IATA WEBINAR

Sustainability in Air Cargo Operations



10 November 2026 | 13:00 – 14:15 CET

Unrestricted

IATA WEBINAR

Topics	Speakers	Time
Welcome and opening	**Alina Fetisova**, Regional Cargo Manager Europe, Middle East and Africa, IATA	13:00
IATA Cargo Sustainability Update	**Patricia Varela**, Manager Cargo Innovation and Efficiency, IATA	13:05
ISP Update	**Óscar Andrés León**, Product Manager, Environmental Sustainability Certification, IATA	13:15
CO2 Connect for Cargo	**Alina Ispas**, Senior Product Manager, CO2 Data Solutions, IATA	13:25
CADO SAF Registry	**Kristýna Matoulková**, Manager SAF Registry, IATA	13:35
Environmental & Sustainability Insights	**Hatem Sherif**, HSE Manager, CACC Cargolinx	13:45
Q&A	All	14:00

IATA

IATA WEBINAR

Welcome



Alina Fetisova
Regional Cargo Manager Europe,
Middle East and Africa
IATA

Survey Results:

Shaping the Future of Air Cargo in Europe, the Middle East, Africa, Central Asia & the Caucasus

Your Voice. Our Advocacy.

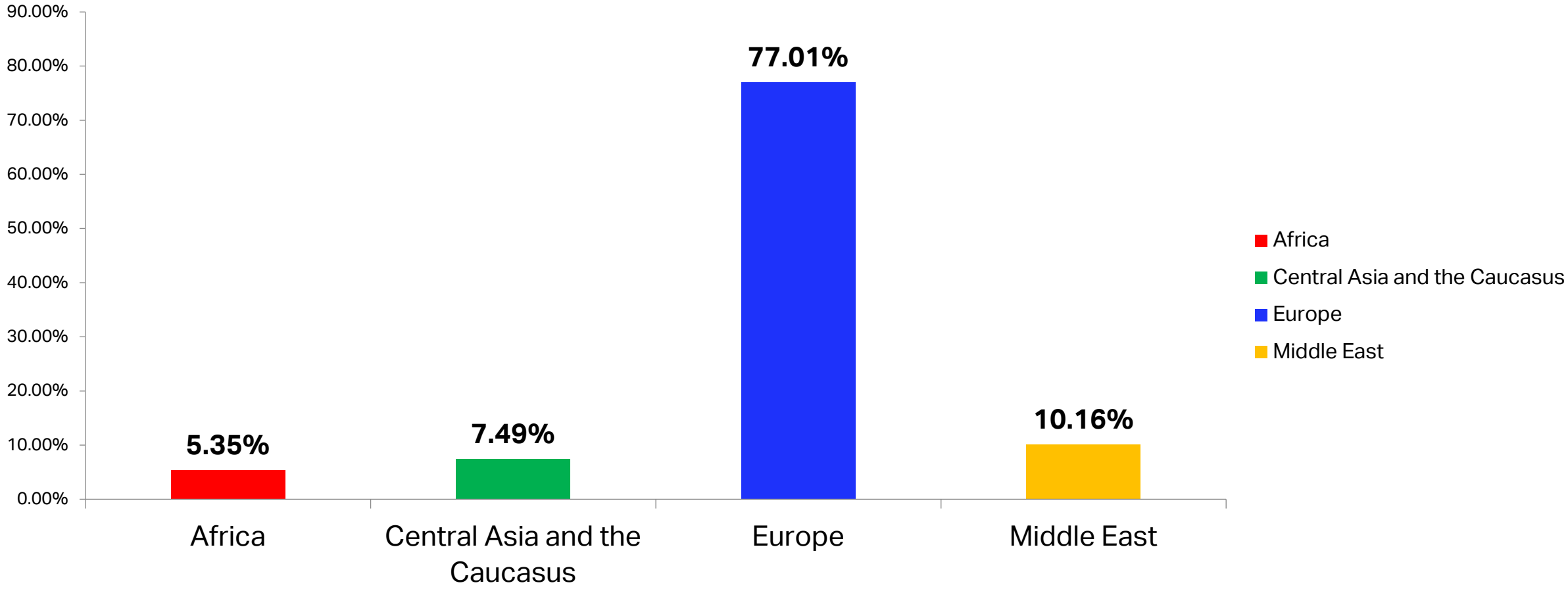
Sustainability part

Alina Fetisova

Regional Cargo Manager, Europe, Middle East and Africa, IATA



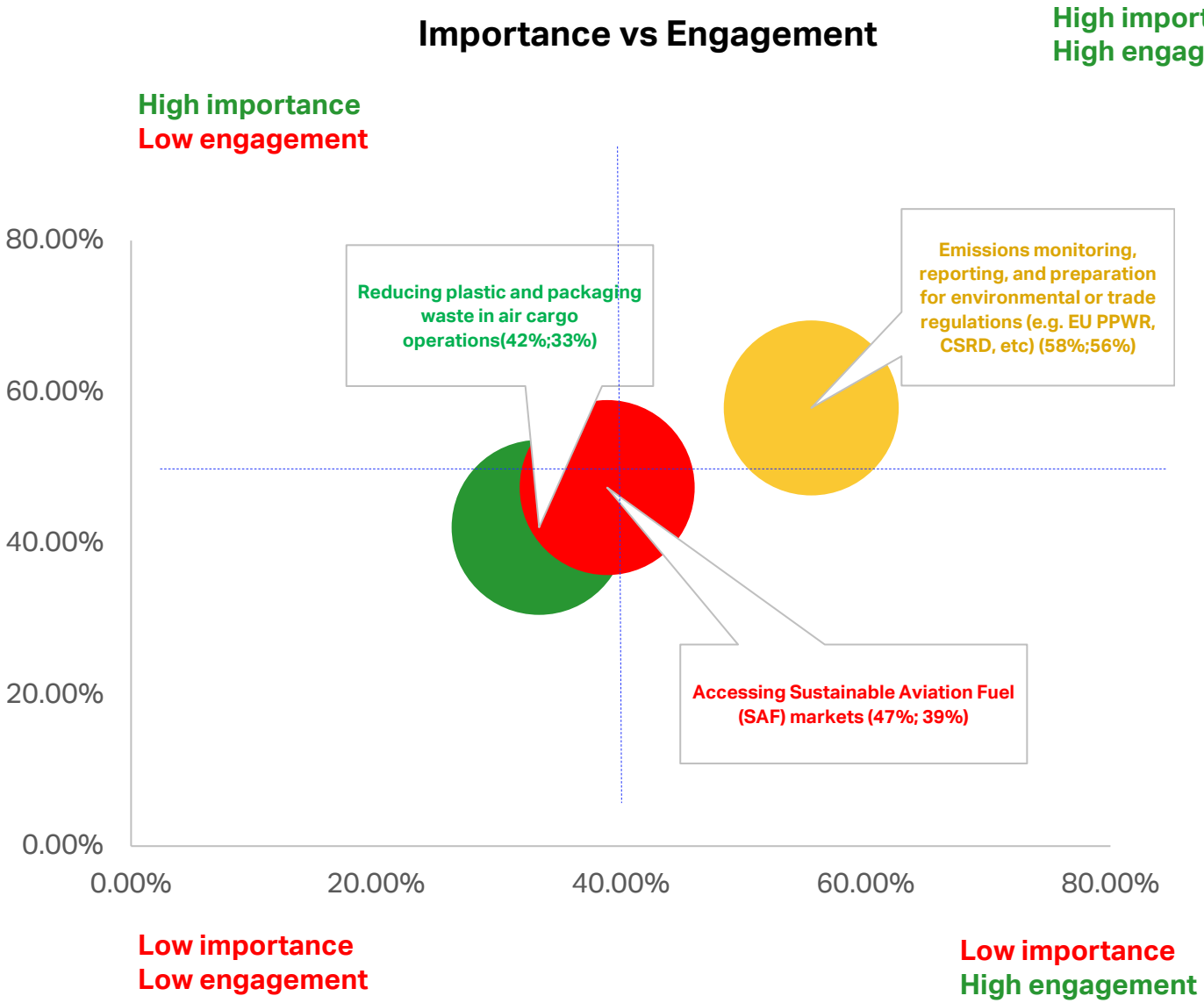
Out of 188 respondents European stakeholders were the main contributors to the survey



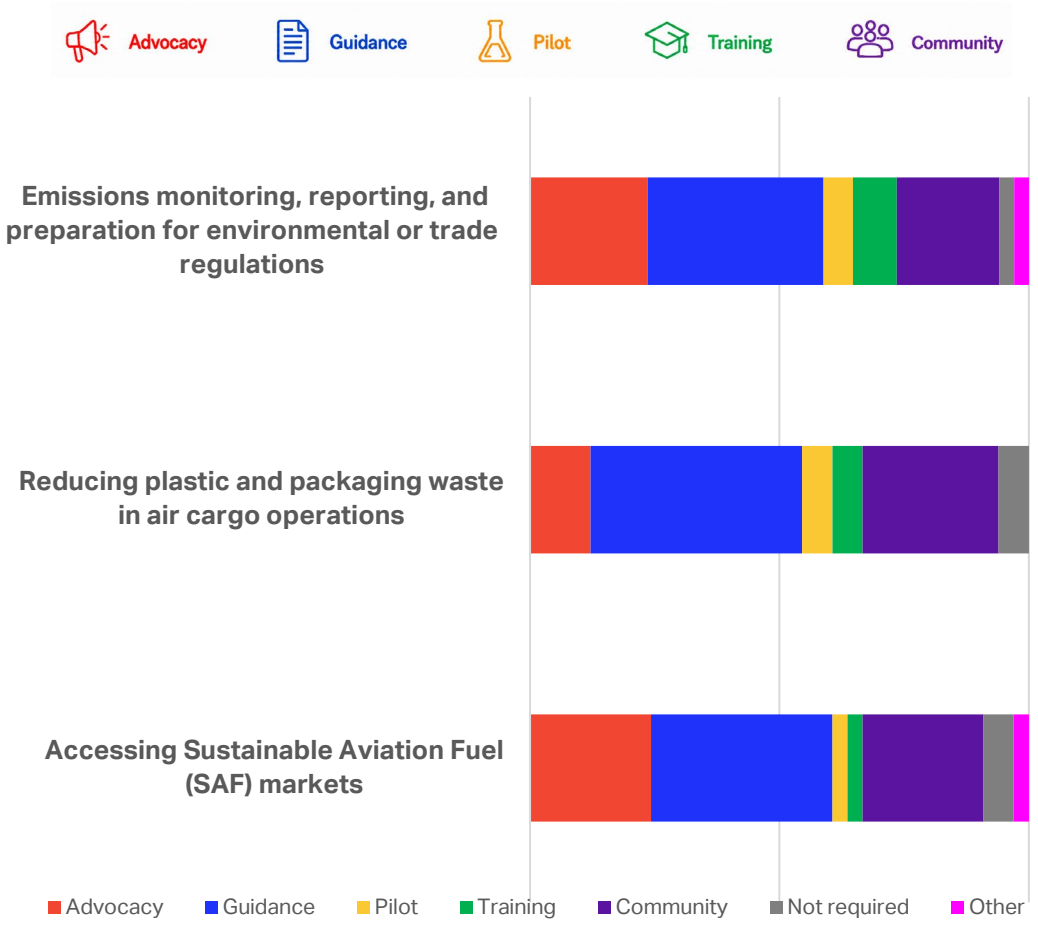
Unrestricted

Sustainability & environmental priorities

Importance vs Engagement



Priority support



Unrestricted

Sustainability & environmental priorities: Key findings

- **Sustainability is a growing strategic priority**, driven by compliance, decarbonization, and environmental performance.
- **Emissions monitoring, reporting, and regulatory readiness** are the top priorities, with the highest importance (58%) and engagement (56%).
- **Emissions initiatives show the strongest alignment** between importance and engagement, with only a 2-point gap (58% vs. 56%).
- **SAF access and plastic/packaging waste reduction** remain key priorities, though engagement levels suggest room for wider industry participation.
- **Importance exceeds engagement across all sustainability initiatives**, highlighting opportunities to accelerate implementation.
- **Guidance is the most requested support**, reflecting demand for practical tools, regulatory clarity, and best practices.
- **Collaboration and community engagement** are also key stakeholder needs, supporting knowledge sharing and collective action.
- **The sustainability agenda is shifting from awareness to implementation**, with a focus on compliance, decarbonization, and long-term environmental performance.

Unrestricted



IATA WEBINAR

IATA Cargo Sustainability Update



Patricia Varela
Manager Cargo Innovation and Efficiency
IATA

The path to sustainable air cargo operations

Industry trends, opportunities, challenges, and solutions in 2026



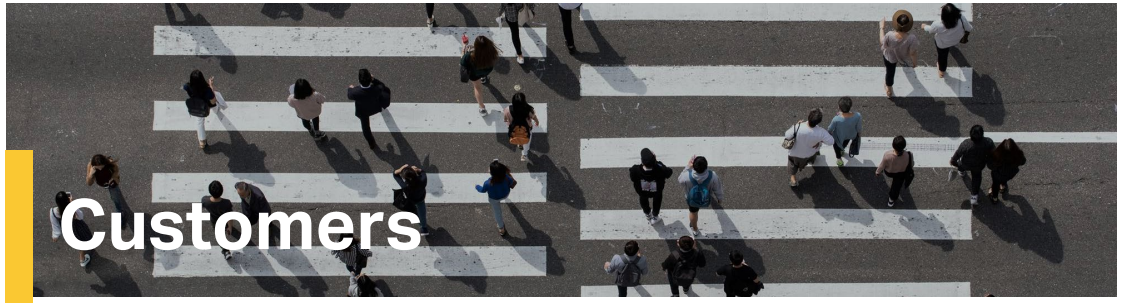
Unrestricted

What is driving sustainable transformation?



Regulation

New rules on packaging, deforestation, emissions reporting, and others.



Customers

Shippers and forwarders expect reliable data and lower-impact options.



Technology

Digitalization and new materials make measurement and finding alternatives realistic, enabling new possibilities



Industry initiatives

The industry is committed to reducing its environmental impact and operating more sustainably.

Air cargo directly contributes to targets under seven of the UN Sustainable Development Goals, from food security and access to medicines to trade and infrastructure.

