

SAFE THAI

Safety and Environmental Best Practices Exchange
for Transportation of Hazardous Substances in the Industry

A Project Funded by
European Union



(Under the Thailand-EC
Cooperation Facility)

PROJECT OVERVIEW

By
SAFE THAI Project Team



A Project Implemented by



Hazardous Substances Logistics
Association



Project Details

Project Title - **SAF**ety and **E**nvironmental Best Practices Exchange for **T**ransportation of **HA**zardous Substances in the **I**ndustry

Project Partners - HASLA (Lead Applicant)
Adelphi Research (European Partner)

Project Amount - 191,583 Euro (Grant – 143,687 Euro)

Project Duration - 11 months

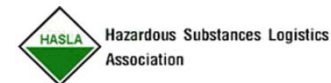
Project Location - Central Bangkok Metropolis
- Eastern Seaboard – Chonburi, Rayong

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Project Details

Project Target Group - Thai Chemical and Logistics Industries
SME / SMI, Local Authorities

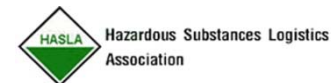
Project Objective - The Project aims to **establish sound and sustainable best practices** for chemical and hazardous material transportation companies in Thailand through increased awareness on EU regulations, Multilateral Environmental Agreements (MEAs) and by building capacity through a series of trainings & workshops, with an aim to foster better dialogues and trade relations between EU and Thailand.

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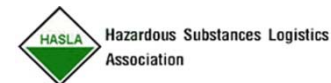
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Project Details

Project Target / Beneficiaries

- Small & Medium Enterprises in the Thai Chemical and Logistics industry
- Representatives of local administrators from Bangkok Metropolis, Chonburi and Rayong provinces
- Academia, TVET (Technical & Vocational Education and Training) institutions, Industry action groups, Government agencies concerned with safety & environment



Project Logic

Why Transportation Sector ?

Nature of Industries in Thailand (Automobile, Chemical & Electronic)

Huge Transportation of Chemical & Hazardous Substance

(2006 - 28 Million Tons within country & 6 Million tons across borders)

Concentration of Industries in Central & Eastern Seaboard

(Bangkok Metropolis, Chonburi & Rayong provinces)

Lack of Sufficient Treatment Facility (estimates- only 20 to 25%)

Leading to Huge Risks for Transportation of Chemicals &

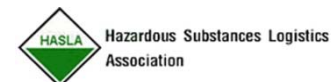
Hazardous Material (environmental, health & safety)

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International Conventions on Hazardous Substances

Basel Convention on Trans-boundary Movement of Hazardous Wastes

Rotterdam Convention on Hazardous Chemicals, Pesticides in International Trade

Stockholm Convention on Persistent Organic Pollutants

IMDG (International Maritime Dangerous Goods) Regulation on Dangerous Goods

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EU Directives and Regulations

RoHS Directive - Restriction of the Use of Hazardous Substances in Electrical & Electronic Equipment

WEEE Directive - Waste Electrical & Electronic Equipment

REACH - EC Chemical **Regulations** on the Registration, Evaluation, Authorisation & Restriction of Chemicals

EuP Directive - EcoDesign Requirements for Energy Using Products

ELV Directive - End of Life Vehicles

Packaging Waste Directive

Batteries & Accumulators Directive

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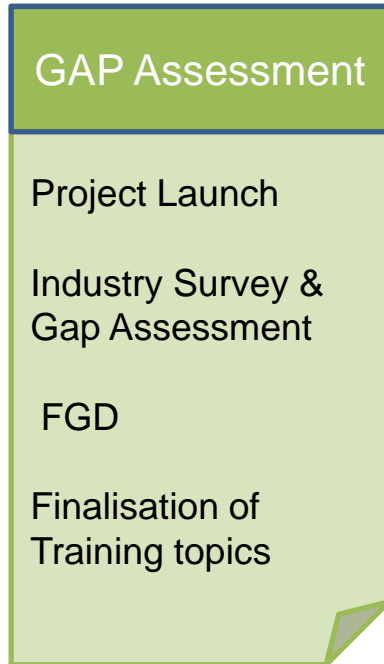


