



Greenhouse Gas Practitioner for Logistic Industry ISO/IEC 14064-1 & 3:2018 and ISO/IEC 14067:2018



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 **Greenhouse Gas Practitioner for Logistics Industry** course, offered by BSI Pacific Limited, is a 6-day training program designed to equip logistics professionals with the skills to implement and manage greenhouse gas (GHG) accounting and reporting based on **ISO/IEC 14064-1 & 3:2018** and **ISO/IEC 14067:2018**. This course addresses logistics-specific challenges, such as fuel consumption, fleet management, and supply chain emissions, to develop comprehensive carbon management plans and achieve accurate GHG reporting and verification.

Course Objectives

- **Understand** the fundamentals of **GHG accounting** and reporting specific to logistics operations.
- Learn to quantify and manage the **carbon footprint** of logistics services and products.
- Develop a **carbon management plan** tailored to logistics operations.
- Gain insights into the verification and validation processes for **GHG statements** in the **logistics context**.

Who Should Attend

This course is ideal for:

- **Supply Chain Managers:** Managing end-to-end supply chains and seeking to reduce emissions.
- **Sustainability Managers:** Implementing sustainability initiatives within logistics operations.
- **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:** Improving and reporting on environmental performance.
- **Consultants and Auditors:** Providing expertise and verification services for carbon neutrality.

Why Choose This Course

- **Industry-Specific Focus:** Tailored for logistics, addressing transportation, warehousing, and supply chain emissions.
- **Globally Recognized Standards:** Aligned with ISO/IEC 14064-1 & 3:2018 and ISO/IEC 14067:2018.
- **Expert-Led Training:** Delivered by experienced instructors (Mr. Stephen Yu, Mr. Risko Leung, Mr. Alex Chen, Mr. Vito Cheung).
- **Practical Application:** Learn methodologies for calculating emissions and developing carbon management plans.
- **Competitive Advantage:** Enhance sustainability, reduce costs, and meet environmental regulations.

Course Highlights

- **Practical Focus:** Apply GHG accounting to logistics scenarios like fuel consumption and vehicle emissions.
- **Comprehensive Curriculum:** Covers ISO standards and tools like Life Cycle Inventory (LCI) Analysis.
- **Certification:** Earn a BSI Pacific Limited certificate upon passing the exam.
- **Quality Assurance:** Includes yearly internal audits and customer questionnaires for training effectiveness.

Course Outline

Module 1: Quantification and Reporting of GHG Emissions and Removals for Organizations (7 hours)

- Introduction to climate change and the ISO 14060 family
- Terms, definitions, and principles for GHG accounting
- Setting boundaries for GHG inventory in logistics (transportation, warehousing, distribution)
- Specific methodologies for calculating emissions from logistics activities (fuel consumption, vehicle emissions, energy use)
- GHG mitigation strategies
- Quality management, reporting, and verification

Module 2: Quantifying the Carbon Footprint of Products (14 hours)

- Overview of ISO/IEC 14067:2018
- Calculating the carbon footprint of logistics services (transportation, storage, last-mile delivery)
- Life Cycle Inventory (LCI) Analysis for supply chains
- Methodology for Carbon Footprint of Products (CFP) and partial CFP
- CFP study report and critical review

Module 3: Carbon Management Planning (14 hours)

- Gaining top management buy-in and forming a carbon management team
- Using a management system to implement a carbon management plan
- Mitigating GHG emissions through green warehousing, electric vehicles, and intermodal transport
- Adapting to climate change
- Assessing and evaluating carbon management plan effectiveness

Module 4: GHG Validation and Verification (7 hours)

- Common processes in verification and validation
- Preparing for third-party verification of logistics-related GHG statements
- Ensuring accuracy and reliability of GHG data
- Independent review and opinion statement

Date and Price

- **Course Fee:** Original fee from HKD 13,200 per participant (includes course materials, certificates, etc.) to **HKD 2640 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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