE



Mohammad Iskandar Bin Majidi is a Malaysian national, born in 1962 in Sarawak. He holds a Bachelor of Engineering in Marine Engineering from the University of Newcastle-Upon-Tyne, England, and is fluent in Bahasa Malaysia and English. His career includes roles as Director at Biopower Climate Care Sdn Bhd, focusing on renewable energy projects, and Principal Consultant/Director at Climate Plus Sdn Bhd, providing advisory services in carbon management, energy efficiency, and renewable energy. He has held various positions in energy consulting and project management, with a strong focus on renewable energy and energy efficiency initiatives.

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A GREENER  
TOMORROW***