



CLIMATE AND CLEAN AIR COALITION
TO REDUCE SHORT-LIVED CLIMATE POLLUTANTS

Green Freight Goes Global: *Developing a Global Green Freight Action Plan*

November 12, 2014



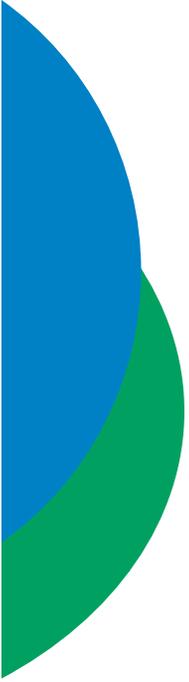
Environment
Canada





Webinar Program for Today

- Global Green Freight Movement
- Brief introduction of CCAC and Diesel Initiative
- Global Green Freight Action Statement
- Overview Global Green Freight Action Plan, Guide, and Projects
- Global Logistics Emissions Council
- Developing the Global Green Freight Action Plan, Guide, and Projects
- Path Forward
- Q&As and Discussion



Guest Speakers

- **Sonja Henneman**
Senior Policy Advisor on Climate
Environment Canada
- **Sophie Punte**
Executive Director
Smart Freight Centre
- **Buddy Polovick (host)**
US EPA SmartWay

Green Freight Goes Global





Climate & Clean Air Coalition

- Voluntary, partner-led “Coalition of the Working” - governments, IGOs, NGOs and private sector
- First global effort to treat SLCPs as a collective challenge – based on science & initiatives - catalytic
- Complementary to global efforts to reduce CO₂ - and to improve health and crop yields



Political leadership

Action oriented

Partners on the ground

Scale up good practice

Policy based on science



Reducing Black Carbon Emissions from Heavy Duty Diesel Vehicles & Engines



CCAC Multi-prong strategy on Diesel Emissions

- A global fuel sulfur strategy that addresses the major hurdles facing low sulfur fuels today, from financing to obstructive subsidies and political inertia.
- National programs to address emissions from the existing vehicle stock, including retrofits, scrappage, inspection and maintenance.
- A high-level coalition of industry, country and NGO leaders in support of the **Green Freight Call to Action** to improve the energy efficiency and environmental performance of freight operations worldwide.

