PLANNED ACTIVITIES 2020-2022

November 2020
Introduction

This document presents the planned actions until 2022 under the Global Green Freight Action Plan.

Going forward, we will continue our work across all modes to align green freight programs, such as emission calculation and reporting, target setting, and freight assessments.

However, our efforts in capacity building and uptake of technologies give priority to road freight. Road freight contributes to about two-thirds of global freight CO₂ emissions, and is a major source of local air pollution and Black Carbon. Road freight also is the main focus of national green freight programs.

We believe that green freight programs are uniquely placed to scale training of drivers and fleet managers and the uptake of low emission transition fuels and electric road freight vehicles.
THE Global Green Freight Action Plan

REDUCING THE CLIMATE AND HEALTH IMPACTS OF GOODS TRANSPORT

Vision 2030

Green freight programs span all countries and modes and demonstrate substantial emission reductions from freight transport

Goals

▪ Align and enhance existing green freight efforts
▪ Develop and support new green freight programs globally
▪ Incorporate black carbon and other pollutants reductions alongside greenhouse gas emissions into green freight programs

Supported by

>50 organizations and countries at the UN Secretary General’s Climate Summit on 23 September 2014 in New York.
Three goals and action types

1. Align and Enhance Existing Green Freight Efforts
   - Information exchange and collaboration between existing initiatives and relevant stakeholders
   - Development and harmonization of tools, methodologies and procedures for use across green freight programs

2. Develop and Support New Green Freight Programs Globally
   - Guidance and capacity building for green freight program implementation
   - Adoption of technologies and strategies

3. Incorporate Black Carbon Reductions into Green Freight Programs
   - Improved information on and increased awareness of black carbon and freight
   - Integration of black carbon mitigation technologies and strategies into green freight programs
Achievements 2014-2019

1. Align and Enhance Existing Green Freight Efforts
   - Global website: globalgreenfreight.org
   - Regional workshops in Asia, Europe, and Latin America to align and expand programs

2. Develop and Support New Green Freight Programs Globally
   - Harmonized methodologies for logistics emissions accounting – ‘GLEC Framework’ for GHG and Black Carbon
   - Technology Verification Tool for Green Freight Programs – White Paper that shows simulation tools can predict reasonably accurate fuel reductions
   - Green supply chain – Assessment of a multinational Fortune 50 retailer
   - Green freight programs development
     - Expansion of SmartWay across US, Canada, and Mexico
     - Support program development: Brazil, Vietnam, Philippines
     - National freight assessments: Argentina, Brazil, China, Mexico, Philippines, Vietnam
     - Green Freight Strategy for Africa Northern Corridor (Kenya, Uganda, Rwanda, Burundi, South Sudan, and DR Congo)
   - Training courses for drivers and fleet managers
     - China, South Africa, Ireland, Brazil, Thailand, Vietnam
Achievements: Green Freight Programs in 26 countries

Lean and Green
- Austria
- Belgium
- Czech Republic
- Germany
- Hungary
- Ireland
- Italy
- Luxembourg
- Netherlands
- Poland
- Portugal
- Spain
- Switzerland

Clean Cargo
- Marine container shipping

Sustainable Air Freight Alliance
- Air

ECO Stars & LERS
- United Kingdom

EVE
- France

Green Logistics Partnership
- Japan

China Green Freight Initiative
- China

Green Freight Asia
- China
- India
- Japan
- Singapore
- Vietnam

SmartWay
- Canada
- United States
- Mexico

Transporte Limpio
- Mexico

Giro Limpio
- Chile

Despoluir & PLVB
- Brasil

Transporte Inteligente & Rango Verde
- Argentina

globalgreenfreight.org
Achievements: more companies active in green freight

Companies reporting on logistics emissions in sustainability reports

31% in 2015 >> 60% in 2017

![Bar chart showing Multinationals reporting Logistics Emissions in Sustainability Reports 2017](image)
### Action type: Information exchange and collaboration

