



# Smart Freight Centre Annual Report 2022

Guiding the logistics industry  
to zero emissions

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# Gaining momentum



For Smart Freight Centre, the year 2022 has been a major milestone in its almost 10-year journey towards decarbonization of transport. Amidst ever increasing climate urgency, Smart Freight Centre (SFC) stepped up its efforts in a major way. SFC Membership and Partners' engagement has been growing significantly in a multitude of new programs: the transition from "GLEC" to ISO 14083, the SFC "Book & Claim Community", in "Clean Cargo" and soon the SFC "Air Transport Community" as well as the "SFC Exchange Network" and the "Sustainable Freight Buyers Alliance". SFC leadership is globally recognized in the first line of global climate NGOs like WRI, CalStart, ICCT and T&E with SFC's specific focus on aligning shippers and LSP for decarbonization. This was underpinned in various global conferences incl. COP27, UN Climate Week and Clean Energy Ministerial, where we were able to contribute.

We remained committed to reaching a net zero freight and logistics sector by 2050. It was the year in which we onboarded "Clean Cargo" to work with our members in the ocean container industry on expanding the "data sharing platform". We launched ZEFI, our Zero Freight Initiative in China and expanded our activities around capability building and decarbonization pilots. In 2022 we hosted our first ever "Smart Freight Week" event held in Rotterdam, where we were joined by 140 Members and Partners and officially launched the Sustainable Freight Buyers Alliance. "Smart Freight Week" 2022 was the start of my personal journey as the CEO for Smart Freight Centre, which has been exciting and rewarding. I am thankful and proud to help bring SFC forward jointly with my great Management Team, the Board and the committed SFC staff, building on the great foundations laid by Sophie Punte, Alan Lewis and the first SFC generation.

2022 was also marked by the introduction of SFC's new membership structure that helps SFC members navigate options to engage in SFC communities in a simplified way. In this structure, we deliberately merged separate affiliations in the various SFC programs and communities into one Smart Freight Centre membership. The

new Premium and Base membership structure led to a transition phase, in which we allowed all current and new members to find the right fit for their need. Meanwhile, we continue expanding into new regions in emerging markets and transport modes, further growing our impact globally.

At the end of 2022, we stood at 105 members across all SFC initiatives, which represents an increase of almost 25%. 76 organizations were trained and developed a Sustainable Logistics Roadmap. We grew the SFC team to 35+ people, onboarding 15 new colleagues, to keep up with the organizational changes and demand. All indicators show a significant potential for further growth in 2023.

We calculated a cumulative of 9+M tonnes of CO<sub>2</sub>e in 2022. In 2021, the cumulative number was 8+ million, and we will review our impact tracking and reporting in 2023. The pandemic led to supply constraints which led to a somewhat disappointing number in impacted reduction in the industry.

Reflecting on the year 2022, I feel proud of the team and all of our members & partners. I am thankful for all the support that I have received personally in my new role and the trust of our funders, with whom we jointly aspire to make a difference.

**Christoph Wolff**  
CEO, Smart Freight Centre



# Gaining momentum



## Achievements in numbers

**105**

member organizations committed to Smart Freight Centre by a membership.

We trained

**76**

organizations who developed a Sustainable Logistics Roadmap (SLR), of which 42 joined the SLR training in 2022

Impacted the reduction of

**9+ MILLION**

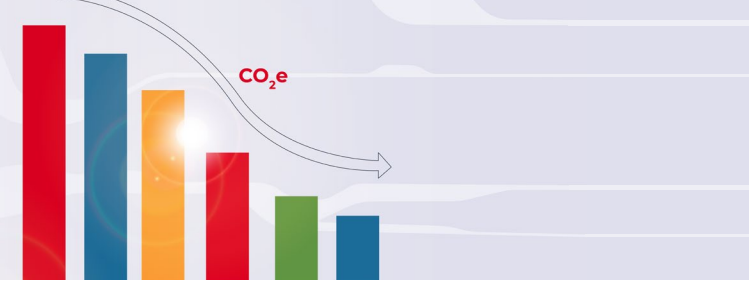
tonnes of CO<sub>2</sub>e between 2016-2021. The post pandemic year 2022 led to a rebound of global economic activity and consequently supply constraints, that unfortunately impacted global emissions negatively.

The SFC team grew to

**35+**





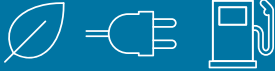
people, onboarding 15 new colleagues in 2022.