Global Green Freight Action Statement



**NEW YORK
23 SEPTEMBER**

**CLIMATE
SUMMIT 2014**
CATALYZING ACTION

**Adopted by High Level Assembly at UN Climate Summit
9/23/14**

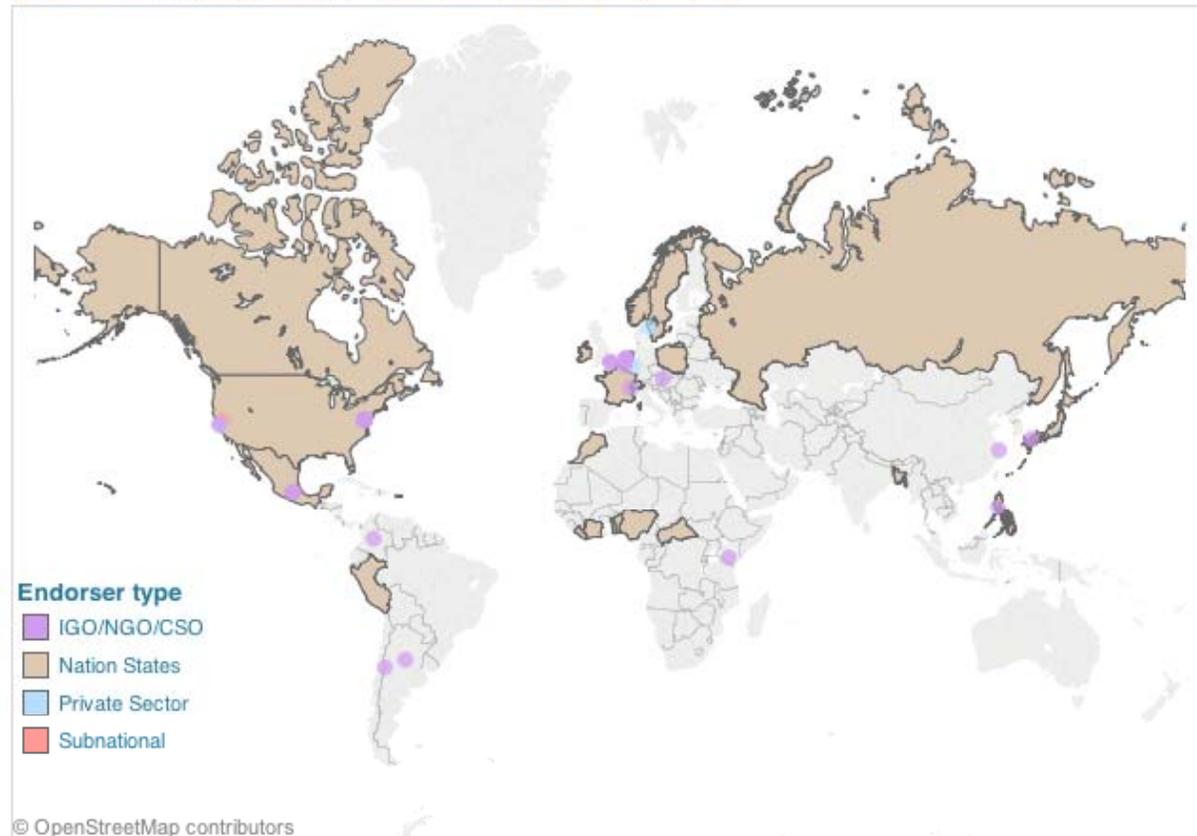
“On the occasion of the UN Secretary-General’s Climate Summit, we, the supporters of this Joint Statement, announce our commitment to participate in the development and implementation of a Global Green Freight Action Plan...”

Global Green Freight Endorsers

Over 50 Organizations have endorsed the Action Plan

- NGOs, IGOs, Nation States, Subnational Government Entities, and Private Sector

CCAC Global Green Freight Action Plan Endorsers





Global Green Freight Action Plan

■ **Three Goals of the Action Plan**

1. Align and Enhance Existing Green Freight Efforts
2. Incorporate Black Carbon and Air Pollutants in Green Freight Programs
3. Improve or Establish New Green Freight Programs in Countries Worldwide

■ **Major Tasks**

- Development of a Global Action Plan
 - Define actions necessary to achieve the stated goals, and identify stakeholders to perform the actions
- Development of a global green freight website
 - Portal to information and resources to assist in developing a green freight program
- Targeted work in Mexico, Vietnam, Bangladesh
 - Assist with advancement of national green freight programs

Global Logistics Emissions Council



- Established February 2014
- Provides global common platform for industry across all modes to deliver **one global Framework for Freight Emissions Methodologies** and align industry initiatives
- Led by the Smart Freight Centre
www.smartfreightcentre.org
- EU funded COFRET project provided opportunity to build on
- GLEC Action Groups were formed for each mode and transshipment centers to develop methodologies
- Open for new members and stakeholder participants:
www.theglec.org
- North America Consultation: 14 Jan 2015, Washington DC



Who is committed to GLEC?



Note: verbally confirmed companies and associations members pending approval are not listed here



INDUSTRY PROGRAMS:



ASSOCIATIONS:



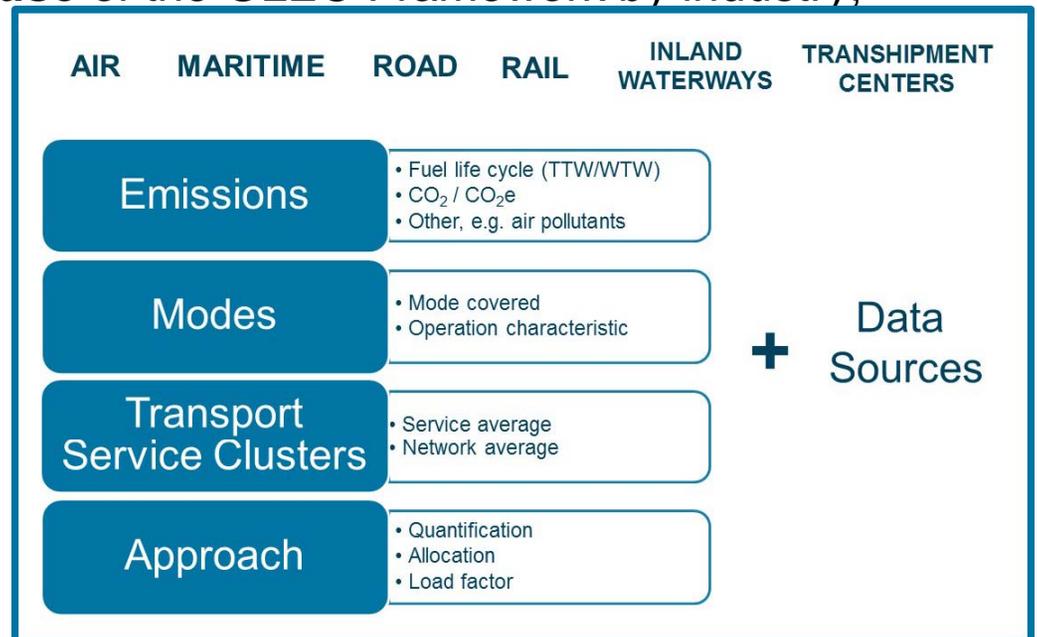
EXPERTS: Colin Smith (EST & GFE), Jens Froese (Green Efforts), Kerstin Dobers (Frauenhofer IML), Marc Cottignies - (ADEME, CEN)

INSTITUTES/OTHER:



What will GLEC deliver

- **Create a GLEC Framework for Freight Emissions Methodologies** for calculating and reporting of emissions across modes, transshipment centers and global regions, and a roadmap to address gaps.
- **Apply the GLEC Framework to real freight transport chains** to validate with industry that the framework delivers data in support of their freight decisions and reporting
- **Drive the acceptance and use** of the GLEC Framework by industry, government and other stakeholders by integrating framework into existing tools, industry and national programs, ISO standards, GHG Protocol and CCAC Global Green Freight Action Plan





Action Plan Goal 1: Align & Enhance Existing Green Freight Efforts

- **Objective:** To align and enhance existing green freight efforts through knowledge sharing, peer-to-peer partnerships, and government-industry exchanges that will build bridges between policy makers, business leaders and civil society at global level.
- **Activities** to be included in the Action Plan are:
 - Convene forums for information exchange, sharing of best practices and collaboration.
 - Develop tools and methodologies that can be used across national green freight programs with minimal adaption
 - Establish best practices for establishment of green freight programs worldwide
 - Develop globally applicable procedures for the verification of technologies and strategies to be used to improve freight efficiency
 - *Others to be determined by endorsers and steering group*



Action Plan Goal 2: Incorporate Black Carbon & Air Pollutants in Green Freight Programs

- **Objective:** Identify ways to incorporate black carbon, particulate matter and other air pollutant emission reduction calculations in green freight programs.
- **Activities** to be included in Action Plan are:
 - Work with the private sector and governments to develop the business case and/or incentives for black carbon reduction
 - Develop calculation methodologies for black carbon, particulate matter and other air pollutants for each mode of freight
 - Incorporate BC/air pollutant calculation methodology into reporting tools and methodologies, integrate into green freight programs
 - Develop financing strategies to incorporate black carbon reductions into freight efficiency improvement measures
 - Develop approaches for assessing black carbon reductions from technologies , integrate into technology verification protocols
 - *Others to be determined by endorsers and steering group*



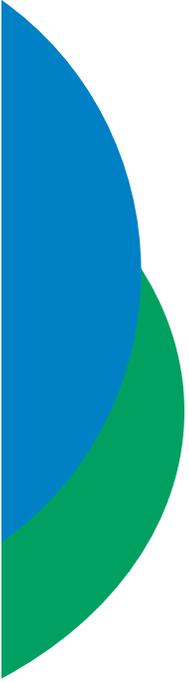
Action Plan Goal 3: Improve or Establish New Green Freight Programs

