Envirotainer°

Cooling the Cold Chain
Advancing our Climate Journey

Sustainability Report 2023

Overview

ENVIROTAINER AT A GLANCE

For a sustainable future

We are the global market expert in delivering life-saving pharmaceuticals through patient-safe, reliable, and efficient cold chain solutions, at speed and scale around the world. We are paving a path to a sustainable future.

ABOUT US

Envirotainer is on a journey to revolutionize the cold chain solution industry. Our aim is to support pharmaceutical companies in their mission to ensure global access of medicines to patients and to push boundaries of science. We provide the best-in-industry temperature-controlled solutions to transport pharmaceuticals around the world. These pharmaceuticals save lives and enhance the quality of lives, for millions of patients worldwide. Our dedication to safeguarding these goods during transport has far-reaching environmental benefits. Protecting products from damage not only ensures the well-being of patients, but also reduces waste and mitigates emissions from additional reproduction and redistribution.

OUR VALUE CHAIN

Every day, together with our partners, we help our customers deliver around 2 million doses of medicines and vaccines all over the world. With almost 40 years of industry leadership and a truly global presence, Envirotainer has built the world's largest fleet of 8,000 containers, enabling us to provide unmatched scale and superior quality to meet customers' need for innovative solutions — available from any location to any destination. Through our expansive global ecosystem of network stations, airlines, and forwarders, we ensure that medicines are securely preserved and temperature-controlled, adhering to strict regulations and best practice sustainability standards.
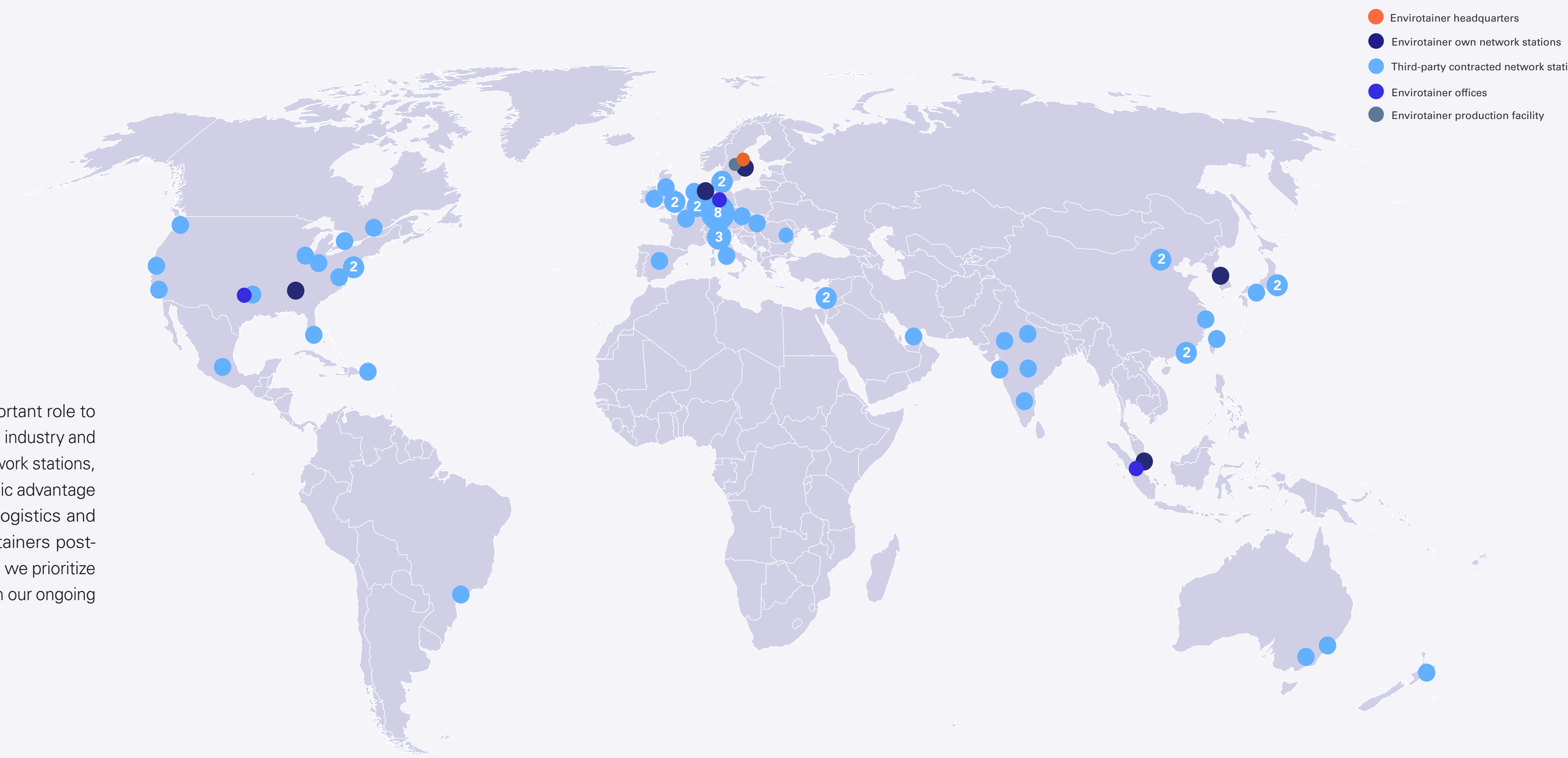
Our purpose is to enable global access to biopharmaceuticals, for the benefit of all.

ENVIROTAINER AT A GLANCE

Our world of influence

As a global company, Envirotainer has an important role to play in reducing emissions across the cold chain industry and beyond. Thanks to our global network of 66 network stations, we can reach all parts of the world. The strategic advantage of our extensive network lies in optimizing logistics and minimizing the transportation of empty containers post-shipment. With the largest fleet in the industry, we prioritize one-way shipments globally, a crucial element in our ongoing commitment to decarbonize our operations.

- Envirotainer headquarters
- Envirotainer own network stations
- Third-party contracted network stations
- Envirotainer offices
- Envirotainer production facility

LARGEST FLEET IN THE INDUSTRY	GLOBAL STAFF PRESENCE	WORLDWIDE LOGISTICS COVERAGE	GLOBAL NETWORK	INDUSTRY LEADING SOLUTION
8,000 ULD containers	**20** countries	**3,300** trade lanes and 300 airports	**66** Envirotainer network stations around the world	**Releye® RAP** has the lowest CO_2e footprint of all solutions in the industry

A WORD FROM OUR LEADERS

Driving impact

As we reflect on our sustainability journey, we are pleased to share that Envirotainer is thriving in its commitment to sustainable practices. Our sustainability strategy is focused on where we believe we can make the biggest impact for our company, stakeholders, and society.

The year 2023 presented us with unprecedented global events that inevitably impacted our operations. The conflicts in Ukraine and Israel disrupted parts of our network station operations, testing our resilience. At the same time, the world grappled with the aftermath of the COVID-19 pandemic and major inflation, adding another layer of challenge to our operational landscape. While challenges persist, we are proud of our ability to adapt and respond effectively.

Over the past year, our innovative Releye RAP has witnessed an increase in demand from the industry, highlighting its importance in supporting the industry with sustainable cold chain solutions.

The coming together of Envirotainer and va-Q-tec's pharma business that will happen in 2024 also enables us to establish a complete portfolio of unrivalled temperature-controlled solutions for even greater access to vital pharmaceuticals. The new product portfolio will offer temperature solutions for all pharma segments and for all temperature ranges.

As we accelerate our ability to develop even better, more innovative and sustainable cold chain solutions, we aim to set higher sustainability standards. The past yearr has been characterized by meticulous planning and the establishment of our interim Science Based Targets. These targets comprehensively cover our entire business operations and a significant part of our value chain, underscoring our dedication to sustainability at every level.

Embracing a heightened sense of responsibility, we are also extending our influence beyond our own network stations. We have taken on the responsibility of guiding the broader ecosystem by implementing stringent codes of conduct, fostering a network of excellence and ethical practices throughout our value chain.

As we continue to work towards leading the cold chain solution market, we recognize that there is more to achieve, and our ambitions are grand. We're actively steering Envirotainer towards a sustainable future and we aspire not only to meet but to exceed industry standards.

I invite each one of you to join us on this collective journey. Together, we can overcome challenges, seize opportunities, and shape a future where sustainability is not just a goal but an enduring reality.

David Simonsson
CEO

A WORD FROM OUR LEADERS

Raising the bar

As we chart our course towards a net-zero future, we are committed to lead by example.

The largest share of carbon emissions for the pharmaceutical companies originates from pharmaceutical production and raw material sourcing. This underscores the critical importance of reliability and the prevention of product loss during shipment, with the help of our solutions. It is a key priority for our customers, both from an economic and climate perspective.

That's why, in 2023, Envirotainer set our sights on a bold commitment to establish Science Based Targets, a pivotal step towards aligning our climate goals with science. Throughout the year, we internally embraced the rigorous preparation and groundwork for setting and committing to our Science Based Targets. These were submitted in February 2024 and are awaiting SBTi validation. Our target consists of demanding commitments: to reduce our near-term scope 1 and 2 emissions (direct and indirect emissions from our operations) by 42% and near-term scope 3 emissions (other indirect emissions) by 52% by year 2030.

Science Based Targets provide a clear pathway for companies to set ambitious goals that contribute to limiting global warming to well below 2°C above pre-industrial levels. By adopting this, we are not only demonstrating our dedication to addressing climate change, but also positioning ourselves as leaders in the transition to a low-carbon economy. And we continue to raise the bar for sustainability, embarking on a path towards compliance with the Corporate Sustainability Reporting Directive (CSRD). This alignment will steer our efforts to reducing further emissions across our value chain, driving greater innovation in our operations, and fostering more impactful collaboration with critical stakeholders.

Sustainability is more than a guiding principle at Envirotainer. It is ingrained in our purpose and strategy, and reflected in our industry-leading solutions that continuously set the high standards. Our products are not just containers; they are symbols of reusability and recyclability, designed to ship pharmaceuticals with high efficiency per volume. We take pride in stepping up our investments across environmental, social, and governance. As industry leaders, we remain steadfast in spearheading this transition, ensuring a positive impact on our planet and the communities we serve.

Nadja Lourenço
Sustainability Lead

> "Embracing continuous improvement is at the core of our ethos, reflected in our efforts to align our emission tracking with the GHG protocol and updating the way we measure our categories. This is not just a commitment to compliance; it's a pledge to redefine our impact and inspire positive change in the realm of sustainability."

WHAT MAKES US 'US'

Our core values

At Envirotainer, our values help drive our commitment to sustainability.

These values form the strong foundation on which we perform work and conduct ourselves. They are embedded in our history and are critical to Envirotainer's long-term success. Our people bring our brand to life — enabling us to deliver sustainable impact now and tomorrow. We look to our core values that guide the decisions we make as we pursue our ambitions. We are proud of our strong culture that anchors our values and embeds sustainability even deeper into Envirotainer.

Trustworthiness

We need to stay a Trusted Partner for the pharma supply chain as we protect their important shipments

Passion

We are passionate about our quality, and to find the best solution for each customer

Agility

We strive to be an agile and flexible partner for the pharma supply chain

Team spirit

For every shipment to be successful, we need to work together as a team

2023 PROGRESS

Measuring Success

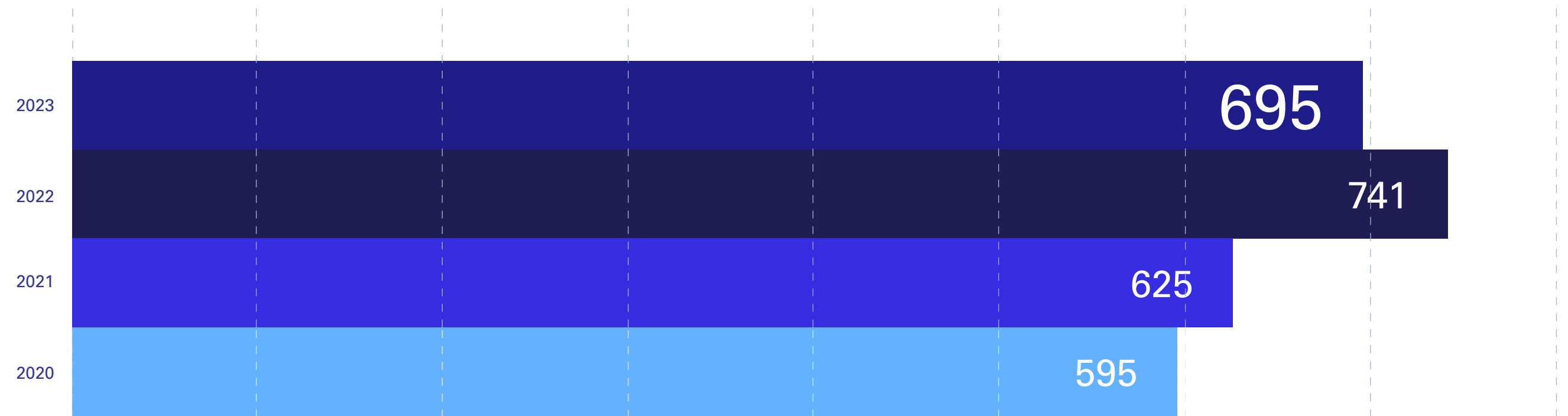## Safe and reliable access to Pharma products globally.