# Towards zero emissions freight and logistics



Every day goods are delivered to millions of customers around the world, and demand continues to grow. Freight transportation generates 8% of global CO<sub>2</sub> emission and as much as 11% if logistics sites are also considered. Between now and 2050, the world will see a doubling of the freight emissions, according to the International Transport Forum. Freight transportation is also a major contributor to air pollution, noise, and congestion. We cannot meet our climate and sustainability goals without efforts in this sector. Yet, it is often not high enough on the sustainability agenda of decision makers in government and industry. Key reasons include: the fragmentation of logistics sector and its dependency on millions of outsourced contractors. There are many policies on freight,

however a harmonized approach across borders and geographies is often lacking, although transport chains are mostly international. Technical solutions already exist for many stakeholders, sectors, and countries, which combined can reduce emissions by at least 80% by 2050. What is needed is sector-wide uptake of these solutions at a faster pace at global scale. If we ride the wave of broader developments - including globalization and digitalization - that are already transforming the sector, we can make tangible progress towards efficient and zero emissions global freight transportation.

FREIGHT DEMAND GROWTH IS MANAGED	TRANSPORT MODES ARE SMARTLY USED AND COMBINED	FLEETS AND ASSETS ARE SHARED AND USED TO THE MAX	FLEETS AND ASSETS ARE ENERGY EFFICIENT	FLEETS AND ASSETS USE LOWEST EMISSION ENERGY SOURCE FEASIBLE
 <ul style="list-style-type: none"> <li>• Supply chain restructuring</li> <li>• Localization and nearshoring</li> <li>• 3D printing</li> <li>• Dematerialization</li> <li>• Consumer behavior</li> </ul>	 <ul style="list-style-type: none"> <li>• Increased use of rail</li> <li>• Increase use of short sea shipping and inland waterways</li> <li>• Modular road transport</li> <li>• Cargo bikes</li> <li>• Multi-modal optimization</li> <li>• Synchromodality</li> </ul>	 <ul style="list-style-type: none"> <li>• Load optimization</li> <li>• Load consolidation and asset sharing</li> <li>• Reduce empty moves</li> <li>• Modular packaging and boxes</li> <li>• Open transport networks and warehouses</li> <li>• Increase storage density and energy efficiency</li> </ul>	 <ul style="list-style-type: none"> <li>• Cleaner and efficient technologies</li> <li>• Efficient vehicles and vessels</li> <li>• High capacity vessels, vehicles, duo-trailers</li> <li>• Driving behavior</li> <li>• Fleet operation</li> <li>• Fleet maintenance</li> </ul>	 <ul style="list-style-type: none"> <li>• Electric / hybrids</li> <li>• Biofuels (from non-food feedstocks)</li> <li>• Green hydrogen</li> <li>• Bio-CNG / bio-LNG</li> <li>• Fuel management</li> </ul>

© Smart Freight Centre and ALICE-ETP based on A. McKinnon 'Decarbonizing Logistics' (2018)

# Smart Freight Centre's mission



Smart Freight Centre (SFC) is a global non-profit organization for climate action in the freight sector. We are enablers for all those, who believe in united action to reduce greenhouse gas emissions, bringing together shippers, multinationals, NGOs, and governments in collaborative platforms, trainings, and programs. By creating a single, international methodology for tracking freight emissions, we drive transparency, set industry standards for emission performance accounting and drive end-to-end emission reductions. Together, we solve the business challenges behind reducing freight emissions.

## Our vision:

An efficient and zero emission global logistics sector.

## Our mission:

To collaborate with our global partners to quantify impacts, identify solutions and drive logistics decarbonization strategies.

## Our goal:

Guide the global logistics industry to track and reduce its GHG emissions by 1B tonnes by 2030 and reach zero emissions by 2050 or earlier - to stay in line with a 1.5° future.

## Who we are:

an international non-profit organization focused on reducing the emission impacts of global freight transportation.

## We achieve our goals by:

- Enabling performance measuring of GHG logistics emissions to drive transparency and accountability of organizations.
- Facilitating solution pathways and catalyzing collaboration between logistics stakeholders to share knowledge and create impact together.
- Educating, training, and scaling-up organizations in the logistics sector to accelerate the uptake of decarbonization solutions. This allows our members and partners to accelerate their action to reduce greenhouse gas emissions in the freight sector and to collectively meet the Paris Climate agreement and the Sustainable Development Goals.