Unrestricted

Our priorities for air cargo

Contributing to key industry commitments towards net-zero carbon emissions by 2050







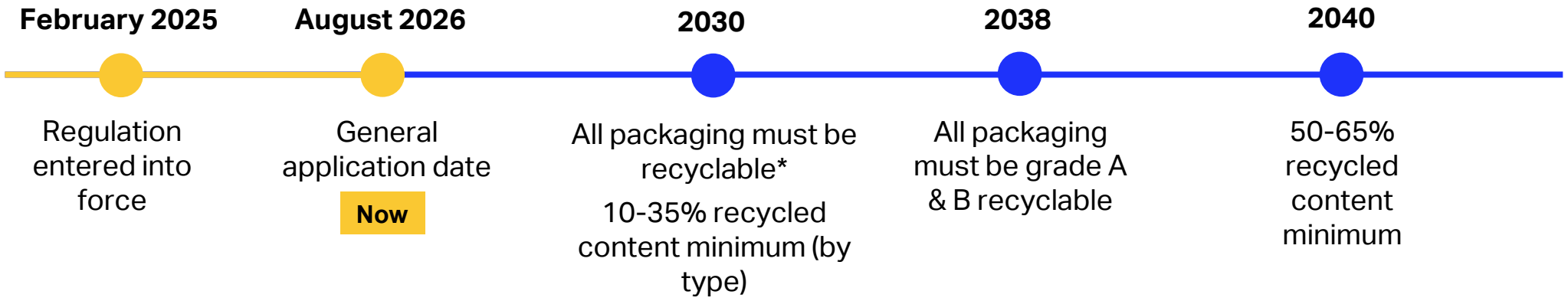


Focus on air cargo packaging

New national and regional regulations are transforming packaging

- New legislation will impact design and choice of packaging in air cargo, including overpack, pallets, and wrap
- There is a need for new recyclable, right-sized/adaptable, and reusable packaging systems

The EU Packaging and Packaging Waste Regulation 2025/40 (PPWR)



Source: Regulation (EU) 2025/40; Commission guidance (June 2026) and FAQs (August 2026)

Focus on air cargo packaging

How EU rules reach air cargo stakeholders

Europe

Rules apply directly.

PPWR is in application since 12 August 2026.

The EU Deforestation Regulation (EUDR) applies from 30 December 2026

Rest of the world

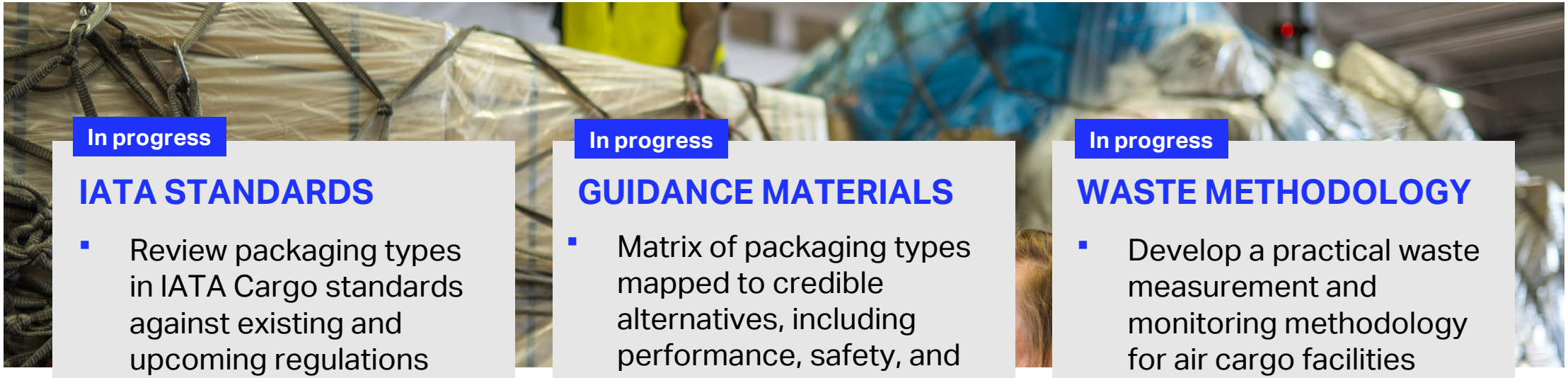
EU rules may arrive through EU-bound trade; impact to be assessed by stakeholder

Other national regulations and bans must also be taken into account



Eliminating packaging and plastic waste and enabling circular economy models

IATA's work on packaging



In progress

IATA STANDARDS

- Review packaging types in IATA Cargo standards against existing and upcoming regulations
- Ensure continued alignment without compromising safety or quality

In progress

GUIDANCE MATERIALS

- Matrix of packaging types mapped to credible alternatives, including performance, safety, and environmental attributes
- Deliver a consolidated, practical reference for shippers, forwarders, handlers and airlines

In progress

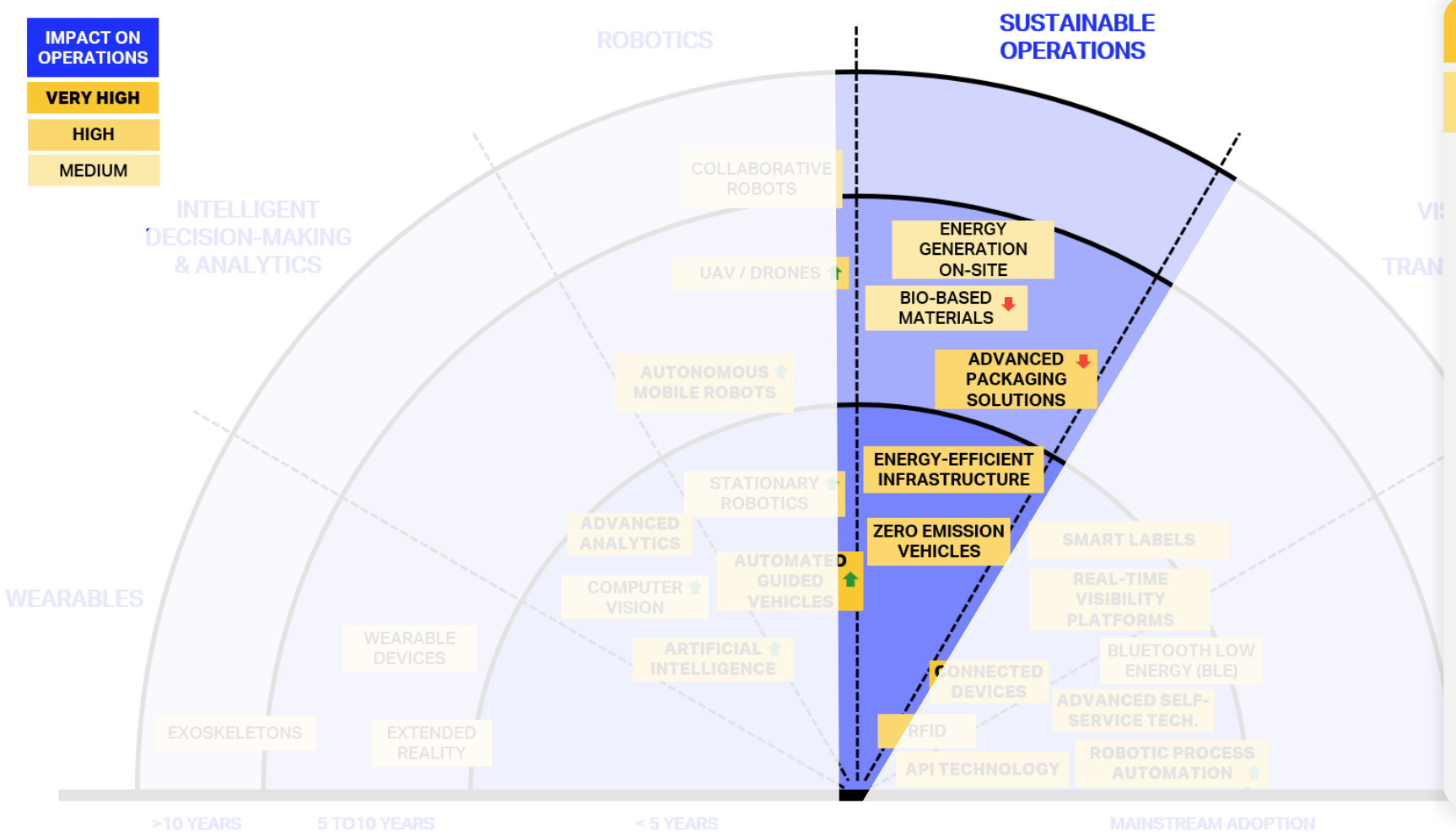
WASTE METHODOLOGY

- Develop a practical waste measurement and monitoring methodology for air cargo facilities
- Standardize waste identification and reporting
- Map milestones across the Industry MOP

Unrestricted

Technology Trends in Sustainable Operations

Driving sustainability and efficiency in cargo operations



Short & Medium term

High Impact

Zero-Emission Vehicles
(electric or hydrogen-powered GSE, forklifts, pallet movers)

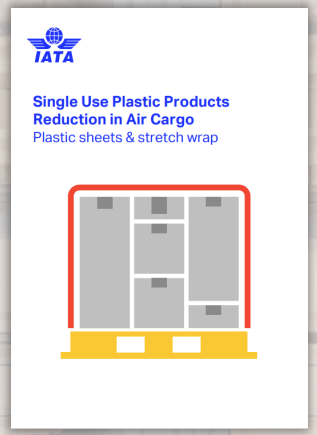
Efficient infrastructure
(insulation, optimized layouts, efficient HVAC, and natural light)

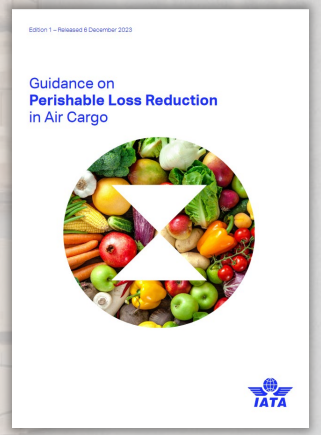
Advanced Packaging
(reusable containers and smart packaging with embedded sensors)

Bio-based materials
(plant fibers, biopolymers, and agricultural waste)

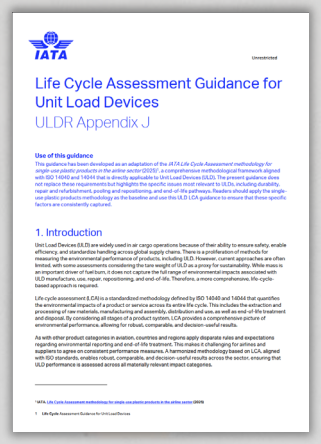
Energy generation on-site
(solar installations and combined heat and power systems)

Resources & Publications









iata.org/cargo-sustainability





iata.org/cargo-operations

Thank you



Patricia Varela
Manager, Cargo Innovation & Efficiency

varelap@iata.org

IATA WEBINAR

ISP Update



Óscar Andrés León
Product Manager, Environmental Sustainability Certification,
IATA

Unrestricted



IATA Integrated Sustainability Program (ISP)

Credible sustainability management for cargo handling

Sustainability in Air Cargo Webinar
November 10, 2026

The challenge

Fragmented requirements make credible implementation harder

The Problem: A fragmented reporting landscape

Aviation organizations face overlapping legal, disclosure, customer, investor, and standard expectations

Int. conventions & commitments

- COP 21 (Paris 2015)
- Sustainable Development Goals (SDGs)
- Action plan on financing sustainable growth

Regulations

- Corporate Sustainability Reporting Directive (CSRD)
- European Corporate Sustainability Due Diligence Directive CSDDD
- EU Forced Labour Regulation
- Forced Labour and Child Labour Reporting

Plus many others jurisdictional Modern Slavery & Forced Labour laws

Reporting frameworks

GRI, SASB, CDP, ISSB, IFC, IR, TCFD, OECD, Greenhouse Gas Protocol, ISO

Non-binding recommendations

UNEP Finance Initiative Principles for Responsible Banking

The Social Bond Principles

PRI Principles for Responsible Investment

Sustainability Ratings

Dow Jones Sustainability Indexes, TRUCOST, SCOPE, FTSE Russell, ISS ESG, CDP, Bloomberg, arabesque

Other initiatives

- Science Based Targets Initiative
- Transition Pathway Initiative

Banking initiatives

- GFANZ Glasgow Financial Alliance for Net Zero
- The industry-led United Nations-convened Net-Zero Banking Alliance
- Center for Climate Aligned Finance
- impact ON SUSTAINABLE AVIATION

Unrestricted

ISP Turns Fragmentation Into A Management System

Build core sustainability capabilities once and reuse evidence across stakeholder requirements

External expectations	ISP Standards	Organizational outcomes
Regulations	Governance	Compliance readiness
Disclosure	Risk assessment	Audit discipline
Customers	Policies & controls	Credible evidence
Investors	Supplier due diligence	Reduced duplication
Ratings	Training	Continuous improvement
	Grievance & remediation	
	Monitoring & records	

ISP does not replace regulation; it provides an aviation-specific implementation layer that supports regulatory and disclosure requirements, as well as stakeholder responses.

Our Response

One framework for monitoring, management, and performance.

Unrestricted

The Aviation Industry's Integrated Sustainability Framework

Manage. Improve. Measure. Certify.

Built for aviation. Aligned with international standards. Supported by IATA

Edition 5



1. Emissions
2. Waste
3. Water
4. Noise
5. Biodiversity
6. Pollution

Edition 2



1. Sustainability in Tendering
2. Supply Chain Risk Mitigation
3. Policy & Code of Conduct
4. Supplier Management
5. Grievance Mechanisms

Edition 2



1. Human Rights Due Diligence
2. Workplace & Talent
3. Communities & Customers
4. Grievance Mechanisms

Edition 2



1. Environmental KPIs
2. Social KPIs
3. Governance KPIs

External Confidential
Unrestricted

ISP | The Value Proposition

One aviation-specific framework. Six reasons it matters.

Turn sustainability ambition into credible progress.

ISP brings the aviation value chain onto a common implementation pathway, from standards and capability building to verification and certification.

Built for Aviation. Aligned with International standards. Supported by IATA

1. Sector-wide adoption

A common approach designed for aviation stakeholders across the value chain.

2. Harmonized action

Align sustainability efforts using a shared framework and language.

3. Compatibility & alignment

Work alongside ISO standards and diverse regulatory environments.

4. Credible progress

Verify and demonstrate sustainability achievements to key stakeholders.

5. Industry innovation

Create a common base that enables collaboration and new solutions.

6. Continuous improvement

Measure, strengthen and maintain performance over time.

One framework that connects implementation, learning, verification and certification.

Unrestricted

Don't Navigate Certification Alone

Independent certification, backed by continuous training, expert guidance and member support.

01 TRAIN

Unlimited training

Training and eLearning available across your organization throughout membership.

02 PREPARE

Annual readiness workshop

IATA sustainability experts help your team understand requirements and identify areas requiring attention.

03 CERTIFY

Independent assessment

An independent assessor evaluates conformity and identifies findings and opportunities for improvement.

04 IMPROVE

Quarterly member check-ins

Regular conversations help surface challenges, feedback and opportunities for additional support.

