

"This course has been included in the List of Pre-approved Courses under the Maritime and Aviation Training Fund."

[Government-funded Programme - PTSGLS 智慧及綠色物流專業培訓計劃]

## The Present and Future of Smart and Green Logistics



### Overview

ESG considerations are reshaping industries. This 2-day certificate course is designed to equip logistics practitioners with enhanced ESG knowledge, actionable strategies for reducing environmental impact and delve into governance framework. You will learn about emerging technologies tools like IoT, AI, blockchain and discover best practices for carbon reduction and fair labor. Gain practical skills and insights to create a greener and smarter future in Logistics sector.

This course is subsidized by the **Professional Training on Smart and Green Logistics Scheme (PTSGLS) under the Maritime and Aviation Training Fund (MATF)**, launched by the Hong Kong SAR Government to support the logistics industry's transition towards sustainability and innovation. By participating in this course, you will gain actionable insights into reducing environmental impact, enhancing social responsibility, and leveraging cutting-edge technologies to future-proof your career in logistics sector. The course contents will also cover relevant topics such as Scope 3 Supply Chain Emission, Decarbonization, waste and energy management, and process changes for modern logistics.

## Course Objectives

- Understand ESG Fundamentals: Grasp the important role of logistics in ESG issues, along with key drivers for ESG adoption
- Explore Environmental and Social Strategies: Learn best practices for carbon reduction, sustainable packaging, fair labor, and community engagement through case studies.
- Develop Governance Frameworks: Build a governance framework for ESG compliance, analyze regulatory trends, and identify ESG risk and opportunities
- Leverage Advanced Technologies: Learn the role and application of emerging technologies like IoT, AI, and blockchain in smart and green logistics with case studies
- Cover relevant topics such as sustainable fuels, waste and energy management, and process changes for modern logistics

## Who Should Attend

Logistics sector practitioners, and those who are planning to enter the logistics industry of Hong Kong

## Certificate

A **Course Completion Certificate** will be awarded by GS1 Hong Kong and Hong Kong Transport & Logistics Association to those who have successfully completed the course

## Course Highlights

- ✓ Be equipped with Enhanced Knowledge: Gain a comprehensive understanding of ESG principles and their significance in the logistics industry.
- ✓ Learn Practical Strategies: Learn actionable strategies for reducing environmental impact and promoting social responsibility through real-world case studies.
- ✓ Gain Governance Insights: Develop skills to create effective governance frameworks for ESG compliance and navigate regulatory landscapes.
- ✓ Explore Technology Integration: Discover how emerging technologies like IoT, AI, and blockchain can optimize logistics operations for sustainability.
- ✓ Pre-approved by PTSGLS, max. 80% course fee reimbursable by eligible applicants.

## Course Details

Duration : 2-Day  
Venue : 22/F, OTB Building, 160 Gloucester Road, Wanchai, Hong Kong  
Language : Cantonese (supplemented with English materials)

## Course Fee

**HKD 6,800** per person

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Eligible applicants will be refunded 80% of the course fee, subject to a maximum of HK\$30,000 (whichever is less).

To arrange corporate in-house training, contact us for more details.

## Course Curriculum

### 1) Introduction to ESG and Future Requirements in Logistics Industry

- Introduction to ESG in Logistics
- Environmental and Social Strategies in Logistics Sector
- Governance and Future Requirements
- Real Case Study

### 2) Advanced Technologies in Smart & Green Logistics

- Introduction to Emerging Digital Applications
- Digital Transformation in the Logistics Sector
- Technologies in Smart and Green Logistics (eg. IOT, AI & Big Data Analytics, Robotics & Automation Technology, Blockchain, Cloud Technology, etc.)
- Real Case Study

### 3) GHG Emission, Carbon Footprint & Decarbonization

- Understand Green House Gas Combination
- Green House Gas Emission Factor and Calculation
- Carbon Footprint and Inventory
- Green House Gas Emission Management Systems
- Product Carbon Footprint & PCF Label
- Carbon Reduction Strategy
- Scope 3 - Supply Chain Emission
- Transport Chain Emission Management & Mitigation
- Decarbonization and Carbon Neutrality
- Online Carbon Calculators

### 4) Hong Kong Climate Action and Green Transport & Logistics Action Plan

- COP21 & HK Climate Action, Green Transport & Logistics Action Plan
- Global Logistics Emission Council - End to End Transport Chain Emission - ISO 14083
- Green Bunkering and Energy Roadmap
- GBA Green & Smart Logistics Case Sharing
- Framework on Green Transport, Warehouse, Supply Chain Scorecard
- EU ETS, CBAM, Circular Economy
- Cases of ESG and Sustainability in Hong Kong

## Course Completion Requirements

To successfully complete the course, participants must:

- Achieve over **70% attendance**, and
- Pass the assessment with a **score of 70% or above**.

## Trainer Profiles

### **Ms. Heidi HO**

- Global Traceability Trainer, GS1 Global
- Principal Consultant, GS1 Hong Kong
- Certified ESG Planner, CEP™
- Certified Agile Leader
- Project Management Professional, PMP®
- SCOR® Trainer and Certified Lean (Service) Professional
- Seasoned trainer in supply chain and traceability with 24+ years experience in leading regional supply chain function for FMCG and MNC Food corporations
- Accredited Auditor, clients include General Mills, Lam Soon, AEON, Maxim's, Swire Coca-Cola, etc.
- Member of Centre of Food Safety's Trade Consultation Group, International Food Safety Association, Hong Kong Food Council, Hong Kong Logistics Association, Chartered of Transport and Logistics, and iProA



### **Mr. KK SUEN**

- Chief Engineer and Principal Consultant, GS1 Hong Kong
- Former Vice Chairman of Hong Kong Retail Technology Industry Association
- Former Vice Chairman of XML Specialist Group of Hong Kong Computer Society
- Former Advisor of XML CG (XML Coordination Group) of the HKSAR Government
- Seasoned trainer with 35+ years of experience in System Development System Design, and Consultancy
- Visiting lecturer, Hong Kong Polytechnic University, in Innovation and IT for Supply Chain Management
- Former member of Expert Review Panel of The Hong Kong R&D Centre for Logistics and Supply Chain Management Enabling Technologies (LSCM R&D Centre)



### **Mr. Ringo HONG**

- Certified ESG Planner® - ICSD
- Certified Supply Chain Management Manager
- Greenhouse Gas Professional & Practitioner (ISO 14064: Managing GHG Emissions)
- Co-Opt Member of Hong Kong Transport & Logistics Association
- Full Member, The Institute of Management Specialists, UK
- Member, Special Team for the Action Plan on Modern Logistics Development of the HKSAR Government
- Consultant specializing in supply chain and ESG strategy management and implementation
- Guest lecturer, VTC



### **Dr. Alex CHAN**

- Chairman of Hong Kong Transport & Logistics Association (2019-2020, 2023-2024)
- CILTHK, Chartered Fellow (since 2001), Council Member (2019 – 2024)
- Certified ESG Planner® - ICSD
- Hon. Doctorate in Logistics and Transportation Engineering
- Master in Logistics & Operation
- Steering Committee Member in Logistics 4.0, Cold Chain, Smart Port
- Assessor & Advisor : HKICT Award - Smart Mobility, LSCM-ERP, CHKLI, HKTDC - Logistics Services Advisory
- Consultancy for Supply Chain Management Control Tower - Li & Fung Logistics
- Member of Hong Kong Maritime and Port Board
- Fellow Member of HKLA, HKTLA, and IMS - UK
- Author of the book "ESG 知多啲-綠色運輸物流邁向碳中和"



#### **Enrollment & Enquiries**

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