Every day goods are delivered to millions of customers around the world, and demand continues to grow. Freight transportation generates 8% of global CO2 emission and as much as 11% of logistics sites are also considered. Between now and 2050 the world will see a doubling in the freight emissions, according to the International Transport Forum.

In 2013, Smart Freight Centre (SFC) was founded as a global non-profit organization for climate action in the freight sector. Back then it was believed that the sector was too fragmented for a unified approach to reporting emissions. Today, our global team and freight leaders prove that through united action this fragmentation can be overcome. We developed the Global Logistics Emissions Council (GLEC) Framework to offer multinationals and their contractors a single harmonized methodology to make freight emissions transparent. This methodology allows our members and partners to accelerate their action to reduce greenhouse gas emissions and to collectively meet the Paris Climate agreement and the Sustainable Development Goals. Smart Freight Centre is at the intersection where all key activities and initiatives driving our mission converge.

In the past 10 years, SFC has grown, bringing together shippers, multinationals, NGOs, and governments in our collaborative initiatives, trainings and programs. Together, we solve the business challenges behind reducing logistics GHG emissions and set the industry standards. Our goal is to guide the industry to track and reduce its GHG emissions by 1 billion tonnes by 2030 and reach zero emissions by 2050 or earlier.

**We achieve our goals by**

- Enabling performance measurement of logistics GHG emissions to drive transparency and accountability of organizations
- Facilitating solution pathways and catalyzing collaboration between logistics stakeholders to share knowledge and create impact together
- Training organizations to scale-up their competencies in the logistics sector and accelerate the uptake of decarbonization solutions

This allows our members and partners to accelerate their action to reduce greenhouse gas emissions and to collectively meet the Paris Climate agreement and the Sustainable Development Goals.
How do we do that?
Smart Freight Centre is at the intersection where all key activities and initiatives driving our mission converge. We provide the knowledge, leadership and latest methodologies to guide over 150 multinational organizations collaborating for a sustainable freight sector. Our team of 25+ employees takes action in these key initiatives globally, with colleagues operating from China, the US and the Netherlands. Through joint action with our partners, we saved 8-9 million tonnes of CO2 between 2016-2020, and continue to reduce emissions across industries, borders and transport modes.

GLEC
The Global Logistics Emissions Council (GLEC) is our community of companies and NGOs dedicated to drive widespread, transparent, and consistent calculation and reporting of logistics GHG emissions. We identify common problems, remove barriers and above all, share a conviction that emission reduction in freight is urgent. We developed the GLEC Framework to offer multinationals and their suppliers a harmonized, efficient and transparent way to calculate report logistics emissions.

Clean Cargo
Clean Cargo offers a collaborative partnership focused on tracking and reducing greenhouse gas emissions from ocean container shipping. It serves as unique buyer-supplier forum for best practice sharing around ocean container transport decarbonization. We provide cargo owners and forwarders high-quality container-shipping greenhouse gas emissions performance information to support their procurement decisions when selecting ocean container carriers.

Sustainable Freight Buyers Alliance
Sustainable Freight Buyers Alliance (SFBA) facilitates companies’ journeys to take climate action and reduce their logistics GHG emissions. We cultivate tangible collaboration projects among shippers and solution providers, map relevant initiatives and set up processes to accelerate their action, in order to identify synergies between them. Ultimately, we connect those looking to decarbonize their freight transport with those offering efficient solutions for greener freight.

ZEFI
Zero Emission Freight Initiative (ZEFI) is our platform which aligns China’s freight industry, government agencies and supporting organizations’ efforts in achieving an efficient and zero emission freight sector in China. Through mobilizing shippers and logistics service providers, taking a leadership role and collaborating with logistics partners such as policy makers, OEMs, energy providers and think tanks, we enable the decarbonization of the industry. Together, we identify technical solutions, support policy development, establish measures and mechanisms for implementation, and finally promote the electrification of heavy-duty commercial vehicles, especially trucks.

Trainings & Service
With its trainings, SFC shows its dedication not only to enabling others to advocate for decarbonization in freight, but also to providing them with the tools needed to make that change in their organization. Hence, we have developed a series of trainings, targeting different levels of expertise in companies in order to offer decarbonization development and implementation skills throughout the entire supply chain.

In all initiatives, SFC advocates with governments and organizations for supportive policy, programs, and strategies. To motivate more partners to join our cause, we raise awareness through events, workshops, and webinars, supporting companies that demonstrate leadership for a more emission efficient freight sector.

Our biggest milestones include ...

- **2013** Foundation of SFC
- **2014** Launch of GLEC
- **2016** Introduction of the GLEC Framework
- **2019** Set up Smart Freight Shippers Alliance China
- **2020** Introduction of Low Emissions Fuel Program
- **2021** Initiation of Data Access Guidance
- **2022** Publication of the End-to-end- Guidance project under GLEC
- **2021** Founded Sustainable Freight Buyers Alliance
- **2022** Publication of Data Access Guidance
- **2022** Release of ISO 14083, building upon the principles of the GLEC Framework
- **2022** First Smart Freight Week hosted in Rotterdam

**Our next steps in**

- Developed the GLEC Framework
- Led the establishment of the Smart Freight Shippers Alliance China
- Initiated the Low Emissions Fuel Program
- Entered into the Sustainable Freight Buyers Alliance
- Helped set up the Zero Emission Freight Initiative
- Released the Data Access Guidance
- Released the End-to-end Guidance project under GLEC
- Initiated the Smart Freight Week

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