

Multi-year Expert Meeting  
on Transport, Trade Logistics and Trade  
Facilitation:

**Trade Logistics and the 2030 Agenda for  
Sustainable Development**

23-24 October 2017

by

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UNCTAD

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Multi-year Expert Meeting on  
TRANSPORT, TRADE LOGISTICS AND TRADE FACILITATION

TRADE LOGISTICS AND THE 2030 AGENDA  
FOR SUSTAINABLE DEVELOPMENT

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## Why Sustainable Freight Transport (SFT) Toolkit?

The importance of freight transport as a trade enabler, engine of growth and a driver of social development is widely recognized. However, the associated adverse impacts of freight transport activity on the environment, human health and climate are also cause for concern.

If left unchecked, unsustainable patterns are likely to intensify undermining any progress made to the implementation of the 2030 Agenda for Sustainable Development and the 2015 Paris Climate Agreement.

### KEY DATA

Global **freight transport volumes** are projected to **grow 4 time by 2050**, driven in particular by economic growth in developing countries.

- Freight transport energy consumption could increase by **60% from 2012 to 2050 under business-as-usual scenario**.
- Freight transport activity currently account for **7% of Global economy-wide GHG emissions** and are expected to grow by a factor of **3.9 by 2050**.
- Freight transport activity accounts for about **35-60% of total logistics cost depending on commodity type and supply chain**.
- Transport-related externalities, road accidents, congestion, air pollution in many developing countries accounts for **6-10% of GDP**.

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By promoting to **sustainable freight transport systems** today, developing countries will be better prepared to reap future economic, social and environment benefits.

- Promoting sustainable freight transport systems provides an opportunity for developing countries to work towards improving efficiencies in freight transport, addressing the transport infrastructure needs and capacity requirements, while at the same time reducing the sector's negative externalities.
- Not seizing this opportunity may lead to increased future costs, including in terms of retrofitting existing infrastructure and equipment, shifting to new technologies and changing operating practices - given the long life cycles of transport infrastructure and assets that can lock in unsustainable patterns.

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- UNCTAD has, over recent years, intensified its work on sustainable freight transport to help developing countries in **mainstreaming sustainability considerations into their freight transport-related policies, plans, operations, and investment decisions.**
- UNCTAD's interventions aim to build and strengthen the capacity of key freight transport stakeholders, including government authorities, policy makers, transport infrastructure managers, freight transport and logistic service providers, and shippers, to **effectively plan, design, develop, and implement sustainable freight transport solutions.**

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## UNCTAD SFT TOOLKIT

1) UNCTAD SFT Portal      2) Training Programme      3) UNCTAD SFT Framework

<https://unctadsftportal.org/>      <https://sft-framework.org/>

The image shows three screenshots of UNCTAD SFT resources. The first screenshot is the UNCTAD Sustainable Freight Transport Portal, featuring a globe and a colorful wheel. The second screenshot is the UNCTAD Training Programme, showing a globe and a wheel with the text 'Public Private Partnership'. The third screenshot is the UNCTAD Framework for Sustainable Freight Transport, featuring a globe and a wheel with the text 'UNCTAD Framework for Sustainable Freight Transport' and 'A policy mix of regulatory and practical tools to support and regulate freight transport decision-making processes'.

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## 1) UNCTAD SFT Portal

<https://unctadsftportal.org/>

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## 1) UNCTAD SFT Portal

The United Nations Conference on Trade and Development's Sustainable Freight Transport Portal is a platform that provides general information on sustainability in freight transport. The SFT Portal also features a training toolkit in the area of sustainable freight transport that covers various modes of transport using the Three Pillars of Sustainability. The UNCTAD SFT portal also encompasses relevant reference material about institutions and organizations working on sustainable freight transport across all modes of transport, as well as relevant national and regional strategies to promote sustainable freight transport. In addition, the website features UNCTAD-related activities, including technical assistance programmes and reference materials.

UNCTAD SFT Portal is a platform that provides general information, best practices, and material related to sustainability in freight transport - across various modes (maritime, road, rail, aviation), using the three **pillars of sustainability**.