- **Objective:** To expand or improve green freight programs in interested countries that are developing new green freight programs.
- **Activities** to be included in the Action Plan are:
 - Develop a Global Green Freight Online Guide that provides a central clearing house for information and guidance
 - Support pilots in select countries to establish or improve programs
 - Establish technology pilot projects
 - Provide capacity building & training to share best practices and lessons learned for countries seeking to establish or improve national green freight programs
 - Conduct freight assessments in countries to determine the potential benefits of establishing a green freight program
 - Develop financing strategies to assist countries in establishing or supporting a national green freight program
 - *Others to be determined by endorsers and steering group*



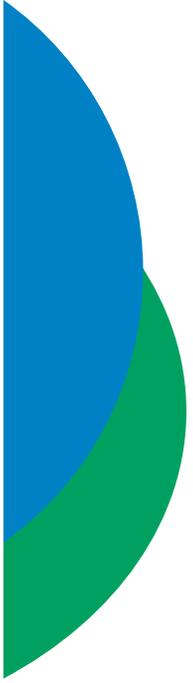
Online Global Green Freight Guide

- **A Comprehensive Guide and Resource Portal for:**
 - Government and policy makers
 - Private sector, shippers, carriers
 - Technology vendors and equipment suppliers
 - Civil society, NGOs, academics
 - Financing institutions
- **Clearing House, Guidance and Best Practices for:**
 - Developing and implementing Green Freight programs
 - Mode specific solutions and resources
 - Technology and operational solutions
 - Other key resources, content, research, data and info
- Guide will be dynamic and interactive resource that will grow with needs of user community



Path Forward

- November 2014 – Stakeholder Consultations and Feedback on the Action Plan and Website Guide
- December 2014 – Drafting the Action Plan
- January/February 2015 – Final Draft of the Action Plan
- March/April 2015 – Launch of the Website Guide
- 2015-2018 – Implementation of the Action Plan, Tracking the Actions, Adding New Actions and Endorsers



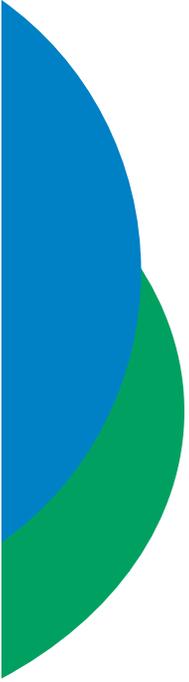
Discussion and Q&As



Discussion Questions

Action Plan

- Do you agree with the proposed Actions?
- What other Actions would you recommend to be included for the Action Plan to be useful and effective?
- What Actions would you like to contribute to in formulating in more detail?
- Actions included in the Action Plan will build on existing efforts, where possible. --What relevant Actions are your organization already engaged in that you would like to incorporate in the Action Plan?



Discussion Questions

Website Guide

- Does the overall structure work from the user's perspective, especially governments who want to develop or improve national green freight programs?
- Are there key elements that private sector feels are critical for policy makers to ensure success of global multimodal green freight programs?
- What content is missing?
- What content could you contribute to strengthen or enhance the guide
- Would you use this portal, as described?



Discussion Questions

Other

- What is/are your preferred way(s) to staying engaged in the further process of developing the Action Plan and portal?
- What process is most effective and how do you prefer to engage?
- Do you have suggestion(s) on how we could best communicate with your organization as well as other stakeholders?
- Do you have any additional input about the overall project timeline and scope?

For more information:

CCAC
CLIMATE AND CLEAN AIR COALITION
TO REDUCE SHORT-LIVED CLIMATE POLLUTANTS

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UNEP

Home About Initiatives Partners Short-Lived Climate Pollutants Science Publications Events Media **Join Us**

Launch of a New CCAC Paddy Rice Effort

Leading agricultural research institutes join partners in Bangladesh, Colombia and Vietnam in groundbreaking effort to significantly reduce greenhouse gas emissions from rice cultivation while making production more efficient and resilient to weather-related shocks.

Oil and Gas Companies Join Partnership to Capture Methane

Methane Partnership, launched at UN Secretary-General Ban Ki-moon's Climate Summit include some of the world's top oil and gas companies.

CCAC at the Climate Summit

The UN Climate Summit took place in New York. The aim was to raise ambition on climate change by announcing national goals, and building international partnerships to cut emissions and adapt to climate change.

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