ISP MEMBER SUPPORT THROUGHOUT → capability-building → certification → continuous improvement → recertification

Unrestricted

The Impact, According to Our Customers

Customers report tangible organizational benefits from achieving ISP certification.

96%
Improving processes

97%
Build credibility & trust

94%
Support regulatory compliance

93%
Mitigate Risks

93%
Improve Results

93%
Drive Continuous Improvement

90%
Foster Collaboration

90%
Identify Growth Opportunities

Our customers see certification as more than recognition. They see measurable value for their organizations.

Unrestricted

Thank you!

Óscar Andrés León
Product Manager, Sustainability Certifications, IATA
isp@iata.org



IATA WEBINAR

CO2 Connect for Cargo



Alina Ispas
Senior Product Manager, CO2
Data Solutions
IATA

CO2 Connect for Cargo: bringing consistency to Air Cargo emissions data



Cargo Webinar,
10 November 2026

Alina Ispas, Senior Product Manager, CO2 Data Solutions, IATA

CO2 Connect

Unrestricted

Aviation decarbonization is the most pressing challenge of our industry.

For air cargo to continue to deliver on its immense value to the societies, we need to tackle its emissions.

IATA CO2 Connect

CO2 Connect

CARGO CO2 CALCULATOR

Bridging the Gap

Market Need for **Airlines' Real Data**

There is a **growing interest** from shippers, freight forwarders, tech companies to receive **CO2 information directly from airlines** on a per shipment basis **for flown and future flights.**

Too many data sources leading to **Lack of Consistency**

There is a requirement to have **one, standard industry best practice** approach to calculate per shipment CO2 emissions for air cargo, to provide **consistent calculation results for the industry.**

Modelled data compromising **accuracy**

Modelled data in isolation to predict CO2 emissions of a flight, can give rise to **inaccurate results.**

CONFIDENTIAL THIS PRESENTATION CONTAINS IATA PROPRIETARY INFORMATION AND IS NOT TO BE DISCLOSED FURTHER.
CO2 Connect Presentation, © International Air Transport Association (IATA) 2025. All rights reserved.

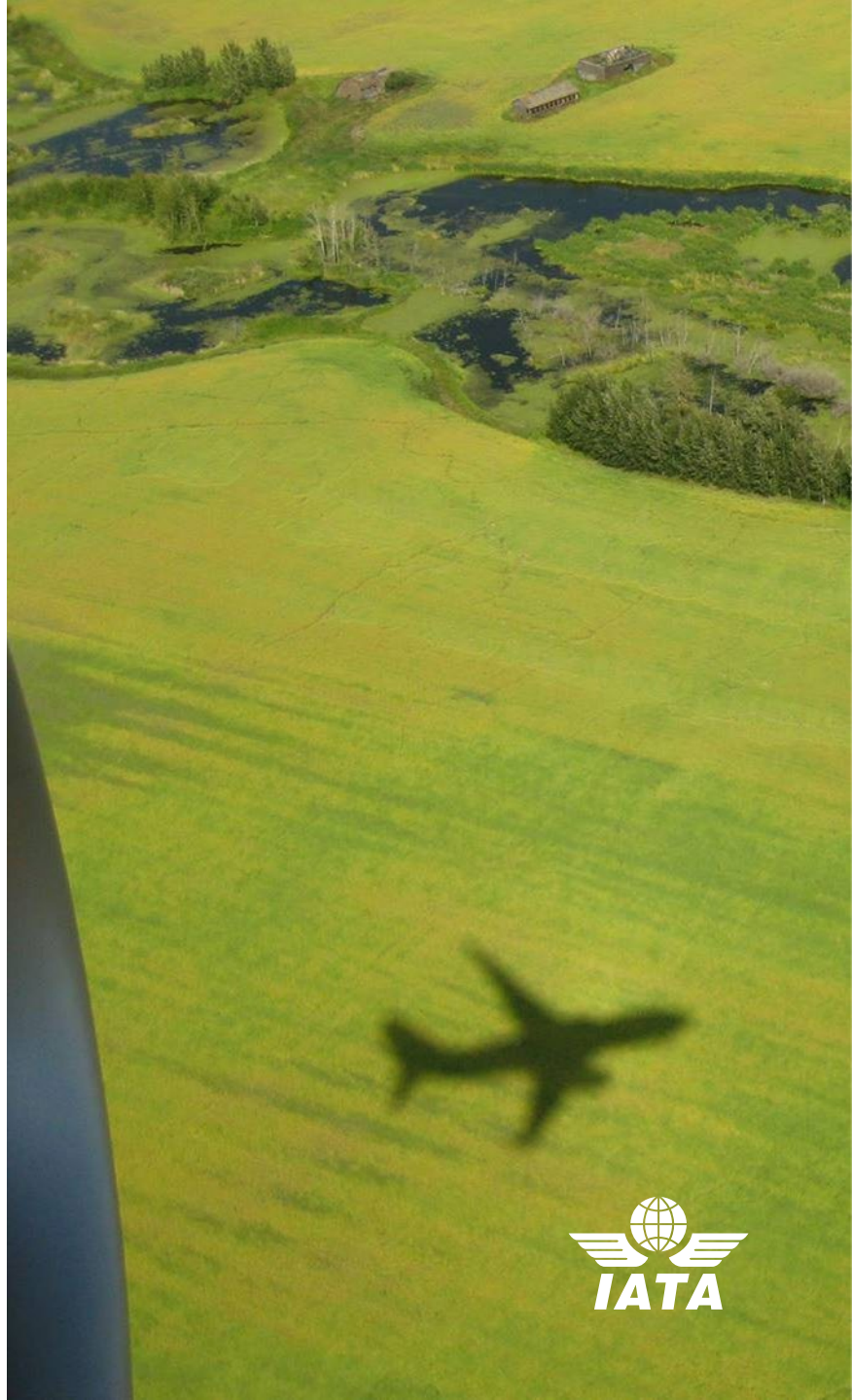
CO2 Connect

CARGO CO2 CALCULATOR

Solution Details

CO2 emissions calculator for **air cargo** shipments, using **primary data from airlines**.

- ✓ An IATA-led program developed in close collaboration with industry partners such as **Smart Freight Centre** to support global consistency in CO2 emissions display.
- ✓ Aligned with the latest **industry standards**, such as IATA RP1678, the ISO14083, and Smart Freight Centre's GLEC Framework 3.2
- ✓ First CO2 emissions calculator to account for SAF
- ✓ Alignment between the passenger and cargo calculators



CONFIDENTIAL THIS PRESENTATION CONTAINS IATA PROPRIETARY INFORMATION AND IS NOT TO BE DISCLOSED FURTHER.
CO2 Connect Presentation, © International Air Transport Association (IATA) 2025. All rights reserved.

Unrestricted

120 Airline Advocates

IATA CO2 Connect

*Airlines who have signed the IATA CO2 Connect agreement

EUROPE

- Aegean
- Aero4M
- Air Astana
- Air Baltic
- Air Corsica
- Air Europa
- Air Serbia
- Amelia
- ASL Airlines France
- Azerbaijan Airlines
- Azores Airlines
- British Airways
- Chair Airlines
- CMA CGM Air Cargo
- Corsair
- Euroairlines
- EL AL
- Freebird Airlines
- Finnair
- Galistair
- HiFly
- Iberia
- Iberia Express
- Icelandair
- KM Malta Airlines
- LOT Polish Airlines
- Luxair
- Olympic Air
- Pegasus
- Plus Ultra
- Privilege Style
- SAS
- SAS Connect
- SATA Air Acores
- SkyUp Airlines
- SpringJet
- TUS Airways
- Vueling
- World2Fly

oneworld

Alliance-wide commitment in Dec' 2023

NORTH-ASIA

- Cathay Pacific
- China Airlines
- Eva Airways
- Greater Bay Airlines
- Hong Kong Airlines
- MIAT Mongolian Airlines
- STARLUX Airlines

AMERICAS

- AeroMexico
- AeroMexico Connect
- Alaska Airlines
- Azul Brazilian Airlines
- Atlas Air
- Avianca Cargo
- Clicair
- Delta Air Lines
- Estafeta
- GOL Linhas Aereas
- Hawaiian Airlines
- Horizon
- LATAM Airlines Brasil
- LATAM Airlines Colombia
- LATAM Airlines Ecuador
- LATAM Airlines Group
- LATAM Airlines Paraguay
- LATAM Airlines Perú
- MAS Air
- Polar Air Cargo
- SKY Chile
- SKY Perú
- Volaris

+ major-size airline

AFRICA & MIDDLE EAST

- Airlink
- ASKY Airlines
- Egyptair
- Eswatini Air
- Ethiopian Airlines
- Gulf Air
- Kenya Airways
- Nile Air
- Oman Air
- Precision Air
- Royal Air Maroc
- Royal Jordanian
- Saudia Group
- Riyadh Air
- RwandAir
- TAAG Angola Airlines
- Qatar Airways

ASIA-PACIFIC

- Air India
- All Nippon Airways
- Batik Air Indonesia
- Batik Air Malaysia
- Cebu Pacific
- Firefly
- Japan Airlines
- Lion Air
- Malaysia Airlines
- PAL Express
- Philippine Airlines
- Royal Brunei Airlines
- Scoot
- Singapore Airlines
- SriLankan Airlines
- Super Air Jet
- Thai Airways
- Thai Lion Air
- Vietnam Airlines
- Virgin Australia
- Wings Air

IATA

IATA CO2 Connect for Cargo: How does it work

1 Data Contribution

Airlines share fuel burn and belly cargo data through IATA EcoHub, the access point for airlines' sustainability data management, reporting, and compliance

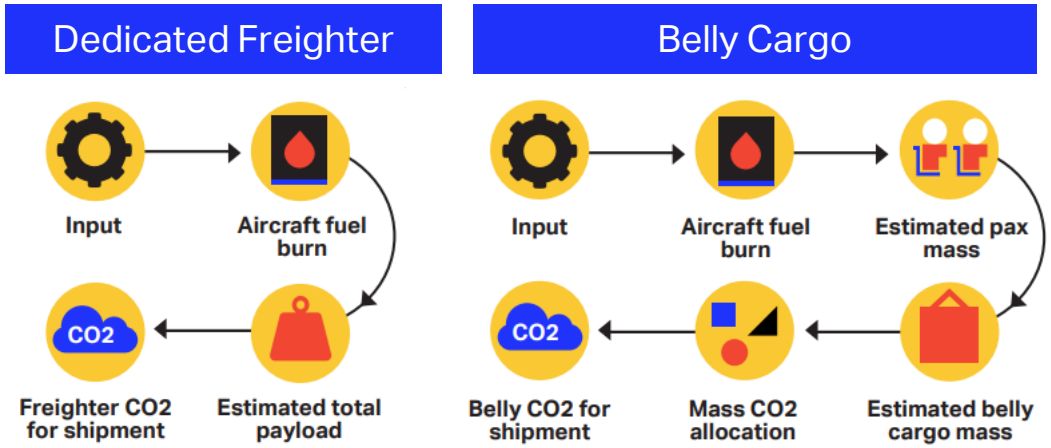
2 Data Integration

IATA integrates the data into IATA CO2 Connect, the industry-approved CO2 emissions calculation tool for CO2 emissions calculations



3 Data Distribution

IATA works with travel industry partners to distribute CO2 Connect, ensuring standardized and accurate emissions data display across the travel value chain



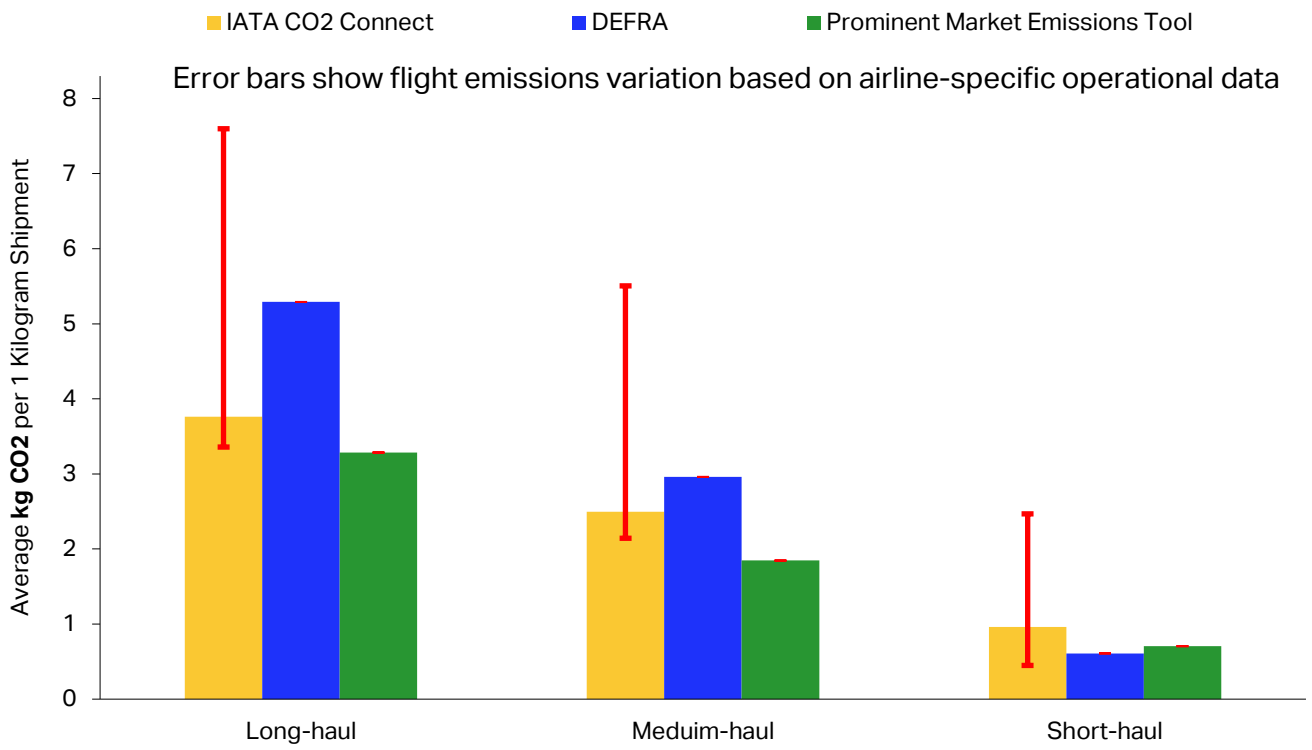
CO2 Connect returns the **$kgCO_2$/shipment** for a given airline and aircraft type combination

CONFIDENTIAL THIS PRESENTATION CONTAINS IATA PROPRIETARY INFORMATION AND IS NOT TO BE DISCLOSED FURTHER.
CO2 Connect Presentation, © International Air Transport Association (IATA) 2026. All rights reserved.