**The three pillars of sustainable freight transport**

- Economic**
  - Efficiency & productivity
  - Energy efficiency
  - Employment & income generation
  - Access, connectivity & trade competitiveness
  - Infrastructure development/competition
- Social**
  - Equity & fairness
  - Social inclusion & value
  - Community involvement
  - Health
  - Traffic
  - Labour conditions
- Environmental**
  - Marine, air & soil pollution
  - Noise, vibration & livability
  - Air emissions/CO<sub>2</sub> E<sub>2</sub>
  - Climate change impact/mitigation
  - Resource depletion
  - Land use

## 1) UNCTAD SFT Portal (continue)

This map represents selected relevant national and regional strategies aimed at promoting sustainable freight transport in the respective countries or regions. More content is coming soon!

You can search for countries by either clicking on the pins on the map or by using the search function under the map. National strategies are shown with red pins on the map, regional strategies with green pins.

**i) SFT Map** - is an interactive map which allows to easily identify selected national and regional strategies aimed at promoting SFT in various countries or regions.

## 1) UNCTAD SFT Portal (continue)



UNCTAD'S SFT Global Programmes and Activities provide relevant information about institutions and organizations working on sustainable freight transport across all modes of transport. We also provide information of organizations that offer funding in this area. Please choose a mode of transport in the picture below (maritime transport, ports, road transport, aviation, rail transport) by clicking on the yellow buttons. You may access a list of organizations and institutions working on more than one mode of transport or on financing options (multi-modal transport financing) by clicking on the blue buttons. You may also access the complete list of organizations and institutions by clicking on the link below the picture.

Click here to see the listed organizations

ii) **SFT Global Activities** allows users to easily search and access information about institutions and organizations working on SFT across all modes of transport.

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## 1) UNCTAD SFT Portal (continue)



UNCTAD Sustainable Freight Transport and Finance Training Toolkit

The following training toolkit features modules that outline the principles of sustainable transport and the type of investments needed to develop sustainable transport infrastructure. It also provides a compilation of case studies and guidance on possible financing mechanisms such as Public Private Partnerships.

To access the toolkit, click on the modules below.

Sustainable Freight Transport: Improving the Environmental Performance

Public Private Partnerships

Transitioning to Low Carbon Shipping Module - Sustainable Sea Transport Solutions for SIDS Pacific Island Countries Case Studies

iii) **SFT Online Training Modules/Case studies/Best practices** aims to build and strengthen the capacity, skills, and knowledge of freight transport stakeholders (public and private) interested in advancing the sustainable freight transport agenda.

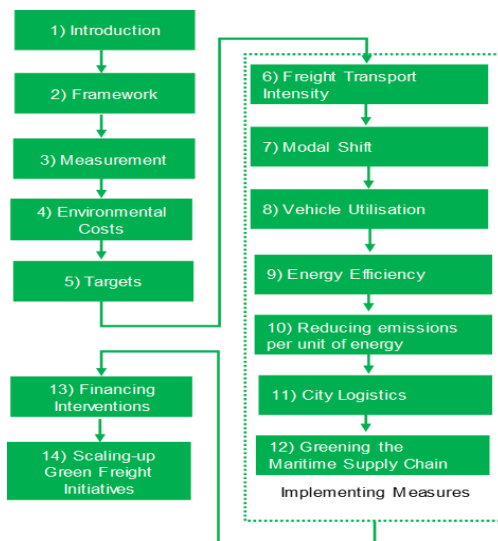
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## 2) UNCTAD SFT Training Programme

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## 2) UNCTAD SFT Training Programme

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**Dedicated comprehensive training programme** that covers: all modes of transport, multimodal and corridors, as well as city logistics and urban freight transport, and finance.

The training can be tailored to suit the expectations and needs of various stakeholders from developing countries, different regions.

The UNCTAD sustainable freight training course consists currently of 14 modules comprising numerous PowerPoint presentations.

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### 3) UNCTAD SFT Framework

<https://sft-framework.org/>

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### 2) UNCTAD SFT Framework

UNCTAD Framework for Sustainable Freight Transport

A step-by-step methodology and practical tools to support sound sustainable freight transport decision-making processes.

Self-Assessment Key Performance Indicators Sustainable Freight Transport Measures

**UNCTAD SFT Framework** is a web-based step-by-step methodology that help in planning, designing, developing, and implementing adequate strategies that promote sustainable freight transport systems.