# Scaling our impact in decarbonizing logistics

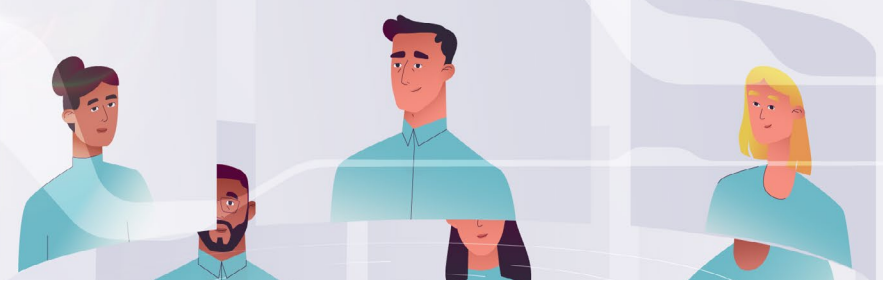


## 2022 Key Achievements:

- 105 member organizations committed to Smart Freight Centre by a membership.
- We united over 150 multinationals in adopting the GLEC Framework and are leading the developments of the **new ISO standard** for quantification of logistics emissions.
- We were joined by over 150 members and partners face-to-face at our first ever Smart Freight Week event hosted at the SS Rotterdam in May 2022.
- We trained 76 people in developing their Sustainable Logistics Roadmap and trained 150+ people through our general SFC training offering.
- We developed guidance and supported organizations in setting Science-based targets, sustainable procurement, understanding impact of low emission fuels and vehicles, and more through our dedicated projects.
- We successfully launched the Sustainable Freight Buyers Alliance at Smart Freight Week and grew its community to 25 participants.
- We integrated Clean Cargo into SFC as a part of our work to support decarbonization of ocean container transportation and grew its community to 75 participants.
- We grew as an organization with increased presence in **China** through Smart Freight Shippers Alliance's "Zero Emission Freight Initiative", as well as further exploring our **growth in India** by developing the "Green Freight Program" for India and increased our ambition to help advance decarbonizing the logistics sector globally, whilst we continued the development of a new program to serve the Air Transport industry.



# Who we work with



## Our people

Driven, professional and collaborative – the people behind SFC are all driven by our purpose. Our team, Board, SFC Advisory Council and other partners share a sense of urgency that the global freight transport and logistics sector should and can make a bigger contribution to the climate and sustainability. SFC’s dedicated purpose is to reduce emissions resulting from freight transportation. 2022 was a year of change for SFC. We welcomed our new CEO Christoph Wolff in May 2022. We significantly expanded our team, welcoming new leadership plus additional technical and sector experts, including skilled moderators and networkers. This enables us to continue to bring the right parties to the table and collaborate deeply across sectors.

## Our funders and partners

To scale our impact we partner with organizations and initiatives worldwide. We have formal partnerships with Science-Based Target Initiative (SBTI), Carbon Disclosure Project (CDP), World Business Council for Sustainable Development (WBCSD), and We Mean Business (WMB) and take part in various platforms, including the UN-led Global Green Freight Action Plan, the Action towards Climate-friendly Transport Initiative (ACT), the ALICE European technology platform for logistics and US-EPA SmartWay. We are a member of Global Drive Electric Advisory Group and joined the Partnership on Sustainable, Low Carbon Transport (SLOCAT Partnership) and Transport Decarbonization Alliance (TDA).

SFC is a non-profit organization for the benefit of society. Charitable funds therefore continue to be essential for us to develop global standardized guidelines and advocacy work where the sector and society benefits. Our funders in 2022 were Hewlett Foundation, Trafigura Foundation, UPS Foundation, Energy Foundation China, We Mean Business, GIZ Deutsche Gesellschaft für Internationale Zusammenarbeit, Shakti Foundation, ClimateWorks and the European Commission. Companies and organizations contribute to SFC projects and the Smart Freight Shippers Alliance in China financially or in kind, and pay for services that benefit them directly, such as training, assessments, and accreditation.



# The initiatives of Smart Freight Centre



A Smart Freight Centre Partnership

- Leading collaboration of multinationals, setting the standard in calculating and reporting GHG logistics emissions
- Development of guidelines, testing with companies, and advocacy for industry-wide uptake and aligned policy

GLOBAL LOGISTICS EMISSIONS COUNCIL



A Smart Freight Centre Partnership

- Uniting Freight Buyers to collaborate, track progress and provide solution pathways
- A new initiative together with BSR and the World Economic Forum in partnership with We Mean Business and Mission Possible Partnership

SUSTAINABLE FREIGHT BUYERS ALLIANCE



A Smart Freight Centre Partnership

- A collaborative partnership between ocean container carriers, freight forwarders, and cargo owners
- Generate high quality GHG performance information for ocean container transport
- Forum for best practice sharing amongst members

CLEAN CARGO



A Smart Freight Centre Partnership

- Advancing climate action through collaboration and supportive policy on decarbonizing freight in China
- Bringing together shippers, carriers and technology providers in the Zero Emission Freight Initiative