Our mission is to enable global access to biopharmaceutical. In collaboration with our partners in the value chain, we contribute to the distribution of approximately 2 million doses per day of essential medicines and vaccines worldwide. Our commitment to maintaining zero temperature excursions during shipments, ensuring maximum product safety, and employing robust tamper detection systems ensures world-class reliability. With an extensive global value chain network, we provide our customers with peace of mind through exceptional container availability.
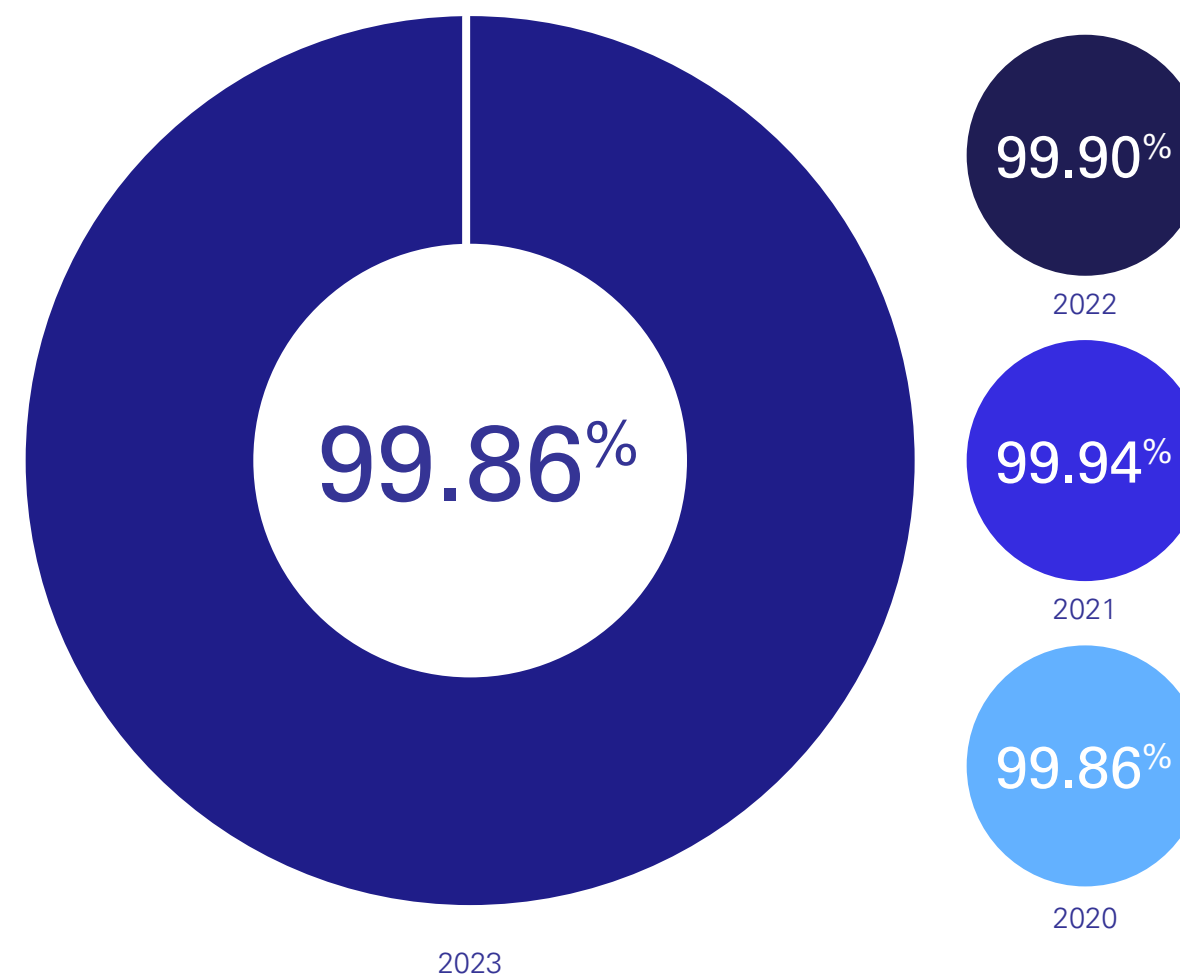
"

We are dedicated to ensuring our customers achieve their goals of safely and reliably delivering critical pharmaceuticals, while minimizing environmental impact. Our corporate KPIs not only drive our commitment to excellence but also guide us in pushing sustainability throughout our work with customers. Together, we are making a meaningful impact on global healthcare."

Yeliz Yaykan
Customer Service, Team Manager EMEA

 # OF DOSES OF PHARMACEUTICALS DELIVERED (IN MILLIONS)

Year	Doses
2023	695
2022	741
2021	625
2020	595

% OF TRIPS WITHOUT TEMPERATURE DEVIATIONS

99.86% (2023)

99.90% (2022)
99.94% (2021)
99.86% (2020)

AVAILABILITY (% OF TRIPS ON TIME IN FULL)

99.94% (2023)

98.88% (2022)
99.47% (2021)
100% (2020)
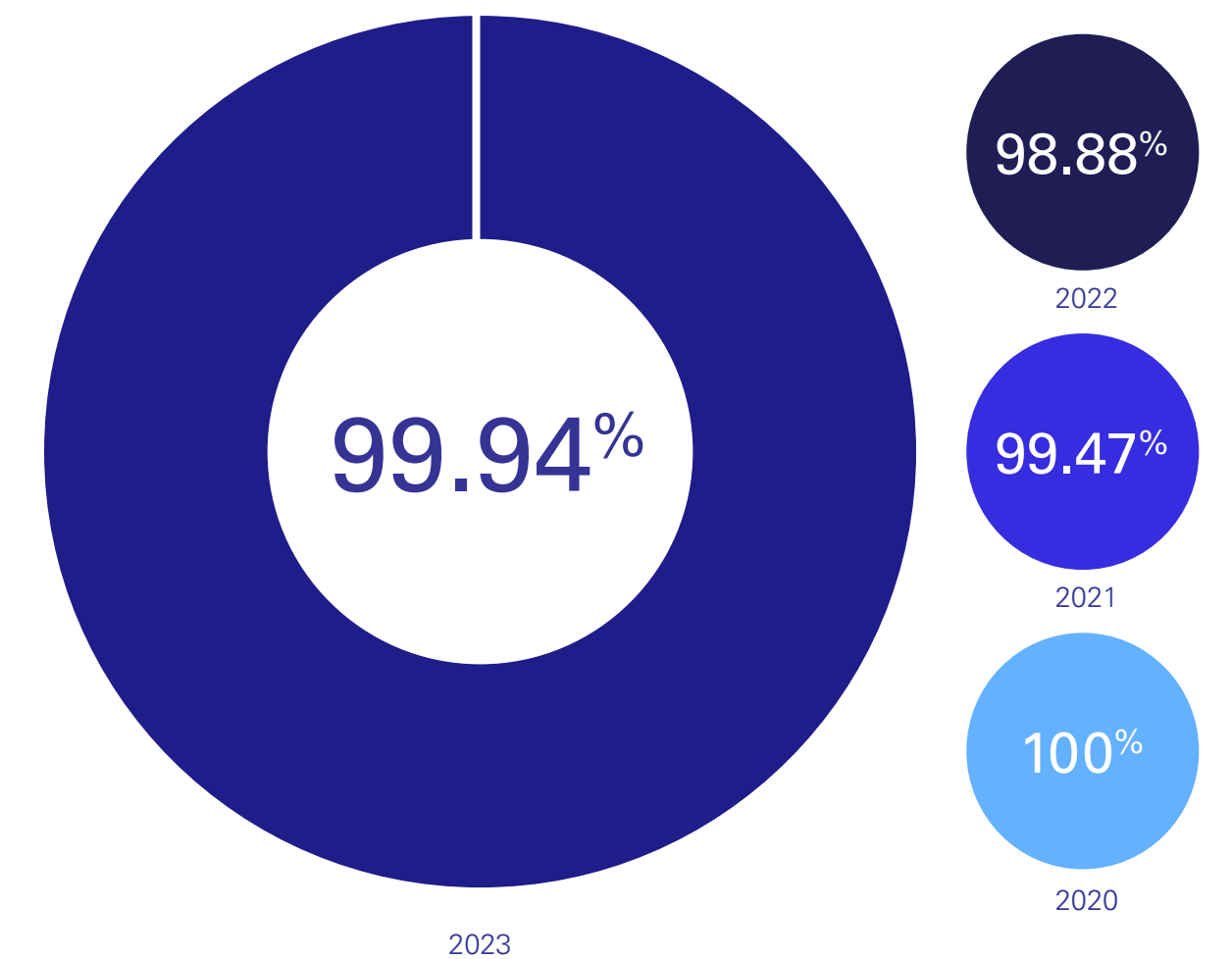
2023 PROGRESS

Key sustainability progress

695M

doses delivered in 2023

That's almost 2 million doses per day

100%

renewable energy in our production in Sweden and 95% for the Envirotainer Group

Setting our Science Based Targets and mapping our reduction roadmap,

in preparation for SBTi validation

99.86%

of containers delivered on time without temperature deviations

only

2.2%

production waste was sent to landfills, from an already low waste level

almost

100%

of our third-party contracted network stations have voluntarily signed our 2023 Supplier Code of Conduct

84%

Great Place to Work overall score, with a trust index of 79%

APPROACH TO SUSTAINABILITY

Our sustainability strategy focuses on:

Sustainable production & operations

Our foundation is a circular business model, from which we conduct business in a responsible way to the highest standard.

By 2030, our operations that fall within scope 1 and 2 of the GHG protocol should run on 100% renewable energy.

Industry-leading solutions & innovations

Our solutions are designed to lower the GHG footprint of the pharma cold chain. We strive to optimize weight, performance, and loading efficiency, while providing innovative services.

We will always ensure uninterrupted patient-safe and cross-efficient global access to pharmaceuticals.

Collaborations that transform the industry

We aim to influence our direct areas of operation through shared knowledge and joint initiatives. Together with our partners and regulatory authorities, we will promote low-emissions offerings and work towards a sustainable industry.

World-class organisation

We continuously work for an inclusive and workplace that fosters a value-driven, high-performance culture that attracts, excites, and develops top-tier talents.

SDGs:

| 12 RESPONSIBLE CONSUMPTION AND PRODUCTION | 13 CLIMATE ACTION | 17 PARTNERSHIPS FOR THE GOALS |

| 3 GOOD HEALTH AND WELL-BEING | 12 RESPONSIBLE CONSUMPTION AND PRODUCTION | 13 CLIMATE ACTION | 17 PARTNERSHIPS FOR THE GOALS |

| 3 GOOD HEALTH AND WELL-BEING | 17 PARTNERSHIPS FOR THE GOALS |

| 5 GENDER EQUALITY | 8 DECENT WORK AND ECONOMIC GROWTH |

About the UN Sustainable Development Goals (SDGs)
The SDGs were set by the United Nations and are a global call to action to tackle climate change while addressing poverty, inequality, and building a resource-efficient society. Learn more →

APPROACH TO SUSTAINABILITY

Our commitment to the SDGs

Embracing the urgency and aspirations set by the Global Agenda 2030, Envirotainer proudly aligns our sustainability strategy with the Sustainable Development Goals (SDGs). As we navigate the challenges of the pharmaceutical cold chain, our commitment extends beyond business objectives to actively contribute to global initiatives.