<table>
<thead>
<tr>
<th>Action</th>
<th>Timeline</th>
<th>Contact *</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Hold webinars to share best practices and lessons:</strong> e.g. technology verification, low emissions vehicles, data/telematics, target setting, procurement</td>
<td>Ongoing</td>
<td>Depends on topic</td>
</tr>
<tr>
<td><strong>Organize regional workshops</strong> in Asia, Europe and Latin America to align and expand programs</td>
<td>Ongoing</td>
<td>Asia: CAA, Europe: SFC, Latin America: ICCT, USEPA, NRCan</td>
</tr>
<tr>
<td><strong>Link green freight programs to global initiatives:</strong> e.g. ACT initiative, MP-GCA/Climate Ambition Alliance, WeMeanBusiness, WEF Mission Possible</td>
<td>Ongoing</td>
<td>SFC</td>
</tr>
<tr>
<td><strong>Educate/inform governments</strong> (especially CCAC member countries)</td>
<td>Ongoing</td>
<td>CCAC Secretariat</td>
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*Steering Group contacts are UN Climate and Clean Air Coalition (CCAC), UN Environment, US Environmental Protection Agency (USEPA), Natural Resources Canada (NRCan), Clean Air Asia (CAA), International Council on Clean Transportation (ICCT), Smart Freight Centre (SFC), World Bank*
# Action type: Harmonized tools and methodologies

<table>
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<tr>
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<tbody>
<tr>
<td>Complete ISO standard 14083 for passenger and freight transportation, building on GLEC Framework</td>
<td>Consultation draft 2020 Draft standard 2021/2022 Final standard 2022/2023</td>
<td>SFC USEPA</td>
</tr>
<tr>
<td>Set up mechanism for regular/ongoing updates through GLEC Framework of emission factors and other information companies need to calculate emissions</td>
<td>Consultation draft 2021 Final 2022</td>
<td>SFC</td>
</tr>
<tr>
<td>Advance technology verification tool for road freight vehicles in green freight programs</td>
<td>Ongoing based on recommendations from White paper 2019</td>
<td>ICCT</td>
</tr>
<tr>
<td>Expand/update Science-Based target setting guidelines for transport with SBTI</td>
<td>Sea: 2020 Other modes: 2021-2020</td>
<td>SFC</td>
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# Action type: Guidance and capacity building

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<tr>
<td>Create single North America SmartWay including Mexico</td>
<td>Ongoing</td>
<td>USEPA, NRCan</td>
</tr>
<tr>
<td>Establish and improve Green Freight Programs</td>
<td>Ongoing</td>
<td>Latin America: ICCT, USEPA, NRCan Asia: CAA</td>
</tr>
<tr>
<td>Integrate industry guidelines into Green Freight Programs, e.g. GLEC Framework, Target setting, Procurement</td>
<td>Ongoing</td>
<td>SFC</td>
</tr>
<tr>
<td>Support eco-driving training programs, e.g. translation, online platform, license requirement</td>
<td>Ongoing</td>
<td>Latin America: ICCT, USEPA, NRCan Asia: CAA</td>
</tr>
<tr>
<td>Support fleet manager training course delivery online / classroom</td>
<td>Ongoing</td>
<td>SFC, World Bank</td>
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### Action type:
Adoption of technologies and strategies

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<tr>
<td>Expand national freight assessments to more countries</td>
<td>Ongoing</td>
<td>USEPA, ICCT</td>
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</tbody>
</table>
| Support uptake of electric 2- and 3-wheelers for freight delivery      | Ongoing | Asia: CAA  
               Asia, Africa and Latin America: UNEP |
| Establish electric trucks pilot projects to support transition of road freight to zero emission technologies | Ongoing | China and Latin America: ICCT  
               Africa and Latin America: UNEP |
| Information and policy advice on electric freight vehicles             | Ongoing | USEPA, UNEP, ICCT |
| Improve information and facilitate collaboration on low emissions fuels and vehicles between companies in Europe and China | Ongoing | SFC |

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<td>Support adoption of soot-free heavy-duty vehicles in subregions (see previous)</td>
<td>Ongoing</td>
<td>ICCT, UNEP</td>
</tr>
<tr>
<td>Support government commitments to reduce Black Carbon and local and national levels in Latin America</td>
<td>Ongoing</td>
<td>ICCT, UNEP, CCAC</td>
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For more information

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