

Welcome and Introduction to the Global Green Freight Action Plan

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Green Freight and Urban Logistics:

System-wide Solutions for Greening Logistics

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**CLIMATE &
CLEAN AIR
COALITION**
TO REDUCE SHORT-LIVED
CLIMATE POLLUTANTS



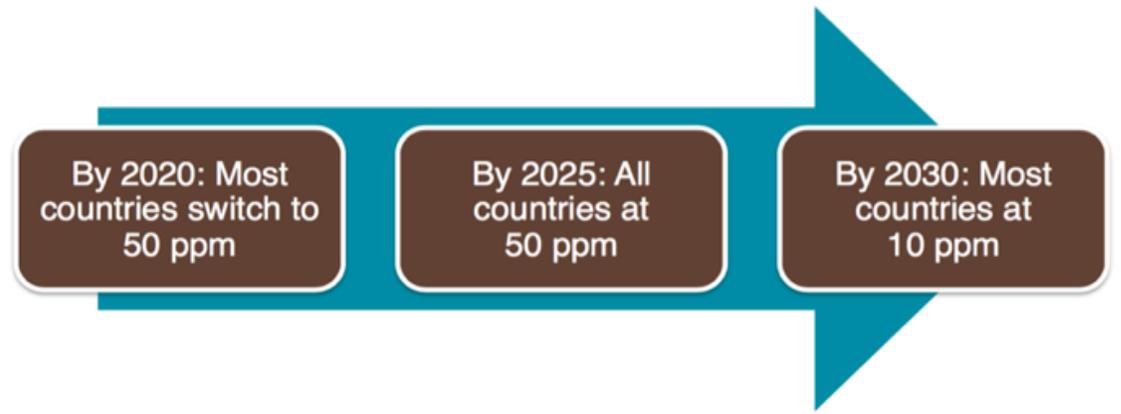
**Better Air Quality,
Livable Cities.**



globalgreenfreight.org

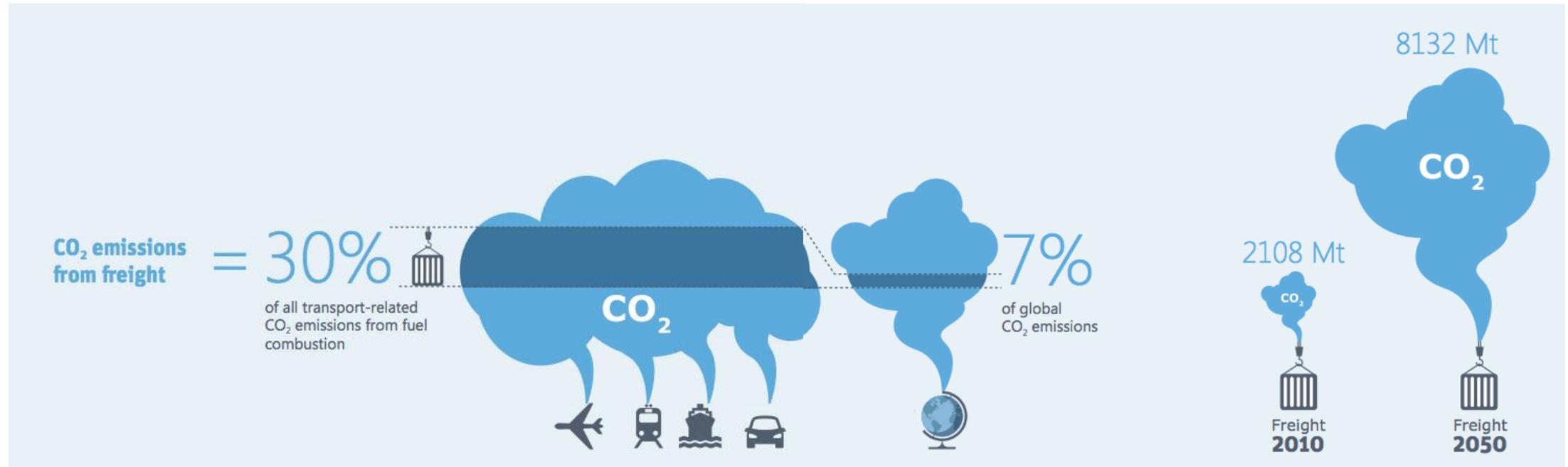


Global Strategy for Cleaner Fuels and Vehicles



- **First** global plan to move all countries to low and ultra-low sulfur in fuels and advanced diesel emissions standards by 2030.
- Net present value of health gains to 2050 = \$18 trillion. Total costs of desulfurization and *emission controls* are estimated at around \$1.1 trillion over the same period;
- Estimated benefits to 2050 outweigh costs by a factor of around 16
- CCAC Marrakech Communique Nov. 2016: 38 CCAC Member States explicitly resolved to develop national implementation plans outlining timelines for the nationwide introduction of standards, if such standards are not already in place

Freight fuel consumption and GHG emissions are forecasted to grow four-fold through 2050



Source: ITF 2016

Heavy-duty vehicles contribute disproportionately to emissions, thus being an effective target for emissions control

	Percent of vehicles that are heavy-duty vehicles	Percent of vehicle carbon dioxide emissions that are from heavy-duty vehicles	Percent of vehicle particulate emissions that are from heavy-duty vehicles
China	10%	65%	83%
United States	5%	30%	36%
European Union	11%	37%	47%
Japan	19%*	43%	59%
Brazil	4%	61%	85%
India	5%	71%	74%
Russia	14%	54%	81%
Canada	15%	42%	52%
Global	11%	46%	71%