SMART FREIGHT SHIPPERS ALLIANCE



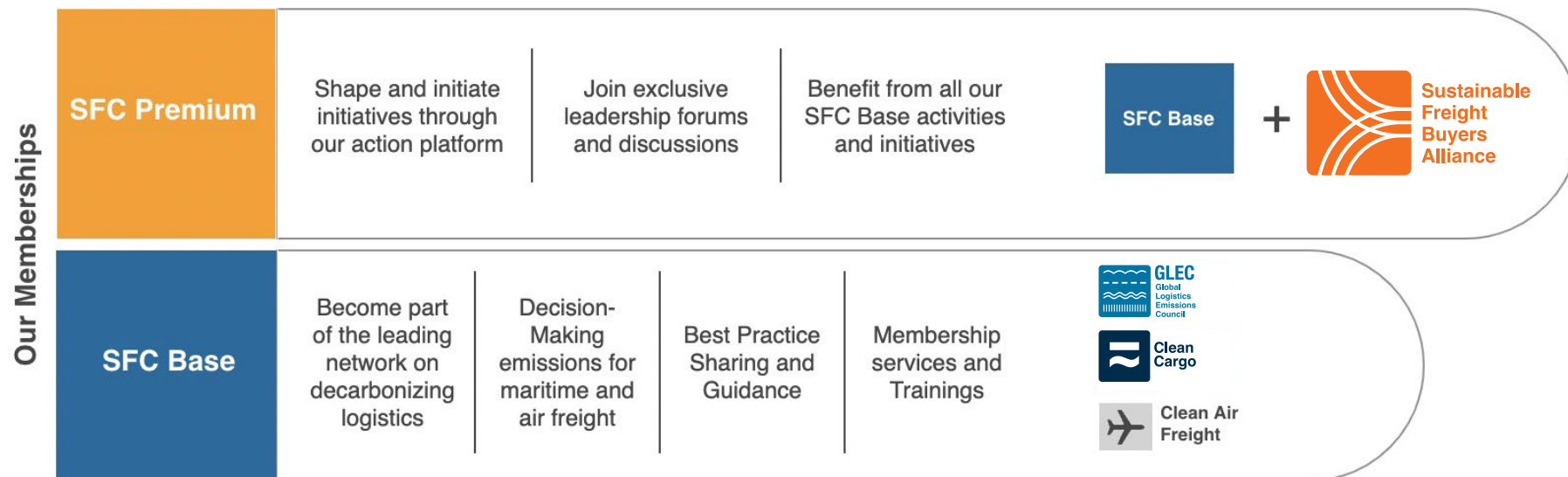
TRAINING & SERVICES



# New membership structure

In the year 2022, we introduced the new membership structure for all our current and new members. Instead of offering individual memberships per SFC program, our offering is now structured as such that SFC members get access to a wide portfolio of programs and projects and can choose those communities most relevant. Membership unlocks

access to solutions through several SFC programs, including **Global Logistics Emission Council (GLEC)**, **Clean Cargo**, **Sustainable Freight Buyers Alliance (SFBA)**, and an (under development) air freight decarbonization initiative.