Unrestricted

Impact of primary airline data on CO2 emissions

CO_2 (TTW) per kg shipment – same routes, different results



Average emissions per 1 kilogram shipment from various calculators for all scheduled freighters operating turnaround flights on the same select route in Q1 2026. For comparison, the original calculator emissions estimates were recalculated using the tank-to-wake emissions factor of 3.16.

Main take-aways

Why do CO2 emissions calculators give different results?

1. Different methodologies
   - Modelling approaches for fuel burn and assumptions on load factors
   - ➢ **Leads to different baseline results across tools**
2. Different data inputs
   - Generic averages (applied across industry vs.
   - **Airlines-specific operational data**

What makes CO2 Connect for Cargo unique?

- Uses real airline data:
  - Fuel burn per airline and aircraft type
  - Actual airline cargo load factors
  - ➢ **Captures true operational variability**

Unrestricted

Data access and consumption channels for CO2 Connect for Cargo



API

- User gets direct access to an API (Request/Response).
- Mandatory details: operator, origin, destination & shipment weight.
- Optional details: Flight number & flight date. This makes the query faster and provides more accurate results.
- API can be called for up to 4 flight segments at a time



Flat File

- Data comes in a .csv file, delivered via API (Request/Response).
- Covers 60M flights, up to 12 months in the past and 3 months in the future.
- Based on OAG and FR24 data.

Unrestricted

How it's used:

CARGO CO2 CALCULATOR

Pre-Shipment Estimates

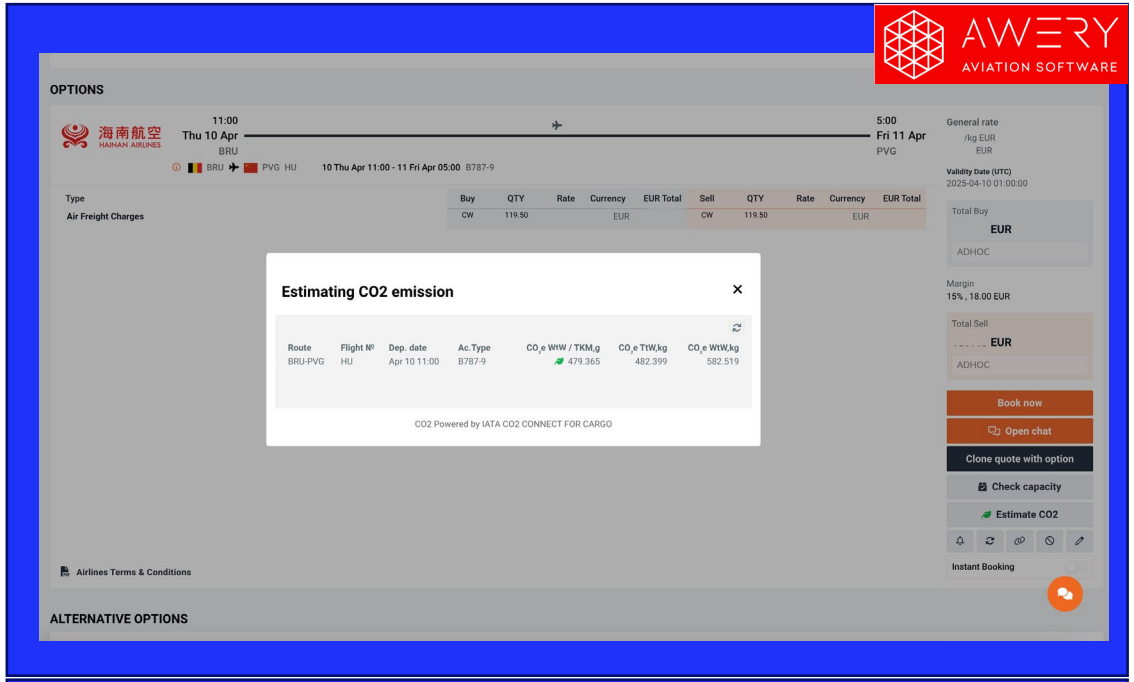
Displayed during booking or quote requests to help users understand emissions before shipment.

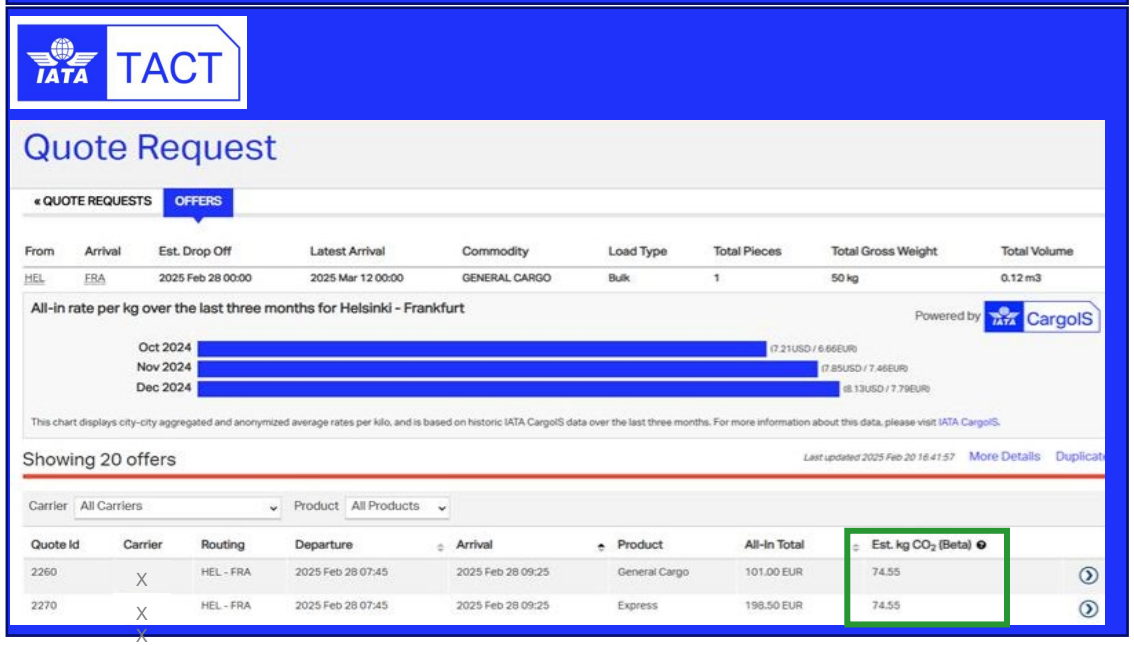
Fleet Efficiency Insights

Provides data on aircraft and operator efficiency to support decisions on SAF purchases and low-emission options.

Post-Shipment Reporting

Used for regular emissions tracking - monthly, quarterly, or annually - for sustainability reporting and carbon accounting.





Unrestricted

CO2 Connect

CARGO CO2 CALCULATOR

CO2 Connect for Cargo is now live!

Tested by more than **20 pilot customers**, such as Maersk and Microsoft, **CO2 Connect for Cargo** has been launched as of **January 2026**, with **Awery** being the first signing customer

Interested to access a data sample? Get in touch!

iata.org/co2-connect/cargo

co2datasolutions@iata.org

IATA

Smart Freight Centre

Thank you for your attention!



co2datasolutions@iata.org

IATA CO2 Connect

IATA WEBINAR

CADO SAF Registry



Kristýna Matoulková
Manager SAF Registry
IATA

CADO
Civil Aviation
Decarbonization
Organization

CADO SAF Registry

Credible system facilitating SAF Book & Claim

Kristyna Matoulkova - SAF Registry Manager

What is CADO SAF Registry?

170+
Organizations onboard

A global, neutral system facilitating SAF Book & Claim. Developed by IATA, managed by CADO.

*Tracks SAF environmental attributes after they are decoupled from the physical fuel. Enables their claiming under **regulatory** obligations and **voluntary** schemes **by airlines and their customers**.*

AVAILABLE TO:



SAF Producers



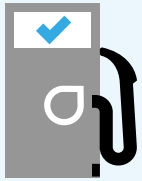
Aircraft Operators



Freight Forwarders



States



SAF Suppliers



Shippers/Corporates



Intermediaries



Auditors

CADO Civil Aviation Decarbonization Organization SAF Registry

Why to use it?



Enables Scope 1 and 3 SAF Emissions Reductions

- Helps to expand market access beyond geographical borders and facilitates easier SAF cost sharing by facilitating book & claim



Credible & Verifiable (No Greenwashing)

- Reduces the risk of double counting or double claiming, provides full traceability and auditability
- Every claim is unique and registry-backed



Compliance Ready

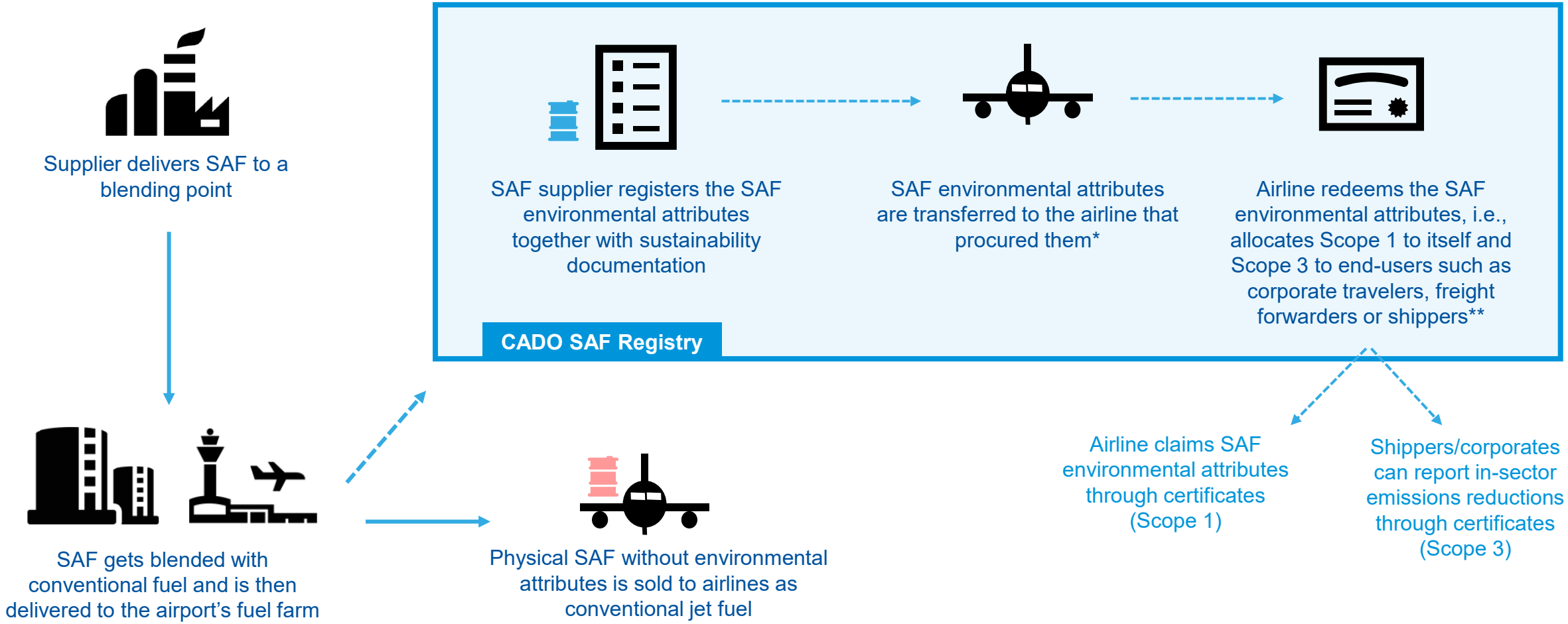
- Generates reports for corporate disclosure, automatic CORSIA Eligible Fuel reports, provides State accounts, invite your own auditor



Free and easy

- The registry is free of charge for all users, onboarding takes five minutes

How it Works - Example Transaction

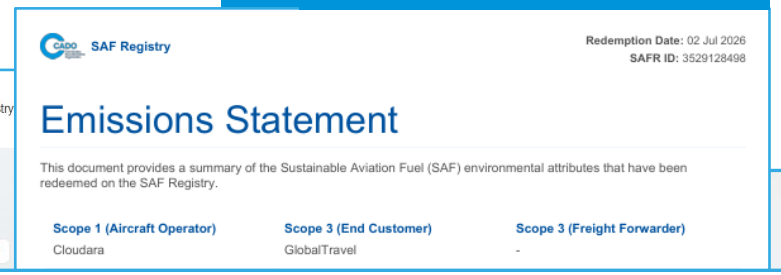


* Commercial transactions take place outside of the registry.
** Every Scope 3 claim must always be associated with a Scope 1 claim by an airline. Moreover, the claims can only happen once the physical fuel is uplifted and burned.