3 GOOD HEALTH AND WELL-BEING

Safe and reliable access to pharma products globally

- Providing reliable and efficient solutions for transporting goods to prevent temperature excursions and product tampering

- Sharing knowledge and developing new solutions with stakeholders

- Simplifing access to critical pharmaceuticals by having a broad global system of network stations

5 GENDER EQUALITY

Build a diverse and inclusive workplace that offers equal opportunities for everyone

- Preventing discrimination and improving diversity and gender mix

- Increasing the representation of women in leadership positions

- Sharing the financial success of the company through bonus programs for all employees

8 DECENT WORK AND ECONOMIC GROWTH

Have a structured approach to maintaining employee health and providing a safe working environment

- Continuously improving the employee survey results year by year

- Ensuring a safe, healthy and value-driven workplace with clearly integrated Core Values

12 RESPONSIBLE CONSUMPTION AND PRODUCTION

Promote resource efficiency within our production and operations

- Adopting a circular business model and maximizing resource efficiency to meet customer needs

- Improving production of new products and efficient usage of the containers to make them easy to repair and recycle, prolonging their lifespan

13 CLIMATE ACTION

Reduce the greenhouse gas emissions in the pharma cold chain

- Setting ambitious Science Based Targets

- Further mitigating our own emissions, from adopting renewable energy and minimizing emissions at production and network stations to efficiently using containers in a circular manner

- Decreasing emissions per dose in scope 3 through the reduction of unnecessary movement of empty containers across network

17 PARTNERSHIPS FOR THE GOALS

Champion an environmentally and socially sound supply chain and respect for human rights

- Enhancing collaboration with key stakeholders and promoting joint initiatives to develop more resource-efficient solutions

- Ensuring suppliers and employees comply with our Code of Conduct

SUSTAINABLE DEVELOPMENT GOALS

APPROACH TO SUSTAINABILITY

Setting our Science Based Targets

As pioneers in the cold chain industry, we have raised the bar higher and set our sights on long-term goals, surpassing those of many of our peers.

Committed to our interim Science Based Targets[1], ready for validation by the Science Based Targets initiative (SBTi) in 2024, we've ensured these targets encompass the entirety of our business operations and a significant portion of our value chain (93% of scope 3[2]). Our dedication extends beyond our direct control, as we aim to take responsibility for optional target for wider scope 3.

Setting Science Based Targets aligns our emission-reduction goals with climate science, as outlined in the Paris Agreement. This commitment isn't just about making promises; it's about taking tangible action to reduce our environmental impact.

To achieve these targets, Envirotainer will embark on a comprehensive approach. During 2023, we focused on building a robust foundation that aligns with the rigorous standards set forth by the SBTi. Our efforts have included assessing our emissions across all scopes, identifying reduction opportunities, and developing comprehensive plans to achieve our targets.

Intrinsic to achieving our Science Based Targets, our existing renewable energy targets support our roadmap to 2030, ensuring that our operations fall within scope 1 and 2 of the GHG protocol run on 100% renewable energy.

Our work in 2023 set us up to formally submit our targets for validation by SBTi, a significant milestone that underscores our commitment to sustainability and the fight against climate change. This validation will not only solidify our efforts but also serve as a catalyst for further action, pushing us to continuously innovate and improve.
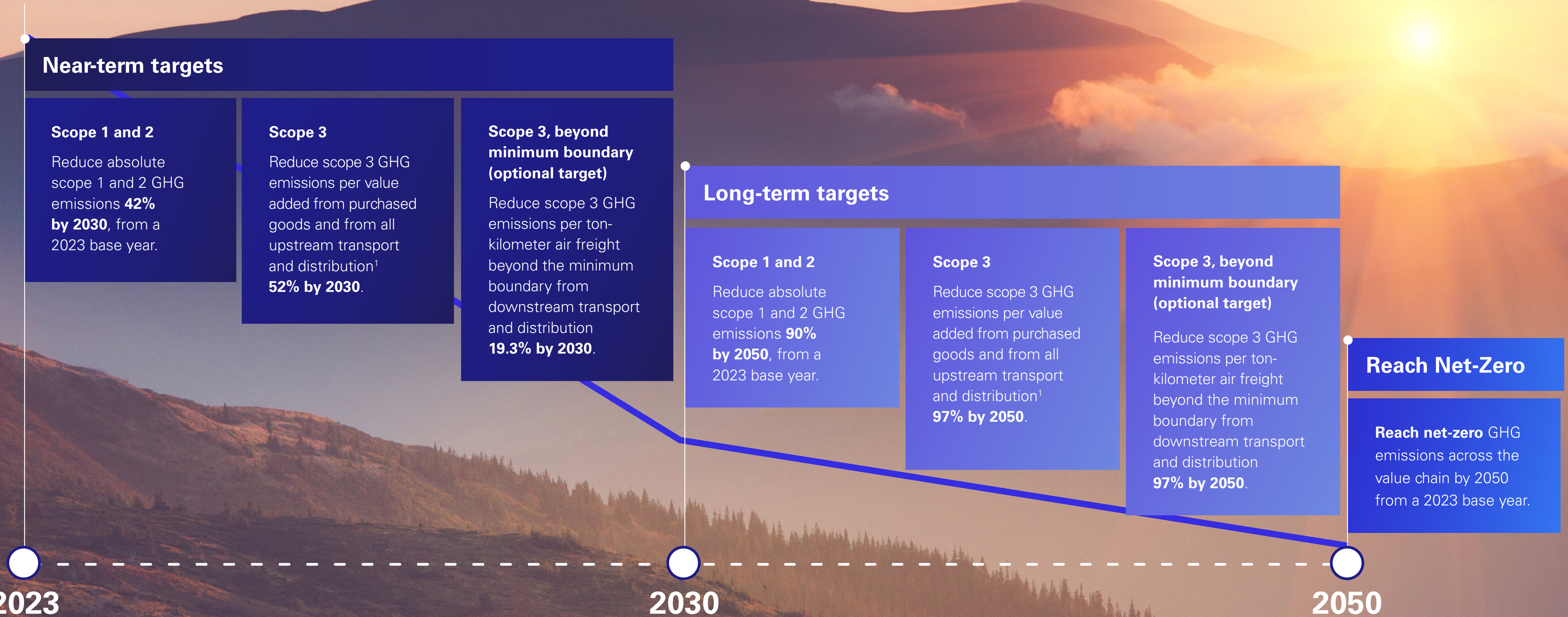
We recognize that reducing emissions requires collaboration not only within our own operations but also across our entire value chain. Therefore, we are committed to engaging with our suppliers, partners, and stakeholders to identify the most effective measures to reduce both direct and indirect emissions. Additionally, we have chosen to set an optional target for Scope 3 emissions, specifically for customer usage, demonstrating our commitment to accountability beyond our direct control.

1. Subject to change based on SBTi validation in 2024
2. Refer to p.18 for detailed scope 3 emissions explanation

Our Science Based Target Net-Zero roadmap

Near-term targets

Scope 1 and 2

Reduce absolute scope 1 and 2 GHG emissions **42% by 2030**, from a 2023 base year.

Scope 3

Reduce scope 3 GHG emissions per value added from purchased goods and from all upstream transport and distribution[1] **52% by 2030**.

Scope 3, beyond minimum boundary (optional target)

Reduce scope 3 GHG emissions per ton-kilometer air freight beyond the minimum boundary from downstream transport and distribution **19.3% by 2030**.

Long-term targets

Scope 1 and 2

Reduce absolute scope 1 and 2 GHG emissions **90% by 2050**, from a 2023 base year.

Scope 3

Reduce scope 3 GHG emissions per value added from purchased goods and from all upstream transport and distribution[1] **97% by 2050**.

Scope 3, beyond minimum boundary (optional target)

Reduce scope 3 GHG emissions per ton-kilometer air freight beyond the minimum boundary from downstream transport and distribution **97% by 2050**.

Reach Net-Zero

Reach net-zero GHG emissions across the value chain by 2050 from a 2023 base year.

2023   **2030**   **2050**

1. Non-CO₂e effects which also contribute to aviation induced warming are not included in this target.

APPROACH TO SUSTAINABILITY

Future-proofing our impact

Envirotainer is deeply committed to sustainability across all aspects of our operations, striving to maintain rigorous standards throughout our entire value chain.

We are already driving positive impact to both the planet and our business. Through the reuse of our leased cold chain solutions, we minimize product loss and maximize resource efficiency, reducing environmental impact. Additionally, we have taken proactive steps, such as conducting a 2022 material assessment according to Global Reporting Initiative (GRI). Through this report we disclosed detail materiality topics and identified key areas such as ensuring a safe and reliable access to pharma product globally and a sustainable value chain, with a focus on climate impact, and energy and resource efficiency. This actively contributes to forming the strong foundation in setting Science Based Targets, and developing a reduction roadmap.

While we take pride in our progress towards a more sustainable future, we recognize that there is still work to be done. That is why we have embarked on the path towards compliance with the Corporate Sustainability Reporting Directive (CSRD), a crucial step to enhancing transparency, accountability, and sustainability performance. As we prepare for the forthcoming CSRD legislation, we have conducted a thorough gap analysis to compare our current reporting practices with eligible requirements. We are on track in certain areas, particularly in our understanding of the product life cycle, which allows us to calculate the impact of our products more efficiently. Additionally, setting our Science Based Targets is a key step towards compliance with several climate mitigation-related disclosure requirements of CSRD. Moving forward, there is room for improvement in streamlining processes and enhancing knowledge sharing to drive continuous improvement throughout our value chain.

Furthermore, we aim to update our materiality assessment to reflect evolving standards and alignment with regulatory requirements (double materiality), enabling us to identify and address further material issues to disclose.

Sustainable production & operations

Our business footprint

We are committed to systematically reducing the carbon footprint of our business, where we exert the most control and have the greatest impact.

To adequately address our emissions sources, we must understand our base-year GHG emissions and how emissions evolve within our operations and across our value chain over time.

The Envirotainer climate footprint for 2023 is estimated to be approximately 580,092 tCO_2e (compared to 1,440,000 tCO_2e for the previous year), over 99% of which is made up of emissions from scope 3.

In setting our Science Base Targets for 2023, we opted to adjust our calculation method to ensure compliance with the SBTi requirements, aiming for a robust approach to measuring our emission reduction progress. The total emissions may appear to have a significant decrease from previous year's emissions. However, it is important to note that this reduction does not stem from changes in our activities, but a shift in methodology.

Another noteworthy change in this year's reporting is the alignment of category names with those outlined in the GHG protocol. Previously, while our calculation method followed GHG protocol guidelines, category names corresponded to our business activities. Now, we have restructured our inventory to align with the category names specified in the protocol.

OUR SCOPE 1 AND 2

Compared to our 2022 footprint, the emissions in scope 1 and 2 increased slightly. In scope 1, this increase can be attributed to higher fuel consumption for both owned and leased vehicles used in production and business travel, as well as increased use of natural gas for heating purposes.

For scope 2 emissions, while 95% of our electricity is sourced from renewable sources, there was an increase in consumption compared to 2022, leading to higher emissions in this category for the residual portion not covered by renewable electricity.

OUR SCOPE 3

As with many global companies working simultaneously with multiple cross-region suppliers, our value chain represents our biggest impact (more than 99%). When working on our emissions-reduction strategy, we aim to specifically target these two emission hotspots in our scope 3:

- **UPSTREAM TRANSPORTATION AND DISTRIBUTION**

  The emission distribution is driven by our upstream transportation and distribution, including freight to and from our production, but mainly emerges from the network balancing of our containers, the core of our business. This category accounts for 84% of our scope 3 impacts (not including the beyond minimum boundary emissions).

- **PURCHASED GOODS AND SERVICES**

  Our second largest emission source in scope 3 is purchased goods and services, where the emissions emerge mainly from the purchase of materials and spare parts used for container production. Together with some purchased services and other equipment, in total it accounts for 13% of our Scope 3 impact (not including the beyond minimum boundary emissions).

OUR SCOPE 3, BEYOND MINIMUM BOUNDARY

In line with SBTi criteria, we have separated out the downstream transportation (customer use-phase) of containers. This emission source falls outside the minimum boundary of the GHG protocol, for which we have set an optional target.

Where our emissions come from?

- **Scope 1**
  Heating of facilities, owned and leased vehicles, and refrigerant leakage emissions

- **Scope 2**
  Purchase of electricity, heating and cooling

- **Scope 3**
  Upstream transportation and distribution - network balancing, spare part logistics, incoming goods to production, and purchase of goods and services

- **Scope 3, beyond minimum boundary:**
  Downstream transport (customer use-phase) - transport of medical product and network balancing by customer

Maintaining transparency

Transparency was our top priority as we prepared our inventory for the Science Based Target initiatives (SBTi) submission.