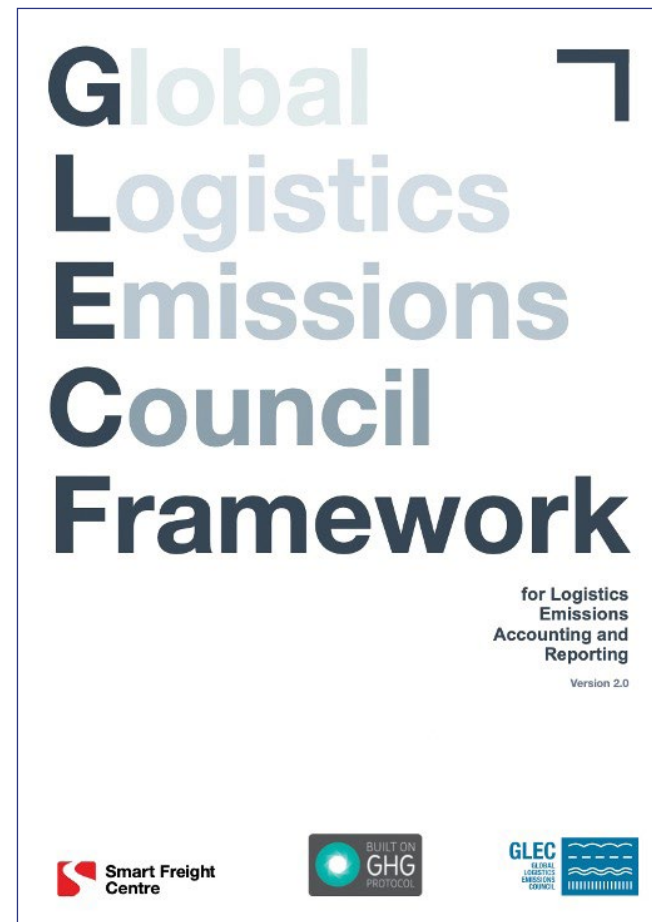


# Standardizing Calculation Methods

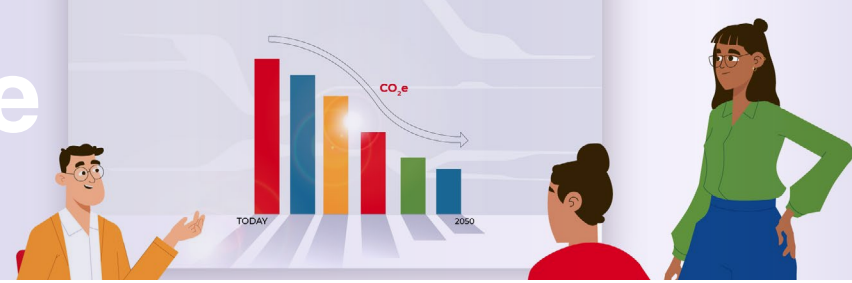


To manage and improve something, data and standardized performance indicator are key. At the start of Smart Freight Centre's journey, we focused on the first barrier: the lack of globally harmonized guidelines to calculate logistics GHG emissions. Secondly, we recognized that to address these barriers, coordination and collaboration are required across the industry. Together with leading companies, industry associations, green freight programs, experts and other organizations, Smart Freight Centre formed the "Global Logistics Emissions Council (or GLEC)" in 2014. Since then, it has grown to include more than 170 partners. The GLEC Framework meanwhile is the globally recognized methodology to calculate GHG emissions consistently across the multi-modal logistics supply chain. Since it was developed in 2014, it has been updated to address the current challenges for emission calculation and accounting.

The **GLEC Framework version 2.0** has provided the principles upon which an ISO standard, to serve as a formally recognized global standard for calculating GHG emissions in transport chains (including logistics and freight), has been based and developed over the year 2022.



# Developing Sustainable Logistics Roadmap



Many companies are already reporting and taking action to reduce emissions. Other companies realize that they should act but don't know where to start. In building a sustainability strategy, companies can benefit from developing a roadmap, that builds on what the company already has in place and fills the gaps. We help multinationals and their suppliers to develop and implement their company-specific "Sustainable Logistics Roadmap (SLR)" cutting emissions by at least 30% by 2030 from 2015, reaching net-zero emissions by 2050. This roadmap in four steps is based on the Smart Freight Leadership approach, which was developed together with our SFC Advisory Council of leading experts.

SFC guidelines and support tools can help with both roadmap development and implementation. For example, the GLEC Framework helps companies to determine their current carbon footprint. Companies can also follow our e-training courses, or we can moderate an in-company workshop. We can partner with associations or programs to reach more companies within one sector or country. In 2022, we trained over 75 people in developing their "Sustainable Logistics Roadmaps" and trained 150+ people through our general SFC training offerings.


Learn more about SFC trainings [here](#).

**1 Report**  
credible emissions  
across the multi-modal  
supply chain



**Where are we now**

**2 Set targets**  
for emission reduction  
that are science-based



**Where are we going**

**3 Reduce**  
emissions by  
implementing solutions  
as buyer or supplier



**How do we get there**

**4 Collaborate**  
and advocate for  
sector-wide action  
and supportive policy

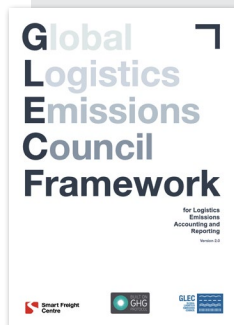


**What do we need**

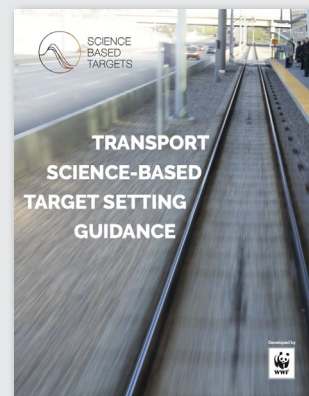
# Guidelines published with partners



## 1 Report



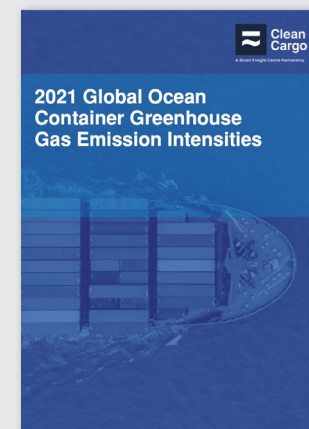
## 2 Set targets



## 3 Reduce



## 4 Collaborate



These are a selection of Smart Freight Centre publications. To see more, and to download our guidelines and resources, visit our [website](#).

# SFC projects to help the logistics industry to decarbonize



To move fast, we develop concrete projects, big and small. Leading companies and other partners work with us on these projects that make use of their experience and test what works in practice. Guidelines, case studies and any other materials that are produced are shared with all stakeholders.

- At the start of the year we launched the **Bio-LNG Whitepaper**. The main goal of this paper is to present the available information on bio-LNG in a way that is useable for providers and purchasers to reach their GHG emission reduction goals.
- This was followed by the launch of a **series of Biofuels reports** covering respectively a Guidance, Sustainability Criteria and a geographical comparison of GHG calculation methods in the US and Europe respectively.
- Clean Cargo published the **Global Average GHG emission intensities report**. The information in this public report is based on data from the 17 ocean container carriers, with over 3,900 vessels, who participated in 2022 performance reporting through Clean Cargo. The emissions performance information presented in the latest report is calculated according to the Clean Cargo methods.
- The **Data Access and Exchange Guidance** was launched followed by updates with our partners throughout the year. The Data Access for Logistics Emissions Accounting and Reporting (“Data Access”) project aims to increase transparency of logistics emissions and decarbonization strategies through supporting shippers, LSPs, and carriers in accessing and exchanging GHG logistics emissions across their transport supply chain.
- The **SBTi launched world-first roadmap for net-zero shipping by 2040**. This guidance was developed with the support of Smart Freight Centre and UMAS, and in consultation with a Technical Working Group (TWG) made up of experts from academia, civil society and business.