CADO Civil Aviation Decarbonization Organization SAF Registry

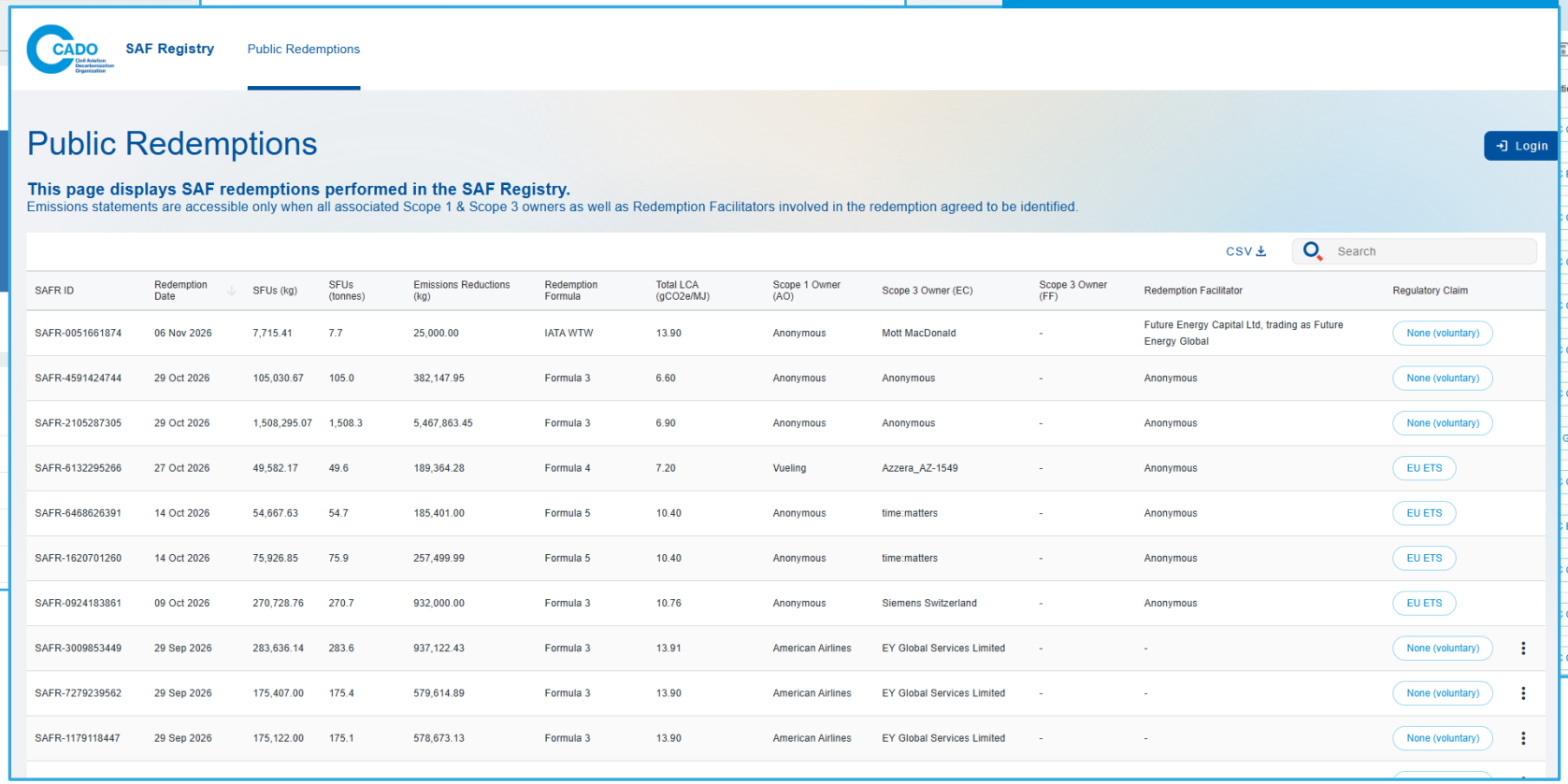
Quick Sneak Peek

Emission Statement

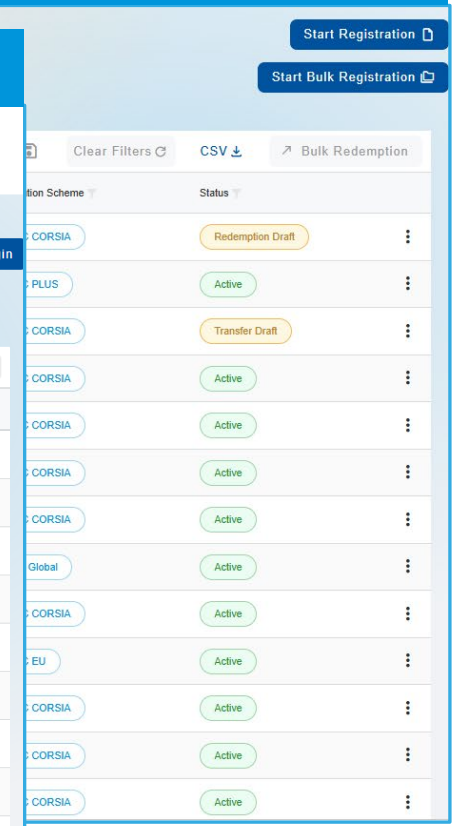




Public Redemptions Table



Comprehensive Inventory



CADO SAF Registry

Stay in Touch

BOOK A MEETING

NEWSLETTER

Create account in 5 minutes: SAFR - SAF Registry Portal
Contact: safregistry@cado.org

CADO Civil Aviation Decarbonization Organization SAF Registry

IATA WEBINAR

Environmental & Sustainability Insights



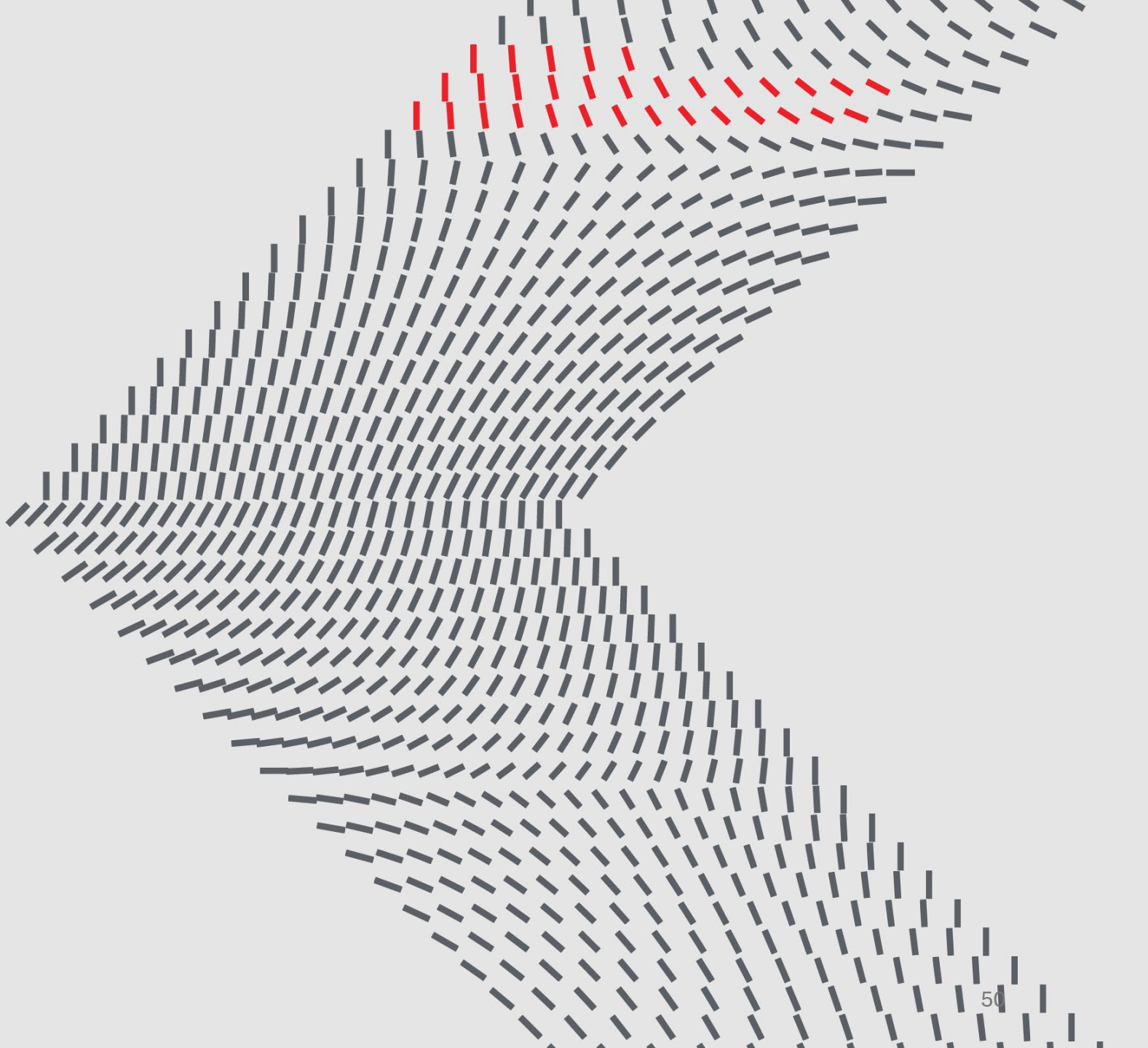
Hatem Sherif
HSE Manager
CACC Cargolinx

IATA

CACC CARGOLINX

Environmental & Sustainability Insights

- **Prepared by: Hatem Sherif – HSE Manager**
- **Prepared for: IATA Webinar – Air Cargo Sustainability – 10 November 2026**



Agenda

01 Who We Are – Corporate Overview

02 CACC Cargolinx Sustainability Journey and ESG Objectives

03 Decarbonization Initiatives and Carbon Footprint Reduction Achievements

04 Our IEnvA Journey and Environmental Management System Development

Who We Are?| Corporate Overview

Cairo Airport Cargo Company (CACC Cargolinx) is an Egyptian shareholding company founded in 1991 and is the B.O.T. owner and operator of an extended 49-year concession – ending in 2057 – in Cairo International Airport and consisting of airside and off-ramp bonded cargo terminals.

HISTORY

1991 — Founded as 'International Export Centre'

2001 — Pivoted to become the first off-ramp bonded cargo terminal in CAI

2008 — Concession granted for 'Cairo Cargo City'; company renamed as 'CACC'

2011 — Construction of Cairo Cargo City commences; Lufthansa partnership established

2016 — Operations commence in 'Cairo Cargo City'

2017-present — ISAGO, TAPA, and IATA CEIV Pharma, Fresh & Li-batt certifications attained; company rebranded as 'CACC Cargolinx'

CAI CONCESSION

c.173,300m²

CAIRO CARGO CITY

c.132,700m²

- EXPORT TERMINAL
- IMPORT TERMINAL
- EXPRESS TERMINAL

OFF-RAMP TERMINAL

c.40,600m²

- BONDED WAREHOUSING FACILITIES

CERTIFICATIONS & MEMBERSHIPS

Who We Are?| Terminals & Facilities







Terminals| Facilities are divided into Import, Export and Express Terminals with leasable Office Space

	EXPORT TERMINAL	IMPORT TERMINAL	EXPRESS TERMINAL	OFF-RAMP TERMINAL	ADMIN BUILDING
Land Area	132,700m²			40,600m²	
Total Warehouse Area	17,404m²	20,000m²	5,505m² *DHL*	9,600m² *Dry Port & General Warehouse*	-
General Cargo	5,073m²	15,500m²	-	-	-
Perishables [Temp. Control]	5,431m²	4,500m²	-	-	-
Additional Space	CLX 1,500m²	CT3 4,500m²	-	9,600m²	-
Annual Capacity	240,000 Tons	90,000 Tons	N/A	N/A	N/A
Office Space	2,838m²	2,925m²	1,677m² *DHL*	2,400m² *4 Buildings 600m² each*	3,000m²
Leased Office Space	2,688m²	2,925m²	-	-	2,400m²
Available Space for Lease	150m² *For Airlines*	-	-	-	600m²
Tenant Highlights	DSV – formerly Panalpina DHL Global Forwarding CEVA Logistics Emirates Skycargo HQ Lufthansa Cargo HQ Saudia Cargo HQ British Airways (IAG Cargo) HQ Qatar Cargo GSA Turkish Cargo HQ Etihad Cargo GSA	DB Schenker HQ DHL Global Forwarding HQ	DHL Express HQ DHL Express Warehouse	CACC Cargolinx HQ	Kuehne + Nagel Aramex Expeditors CFTI – Bollore TNT

Partners| Carriers & ADHOC Charters

CACC CARGOLINX

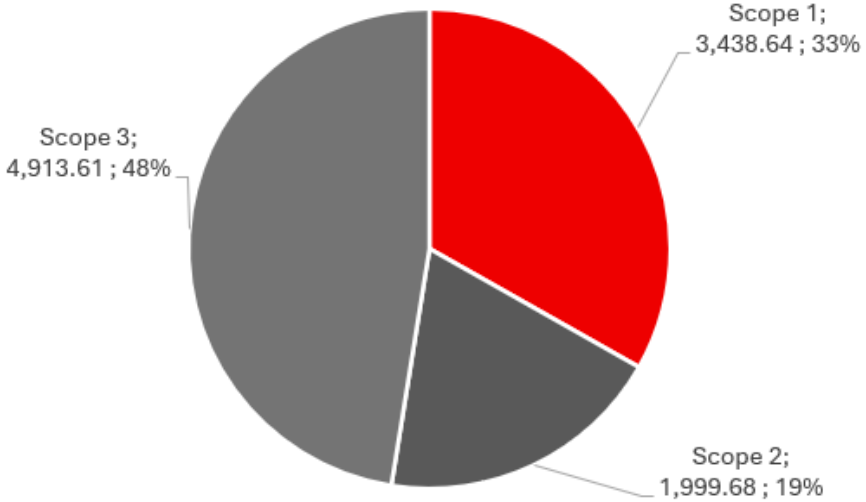
CONTRACTED CARRIERS

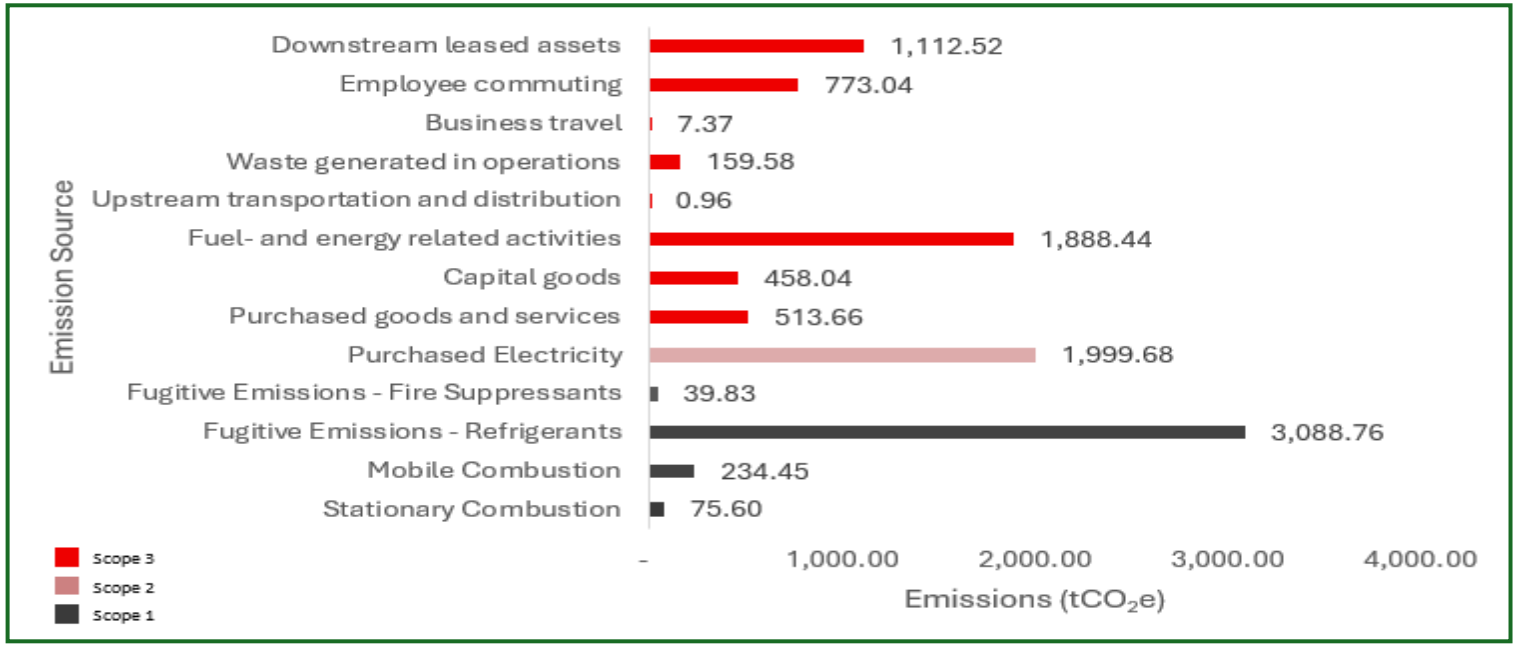


ADHOC CHARTERS

Carbon Footprint| Overview

- **In Feb 2024, CACC appointed D-Carbon (a sustainability and climate change consultant) to conduct decarbonization roadmap with the following scope:**
  - GHG Inventory of Scope 1, 2 & 3 based on GHG Protocol and SBTi requirements.
  - Near-term and long-term Science Based Targets “SBTs” for Scope 1, 2 & 3.
  - Preliminary Decarbonization Roadmap.
- **The study resulted in total GHG emissions of 10,351.94 tCO2e in Scope 1 , Scope 2 and Scope 3 emissions with the following main contributers:**
  - Refrigerants (R404A,410A used in chillers, cool rooms and cool dollies) are the largest contributor, accounting for **29.84%** of the total emissions, amounting to **3,088.76 tCO2e**.
  - Purchased Electricity follows in second place, contributing **19.32 %**, or **1,999.68 tCO2e** (2023 consumption of **5,440,130.9 kwh**), while fuel & energy related activities contribute with **1,888.44 tCO2e** of the total emissions.

