

## Thailand's Annual International Training Course (AITC) 2017

### “Green Freight and Logistics Development”

**I. Course Title:** Green Freight and Logistics Development

(Priority for Greater Mekong Subregion Economic Cooperation (GMS) Countries and Bay of Bengal Initiative for Multi-Sectoral Technical and Economic Cooperation (BIMSTEC) Member States)

**II. Duration:** 21 August – 2 September 2017

**III. Closing Date for Applications:** 16 June 2017

**IV. Background and Rational**

In Asia and the Pacific, it is expected that demand for freight and logistics will grow significantly in the coming years, and continue to play a significant role in driving economic growth through a strong linkage with trade and investment and thus contributing to poverty reduction in the region. Freight and logistics within transport sector account for a significant portion of total energy use, which result a large share of CO<sub>2</sub> emissions<sup>1</sup>. Therefore, promotion of efficient, environmentally sustainable and safe freight transport is a development issue drawing attention from development partners, governments, business communities, and civil societies of both developed and developing economies.

In the context of increasing regionalization and globalization in recent decades, freight and logistics have been growing in a number of areas. At the same time, the sectors have encountered a number of issues related to adverse environmental impacts, such as Green House Gas (GHG), toxicity, global warming, caused by freight and logistics operation. Therefore, (i) enhancing awareness and knowledge of potential and benefits of green freight policies in the region; (ii) identifying opportunities that can be developed into actions in practice; and (iii) shaping strategies for development of green freight and logistics for policy makers and businesses in the private sector is an urgent need.

**V. Objectives:**

The main objective of the training is to address the importance of ‘Green’ or sustainable practices in the transport and logistics industry. The training program aims to raise awareness of the importance of Green Freight and Logistics to the global customer base. More specifically, it aims;

- To discuss the potential and benefits of green freight policies,
- To identify opportunities that can be developed into actions and projects,
- To form a knowledge base to complement efficient logistics and green freight programs in the countries.
- To share best practices in Thailand to promote learning and exchange among various stakeholders in green freight and logistics.

At the end of the training, the participants will be able to acquire knowledge and practical skills on different pertinent topics. They will have deep understanding on the significance of “Green” or sustainable practices in the transport and logistics industry. Moreover, this training will also provide:

- Procedures, formalities and practices in transport and logistics activities and management.
- Strategies on transport and logistics planning and management to complement efficient logistics and green freight programs in the countries.
- Enhancement of the participants’ knowledge and practices on effective implementation of green logistics procedures and logistics management.

## **VI. Course Content:**

### ***Module 1: Introduction to Green Logistics***

Session 1: Why Green Freight, Concept, Significance and Approaches for Green Logistics

Session 2: Current Green Freight Program and Initiatives

### ***Module 2: Green Freight Certification Process***

Session 3: The Green freight movement

Session 4: Green Freight Labeling

Session 5: Green Freight Certification and preparation

Session 6 : Certification benefits to qualify for Green Freight Asia (GFA) label and relevant labels (e.g. Q-Mark Thailand)

### ***Module 3: Preparing Companies for Green Logistics***

Session 7: Financial benefits at a company level

Session 8: Preventive maintenance program and corrective maintenance program

Session 9: Reducing Fuel consumption and emission

Session 10: Company Operational Efficiency

Session 11: Driver training

Session 12: Developing in house driver training initiatives

### ***Module 4: Policy and Consumer Awareness***

Session 13: Overview of International, Regional Agreement on Transport of Dangerous Goods

Session 14 : Introduction to the European Agreement concerning the International Carriage of Dangerous Goods by Road (ADR) (EU-ADR) and its adaptation in Asia and the Pacific

Session 15: Rules and regulations and analysis of gaps/challenges to meet “ASEAN Protocol 9”

Session 16: Significance and process to generate consumer awareness on Green Freight in Asia and the Pacific.

### ***Module 5: E-Business and E-Logistics in Supply Chain Management***

Session 17: Importance of E-Business and E-Logistics Supply Chain

Session 18: Business-to-business (B2B)

Session 19: Business-to-consumer (B2C)

Session 20: Restructuring of the supply chain

### ***Module 6 : The Role Of Government In Promoting Green Logistics***

Session 21: Objectives of public policy on sustainable logistics

Session 22: Policy measures on:

- Reducing freight transport intensity
- Shifting freight to greener transport modes
- Improving vehicle utilization, Increasing energy efficiency and Cutting emissions relative to energy use
- Government-sponsored advisory and accreditation

Session: 23: Designing individual action plan to introduce green freight and other related issues to various stakeholders in the logistics sector

### **Structured Learning Visits (SLVs)**

Structured learning visit will be organized to gain knowledge on some best practices in Thailand. The participants will be assigned with the task to observe and formulate queries and prepare field notes on best practices, support infrastructure, constraints and challenges. The SLVs aims at improving participants’ understandings of green freight and logistics management and development. The visit will inspire and motivate the participants to propose feasible Action Plans on how to improve the development status of green freight and logistics in line with each national / local development context.

### **Action Plan Guidance and Preparation**

As part of the training program, the participants will be required to prepare their action plans to disseminate the knowledge and skills they learned/gained during the training. The action plan should consist of a number of action steps in accordance with the national/local scenario, added with the endowment of clear-cut group work divisions and responsibilities.

### Training Assignments

Training assignment will require participants to practice professional skills and integrate concepts of transport and logistics management for their own country linking to regional and international level. In addition, participants will work in groups, these activities will promote communication and promote national collaboration and foster a professional network of contacts among participants. Specific assignments will also be provided throughout the course.

### Country Report Guidance and Preparation

Prior to the training, the participants are requested to prepare a country situation report on “Country’s Green freight and logistics situation”. (Template will be circulated to successful candidates) Country-wise presentation will be made during the training.

### **VII. Number of Participants: 20 persons**

(Priority for Greater Mekong Subregion Economic Cooperation (GMS) Countries and Bay of Bengal Initiative for Multi-Sectoral Technical and Economic Cooperation (BIMSTEC) Member States)

### **VIII. Qualifications**

Candidates must possess qualifications as specified in “Guideline for Thailand’s Annual International Training Course Programme” No. 2 “Qualifications.” Moreover, candidates with the following qualifications are preferred.

- Mid-level officials from relevant agencies i.e. Ministry of Transport, Energy and Environment, Port Authorities, Logistics Associations;
- Have at least 5 years of experience in Logistics/ Transport sectors.
- Have a university degree in discipline directly related to Logistics/ Transport sectors;
- Have sufficient professional capacity to actively participate cross-culturally at international level;

### **IX. Venue and Training Institution:**

Mekong Institute  
Khon Kaen, Thailand

### **X. Contact**

For more information, please contact;  
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