Our emission boundary for the target-setting exercise has been the full scope 1, 2, and 3, but with the value excluding Radiative Forcing Index (RFI[1]) factor to align with SBTi requirements. Of our total within-scope emissions, we look to set targets that cover all emissions from scopes 1 and 2, together with the part of purchased goods that originate from container material and spare parts, as well as all emissions from upstream transportation and distribution (together accounting for 93% of scope 3). When expressing the total percentage for our long-term targets, we will cover 100% of scope 1 and 2 by targets, along with 93% of scope 3 from the mentioned categories.

Additionally, we have an emission source that falls beyond the minimum boundary of the GHG protocol, the downstream transport (customer use-phase) of containers by customers. Regular Science Based Targets cannot be set on emission sources outside the minimum boundary. To extend the ambition of our targets and go above and beyond expectation as a market leader, we look to set an optional target for this emission category — where emissions originate from aviation transport of containers while leased to our customers. This value is also presented both with and without RFI to align with the requirements.

UPDATES TO OUR NUMBERS

A pivotal initiative undertaken in 2023 was the meticulous preparation of our greenhouse gas calculations to meet the stringent criteria outlined by the Science Based Target initiatives (SBTi). In this endeavour, we honed in on our primary emission hotspot: the air transportation of containers. This entailed a comprehensive review of our calculation method, with a specific focus on refining two key parameters: the RFI and the load factor.

RADIATIVE FORCING INDEX (RFI)

When calculating emissions from aviation, the non-CO_2e effects related to emitting fossil fuels at high altitudes must be considered. While the existence of these effects is undisputed, their magnitude remains uncertain in scientific discourse. To address this, we made a strategic decision to transition from utilizing an RFI 2.7 to employing an RFI 1.9. This adjustment reflects our commitment to aligning with industry best practices while maintaining transparency and accuracy in our emissions reporting.

LOAD FACTOR

Another critical parameter influencing emissions from air transportation is the load factor of the trip. The degree to which the plane is filled determines the emissions attributed per ton transported on the aircraft. Previous assessments had assumed a very low load factor for the aircraft used. To rectify this, we have revised our approach, adopting an average load factor of 74% – a representation of the typical industry standard today. This adjustment ensures a more precise reflection of our emissions footprint, accounting for the realities of our operational practices.
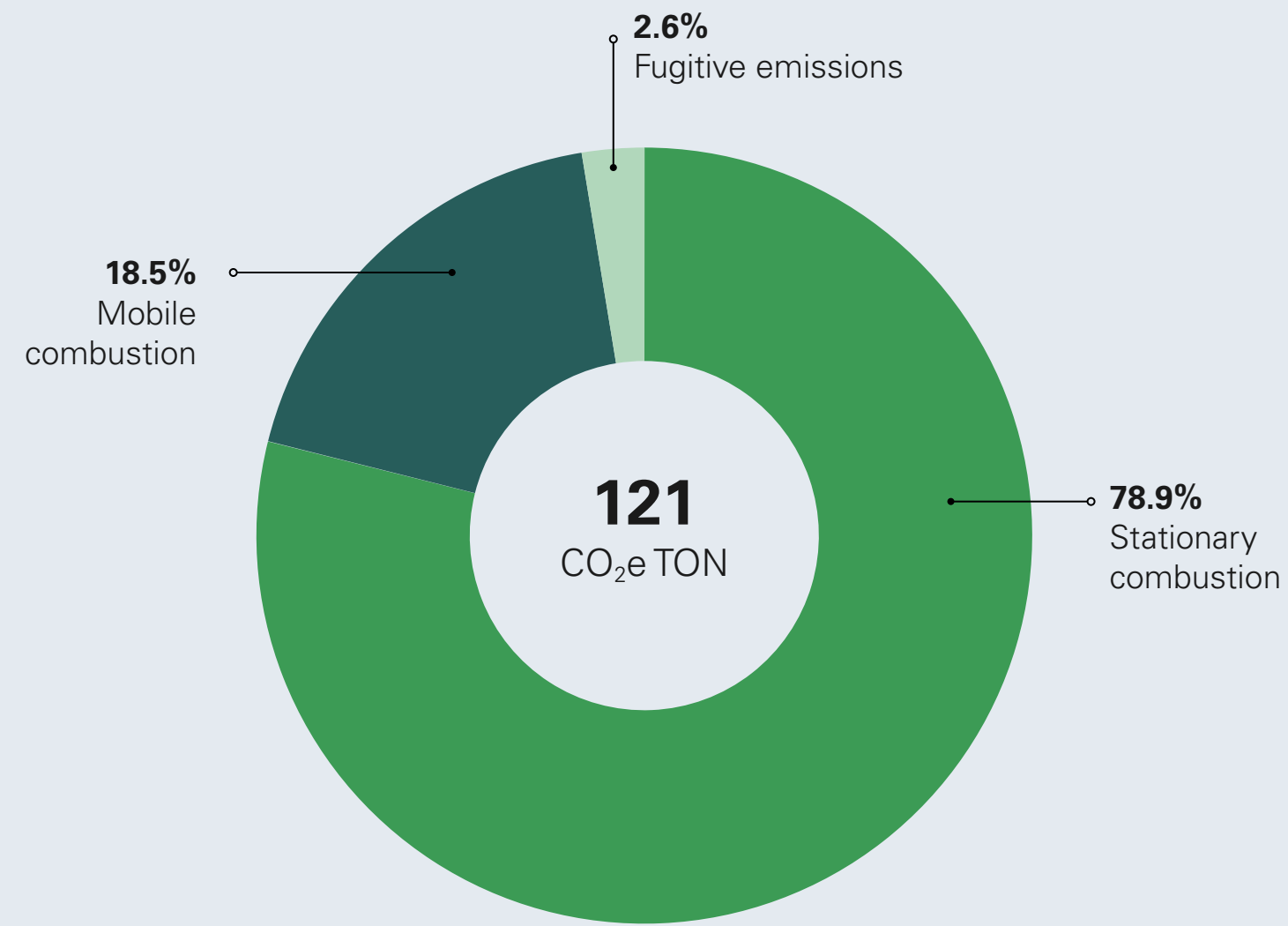
OUR CARBON FOOTPRINT CALCULATION 2023

GHG protocol category	tCO$_2$e
Scope 1: Direct energy use per primary source	**121**
Stationary combustion	95
Mobile combustion	22
Fugitive emissions	3
Scope 2: Indirect energy use per primary source (market-based)	**108**
Electricity market-based[1]	101
Heating and cooling	7
Scope 3: Other indirect emissions	**102,385**
Purchased goods and services	12,952
Purchased container material and spare parts	10,868
Other purchased goods and services	2,084
Capital goods	559
Business travel	1,363
Employee commuting and teleworking	797
Upstream transportation and distribution (T&D)	86,336
Network balancing	83,484
Spare part logistics	1,020
Incoming goods to production	1,832
Waste generated in operations	106
Upstream leased assets	41
Downstream leased assets	148
Fuel and energy-related activities	83
Scope 3 – beyond minimum boundary	**477,479**
Downstream transport (customer use-phase)	477,479
TOTAL within scopes	**102,614**
TOTAL outside minimum boundary	**477,479**
TOTAL within scopes used in SBT setting (excluding RFI)	**62,077**
TOTAL outside minimum boundary used in target setting (excluding RFI)	**274,649**

1. RFI is a multiplier that takes account of the extra gases emitted to the atmosphere when you fly at altitude, which are greater than burning fossil fuels at ground level. Scientists estimate the impact is between 1 and 4 times greater. The value with an RFI of 1.9 was derived from a load factor that more accurately corresponds to Envirotainer's operational practices.

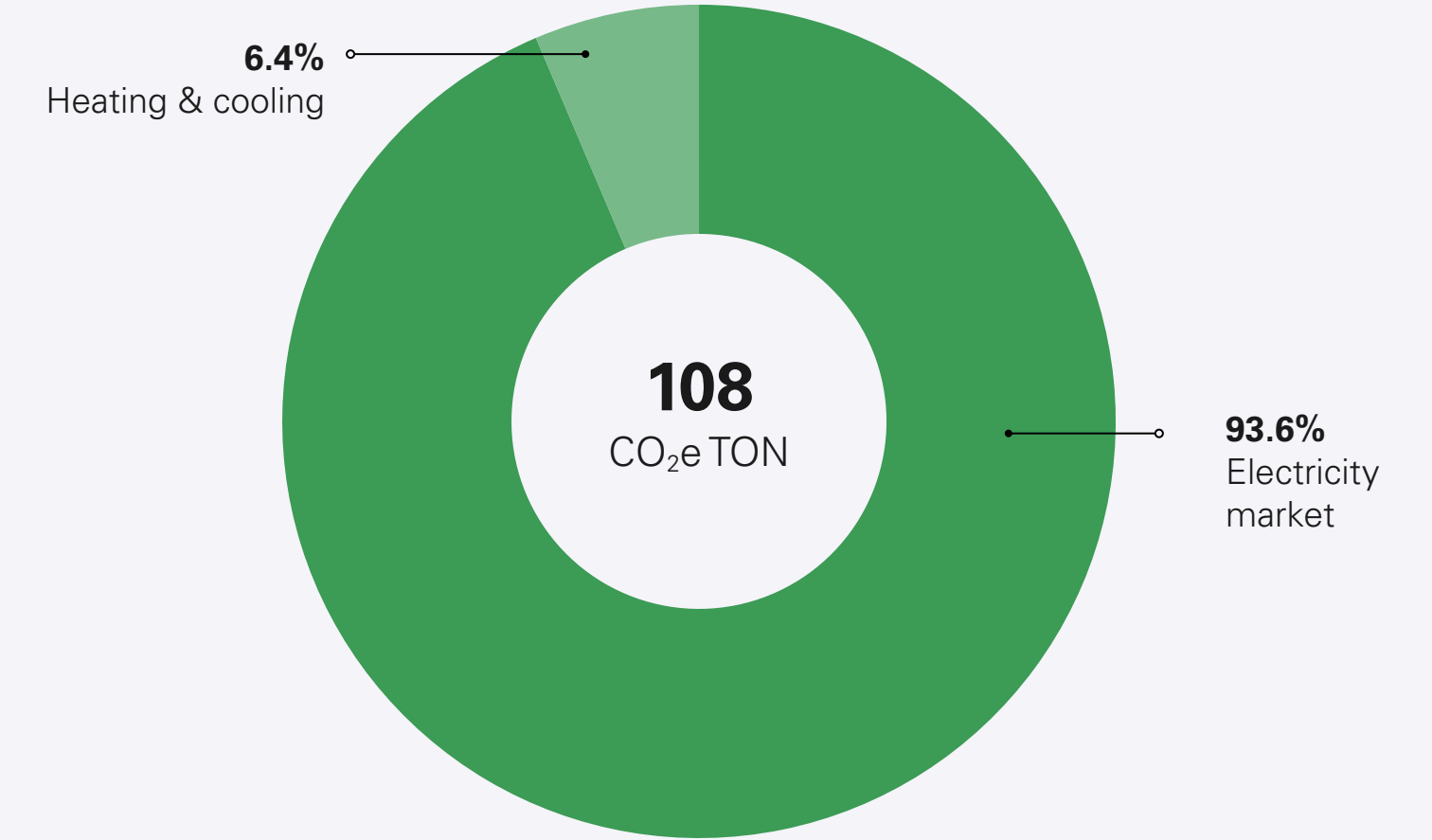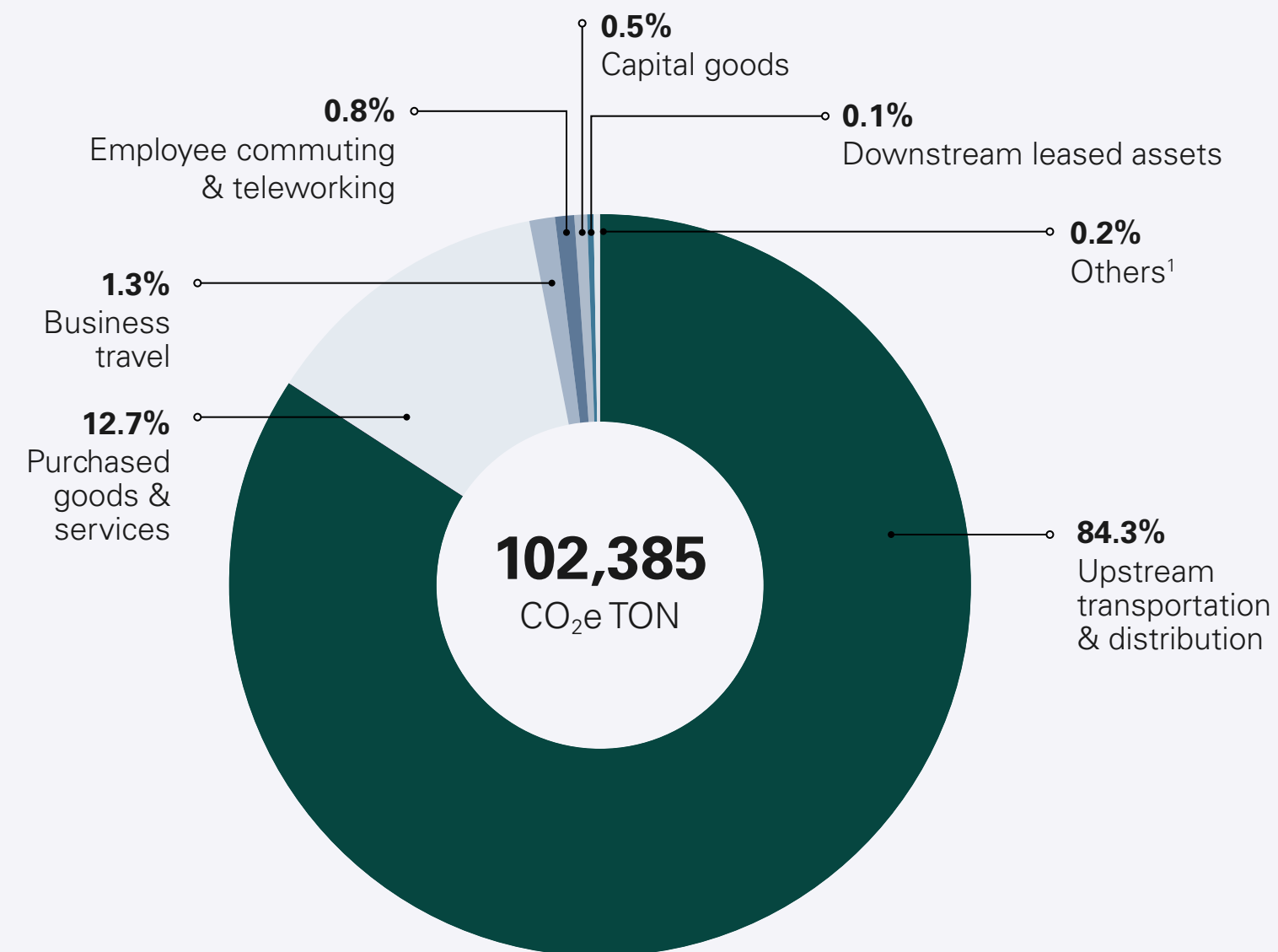1. Electricity location-based is 326.50

