Multi-year Expert Meeting on Transport, Trade Logistics and Trade Facilitation
Sustainable Freight Transport Systems: Opportunities for Developing Countries
14-16 October 2015

THE CHALLENGES OF THE FREIGHT SECTOR AND A FRAMEWORK TO ADDRESS THESE

by

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14 October 2015

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Sustainable Freight Transport Systems: Opportunities For Developing Countries

Sophie Punte
Geneva
14 October 2015
The challenges of the freight sector and a framework to address these
The global freight and logistics sector is complex, fragmented and inefficient.

Transport Modes:
Air, Sea, Road, Rail, Inland waterways

Transshipment Centers:
Ports, Terminals, Airports, Cross docks, Distribution centers, Warehouses

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Growing awareness and activities...
... but there is lack of

Global standards to calculate emissions

Confidence in technologies performance

Leadership

Global coordination between key initiatives and players

Access to financing

Supportive policies

... and thus we do not see at scale adoption of smart freight solutions
Smart Freight Leadership Framework

**Leadership** to set direction for transformational change

- Government
- Private sector
- Civil society

**Policies, Partnerships and Programs**
to enable action and innovation at scale

- **Set targets**
- **Measure, Report and Verify**
- **Implement Actions**
- **Collaborate & Exchange**

**Business Value**
- Policy influence
- Competitiveness
- Labels & Recognition

**Societal Value**
- Climate, air pollution, environment
- Socio-economic benefits

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Key considerations for green freight in developing countries
1. Start with the country’s needs
2. Build on what exists in a country -- China example

**International**
- Industry-led network & program for shippers, 3PLs and carriers

**National**
- Government-led program for road freight carriers

**Components:**
- Green driving
- Green management
- Green technologies

**Local**
- Government-led demonstration project for road freight carriers

**Guangdong Province**

**Other:**
- Beijing: Green Freight Strategy
- Shanghai: free economic zone trucks
- Wuhan: low carbon logistics centers
- 20 cities: Low Carbon Transport Pilots
2. Build on what exists in a country: -- Brazil example

Brazil National Transport Federation

149 CENTERS FOR DRIVERS

TRAINING

MEDICAL FACILITIES
3. Use what’s already out there!

- Policies/standards:

- Logistics platforms:

- Freight data tools:

- Training courses:

- Freight plans:
3. Use what’s already out there!

**NATIONAL GREEN FREIGHT PROGRAMS**

- Americas
  - SmartWay
  - Transpore Limpio
- Asia Pacific
  - Green Freight India
- Europe
  - Green Logistics Partnership
  - VERSUS JAPAN
  - LCRS

**MARITIME FREIGHT**

- Cargo
  - Clean Cargo
  - Sustainable Transportation

**AIR FREIGHT**

- IATA
  - Air Cargo Carbon Footprint

**LAND FREIGHT**

- SmartWay
  - Green Freight Asia
  - Green Freight Europe

**TRANSHIPMENT CENTRES**

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3. Use what’s already out there!

THE WORLD OF SMART FREIGHT
3. Use what’s already out there!

SUSTAINABLE DEVELOPMENT GOALS
How can a global NGO like Smart Freight Centre help
Smart Freight Centre’s role:
Leading the way to Smarter Freight
as a dedicated global NGO for a more efficient and environmentally sustainable freight and logistics sector

SMART FREIGHT LEADERSHIP
Drive industry leadership and take effective industry programs to a global level

GLOBAL LOGISTICS EMISSIONS COUNCIL (GLEC)
Create a universal way of calculating logistics emissions across the global supply chain

GREEN TRUCKS CHINA
Catalyze the sector-wide adoption of proven technologies and other measures
Global Green Freight Action Plan

globalgreenfreight.org

Global Green Freight Action Statement issued at the 2014 UN Climate Summit called on governments, private sector, civil society, and other actors to work in concert to

a) Align and enhance existing green freight efforts

b) Develop and support new green freight programs

c) Incorporate black carbon reductions into green freight programs

TONIGHT: RECEPTION!

Steering Group

icct
SMART FREIGHT CENTRE
CLEAN AIR ASIA
WORLD BANK GROUP
Environment Canada

50 Endorsers
• Countries
• Private sector
• NGOs / IGOs / Institutes
• Programs
Global Logistics Emissions Council
Create a universal and transparent way of calculating logistics emissions across the global supply chain

Existing Methodologies

GHG Protocol principles

Tools and programs
Business logistics decisions & reporting
National policies, standards and targets

GLEC Consultation: 28 Oct Brussel
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