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Project Framework

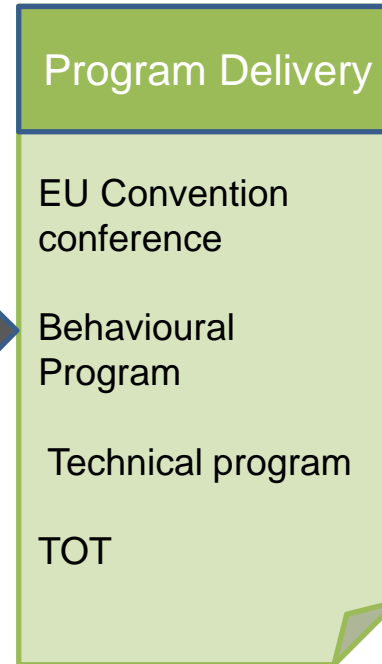
Analyse



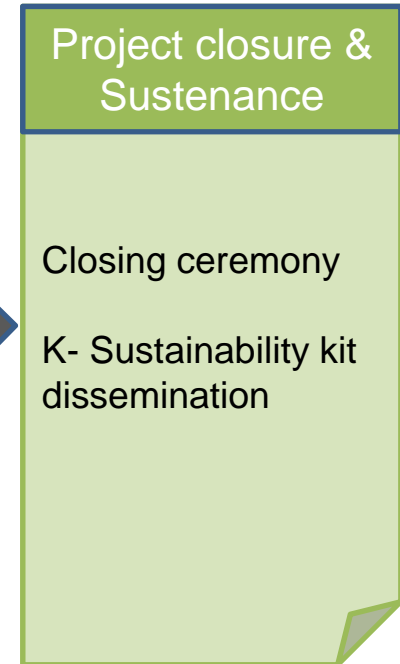
Create



Mentor



Sustain



11 Months

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Trainings Envisioned

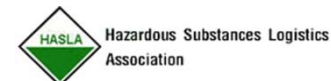
Program Type	Training Titles
Conference (2)	Conference on MEAs, EU Conventions (International, EU Directives and Regulations), Best Practices (2)
Behavioral programs (2)	Behavior Based Safety (1) Defensive Driving Basics and Importance (1)
Technical Programs (9)	Handling (4) Hazardous Waste and Chemicals Handling Basics (1) HAZCOMM (Hazards Communication) & Critical Injuries (1) Emergency Preparedness & Response (2)
	Storage (2) Hazardous Waste and Chemicals Storage <ul style="list-style-type: none"> • Overview of Marking & Classification (1) • Labeling & Packaging (1)
	Transportation (3) Basic International Requirements of HazMat Transportation (1) IMDG Regulations on Dangerous Goods (1) Load Securing & Distribution (1)
ToT (Train the Trainer) (4)	Training and Facilitation Skills Workshop (2) Implementation of MEA Best Practices across Industry Sectors and Functions (Handling, Storage & Transportation) (2)

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Expected Results

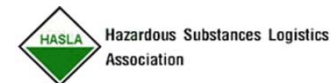
- Sound chemical & hazardous waste management
- Improved compliance to EU conventions and regulations
- Improved compliance to Multilateral Environmental Agreements
- Strengthened trade & increased investment flow between EU & Thailand
- Decrease in accidents / fatalities related to chemical & hazardous waste transportation
- Safer work environment & Safe Thailand

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Spill Can Kill
– Safely transport hazardous substance.

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**Towards a Safe transportation
of Hazardous Substances.**

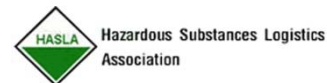
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Thank You

For more information on
the SAFE THAI Project,
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Or e-mail to
mongkol@safe-thai.net
ananya@safe-thai.net



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