Scope 1
Direct emissions

2.6%
Fugitive emissions

18.5%
Mobile
combustion

121
CO_2e TON

78.9%
Stationary
combustion

Scope 2
Indirect emissions

6.4%
Heating & cooling

108
CO_2e TON

93.6%
Electricity
market

Scope 3
Indirect emissions
value chain

0.5%
Capital goods

0.8%
Employee commuting
& teleworking

0.1%
Downstream leased assets

0.2%
Others[1]

1.3%
Business
travel

12.7%
Purchased
goods &
services

102,385
CO_2e TON

84.3%
Upstream
transportation
& distribution

**Scope 3, beyond
minimum boundary**
Downstream transport
(customer use-phase)

100%
Customer use-phase

477,479
CO_2e TON
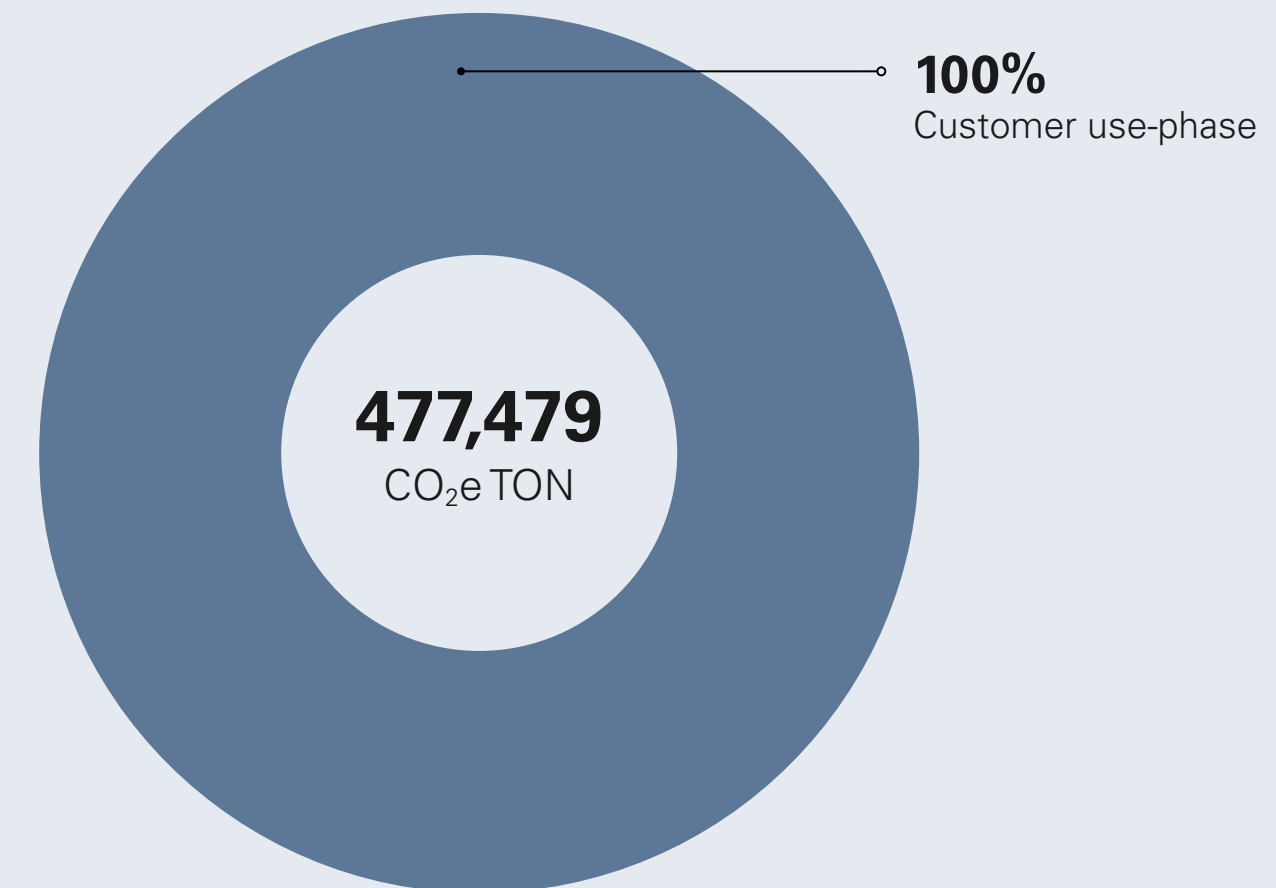
1. Waste generated in operations + Fuel and energy-related activities + Upstream leased assets

Our emission-reduction roadmap

Envirotainer has established industry-leading Science Based Targets, encompassing both near-term and long-term goals, with a firm commitment to achieving net-zero emissions by 2050.

While we await for SBTi validation, our dedication to these interim targets sets us apart. These ambitious targets position us as leaders in the cold chain sector. Recognizing that meaningful change requires accountability for our environmental footprint, we are tackling Scope 3 emissions head-on, acknowledging the significance and complexity within our targets.

Additionally, we have opted to establish an optional target for scope 3, beyond minimum boundary — emissions include the transport by customers (general and return) during the leasing of containers. This decision reflects our commitment to taking responsibility even for emissions beyond our direct control. By doing so, we aim to foster increased collaboration with all stakeholders within the industry, leveraging collective efforts to influence and mitigate these emissions.

In our efforts to reduce emissions from our operations, we have engaged in workshops and strategic discussions throughout the year to identify areas where we can achieve the greatest emission reductions.

TO SUCCESSFULLY ACHIEVE OUR NET-ZERO BY 2050 TARGETS, OUR FOCUS AREAS FOR EMISSION REDUCTION WILL INCLUDE:

Scope 1 & 2

- Optimize and reduce energy consumption across production and our network stations through initiatives such as energy retrofits and equipment upgrades

- Transition to renewable energy sources at our facilities to further minimize our environmental footprint

Scope 3

- Optimize logistic flows and network balancing for empty containers

- Optimize the transportation network for spare parts and streamline maintenance processes

- Incorporate low-carbon materials into our production processes

- Increase the use of sea freight for transporting empty containers and incorporate sustainable aviation fuel (SAF) into our operations

Scope 3, beyond minimum boundary (optional target)

- Reduce the weight of our products

- Foster collaboration within the industry

- Further integrate sustainable aviation fuel (SAF) into our operations

Our production

At Envirotainer, we are committed to maintaining sustainable production practices to ensure a meaningful contribution to reducing the overall environmental footprint of the pharmaceutical supply chain.

Envirotainer manufactures all the active temperature-controlled containers we use for our business, together with certain spare parts, in the production facility in Rosersberg, Sweden.

ENERGY

Decreasing fossil-fuel energy consumption is the primary reduction strategy for scope 1 and 2 categories. Throughout 2023, our production remained fully powered by 100% renewable energy, while Envirotainer as a group kept its use of renewable electricity at 95%.

Our production facility continues to comply with comprehensive Swedish environmental regulations. We are committed to minimizing emissions through energy efficient measures at our production facility, such as LED lights, energy retrofits, and equipment upgrades, including electric trains for dispatching material and new forklifts.

RESOURCE MANAGEMENT

Product design, prior to sourcing and production, is of crucial importance to us, giving our solution the competitive edge in terms of modularity, long life span, and low CO_2e impact. Envirotainer's production operations are conducted under strict environmental regulations, with the necessary permits obtained for production activities at our Rosersberg facility in Sweden since 2014. These permits cover the manufacture of both aluminium and composite containers, specifying the use of polyurethane as insulation material for aluminium containers and addressing emissions of styrene and acetone for composite containers. Aluminium represents the primary material consumed in our container production. Utilizing best available technology (BAT), Envirotainer ensures compliance with permit requirements, with all emissions reported to the appropriate authorities and consistently maintained within permitted limits. Every permit undergoes thorough approval by authorities, and we maintain tight control over every aspect of the production value chain to uphold our high standards of long-lasting quality.

Throughout our production processes, we prioritize responsible waste management by recovering material and maximizing recycling efforts. In 2023, our production activities generated 253.2 tons of waste, of which 2.2% was sent to landfilll.

Recognizing the need for a comprehensive and sustainable approach, we have initiated a procurement process to identify a waste management partner who aligns with our values and sustainability objectives. This strategic move aims to secure a complete and cohesive waste-managementt solution for our production facility.

As part of our evolving waste management at our production facility, we continue to focus on:

- Actively separating transparent plastics from coloured plastics

- Refining our waste management procedures into a comprehensive and structured approach

- Reinforcing our dedication to responsible environmental practices when handling waste

SOURCING, INCLUDING SUPPLIER SELECTION & CERTIFICATION

High-quality raw materials such as metals, batteries, and glass fiber for production are sourced from certified suppliers. Envirotainer expects full compliance and will not do business with suppliers that fail to comply with applicable laws, regulations and the principles set out in our Code of Conduct.

PRODUCTION VALUE CHAIN

Product design, development & certification

Sourcing, including supplier selection & certification

Production & warehousing

Recycling

Use-phase

Recycling of end-of-life products

Sustainable excellence in Sweden, an environmental pioneer

In line with Sweden's progressive sustainability standards, Envirotainer stands at the forefront of renewable energy adoption. Approximately 60% of Sweden's national energy derives from renewables[1], a beacon inspiring Envirotainer's commitment to sustainability.