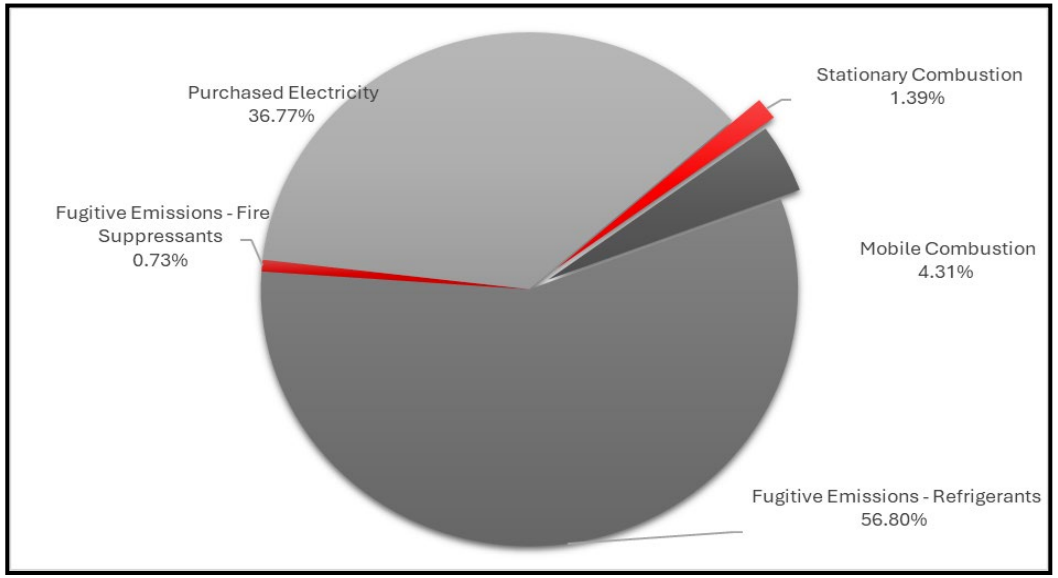




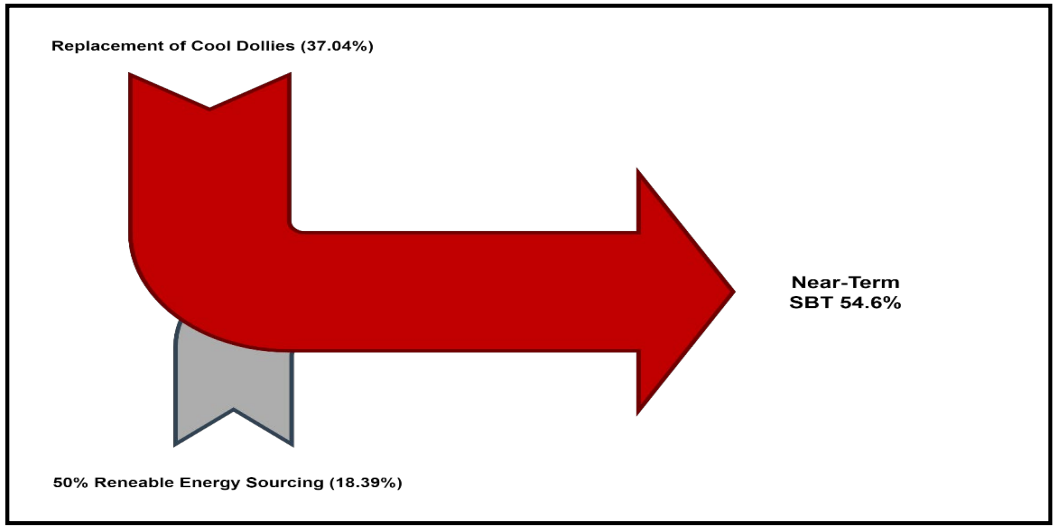
Decarbonization Roadmap| Overview

- **Decarbonization Roadmap (Short-term & Long-term):**

  - Full replacement of the old Cool Dollies causing main refrigerant leakages with new units.
  - Reduce scope 1&2 emissions by 54% by 2033 and 90% by 2050.
  - Partial replacement of purchased electricity (1,999.68 tCO2e) by green energy and Offsetting by Carbon Credits purchase & Renewable Energy Credits (RECs).
  - Replacement of Refrigerants (1,074.6 tCo2e) by lower Global Warning Potential “GWP” ones: Currently engaging with suppliers in the local market to make available alternative cost-effective refrigerant solution.
  - As for scope 3 emissions, implement waste reduction and digitalization initiatives along with supplier engagement efforts (sustainable procurement), that should contribute to total emissions reduction of 51% by 2033 and 26% by 2050.



Total Emissions of CACC Cargolinx per Type of Emission Source

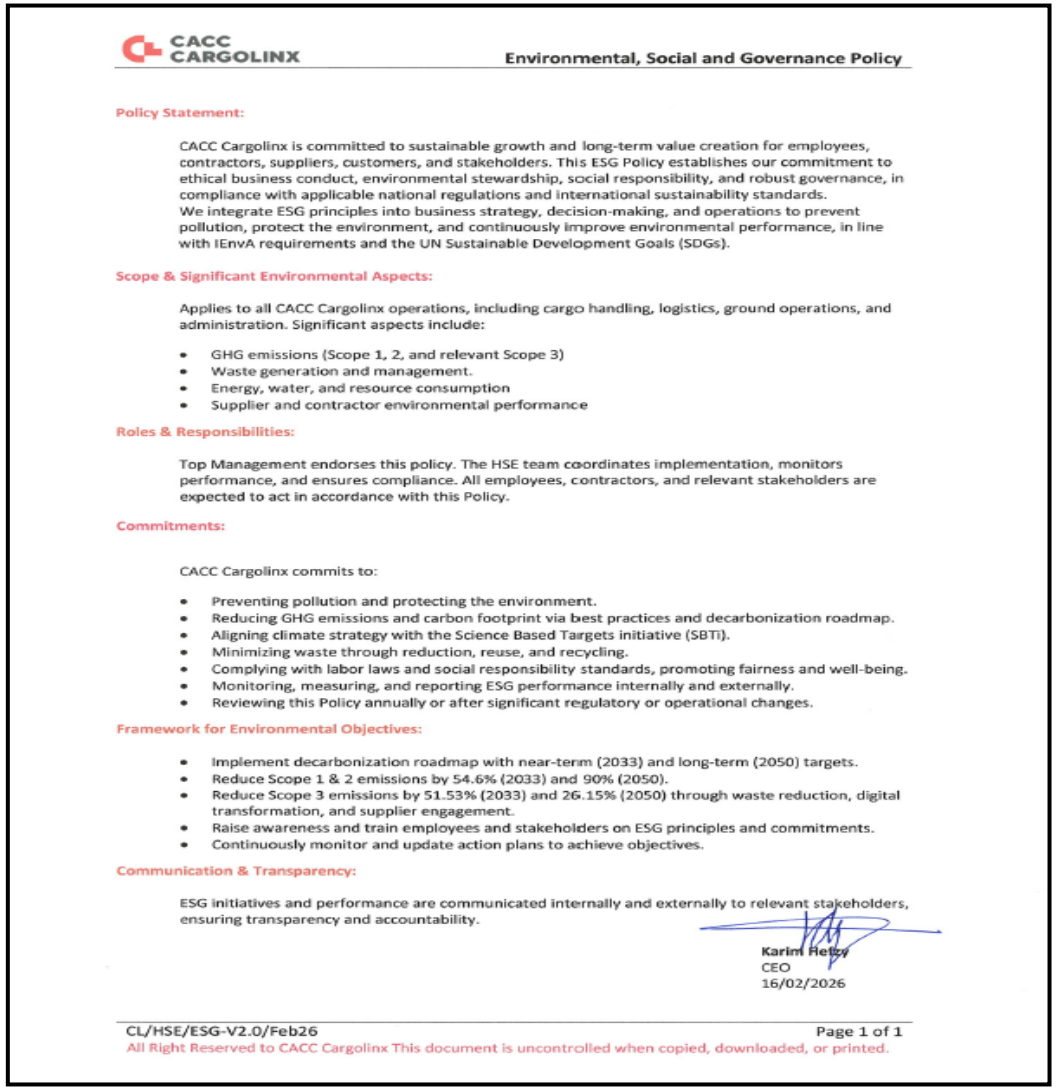


Near-Term Targets (2033) Decarbonization Actions

Decarbonization Roadmap| Progress Till Date & Way Forward

- **Decarbonization Roadmap Achievements:**

  - **Development and sign-off CACC ESG policy including commitments and objectives.**
  - **Completion of Cool Dollies replacement plan.**
  - **Implementation of Carbon Credits & RECs purchase to offset 2024 & 2025 Scope 1&2 emissions, along with public retirement & declaration.**
  - **Building our EMS & obtaining IEnvA Certification.**
  - **Quarterly & Annual reporting of ESG data to shareholders.**
  - **Improve data collection and reporting methodologies; including waste quantification & segregation per waste type.**
  - **Generation of Sustainable Procurement guidelines along with software platform for Vendors External Grievance Mechanism.**



CACC CARGOLINX

Environmental, Social and Governance Policy

Policy Statement:

CACC Cargolinx is committed to sustainable growth and long-term value creation for employees, contractors, suppliers, customers, and stakeholders. This ESG Policy establishes our commitment to ethical business conduct, environmental stewardship, social responsibility, and robust governance, in compliance with applicable national regulations and international sustainability standards.
We integrate ESG principles into business strategy, decision-making, and operations to prevent pollution, protect the environment, and continuously improve environmental performance, in line with IEnvA requirements and the UN Sustainable Development Goals (SDGs).

Scope & Significant Environmental Aspects:

Applies to all CACC Cargolinx operations, including cargo handling, logistics, ground operations, and administration. Significant aspects include:

- GHG emissions (Scope 1, 2, and relevant Scope 3)
- Waste generation and management.
- Energy, water, and resource consumption
- Supplier and contractor environmental performance

Roles & Responsibilities:

Top Management endorses this policy. The HSE team coordinates implementation, monitors performance, and ensures compliance. All employees, contractors, and relevant stakeholders are expected to act in accordance with this Policy.

Commitments:

CACC Cargolinx commits to:

- Preventing pollution and protecting the environment.
- Reducing GHG emissions and carbon footprint via best practices and decarbonization roadmap.
- Aligning climate strategy with the Science Based Targets initiative (SBTi).
- Minimizing waste through reduction, reuse, and recycling.
- Complying with labor laws and social responsibility standards, promoting fairness and well-being.
- Monitoring, measuring, and reporting ESG performance internally and externally.
- Reviewing this Policy annually or after significant regulatory or operational changes.

Framework for Environmental Objectives:

- Implement decarbonization roadmap with near-term (2033) and long-term (2050) targets.
- Reduce Scope 1 & 2 emissions by 54.6% (2033) and 90% (2050).
- Reduce Scope 3 emissions by 51.53% (2033) and 26.15% (2050) through waste reduction, digital transformation, and supplier engagement.
- Raise awareness and train employees and stakeholders on ESG principles and commitments.
- Continuously monitor and update action plans to achieve objectives.

Communication & Transparency:

ESG initiatives and performance are communicated internally and externally to relevant stakeholders, ensuring transparency and accountability.