The Framework is applicable within and across modes of transport and to different stakeholders (public and private) and in various geographical areas (national, regional, corridor, rural/urban, etc.) <sup>14</sup>



### 3) UNCTAD SFT Framework (continue)

FRAMEWORK STEPS TOOLS REGISTER LOGIN

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**SFT Framework at a Glance**

The UNCTAD SFT Framework is articulated around **six Steps** (Diagnosis, Visioning, Targets, Implementation, Partnership and Programme, Monitoring and Evaluation), one set of crosscutting **Enabling Factors**, and twenty-seven detailed substeps. The Framework provides a modular step-by-step methodology to planning, designing, developing, and implementing sustainable freight transport strategies.

Applicable within and across modes of transport and to different stakeholders and in various geographical areas, the methodology is flexible and can be modulated to allow for some steps to be carried out in parallel. Substeps and related activities can also be adapted to reflect stakeholders' varying needs, resources and priorities.

The SFT Framework allows for a circular process in which a monitoring and evaluation exercise is undertaken at the end of the cycle and following implementation of the sustainable freight transport strategy. The figures below provide a graphical illustration.

UNCTAD Framework for Sustainable Freight Transport

- The UNCTAD SFT Framework is articulated around six Steps (**Diagnosis, Visioning, Targets, Implementation, Partnership & Programme, Monitoring & Evaluation**) and one set of crosscutting **Enabling Factors**.

- The target audience of the Framework spans all relevant players (public and private) from within and outside the freight transport sector.

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### 3) UNCTAD SFT Framework (continue)

Tools

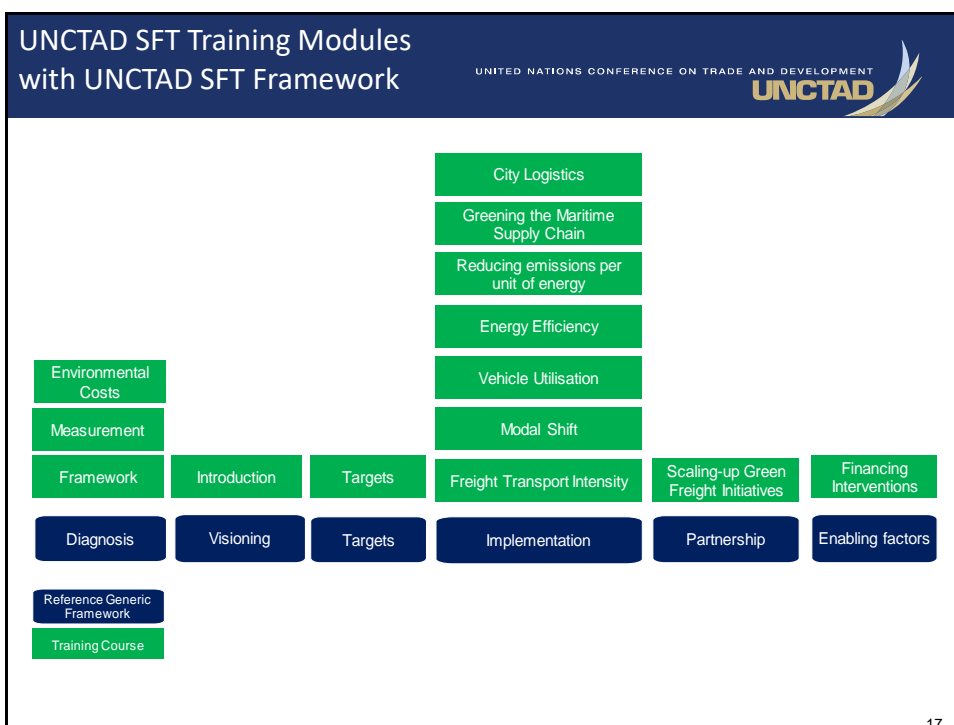
Self-Assessment      Key Performance Indicators      Sustainable Freight Transport Measures

i. **A Self-Assessment Questionnaire:** allows for a qualitative evaluation of the current status and performance of freight transport along the three dimensions of sustainable transport (economic, environmental and social).

ii. **A filterable Key Performance Indicators (KPIs) List:** features more than 250 indicators related to sustainable freight transport. These can be used to measure performance and progress against the objectives set in the sustainable freight transport strategy.

iii. **A Sustainable Freight Transport Measures Catalogue:** includes more than 300 measures that can support the design and implementation of a sustainable freight transport strategy.

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**Thank you**

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