# Raising awareness



A key part of Smart Freight Centre's role is raising awareness in order to scale industry action. We continue to increase our impact on a global, country and sector level. The objectives are: more governments and organizations as well as companies have aligned policies, programs and strategies, and more companies collaborate and show leadership. To scale rapidly, we need to move beyond working with multinationals and

put additional emphasis on engaging with the stakeholders who influence them, building on the strategic partnerships established to date and connecting with new partners. We identified five types of stakeholders and their roles in accelerating climate transparency and action for the freight and logistics sector. We reach them through (social) media, engagements, roundtables, and events.



**Sectoral associations and initiatives** drive sector-wide transparency and climate action for freight



**International non-governmental and research organizations** integrate freight into their core objectives and programs



**Governments and inter-governmental organizations** increase climate policy ambition and incentives for freight



**Investors** direct their money to sustainable freight through equity shares and GHG reduction/insetting projects



**Service and technology providers** integrate logistics GHG reporting and reduction for customers

Highlights from 2022 include:

- First Edition Smart Freight Week in Rotterdam
- Presence at Climate Week
- Launching SFBA's Collaboration Catalyzer at the Clinton Global Initiative meeting 2022.
- Catalyzing Climate Leadership at COP 27: We hosted and participated in **several engagements** of which one was held at the WeMeanBusiness Pavilion. See the session as hosted at WMBC Pavilion [here](#)

# Event highlights in 2022



SFBA being officially launched at Smart Freight Week



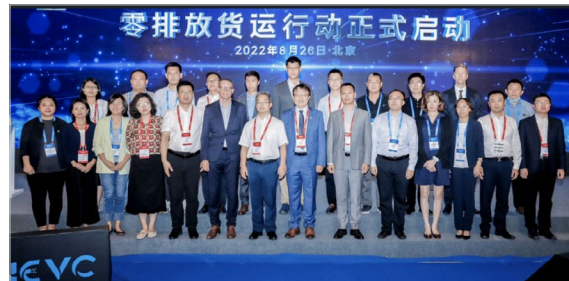
Christoph Wolff, Smart Freight Centre's CEO, at Climate week NYC presenting sustainable freight solutions and the work of SFC



Rik Arends, SFBA Lead, at COP27 Egypt



Christoph Wolff, CEO, launching SFBA's Collaboration Catalyzer at the Clinton Global Initiative (CGI) 2022 Meeting.



Zero Emission Freight Initiative (ZEFI) officially being launched at the 2022 Zero Emission Medium and Heavy-Duty Vehicle Forum in Beijing, China.



Christoph Wolff at COP27 Egypt



# Communication highlights in 2022



**Smart Freight Centre**  
4,614 followers  
1yr · 🌐

We have started! We have officially kicked off the first edition of Smart Freight Week in Rotterdam, three days of uniting logistics industry stakeholders. It is great to reunite with so many and meet face-to-face as we all want to meet the Paris climate goals.

[#smartfreightweek](#) [#smartfreightcentre](#) [#conference](#)

**Smart Freight Centre**

**Smart Freight Centre appoints Christoph Wolff as CEO**

Amsterdam, 2 May 2022 - The Board of Directors of Smart Freight Centre (SFC) is pleased to announce the appointment of Christoph Wolff as SFC's CEO.

As of April 2022, our Executive Director Olivier Convez announced that he will be stepping down from his role for personal reasons. He established a strengthened foundation and strategy in the period after Smart Freight Centre's founder had moved on. We are grateful for the work we've done together at a time of rapid growth.

At the same time, we are happy to welcome [Christoph Wolff](#) who will assume all Executive Director responsibilities as our new Chief Executive Officer per 1 May. Christoph will lead the way in the current logistics context, where climate change asks for joint and rapid action by its key players. Smart Freight Centre continues to grow rapidly, orchestrating collaborative climate action globally by more and more multinationals, both manufacturers and logistics companies.

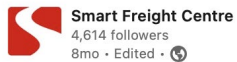
**Smart Freight Centre**  
4,615 followers  
1yr · 🌐

Today we officially launched the Sustainable Freight Buyers Alliance (SFBA) at [#smartfreightweek](#). Amazing to launch a new **Smart Freight Centre**-led initiative with **BSR (Business for Social Responsibility)** and **World Economic Forum** on a day where **Stientje van Veldhoven** Vice President Europe of the **WRI Europe** set the scene and reiterated the urgency to decarbonize the freight and logistics industry.

