

UNDERSTANDING ESG REQUIREMENT:

AN OVERVIEW AND PERSPECTIVE ON GREENHOUSE GAS EMISSION ACCOUNTING AND REPORTING



ChM Dr Shanmuga Kittappa

3 & 4 October 2024 **ENSEARCH Training Centre, Petaling Jaya**
8.30 am - 5.00 pm

OVERVIEW

The training program is intended to assist organizations in taking the initial steps toward achieving net-zero status. It commences with the development of an inventory of direct greenhouse gas emissions, facilitating the identification of emission sources and quantities within the organization. This, in turn, enables organizations to strategize improvements and reductions aimed at reaching their net-zero objectives. The training provides a structured pathway for participants to cultivate a broad range of knowledge and skills in carbon reduction. This, ultimately, prepares individuals to actively contribute to guiding their organizations on the journey toward net-zero emissions.

A suitable place to start with corporate greenhouse gas emissions accounting is with this course. As per the guidelines provided by the Greenhouse Gas Protocol, organizations can obtain valuable insights into their overall value chain emissions by creating a thorough emissions inventory that encompasses Scope 1, Scope 2, and Scope 3 emissions. Consequently, this makes it possible for businesses to focus their attention on the biggest chances for reduction. The goal of the course is to provide the information required for tracking, measuring, and reporting greenhouse gas (GHG) emissions. For these objectives, the GHG Protocol will serve as the norms and guidelines.

OBJECTIVES

- To provide a comprehensive overview of ESG and GHG requirements
- To explain the Greenhouse Gases (GHG) Protocol and explore the guidelines set by Intergovernmental Panel on Climate Change (IPCC).
- To outline the fundamental principles and procedures involved in reporting Greenhouse Gases (GHG) emissions
- To initiate an exploration into the quantification and computation of greenhouse gases (GHG).

WHO SHOULD ATTEND?

- Executives working in the sustainable sectors
- Construction
- Manufacturing
- Environmental Specialist

TRAINING FEE:

- Member = RM800
- Non-Member = RM1000
- Individual Membership + Training = RM1050
- HRDC Claimable + Member = RM900
- HRDC Claimable + Non-Member = RM 1000
- HRDC Claimable + Individual Membership = RM 1150



TRAINER INFORMATION ✓

ChM Dr Shanmuga Kittappa is a Certified Sustainability Practitioner by the Chartered Management Institute (UK) and a Certified Lean Practitioner by the British Institute of Standard, a Royal Charter UK. His membership in the Royal Society of Chemistry, specializing in Sustainability Practice in Chemical Management and Waste Disposal, underscores his proficiency in environmentally responsible chemical processes. In addition to his research leadership, Dr. Shanmuga is an ELITE member of the Faculty of Engineering at the University of Malaya, reflecting his significant contributions to academia. His role as a technical assessor for the Malaysian Department of Standards further attests to his expertise and recognition as a leading figure in the field of chemistry, science and technology. Dr. Shanmuga's profile highlights a blend of industrial expertise, academic excellence, pioneering research, and active participation in professional organizations, establishing him as a well-rounded and influential figure in sustainability and research.

TENTATIVE PROGRAMME**DAY 1**

8.00 am Registration
8.30 am Icebreaker and Pre-Assessment
9.00 am Module 1: Overview of ESG, Greenhouse Gas, Carbon Accounting & Dynamic of Climate Change
1.00 pm Lunch Break
2.00 pm Module 2: Greenhouse Gas Protocol and IPCC Guidelines
5.00 pm End Day 1

DAY 2

8.30 am Registration
9.00 am Module 3: Calculating Carbon Emission, a practical exercise
1.00 pm Lunch Break
2.00 pm Module 4: Reporting Carbon Emission, following international standard and local requirement
4.30 pm Post Assessment & Evaluation
5.00 pm End of training



Environmental Management & Research Association of Malaysia (ENSEARCH) (Reg: 70/84 WP)

Lot 10-3, Petaling Utama Avenue, Jalan 1/50, Taman Petaling Utama, 46150 Petaling Jaya, Selangor

Phone: 03- 7770 9445 WhatsApp : 011-26249445

Website: www.ensearch.org

Email: po-training@ensearch.org