Karim Hetzy
CEO
16/02/2026

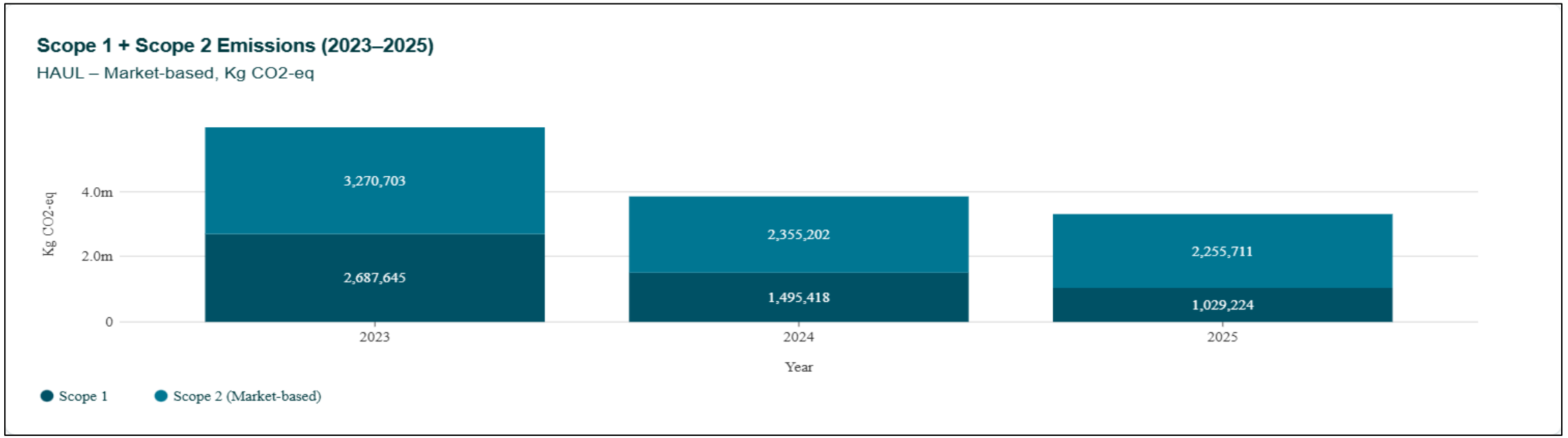
CL/HSE/ESG-V2.0/Feb26 Page 1 of 1

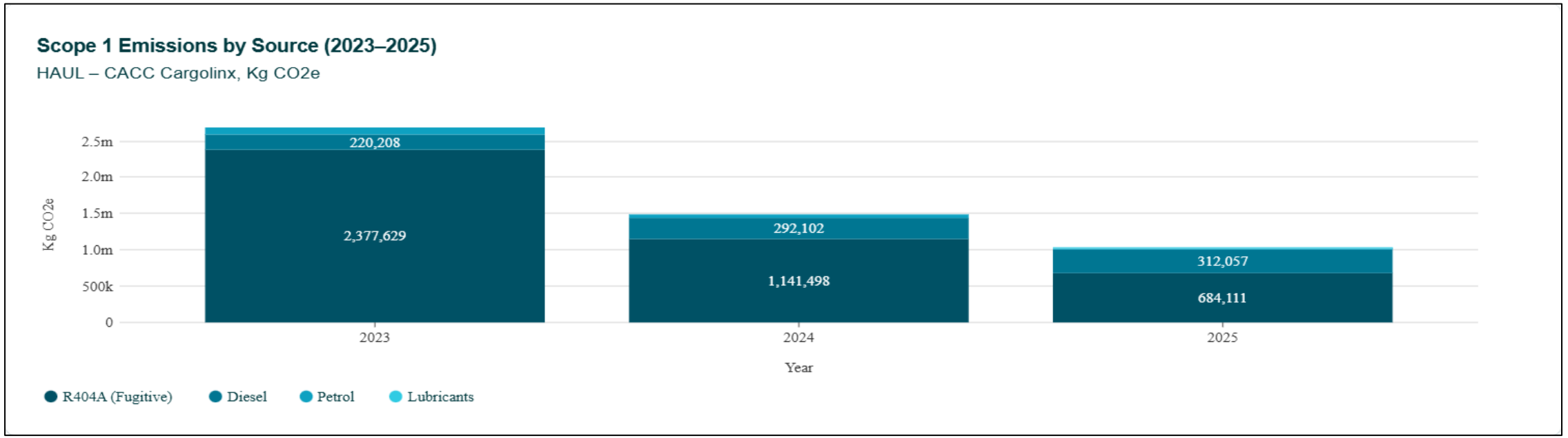
All Right Reserved to CACC Cargolinx This document is uncontrolled when copied, downloaded, or printed.

CACC Cargolinx ESG Policy

Decarbonization Roadmap| Reducing Scope 1&2 Emissions by 45% from 2023 to 2025

CACC CARGOLINX





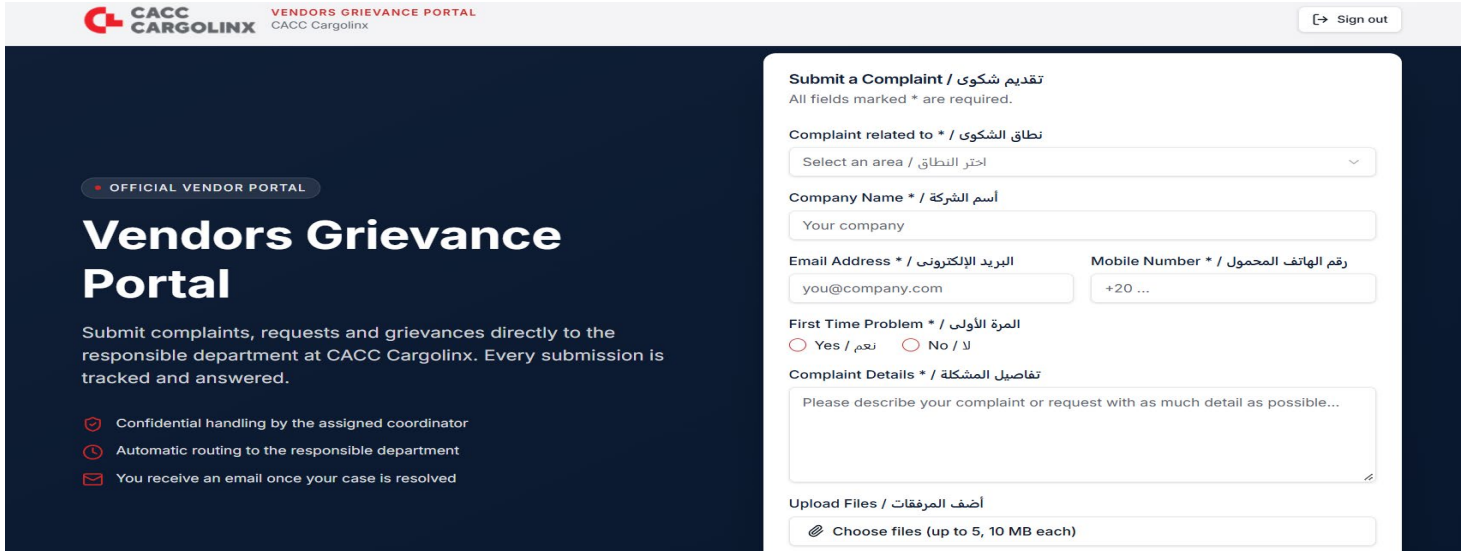
Decarbonization Roadmap| Implemented Initiatives



Cool Dollies Replacement



New Electric Equipment



Vendors Grievance Portal



Daylighting Skylights

Decarbonization Roadmap| Offsetting with Carbon Credits & Reduction with RECs

CACC CARGOLINX

VERRA

Verified Carbon Standard

Certificate of Verified Carbon Unit (VCU) Retirement

Verra, in its capacity as administrator of the Verra Registry, does hereby certify that on 18 Jan 2026, 4,921 Verified Carbon Units (VCUs) were retired on behalf of:

CACC Cargolinx

Project Name

Afforestation in cooperation with local landowners for Forestal San Pedro S.A

VCU Serial Number

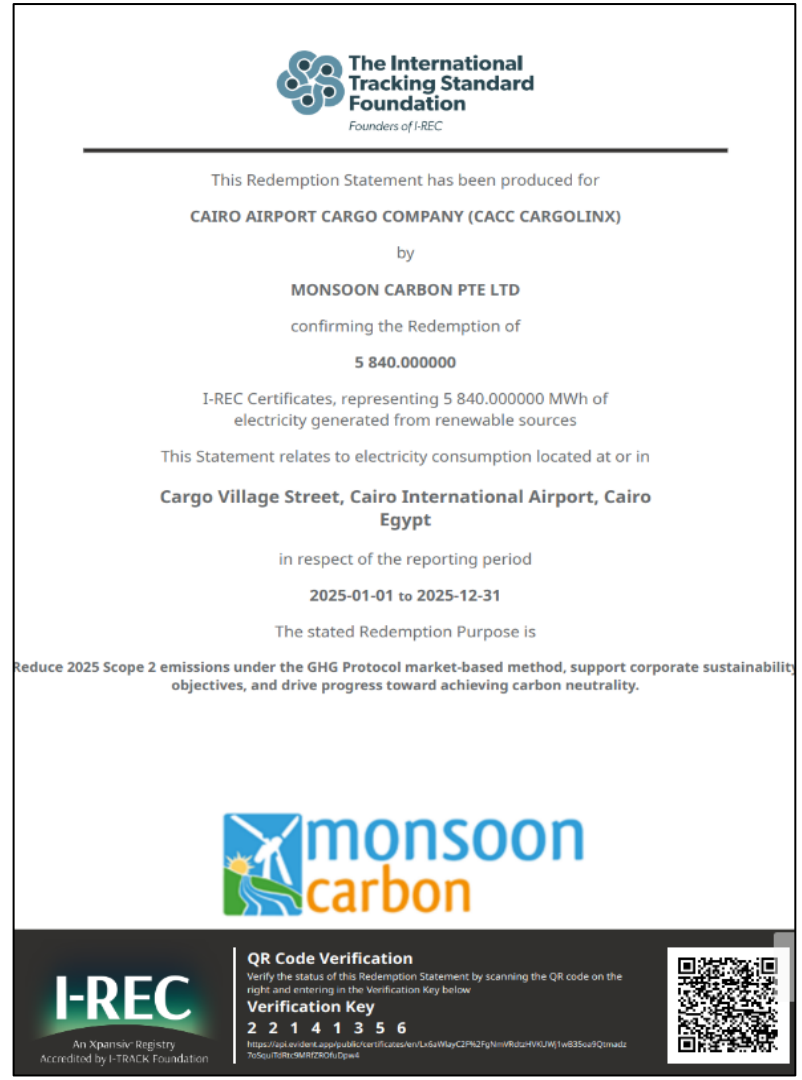
17422-830341969-830346889-VCS-VCU-291-VER-PY-14-2361-01012022-30092022-0

Additional Certifications

Powered by APX

2024 Emissions





2025 Emissions

IEnvA Roadmap| EMS Development & Implementation Plan (2025 Progress)

Objectives	Duration	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Policy	3 month												
Scope & Context	2 months												
Compliance	3 months												
Significance	3 months												
Management Plan	3 months												
Management Review	2 months												
Document Control	2 months												
Communication	1 month												
Emergency Plan	1 month												
Competency	1 month												
Internal Assessment	2 months												

Planned

In Progress

Completed

	Review		SCOPE						
	Creation Date of Entry	Last date of Entry Review	Scope *(1 Entry Only)*	Area (Highest level) *(1 Entry Only)*	Area (Mid level) *(Max ... Entries)*	Area (Low level) *(Max ... Entries)*	Activity *(Max 5 Entries)*	Region *(Max 35 Regions)*
Entry 19	29 May 2025		CORE_Cargo_Handling_Operations	CT1	Services in our hangar/warehouse	Energy use	ULD Build-up / break-down	Egypt
Entry 20	29 May 2025		CORE_Cargo_Handling_Operations	CT1	Services in our hangar/warehouse	Energy use	Loading and unloading	Egypt
Entry 21	29 May 2025		CORE_Cargo_Handling_Operations	CT1	Services in our hangar/warehouse	Energy use	ULD Handling	Egypt
Entry 22	29 May 2025		CORE_Cargo_Handling_Operations	CT1	Services in our hangar/warehouse	Energy use	Cargo screening	Egypt
Entry 23	29 May 2025		CORE_Cargo_Handling_Operations	Ramp	Airside services	Energy use	Loading and unloading	Egypt
Entry 24	29 May 2025		CORE_Cargo_Handling_Operations	Ramp	Airside services	Energy use	Loading and unloading	Egypt
Entry 25	29 May 2025		CORE_Cargo_Handling_Operations	CT2&CT3	Services in our hangar/warehouse	Energy use	Cargo storage	Egypt
Entry 26	29 May 2025		CORE_Cargo_Handling_Operations	CT2&CT3	Services in our hangar/warehouse	Energy use	Cargo storage	Egypt
Entry 27	29 May 2025		CORE_Cargo_Handling_Operations	CT2&CT3	Services in our hangar/warehouse	Energy use	Cargo storage	Egypt

Control | Cargo Handling Input | Cargo Handling DATA | Cargo Handling Compliance | General DATA | Compliance DATA

IEnvA Roadmap| EMS Development & Implementation Plan (2026 Final)

Objectives	Duration	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Policy	2 month												
Scope & Context	2 months												
Compliance	2 months												
Significance	2 months												
Management Plan	2 months												
Management Review	3 months												
Document Control	4 months												
Communication	3 month												
Emergency Plan	2 months												
Competency	4 month												
Internal Assessment	2 months												
External Assessment	2 months												

Planned In Progress Completed

IEnvA Roadmap| EMS Development (Progression)



سجل الحالة البيئية

شركة مطار القاهرة للشحن الجوي

CACC CARGOLINX

تقرير الحالة البيئية

شركة مطار القاهرة للشحن الجوي

(CACC Cargolinx)

سجل المواد والمخلفات الخطرة

شركة مطار القاهرة للشحن الجوي CACC

CARGOLINX

Release of National official Environmental & Waste Registers



Implement Waste Segregation Bins

IENVA Program Manual

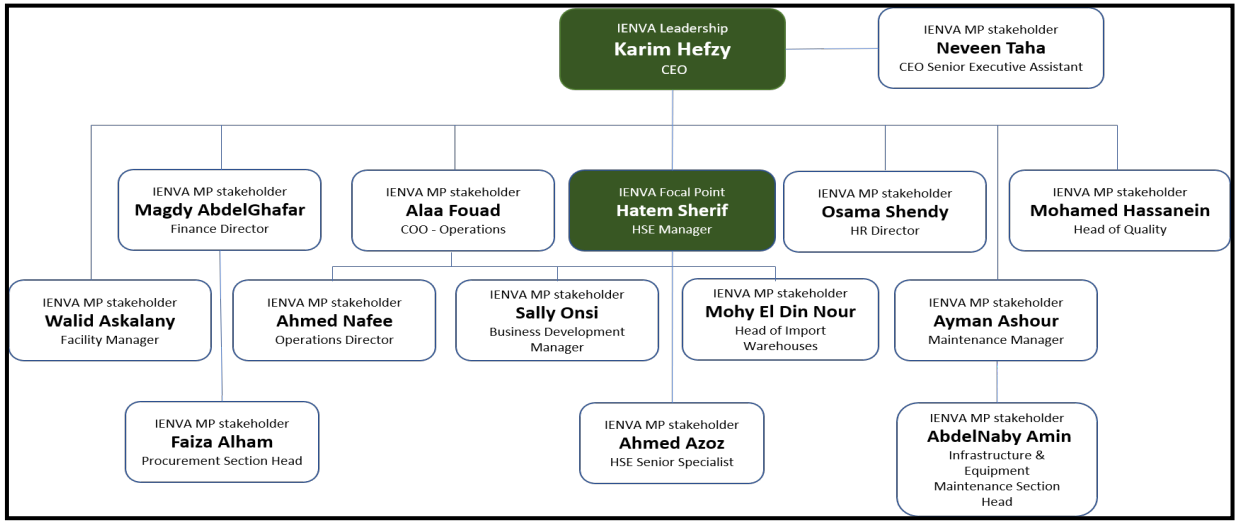
May

2026

Version 3

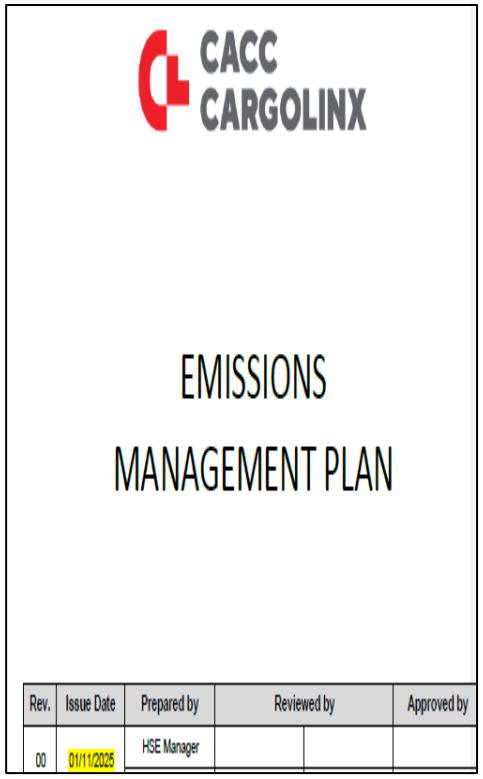
The IENVA Program Manual contains mandatory IENVA requirements in order to ensure continuously operation of environmental management system.