Curious about SFBA membership and its value for your organization? Contact us at [sfba@smartfreightcentre.org](mailto:sfba@smartfreightcentre.org)

More information at our website here <https://lnkd.in/dMM7kjFb>  
[#launch](#) [#sfba](#) [#smartfreightcentre](#) [#smartfreightweek](#)

# Communication highlights in 2022



Smart Freight Centre  
4,614 followers  
8mo · Edited ·

Zero Emission Freight Initiative (ZEFI) officially launched!

Today, Smart Freight Centre (SFC) China, together with 26 institutions and companies, officially launched #ZEFI (Zero Emission Freight Initiative) at the Zero Emission Medium and Heavy Duty Vehicle Forum at the World New Energy Vehicle Congress 2022 in #China

The launch is part of the Zero Emission Medium and Heavy-Duty Vehicle Forum organized together with China Automotive Engineers Association, and the Vehicle Emission Control Center of Chinese Research Academy of Environmental Science (VECC).

For further information about joining ZEFI, interested companies are invited to reach out to [infochina@smartfreightcentre.org](mailto:infochina@smartfreightcentre.org)

Learn more here: <https://bit.ly/3e0QVH2>

#zeroemissions #ZEFI #climateaction #WNEVC



Smart Freight Centre  
4,614 followers  
11mo · Edited ·

As we approach the halfway mark on Clean Cargo's first year at Smart Freight Centre, we're thrilled to share the new Clean Cargo brand publicly!

The new brand, first unveiled at Smart Freight Week last month, reflects Clean Cargo's independence as a collaborative initiative while also aligning with SFC branding and the branding of our other programs.

Find more about Clean Cargo here: <https://lnkd.in/ecie4iqS>

#zeroemissions #decarbonization #containershipping #climateaction



SFC | Clean Cargo

smartfreightcentre.org · 1 min read



Smart Freight Centre  
4,931 followers  
10mo · Edited ·

Today, we launch a set of reports that cover the full value chain of biofuels, its impact and how the logistics industry can leverage this alternative fuel.

Listen to Smart Freight Centre's Technical Manager [Tharsis Teoh](#), explaining why we publish about biofuels and how it supports the logistics sector in their decision-making, whilst being on a decarbonization journey.

The three reports are:

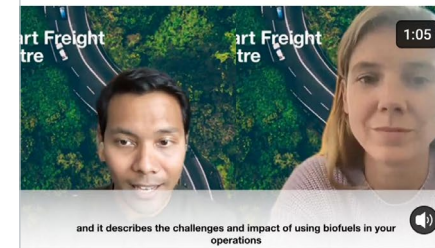
'Practical guidance on biodiesel and renewable diesel'. Targeted at Shippers and carriers considering biodiesel and renewable diesel to decarbonize their transports.

'Sustainability criteria for biofuels' targeted at shippers and carriers concerned about sustainability implications of the biofuels they use.

'Comparison of greenhouse gas accounting principles between the US and the EU'. Targeted at shippers and carriers who have operations in both Europe and North America to understand and apply biofuel emission factors in their emissions disclosure activities.

For more information, and to download the reports, click here: <https://lnkd.in/e724ajEJ>

#biofuels #reports #Lowemissionfuels



and it describes the challenges and impact of using biofuels in your operations



# Communication highlights in 2022



News

## The potential of Bio-LNG in decarbonizing logistics presented in our latest whitepaper

Amsterdam, 10 March 2022 - Smart Freight Centre launches the Bio-LNG whitepaper that covers the effectiveness and potential of bio-LNG as a mechanism in decarbonizing logistics



Today, we launch the Bio-LNG Whitepaper. The main goal of this paper is to present the available information on bio-LNG in a way that is useable for providers and purchasers to reach their GHG emission reduction goals.

Currently, the transport sector is in a transition phase on the road towards zero emissions. The understanding of how low emission fuels and vehicles can help governments and companies navigate this transition phase has become a crucial topic.

In recent years, Smart Freight Centre has received numerous inquiries about the effectiveness of using bio-LNG to reduce greenhouse gas emissions for road transportation. In response, the Low Emission Fuels and Vehicles (LEFV) Program within the [Global Logistics Emissions Council \(GLEC\)](#) further worked and collaborated with partners to bundle all elements and common strategies involving bio-LNG.



Last month, Smart Freight Centre participated at the [Clinton Global Initiative \(CGI\) 2022 Meeting](#), which brought together global and emerging leaders to act on the world's most pressing challenges. As part of the meeting, 144 new Commitments to Action were announced that address climate change, health equity, inclusive economic growth, and the global refugee crisis.

To expand our efforts to address climate change, we announced our very own Commitment to Action: to launch the Sustainable Freight Buyers Alliances's (SFBA) Collaboration Catalyzer.

The Collaboration Catalyzer, which launched last month, serves as an online and offline platform that enables SFBA's members – who are corporate freight buyers – to collaborate with peers and partners on freight emissions reduction projects. Through this platform members are able to suggest project ideas or join existing, concrete projects thereby sharing costs and risk. In addition, they receive assistance with project development from SFBA and its partners.

You can read more about our Commitment to Action in the article below.