*Includes mini commercial vehicles

ICCT (2015): Policies to reduce fuel consumption, air pollution, and carbon emissions from vehicles in G20 nations

World-class freight systems must rely on clean & efficient logistics, modes and equipment

WORLD-CLASS FREIGHT SYSTEMS



**CLEAN & EFFICIENT
LOGISTICS**



**CLEAN & EFFICIENT
MODES**

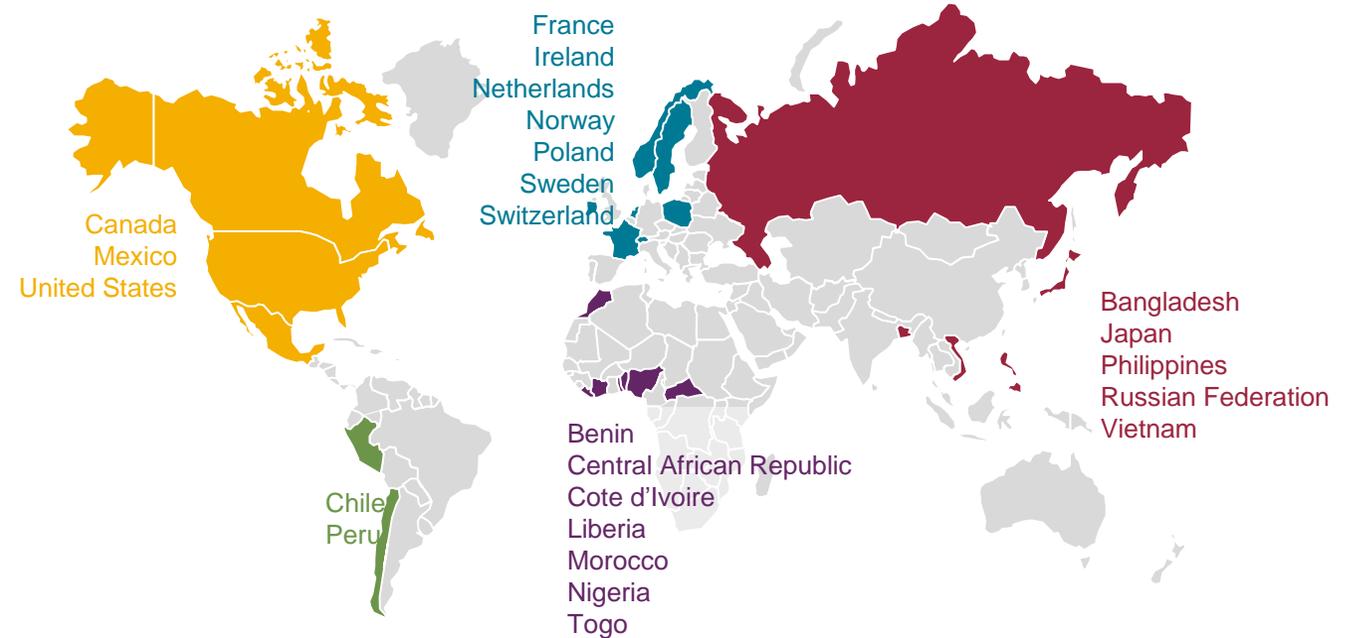


**CLEAN & EFFICIENT
EQUIPMENT**

The **Global Green Freight Action Plan** aims to develop, expand, and align green freight programs worldwide while incorporating black carbon alongside GHG emissions

Supported by >50 organizations and countries

Goal 2030: Green freight programs span all countries and modes and demonstrate substantial emission reductions from freight transport



SPONSORS



COLLABORATORS



This network of partners has been investing in a combination of capacity building, outreach, technical documentation and support to program development

Capacity building and outreach

- Global website: www.globalgreenfreight.org
- Regional workshops in Asia, Europe and Latin America to align and expand programs
- Training courses for drivers and fleet managers

Methodologies to support harmonization

- Methodologies for logistics emissions accounting – GHG and black carbon (GLEC Framework)

Green freight program development

- Expansion of SmartWay across US, Canada and Mexico
- Support program development: Argentina, Brazil, Chile, Philippines, Vietnam
- National freight assessments: Argentina, Brazil, China, Chile, Costa Rica, Mexico, Philippines, Vietnam
- Green Freight Strategy for Africa Northern Corridor (Kenya, Uganda, Rwanda, Burundi, South Sudan and DR Congo)



Green Freight Programs also help companies...

- Reduce fuel consumption and costs
- Improve relations with industry partners (carriers, shippers)
- Create incentives for your drivers
- Access to technical and financial support information
- Create branding recognition
- Attract socially responsible investors
- Measure and improve environmental footprint

What can governments do?

- Champion and support the Global Green Freight Action Plan and its three priority goals of
 - 1) Aligning and harmonizing existing green freight programs,
 - 2) Developing new green freight programs, and
 - 3) Incorporating black carbon and air pollutants into green freight programs.
- Set emissions targets and implement freight efficiency actions throughout our country;
- Enable programs and tools that help firms to benchmark, report, disclose and reduce freight emissions;
- Collaborate with the private sector and through other green freight programs to exchange best practices, lessons learned and achievements toward green freight

Sign up now!

The Action Plan is still open for support and commitments, and we encourage you to enlist the support of your country, city, company or organization.

Commitments are recorded in the UNFCCC Global Climate Action platforms.