

*From Principles to Practice*

# ESG Essentials, Carbon Footprint & Waste Analysis

*for Iron and Steel Industry***4 & 5 June 2024 | MISIF Training Room**

## Programme Overview

Tailored for mid-level managers and executives in Malaysia's iron and steel sector, this specialized training program delves into the core of sustainability with a focus on Environmental, Social, and Governance (ESG) principles. It addresses the industry-specific challenges and opportunities, blending essential theory with practical applications relevant to this sector. The program includes interactive workshops, case studies tailored to the Malaysian context, and expert-led discussions designed to cultivate a strategic mindset.

Participants will be guided through the latest trends, regulations, and sustainable practices essential for advancing operational efficiency, environmental conservation, and social well-being. This curriculum equips attendees with the knowledge to make informed decisions that uphold corporate and global sustainability objectives. With its relevant content, engaging format, and critical insights, this program is an invaluable resource for fostering leadership and corporate responsibility in the dynamic field of Malaysia's iron and steel manufacturing.



# From Principles to Practice: ESG Essentials, Carbon Footprint & Waste Analysis for Iron and Steel Industry

## 4 & 5 June 2024 | MISIF Training Room, Shah Alam

Day 1 (4 June 2024)

Day 2 (5 June 2024)

DAY 1	Focus Area: ESG Risks and Opportunities and Materiality Assessment
9.00am	<b>Introduction</b> <ul style="list-style-type: none"> <li>Training Goals and Objectives</li> <li>Key Learning Takeaways</li> <li>Key difference between ESG, Sustainability and Corporate social responsibility with examples from real cases of steel and iron industry across the globe</li> </ul>
10.30am	Tea Break
10.45am	<b>Module 1: Concepts of Sustainability and ESG</b> <ul style="list-style-type: none"> <li>Identification of ESG Risks and Opportunities</li> <li>Understanding strategic benchmarking and identifying gaps in organizations ESG readiness</li> <li>Key Regulatory Authorities Shaping Compliance Standards for Steel and Iron Industry</li> <li>Strategies for Adhering to Local and International Regulatory Guidelines</li> </ul>
1.00pm	Lunch
2.00pm	<b>Module 2: Material Matters and Materiality Assessment</b> <ul style="list-style-type: none"> <li>Understanding Material Issues and the importance of materiality assessment</li> <li>Identifying Material Matters Specific to the steel and iron industry.</li> <li>Constructing Your Materiality Matrix</li> </ul>
3.30pm	Tea Break
3.45pm	Continuation of Module 2
5.00pm	End of Day 1

DAY 2	Focus Area: Carbon and Waste Assessment
9.00am	<b>Module 3: Concepts of Carbon Footprint Assessment and Waste Management</b> <ul style="list-style-type: none"> <li>The core concepts of carbon footprint assessment &amp; waste management</li> <li>Regulatory bodies involved in Malaysia for both the material matters.</li> <li>Global supply chain regulations for steel and iron exports</li> <li>How to comply with local and global regulatory standards?</li> </ul>
10.30am	Tea Break
10.45am	<b>Module 4: Global Standards and Methodologies for Carbon Footprint Assessment and Waste Management</b> <ul style="list-style-type: none"> <li>Bursa Malaysia's sustainability guidelines, SGX sustainability guidelines, GRI Standards, TCFD, MCCG and other standards</li> <li>The basic application of GHG Protocol Corporate Standard for GHG accounting</li> <li>Understanding how to set organizational boundary, consolidation approach, operational boundary and calculate emissions.</li> </ul>
1.00pm	Lunch
2.00pm	Continuation of Module 4
3.30pm	Tea Break
3.45pm	<b>Group Activity:</b> <ul style="list-style-type: none"> <li>Team activity on proven case studies</li> <li>Team presentation on chosen case study</li> <li>Assessment on concepts of carbon footprint and waste management</li> </ul>
5.00pm	End of Day 2

- Registration Fee: **Member - RM2,200, Non-Member - RM2,500**
- 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.
- Registration Deadline: **31 May 2024**

### 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: \_\_\_\_\_

## Our Trainers



**Dr. Saleh Shadman**  
Project Lead and Manager

As the CEO of Eco Thinkers Solutions in Malaysia and Eco Thinkers Consulting in Bangladesh, Saleh holds a Doctor of Philosophy in Energy Security Modelling, a Master of Research, and a bachelor's in engineering (Mechanical Engineering) degree from the University of Nottingham, Malaysia. He has extensive working experience in the industry and academia and has worked as an External Consultant and Subject Expert for UKM Pakarunding, besides being an Associate Principal at Aubrens in Malaysia. He is a HRDC certified trainer with experience in conducting multiple public and in-house trainings across Malaysia. He specialises in Carbon Footprint assessments and carbon mitigation strategies and is a certified practitioner in GHG Accounting by the GHG Protocol while also working on ESG and EESG disclosures and framework development for clients across diverse industries. He has led 9 projects in Malaysia and 4 projects in Bangladesh as the Project Manager and leads with a key focus on delivering best in class products and services to his clients.



**Mr. Phahmee Ahanaf**  
Principal Consultant

Phahmee is a London-based Carbon Management & Climate Change Researcher specialising in advanced carbon projects at Namene Solar. He holds an MSc in Energy and Environmental Technology & Economics from City, University of London, and a BEng in Chemical with Environmental Engineering from the University of Nottingham, Malaysia. Certified in GHG Accounting by the GHG Protocol, he previously managed 6 carbon footprint projects for key clients, including NGOs, banks, and hotels. As the Principal Consultant at Eco Thinkers in Dhaka, he worked in notable projects like the carbon sequestration of Shaheed Zayan Chowdhury Park. In 2023, he represented City, University of London at the London Student Sustainability Conference and published on topics like carbon sequestration and energy policy. He also served as a lead auditor for the Fairtrade University and College Award at City, University of London.