[#CGI2022](#) [#sustainability](#) [#logistics](#) [#collaboration](#) [#climateaction](#) [#freight](#)



## Smart Freight Centre's Commitment to Action at CGI 2022: launching the SFBA Collaboration Catalyzer

clintonfoundation.org • 3 min read



Looking back at [#COP27](#), we had the great opportunity to co-host and join discussions on several key issues related to sustainable logistics. Topics included policy approaches to logistics [#decarbonization](#), as well as the electric ...see more



# Communication highlights in 2022



**Smart Freight Centre**

News

### SBTi launches world-first roadmap for net-zero shipping by 2040

Amsterdam, 6 December 2022 – This guidance was developed with the support of Smart Freight Centre (SFC) and UMAS, and in consultation with a Technical Working Group (TWG) made up of experts from academia, civil society and business. The development process included a month-long public consultation to guarantee the criteria and guidance are robust, clear and practical, and provide business leaders with confidence that their decarbonization strategies are in line with climate science.



- The world's first guidance launches to enable maritime transport companies to set near- and long-term science-based emission reductions targets in line with 1.5°C.
- The maritime sector is responsible for **over 3% of global annual greenhouse gas emissions**. To get on track with the UMAS Transition Strategy Report, the sector must cut its emissions **40% by 2030 and reach net-zero by 2040**.
- The Guidance is designed for companies that own and operate ocean-going vessels and those setting targets for supply chain emissions associated with maritime trade.

The **Science Based Targets initiative (SBTi)**, the global body enabling businesses to set emissions reduction targets in line with climate science, is launching the world's first framework for shipping industry companies to set near- and long-term science-based targets in line with 1.5°C and net-zero.

The maritime sector serves as a critical link in many global supply chains; more than **80% of global trade by volume is carried by sea**. This sector contributes to **over 3% of global annual greenhouse gas emissions**, which is on course to **increase more than fivefold by 2050**.

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We are taking bookings for our Sustainable Logistics Roadmap (SLR) training course and our GLEC Framework live training!

[...see more](#)




## Reduce your logistics emissions

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Our Global Logistics and Emissions Council (GLEC) is the fourth initiative we cover in this series and is also the longest running within SFC, counting eight years since its inception and six since the publication of the initial GL [...see more](#)



**Alan Lewis**  
Director, Global Logistics Emissions Council

The GLEC is a group of companies that's logistics service providers...

**SFC- Global Logistics and Emissions Council (GLEC)**



# Financial summary



Stichting Smart Freight Centre (SFC) was established in 2013 as a global non-profit organization dedicated to a more efficient and zero-emissions global freight and logistics sector. SFC is registered in The Netherlands as a foundation, recognized as a Dutch Public Benefit Organization and is certified as an equivalent to a US public charity. To allow operation in

China, SFC established Smart Freight Centre Asia Ltd, registered in Hong Kong, and Smart Freight Centre China as a Wholly Fully-Owned Enterprise, registered in Beijing. In 2021, SFC established Smart Freight Centre B.V. to continue providing training and services to the companies to increase impact but maintain the ANBI status of the foundation.

## Consolidated Balance Sheet

	31-12-2022		31-12-2021	
	€	€	€	€
<b>Assets</b>				
<b>Intangible fixed assets</b>		93,814		56,605
<b>Tangible fixed assets (equipment)</b>		30,054		22,899
<b>Financial assets</b>		54,678		31,029
<b>Current assets</b>				
Accounts receivable	881,794		439,011	
Taxes and social security charges	22,471			
Other receivables (prepayments and accrued income)	122,844		165,364	
		1,027,109		604,375
<b>Cash and cash equivalents</b>		3,217,565		856,853
<b>Total</b>		<b>4,423,220</b>		<b>1,571,761</b>
<b>Liabilities</b>				
<b>Group equity (reserves and earmarked funds)</b>		319,784		276,846
<b>Short-term liabilities (&lt;1 year)</b>				
Account payable	74,004		54,735	
Taxes and social premiums	84,640		81,222	
Accruals and deferred income	3,944,792		1,158,958	
		4,103,436		1,294,915
<b>Total</b>		<b>4,423,220</b>		<b>1,571,761</b>

## Consolidated Income and Expenses

	2022		2021	
	€	€	€	€
<b>Income</b>				
Grants and contributions	2,233,317		1,267,971	
Other operating income	1,364,920		628,392	
		3,598,237		1,896,363
<b>Expenses</b>				
Employee expenses	1,937,544		1,150,964	
General expenses	1,580,211		837,027	
Depreciation	33,728		20,785	
		3,551,483		2,008,776
<b>Operating result</b>		46,754		-111,814
Other interest and similar income		-		-
Currency translation differences		4,457		22,386
<b>Result before tax</b>		51,211		-89,428
Income tax expense		-3,171		-490
<b>Result</b>		<b>48,040</b>		<b>-89,918</b>

The official ANBI publication form can be found [here](#).