Development of IEnvA Program Manual



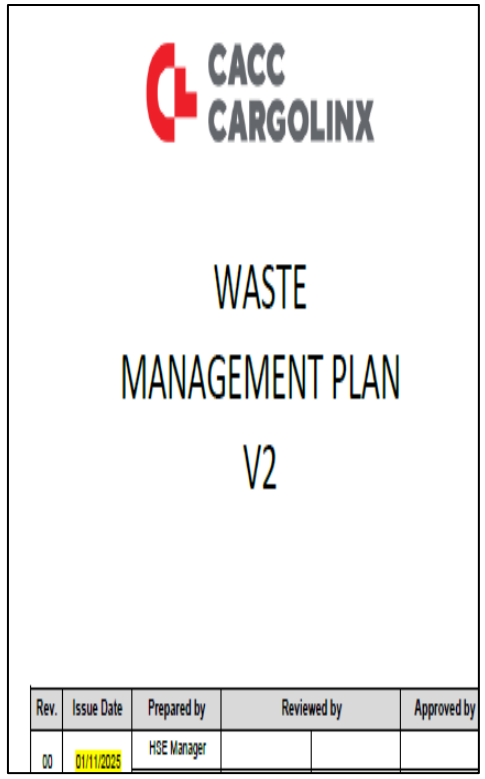
Organogram for IEnvA Stakeholders

IEnvA Roadmap| EMS Development (Progression)


CACC CARGOLINX

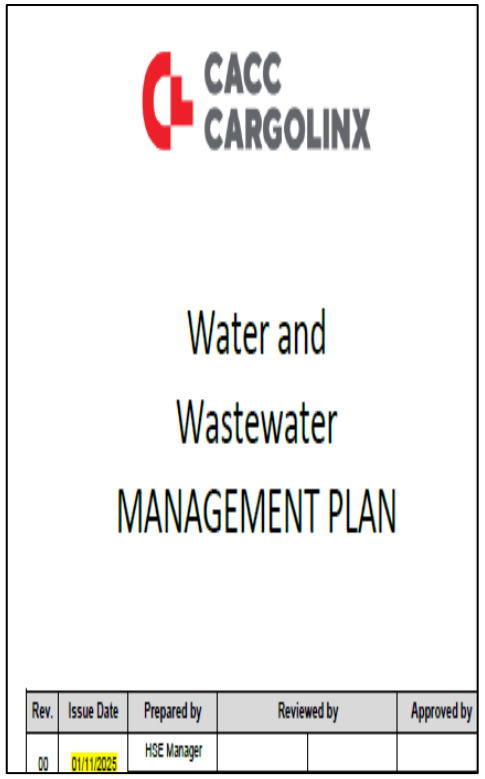
EMISSIONS MANAGEMENT PLAN

Rev.	Issue Date	Prepared by	Reviewed by		Approved by
00	01/11/2025	HSE Manager			


CACC CARGOLINX

WASTE MANAGEMENT PLAN V2

Rev.	Issue Date	Prepared by	Reviewed by		Approved by
00	01/11/2025	HSE Manager			


CACC CARGOLINX

Water and Wastewater MANAGEMENT PLAN

Rev.	Issue Date	Prepared by	Reviewed by		Approved by
00	01/11/2025	HSE Manager			

Based on the scope & context study and the generated significance results, the management plans have been developed for the 3 main pillars:

1. **Emissions**
2. **Waste**
3. **Water & Wastewater**


CACC CARGOLINX

Minutes of the IEnvA Management Review Meeting

held on 25th February 2026

Venue: CEO's Office **Sequence:** Meeting 1

Attendees

• Karim Hefzy	CACC CEO – IEnvA Leadership	In-person
• Alaa Fouad	CACC COO	In-person
• Hatem Sherif	CACC HSE Manager – IEnvA Focal Point	In-person
• Mennatullah AbdelGawad	HAH Sustainability Manager	In-person

Agenda

1. IEnvA Scope, Activities, Aspects and Impacts, Internal and External Influences and Risks and Opportunities
2. Compliance Obligation Register
3. Environmental Management Plans – Emissions, Water and Wastewater, and Waste
4. Discussion of 2026 ESG Targets and Roadmap
5. Communication Plan
6. Feedback and Suggestions

Accordingly, the Management Review meeting has been held with IEnvA Leadership to discuss the management plans in detail and agree on the implementation plan way forward.

IEnvA Roadmap| Internal & External Assessments till IEnvA Certification in June 2026

IEnvA Standards - IESM Edition 5

Instructions: As you go through each Standard place an 'X' in colulm F, G or H. If there is a Gap or Improvement Opportunity to the Standard, it will automaticvally populate in the Action Plan sheet. The Action Plan sheet provides the space to develop plans to close the gaps. If the Standard is currently met, it will populate in the Currently Met sheet. This sheet provides the space to track and outline evidance that the Standard is indeed being met.

Section	Standard Number	Standard	Evidence Required	Assessment Documented	Assessment Implemented	Assessment Assessor Notes	Document Title
	CXT 3.10 S1	b) Stakeholders and Interested Parties, c) Internal and External Influences and d) Risks and Opportunities.	Documented	Compliance	Not Applicable		Control & Influece Procedur
	CXT 3.11 S1	The Organization shall establish the expectations of its documented Stakeholders and Interested Parties.	Implemented	Not Applicable	Compliance		Control & Influece Procedur
	CXT 3.12 S1	The Organization shall identify the expectations of its documented Stakeholders and Interested Parties that it will deem as Compliance Obligations.	Documented & Implemented	Compliance	Compliance	Outputs from the Procedure & Tool are then documented in the Compliance Obligations Register	Control & Influece Procedur
	CXT 3.13 S1	The Organization shall review, and if necessary update, its a) Aspects and Impacts, b) Risks and Opportunities, c) Stakeholders and Interested Parties, and d) Internal and External Influences at least once every year.	Documented & Implemented	Compliance	Compliance		IEnvA Manual
Compliance Obligations	CMP 4.01 S1	The Organization shall document its environmental Compliance Obligations associated with its documented activities, products and services.	Implemented	Not Applicable	Compliance		Compliance Obligations Reg
	CMP 4.02 S1	For all documented Compliance Obligations, the Organization shall: a) Conduct a compliance review which indicates the Organization's compliance or non-compliance with the Compliance Obligation, or b) Document an Operational Control or Management Plan which aims to achieve compliance with the Compliance Obligation.	Documented & Implemented	Compliance	In Progress	Pending the establishment of an Internal Audit / Compliance Department responsible for conducting the internal audit, however, other departments (such as Legal and Quality) have been engaged in the development of the Compliance Obligations section of the IEnvA Manual	IEnvA Manual
	CMP 4.03 S1	The Organization shall review, and if necessary update, its Compliance Obligations at least once a year.	Documented & Implemented	Compliance	Compliance	One year has not passed yet, so implementation is not applicable at this stage; however, there is commitment to do so	IEnvA Manual
	CMP 4.04 S1	Compliance reviews shall be conducted at least once a year.	Documented & Implemented	Compliance	Compliance		IEnvA Manual
	CMP 4.05 S1	The Organization shall comply with its environmental monitoring and reporting Compliance	Implemented	Not Applicable	Compliance		IEnvA Manual

Document Control | Checklist | Standards --> | Section 1 Leadership | Section 2 Environmental Policy | Section 3 Scope and Context | Section 4 Compliance Obligation | Se

The IEnvA internal assessment was conducted in April 2026 by an independent internal auditor from our shareholder's sustainability team after obtaining IEnvA Assessor Training & Certificate.

Certificate of Registration

The International Air Transport Association (IATA) hereby certifies that

CACC Cargolinx

CAIRO, Egypt, CAI

has been successfully registered as an IATA Environmental Assessment (IEnvA) Organization, under the following IEnvA Standards:

Environment - in accordance with the requirements of ISO 14001:2015 Edition 1

For the following activities:
Corporate Activities, Cargo Handling and Equipment Preparation, Maintenance

Willie Walsh
Director General, IATA

Certification ID: IENVA-014-IE-2026
Issue date: 01 June 2026
Expiration date: 01 June 2028

This document has been issued as a ceremonial certificate as of the date of issue and does not constitute conclusive proof of certification and good standing. Official certification status is found on IATA ONE Source at https://onesource.iata.org

Upon the completion of the External Assessment in April and the following CAR process in May, the IEnvA certification was successfully obtained and communicated on the 1st of June 2026.

Next Steps| Way Forward After IEnvA (ISO 45001 & ISO 14001 Integrated Management System Certification) (Ongoing)

Stage 1 Audit Overview

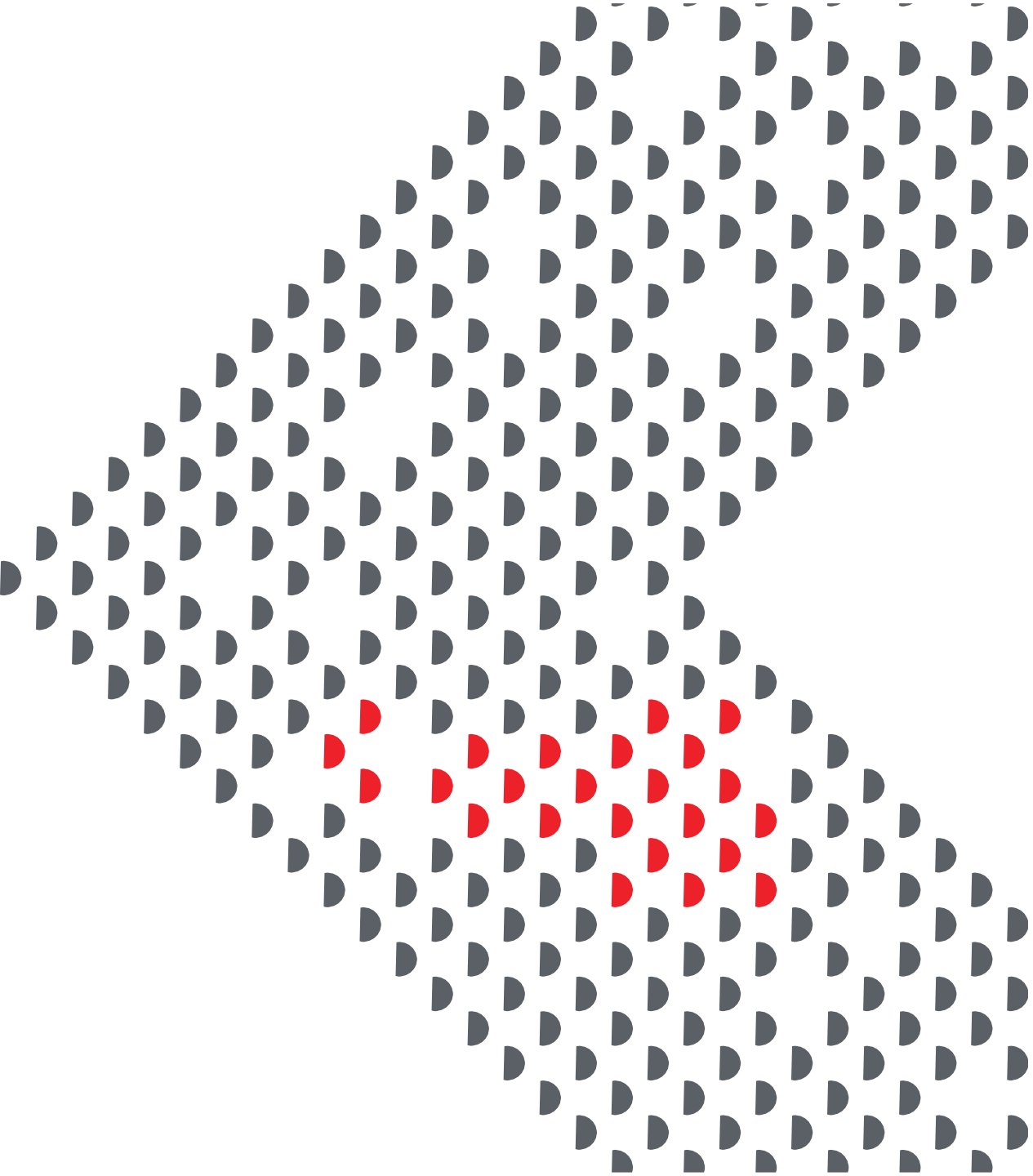
STANDARDS	ISO 45001:2018 & ISO 14001:2015 (Integrated, High level of integration)
CONTRACT NO.	EG/CAI/391715
AUDIT DATES	05–06 August 2026
AUDIT TEAM	Ahmed Hosny (Team Leader), Emad Hamdi (Auditor), Youssef Medhat (Expert)
SITE	Cargo Village St, Cairo International Airport
SCOPE	Cargo handling service provider

OVERALL CONCLUSION

Ready for Stage 2

Site conditions adequate • Internal audits & management reviews performed • Certification scope appropriate

2	8
Critical Findings	Non-Critical Findings



CACC CARGOLINX

Thank You!

Q&A

IATA WEBINAR

Q&A



Hatem Sherif
HSE Manager
CACC Cargolinx



Patricia Varela
Manager Cargo
Innovation and Efficiency
IATA



Kristýna Matoulková
Manager SAF Registry
IATA



Oscar Leon Sanchez
Product Manager
Environment and
Sustainability
Certifications
IATA



Alina Ispas
Senior Product
Manager, CO2 Data
Solutions
IATA



Alina Fetisova
Regional Cargo
Manager Europe,
Middle East and Africa
IATA

IATA WEBINAR

Survey feedback