100% RENEWABLE ENERGY IN PRODUCTION

Envirotainer's production facility in Rosersberg, Sweden, exemplifies this commitment, operating with 100% renewable electricity directly from supplier. This mirrors Sweden's green energy ideals and establishes Envirotainer as a trailblazer in the industry's sustainable energy practices.

CIRCULARITY ALIGNED WITH NATION-WIDE VISION

Envirotainer's waste-management strategy echoes Sweden's national focus on circularity. Containers designed for a 10+ year lifespan emphasize material efficiency. At the end of this lifecycle, Envirotainer prioritizes material recovery, aligning seamlessly with Sweden's waste-reduction goals and championing a circular economy approach.

Envirotainer's sustainable journey not only complies with Sweden's visionary standards but sets a commendable standard for others to follow on the path to a sustainable and more circular future.

10+
year lifespan for our containers

100%
renewable energy in our production in Rosersberg, Sweden

1. International Energy Agency 2023

Our approach to waste management

Waste is primarily generated from the manufacturing of new containers and spare parts at our production facility; regular maintenance and repair of containers at the network stations; and the scrapping and dismantling of containers at the end of their life cycle. Our ambition is to recycle as much as possible of each waste fraction.

CONSUMPTION IN PRODUCTION

We diligently track material consumption to optimize our raw materials usage, ensuring efficient production processes and minimizing waste.

Envirotainer's consumption of materials such as metals, glass fiber, electronics, and batteries for the manufacturing of containers at our production facility was approximately 999 tons in 2023, while the maintenance of containers (with spare parts) at network stations was approximately 134 tons. This represents a total increase in material consumption compared to the previous year, driven by an increased production and increased fleet size.

WASTE MANAGEMENT

The disposal of containers in 2023, referred to as end-of-life scrapping, led to a rise in waste generation compared to the previous year. In 2022, no containers were retired due to the longevity of our containers and the repair and refurbishment capabilities of our network stations. The end-of-life disposal activities in 2023 contributed to 69.7 tons of waste from our own network stations and 92.9 tons of waste from third-party contracted network stations. These figures underscore our commitment to transparency and accountability in managing our resources throughout the container lifecycle. All these materials originate from sources that are of non-renewable character.

Waste from packaging materials, primarily wood, constitutes a significant portion of waste at our production facility and network stations. We recognize that our waste originates from multiple sources and locations (our production, our own network stations, and contracted network stations operated by third-party suppliers). Notably, 2023 marks the inclusion of data from the third-party contracted network stations, representing a significant milestone in our waste-management efforts. By incorporating data from our the third-party contracted network stations, we gain a comprehensive understanding of our overall waste footprint, reflecting our commitment to transparency and accountability. This collaborative approach highlights the collective effort to enhance waste-management practices across the supply chain, ultimately driving towards more sustainable operations.

999 tons
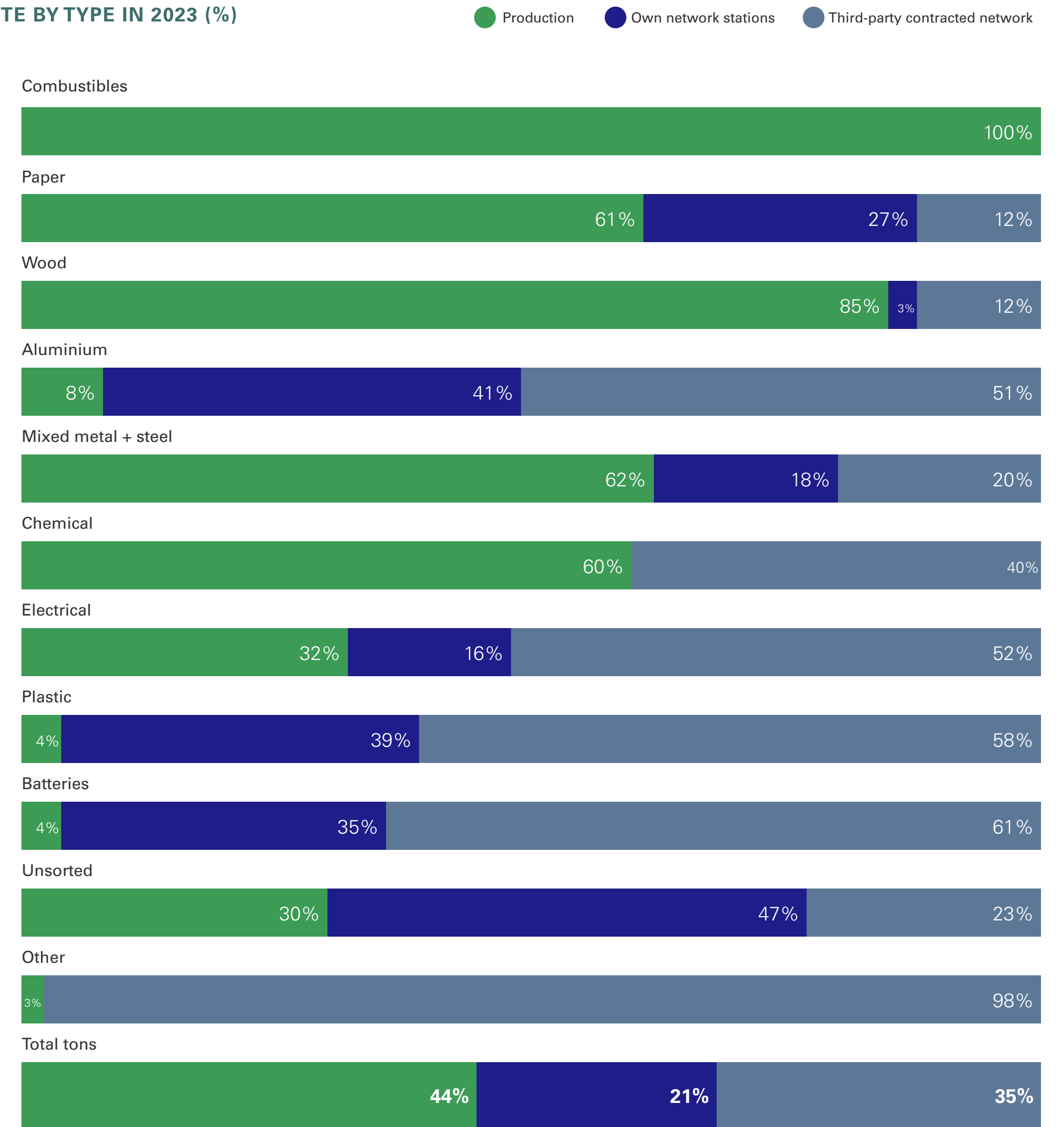of materials consumed for the manufacturing of containers

69.7 tons
of end-of-life disposal waste from our own network stations and 92.9 tons from third-party contracted network stations

MATERIAL CONSUMPTION IN TON

	2023	2022
Aluminium	371	349
Steel	43	42
Cast iron	3	5
Copper	51	50
Electronics	49	58
Batteries	276	260
Glass fiber	207	215
Vaccum panels	66	47
Other	68	63
Total	**1,133**	**1,089**

WASTE BY TYPE IN 2023 (%)

Legend: ● Production   ● Own network stations   ● Third-party contracted network

Type	Production	Own network stations	Third-party contracted network
Combustibles	100%		
Paper	61%	27%	12%
Wood	85%	3%	12%
Aluminium	8%	41%	51%
Mixed metal + steel	62%	18%	20%
Chemical	60%		40%
Electrical	32%	16%	52%
Plastic	4%	39%	58%
Batteries	4%	35%	61%
Unsorted	30%	47%	23%
Other	3%		98%
Total tons	**44%**	**21%**	**35%**

Our own hubs of excellence

We have the largest cold chain offering in the industry with 8,000 containers. These are leased to customers, facilitating the transportation of pharmaceuticals.

Envirotainer operates a robust global system of network stations, strategically positioned to manage the lifecycle of our containers. Among these, our own network stations located in Amsterdam (Netherlands), Atlanta (United States), Incheon (South Korea), Singapore, and Rosersberg (Sweden) offer us direct oversight, allowing us to uphold the highest standards of sustainability excellence in these key areas.

All container repairs and refurbishments are conducted at our network stations, underscoring the importance of close collaboration to maintain the utmost sustainability standards and prolong the use of our products.

ENERGY

Envirotainer collects and saves data from all our own network stations, including energy consumption, waste, and logistics for spare parts.

During 2023, we completed an updated draft of our Greenhouse gas inventory management plan, which provided the basis for our Science Based Targets submission in 2024.

Envirotainer currently procures renewable electricity covering almost all electricity use in all own network stations and offices, except South Korea. Where renewable electricity cannot be purchased, we attain our goals through purchasing renewable energy certificates. Moving forward, we will continue to purchase high quality Energy Attribute Certificates (EAC) or equivalent alternative, and refine our ongoing strategies to adapt to changing conditions.

WASTE

We conducted a thorough waste assessment across these network stations, providing valuable insights into our waste data and empowering them to prioritize recycling efforts. The waste generated from our own network stations totals approximately 122.6 tons in 2023, with aluminium constituting the primary type of waste. Additionally, a total of 16.24 tons of waste were identified from batteries used in ULDs from our own network stations (8.09 tons) and third-party contracted network stations (8.15 tons).
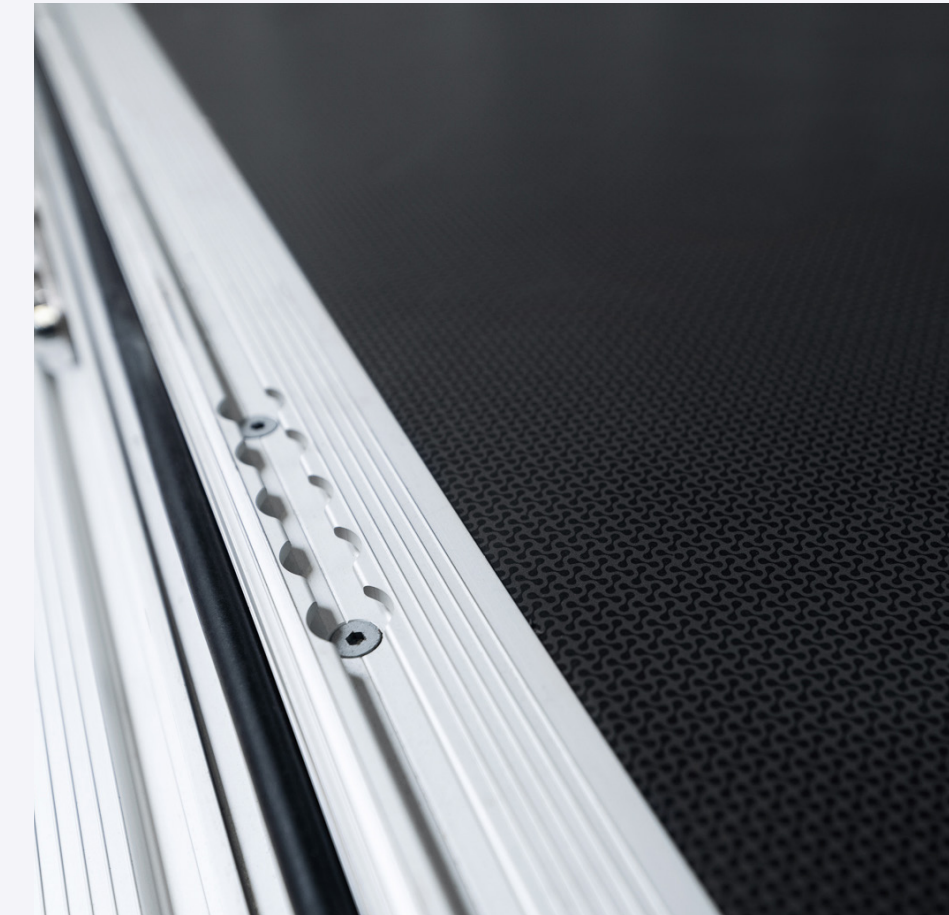
Our strategic network of stations

To ensure the safe delivery of goods worldwide, it takes a global network of third-party contracted network stations. In addition to our own network stations, our operation is supported by about 60 third-party contracted network stations who work with our solutions every day, covering more than 3,300 pharma trade lanes in over 100 countries.

We are committed to meaningfully engaging our network stations in the process of decarbonization, because together we can achieve so much more. Empowering and influencing these stakeholders to contribute to Envirotainer's sustainable supply chain objectives stand as a cornerstone in our strategy.

