



Carbon Neutrality for Logistics Industry ISO 14068-1:2023



THE MARITIME AND AVIATION
TRAINING FUND
海運及空運人才培訓基金

LOGSCOUNCIL
香港物流發展局
Hong Kong Logistics Development Council

政府資助計劃
Government-funded programme

高達 HK\$30,000 資助

智慧及綠色物流專業培訓計劃(PTSGLS)

Professional Training on Smart and Green Logistics Scheme

To support the logistics industry in nurturing more professional talents, the Hong Kong Special Administrative Region Government (HKSAR) has launched the "Professional Training on Smart and Green Logistics Scheme" (PTSGLS). This initiative provides a variety of course options to encourage in-service practitioners to acquire the latest knowledge and to assist the industry in upgrading and transforming towards greener and smarter practices.

Suitable for

- **Current Logistics Professionals:** Individuals already working in the logistics industry in Hong Kong ; OR
- **New Entrants:** Individuals who join the logistics industry in Hong Kong within four months after completing the courses.

Funding Details

- This course has been included in the List of Pre-approved Courses under the Maritime and Aviation Training Fund.
- Successful applicants can receive a reimbursement of **80% of their course fees**, with a maximum funding limit of HKD **\$30,000**
- Each individual may apply for funding for more than one preapproved course, with a cumulative cap of HKD **\$30,000**

The **Carbon Neutrality for Logistics Industry** course is a 2-day training program designed to equip logistics professionals with the knowledge and skills to achieve carbon neutrality in their operations. Aligned with **ISO 14068-1:2023**, the course revisits key concepts of greenhouse gas (GHG) emissions quantification and reporting, outlines **carbon footprinting for products**, and provides a clear pathway to Net Zero through a **logistics-specific carbon neutrality management plan**. Participants will learn methodologies for carbon footprint quantification, offsetting, and maintaining carbon neutrality status.

Course Objectives

- **Quantify and Report GHG Emissions and Removals:** Utilize ISO 14064-1 principles to quantify and report organizational greenhouse gas emissions and removals specific to logistics operations.
- **Measure Product Carbon Footprints:** Apply ISO 14067 requirements to calculate the carbon footprint of logistics products and services.
- **Apply ISO 14068-1 Standards:** Comprehend the evolution, key terms, definitions, and principles of ISO 14068-1:2023
- **Develop a Carbon Neutrality Management Plan:** Create a logistics-specific carbon neutrality management plan by following the Net Zero pathway and applying science-based targets.
- **Implement Quantification and Offsetting Methodologies:** Use appropriate methodologies for carbon footprint quantification and offsetting to achieve and maintain carbon neutrality.
- **Provide Practical Guidance for Carbon Neutrality:** Gain actionable insights to lead and manage carbon neutrality initiatives in logistics operations, ensuring compliance and consistency in GHG reporting.

Who Should Attend

This course is designed for logistics professionals, including:

- Supply Chain Managers: Managing end-to-end supply chains to reduce emissions.
- Sustainability Managers: Implementing sustainability initiatives in logistics.
- Fleet Managers: Reducing fuel consumption and emissions in vehicle fleets.
- Environmental Compliance Officers: Ensuring compliance with environmental regulations.
- Logistics Planners: Optimizing routes and load planning to minimize emissions.
- CSR Managers: Enhancing and reporting on environmental performance.
- Consultants and Auditors: Providing expertise and verification for carbon neutrality.

Why Choose This Course

- **Logistics-Specific Focus:** Tailored to address transportation, warehousing, and distribution emissions.
- **Aligned with ISO 14068-1:2023:** Covers the latest standard for carbon neutrality.
- **Expert-Led Training:** Delivered by experienced instructors (Mr. Stephen Yu, Mr. Risko Leung, Mr. Alex Chau, Mr. Vito Cheung).
- **Practical Application:** Learn methodologies for emissions quantification and carbon offsetting.
- **Competitive Advantage:** Enhance sustainability, reduce costs, and meet regulatory requirements.

Course Highlights

- **Comprehensive Curriculum:** Covers GHG emissions, carbon footprinting, and carbon neutrality principles.
- **Practical Guidance:** Focuses on logistics-specific applications like fuel emissions and supply chain optimization.
- **Certification:** Earn a BSI Pacific Limited training certificate upon passing the exam.

Course Outline

Module 1: Climate Change, International Mechanisms, and Related Standards (2 hours)

- Understanding carbon neutrality and its distinction from Net Zero.
- Overview of carbon markets, emissions trading, and carbon credits.
- Introduction to the ISO GHG series of standards.
- Benefits of applying ISO 14068-1 for logistics companies.

Module 2: Terms, Definitions, and Principles of ISO 14068-1 (1 hour)

- Evolution of ISO 14068-1 and changes from PAS 2060:2014.
- Key terms, definitions, and structure of ISO 14068-1.

Module 3: Starting to Become Carbon Neutral (6 hours)

- Committing to carbon neutrality and defining boundaries.
- Understanding Scope 1, 2, and 3 emissions in logistics.
- Quantifying GHG emissions and removals from logistics activities (transportation, warehousing).
- Reporting and verification per ISO 14064-1 and ISO 14067.

Module 4: Carbon Neutrality Management Plan (3 hours)

- Developing a logistics-specific carbon neutrality management plan.
- Applying the carbon neutrality hierarchy and science-based targets.
- Strategies for GHG emissions reduction and removal enhancement.
- Criteria for carbon credits and offsetting programs.
- Revising and updating the management plan.

Module 5: Claiming and Maintaining Carbon Neutrality Status (0.5 hour)

- Preparing a carbon neutrality report and claim.
- Verification processes and issuance of opinion statements.

Date and Price

- **Course Fee:** Original fee from HKD 4,400 per participant (includes course materials, certificates, etc.) to **HKD 880 ONLY after successful reimbursement**
- **Venue:** BSI Office - 23/F, Cambridge House, Taikoo Place, 979 King's Road, Quarry Bay
- **Mode of Delivery:** Face-to-face, online, or hybrid
- **Completion Requirements:** 90% attendance and a passing mark of 70% in the examination

For more details or to register, visit the **BSI website** or **contact us**.



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