ENERGY

We continuously work to reduce our own emissions by using renewable energy and minimizing emissions from both our production facility and own network stations. The insights gained from these efforts are not just internal but form a valuable knowledge base that we actively share with our extensive third-party contracted network of stations – with the aim to accelerate their transition to renewable energy. We recognize that achieving sustainability goals requires collaboration and shared learning. Therefore, we are dedicated to providing comprehensive education, training, and support to foster an inclusive environment.

As we improve data collection from these third-party contracted network stations, it will help us better understand and mitigate our entire value chain's environmental impact.

WASTE

At Envirotainer, we understand the crucial role waste management plays in our sustainability endeavors, impacting every aspect of our network stations. Our third-party contracted network stations are instrumental in extending the lifespan of our containers through repair and refurbishment practices. That is why we actively encourage waste-data collection and sharing. For the first time, we have a comprehensive view of our waste data, now including usage from all our network stations. The waste generated from these third-party contracted network stations totaled approximately 148.7 tons in 2023.

With a clearer understanding of the volume and composition of waste, we are empowered to guide our network stations towards greater resource efficiency and sustainability. Committed to waste reduction and operational efficiency, our third-party contracted network stations follow stringent processes to mitigate losses, recognizing the substantial repercussions of damaged containers. Rooted in our Supplier Code of Conduct, this collaborative effort ensures alignment with our elevated standards across the board.

We remain dedicated to working closely with our third-party contracted network stations to not only enhance waste-management practices but also uphold our commitment to sustainable environmental practices across the entire value chain.

SPOTLIGHT

Solar panel at Frankfurt

As part of our comprehensive energy strategy, we actively engage with our extensive third-party contracted network stations to expedite their transition to renewable energy sources. A notable example is our collaboration with the Frankfurt network station, where we provided support for the installation of on-site electricity generation. The addition of a solar roof with a capacity of 350-500 kW will transform the facility into a 100% solar-powered plant, encompassing both electricity and heating components.

Optimizing logistics

The pharmaceutical industry faces a substantial impact if goods were to be compromised during transit, leading to potential scrapping and costly reproduction. We help pharmaceutical companies reliably transport pharmaceuticals with the lowest possible emissions.

When time is of the essence to maximize the shelf life of pharmaceuticals, air freight remains the optimal mode of transport for temperature-sensitive goods. This choice streamlines intercontinental challenges, reduces shipment times, and minimizes exposure to external conditions — considering the high value and sensitivity (temperature, humidity, and other external factors) of the medicines that we ship. Moreover, it significantly accelerates time-to-market, a crucial factor for particularly time-sensitive goods, such as new product introductions and biospecimens during clinical trials.

Acknowledging the footprint of air freight in scope 3 emissions, we are committed to doing more. Our quest for sustainability pushes us to explore innovative solutions and practices to further reduce our environmental impact.

OPTIMIZED UTILIZATION

Envirotainer stands at the forefront of sustainability by offering a network balancing strategy to optimize the logistics of containers. With the largest fleet in the market and an system of network stations, we possess a unique capability to continually improve the sustainability of shipments and reduce the need for returning empty containers back to their original locations. Leveraging our market leadership, we provide customers with the flexibility of one-way leases. This innovative approach allows clients to lease containers for a single journey, with Envirotainer seamlessly managing the return shipment through new customer orders. This not only optimizes logistics for a balanced network, but also contributes to a more sustainable and efficient cold chain.

MODAL SHIFT IN NETWORK BALANCING

While there is still a segment requiring network balancing via air freight, our commitment to sustainability drives us to choose sea transport whenever feasible. Although the journey to a fully optimized solution is ongoing, Envirotainer remains dedicated to constant evolution and improvement. We embrace experimentation and iterative enhancements, ensuring that each step forward brings us closer to meaningful change in logistics and environmental stewardship.

ENGAGING THE VALUE CHAIN

We recognize that our largest challenge concerns scope 3 emissions originating from customer transport of containers by air.

Our success relies on our stakeholders' actions, as we depend on their commitment to decarbonize. The collective journey towards a low-carbon future requires a unified effort from suppliers, customers, and the entire value chain, working together to decarbonize and enhance the overall footprint of the sector.

Transports must therefore be made even smarter to reduce CO_2e emissions. We want to bring even more circularity and resource efficiency to our value chain. We will continue to push ourselves and set even higher demands on our operations, and network stations to adopt more sustainable transport solutions, minimize waste, and transition to renewable energy.

What is one-way leasing?

One-way leasing enables customers to rent a container from one location and return it to another, promoting efficiency and cost savings. By ensuring that containers are returned filled, we reduce both customer costs and climate impact, making it a win-win solution for all stakeholders. Ultimately, one-way leasing benefits the customer, climate, and logistics operations.

Supporting global climate protection

Climate action is urgently needed. We must go beyond our reduction targets and scale investment to catalyze the global economy to halve emissions by 2030. As we work towards reaching our Science Based Targets, we will continue to prioritize direct emissions for decarbonization and support climate action projects outside our value chain, in line with global best practice standards.

We took active steps in contributing to global mitigation efforts by compensating for our 2022 emissions that we cannot yet mitigate through reduction. We funded Gold Standard climate projects for our full scopes 1 and 2 emissions, as well as selected upstream scope 3 categories, with the exception of emissions from upstream transportation and distribution in the container leasing value chain – equivalent to a total of 16,104 tCO_2e of our emissions for the year.

As we strive for innovation and enhance our long-term decarbonization strategies, we acknowledge responsibility today, by supporting global projects aimed at climate protection across various impact areas. We will continue to contribute beyond our value chain using the same calculation boundary for our 2023 emissions.

CLIMATE ACTION PROJECT

Sustainable waste treatment

- Reduce the amount of waste going into landfill through better recycling, which prevents soil contamination, and prevent methane emissions from being freely released

- More jobs are created for operating the site and workers can increase their technical skills through training

- The sustainable fertiliser supports local farmers as it improves soil productivity

CLIMATE ACTION PROJECT

Smart biogas system for farmers and communities

- Provide a clean, affordable, and renewable energy supply from waste and enable the community to manage their own energy supply independently

- Reduce greenhouse gas emissions and improve air quality, helping minimise respiratory diseases for women and children

- Using animal manure to produce biogas to improve hygiene and sanitation, while the byproduct of the digester provides organic fertilizer to replenish the soil

CLIMATE ACTION PROJECT

Efficient cookstoves

- Significant reduction in the annual usage of biomass for users. The improved stove has been designed to balance efficiency, safety, cost, stability and strength with a focus on using locally available materials

- Reduce deforestation and bring positive impact on biodiversity

- Generate employment and income for people through distribution and maintenance of the stoves, as well as training and employing community education

Industry-leading
& innovative solutions

Optimizing sustainability through our solutions

Sustainability is at the core of all our solutions.

We make sure as many life-changing products as possible are delivered to the right patients at the right time and in the right condition. Our reliable solutions strive to set the standard for sustainability for the sector.

Together with our partners in the value chain, we help our customers deliver about 2 million doses per day of medicines and vaccines available aroundr the world. We improve the cost-efficiency per dose delivered continuously via our solutions, network stations, and digital services to contribute to the access of critical pharmaceuticals.

At Envirotainer, our unique business model prioritizes the optimization of our solutions, offering leasing options rather than traditional product sales. Central to this approach is a design philosophy that allows for container repair, refurbishment and modularity to ensure a long life cycle and minimise environmental impact.

2M

doses per day of medicines and vaccines available around the world
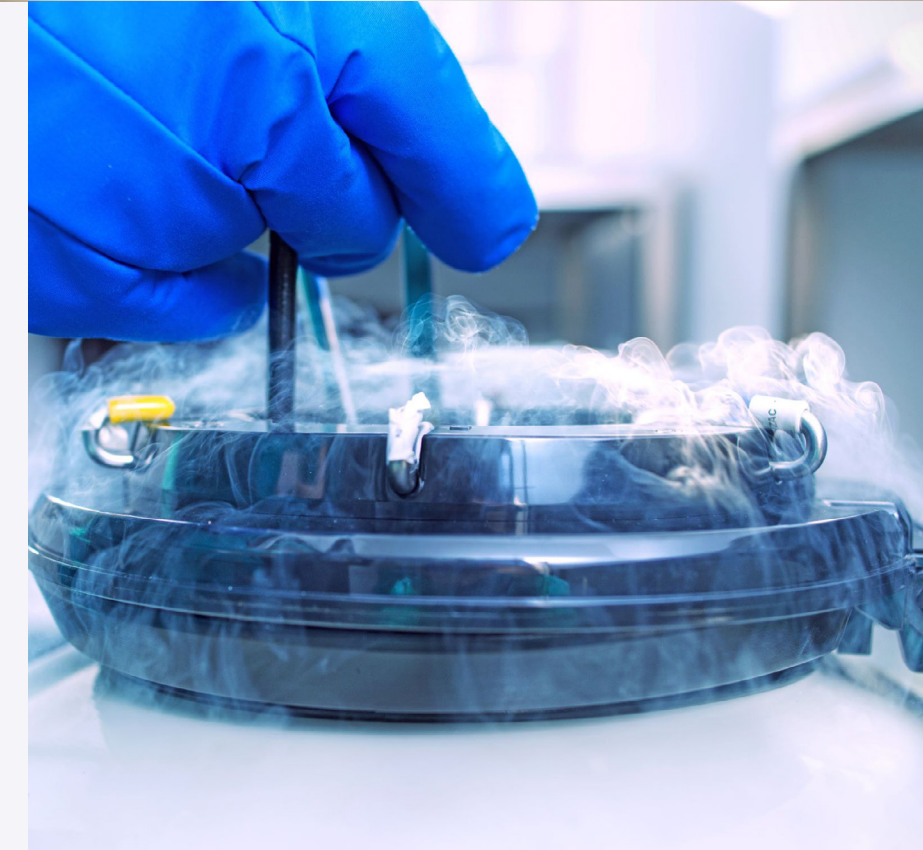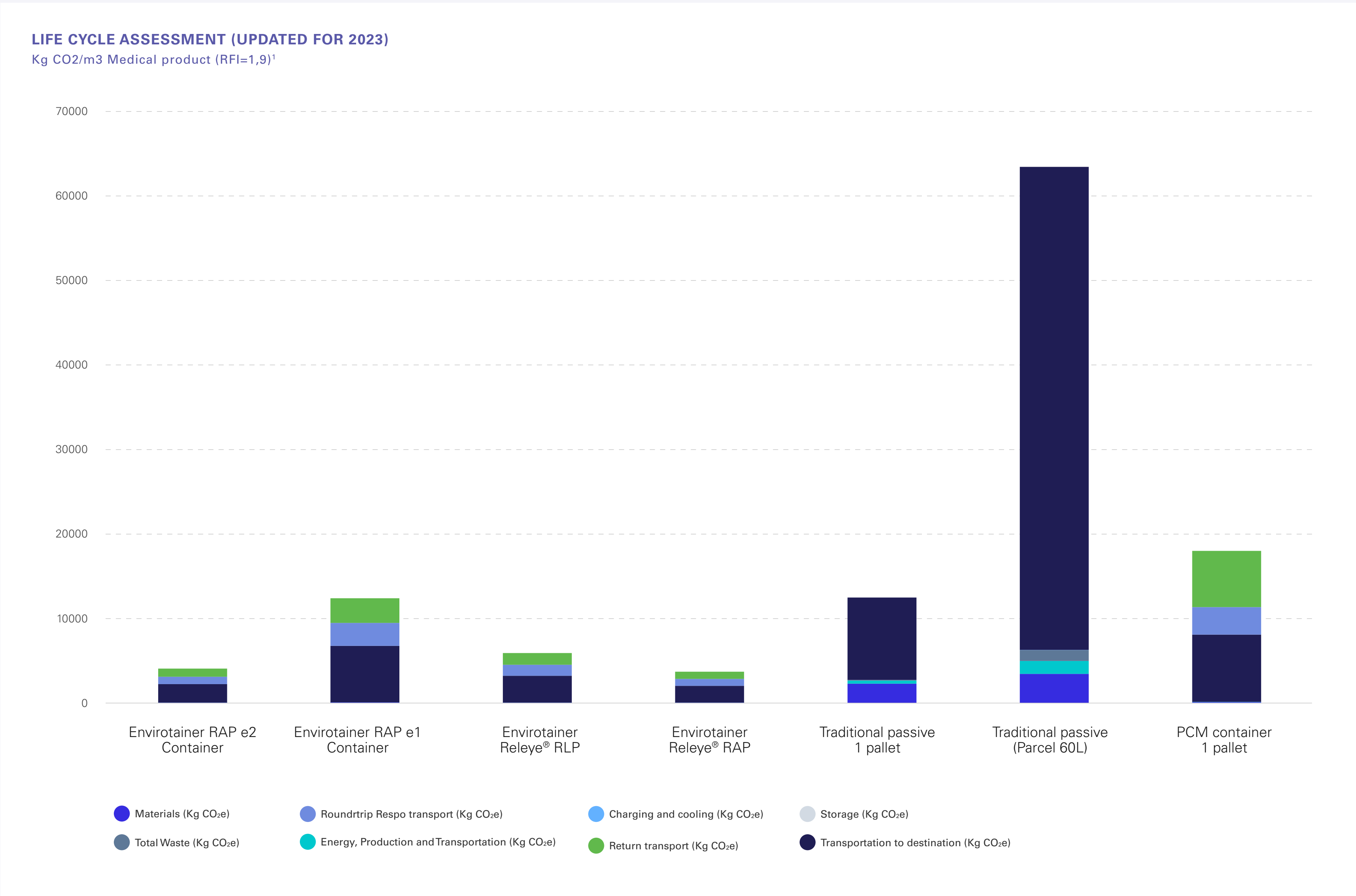
ASSESSING OUR PRODUCT IMPACT

Our updated Life Cycle Assessment (LCA) underscores the climate-conscious attributes of Envirotainer solutions. Notably, our containers exhibit low CO_2e per cubic meter of medical product transported.

- **Efficient design and weight:** The lightweight nature of our containers, coupled with the ability to ship goods more effectively within them, significantly reduces emissions. This is especially evident in our largest containers, the Releye® RAP, an innovative series of active temperature-controlled containers, which boasts a substantial internal volume advantage over external volume.

- **ULD adaptability:** All Envirotainer containers are designed as Unit Load Devices (ULDs), tailored to the inner shape of aircraft. This ULD feature facilitates efficient network balancing, utilizing otherwise unused cargo space in partnership with airlines.

- **Long lifespan and maintenance:** Envirotainer containers have a typically long lifespan, further extended through regular maintenance practices. This commitment to maintenance not only reduces the need for new containers to be manufactured and the associated energy consumption from that, but also aligns with our dedication to fostering a circular economy.

The LCA also reveals that CryoSure®, our -70°C solution, exhibits a significantly lower CO_2e emission impact per liter of medical product compared to alternative solutions. This efficiency stems from the product's lightweight design and extended duration, facilitating a more sustainable shipping process. The reusability minimizes landfill waste for our customers.

LIFE CYCLE ASSESSMENT (UPDATED FOR 2023)
Kg CO2/m3 Medical product (RFI=1,9)[1]

Legend:
- Materials (Kg CO₂e)
- Total Waste (Kg CO₂e)
- Roundrtrip Respo transport (Kg CO₂e)
- Energy, Production and Transportation (Kg CO₂e)
- Charging and cooling (Kg CO₂e)
- Return transport (Kg CO₂e)
- Storage (Kg CO₂e)
- Transportation to destination (Kg CO₂e)

1. This LCA was calculated with a Radiative Forcing Index (RFI) 1.9.

Climate-resilient product principles

In the face of the climate crisis, innovation becomes a powerful tool, and at Envirotainer, innovation is at the heart of driving impactful and sustainable solutions. Our commitment to increasing resource efficiency is evident in the design approach that underpins our solutions, with a focus on contributing to the circular economy through longevity and modularity.

THE RELEYE® ADVANTAGE

Product design is of crucial importance to us, giving our solutions their competitive edge in terms of modularity, long life-span and low CO_2e impact. The Releye® family of solutions sets a new standard for temperature-controlled shipment of pharmaceuticals.

Weight efficiency

The Releye® RAP and RLP are designed to have very low weight per pallet shipped, significantly reducing their overall CO_2e footprint. RAP with its exceptionally low weight can ship the most cargo per unit fuel, achieving up to 90% CO_2e reduction compared to passive solutions.

Volume efficiency

Our design philosophy emphasizes maximizing internal volume for shipments, enabling us to fit three Euro pallets into the space of two single-pallet containers for Releye® RLP. With an industry-leading internal loading height of 132 cm (52 in), our Releye® containers can optimize height use through advanced airflow technology and increase transport efficiency.

Modularity for sustainability

The modular design of our containers is a pivotal feature, simplifying repair processes and facilitating recycling. This commitment to modularity not only extends the life of our containers but also aligns seamlessly with our broader sustainability goals.

Reliability

The design of a completely independent temperature control system provides redundancy for all critical container functions. With Releye®, customers gain access to our Control Tower service, featuring a global team monitoring shipments around the clock, prepared to swiftly respond to any critical event. This helps prevent deviations, ultimately reducing additional emissions associated with reproduction or redistribution.

"

At Envirotainer, innovation can truly drive sustainability. We are dedicated to invest in and offer more sustainable solutions to the market. It's not just about creating solutions; it's about creating solutions that redefine efficiency, longevity, and environmental impact for a more sustainable future."

Camilla Engbrink
Chief Technology Officer

Sustainability through leasing:
A circular business model

At Envirotainer, our leasing business model is not just a component of our customer value proposition; it is a fundamental driver of our sustainability commitment embedded in a circular business model. This model encompasses every facet of the value chain, seamlessly integrating pre-shipment to post-shipment processes within an expansive and open global network. From customers, to logistical partners, airliners, and our network stations worldwide, we work closely with our stakeholders at each shipment stage to ensure goods are delivered in the most efficient way. Through continuous servicing, global collaboration, and adherence to robust procedures, we pave the way for a more sustainable and resilient cold chain industry.

KEY ELEMENTS OF OUR CIRCULAR MODEL:

• **Global network of excellence:** Our value chain is intricately woven into a global network comprising network stations worldwide. This circular network extends beyond our own network stations to include third-party contracted network stations collaborating with us on a daily basis.

• **Leasing for a shared economy:** By opting for leasing instead of outright purchase, customers can use the solutions precisely when needed, without contributing to unnecessary waste. This 'sharing' approach encourages less production and more efficient use of already produced containers, which results in less overall waste and enhances resource efficiency.

• **Thorough and sustainable servicing**: Our dedication to sustainability is reflected in the robust servicing protocols applied to our leased containers. Following clear operational procedures, these containers undergo continuous servicing at our network stations, contributing to their longevity and reducing the need for premature replacements and production. Our leasing model's circular nature and the high repairability of our containers, capable of being utilized hundreds of times throughout their lifespan, drive continuous improvement in our product design.

OUR LEASING VALUE CHAIN
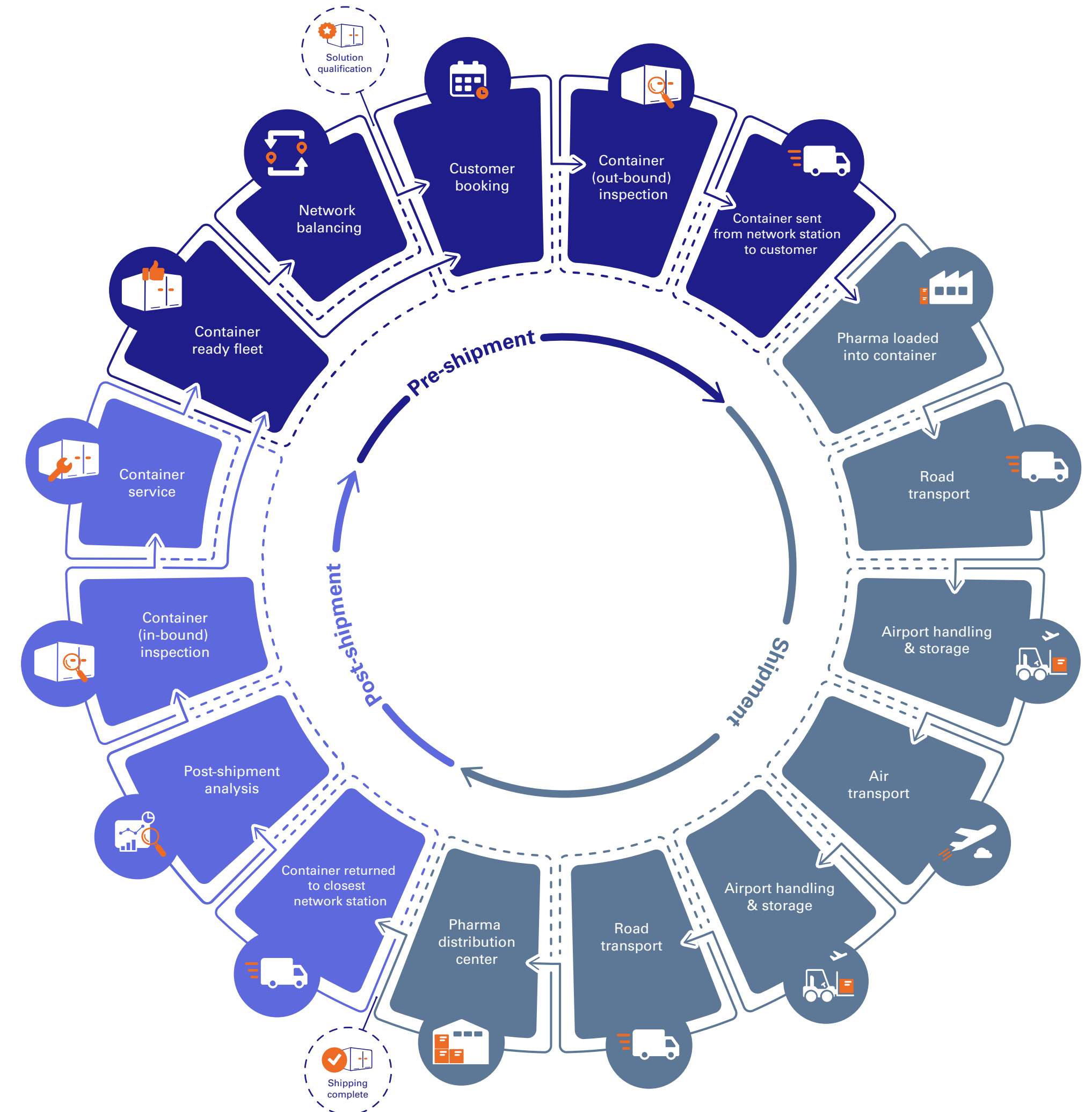
Digital services

Technology works hand in hand with sustainability. Envirotainer stands as a pioneer, ensuring the safe and environmentally responsible delivery of pharmaceuticals.

Our suite of digital services is meticulously designed to uphold product integrity, boost reliability, and ultimately reduce environmental impact.

STREAMLINING EFFICIENCY

The Envirotainer Portal is the gateway to a seamless, user-friendly experience, revolutionizing order management, financial tracking, and container monitoring. **With continuous platform updates in 2023, our goal is to enhance digital services, providing greater control and safety for pharmaceutical shipments while minimizing waste.** Accessible from any device, this portal integrates effortlessly with customer systems, providing enhanced control over shipped products and reducing the risk of product loss. More than just a portal, it is the digital command center to ensure reliability of shipment and prevent deviations.

REAL-TIME CONNECTIVITY

Enabling our customers to track their products in real-time, our connected containers bring transparency to logistics through Live Monitoring and "Track and Trace". Launched in 2022, our Control Tower service ensures 24/7 support to manage critical events. In 2023, we enhanced Live Monitoring through six IT releases, providing users with more customization options to prevent unnecessary deviations. With a dedicated team well-versed in best practices, we leverage information to ensure quality, mitigate risks, and proactively prevent product loss. This digital infrastructure empowers our customers to respond swiftly and make informed decisions in the face of temperature deviations or unforeseen events.

SPOTLIGHT

Ensuring Data Security and Privacy

Data and information serve as vital components of Envirotainer's daily operations. Operating across numerous countries necessitates compliance with a diverse array of data protection regulations. Guided by Envirotainer's IT Policy and Information Security Policy, we've established a robust IT management model encompassing governance, standardized processes, and dedicated security protocols. Our foremost objective is to uphold the confidentiality, integrity, and availability of information while ensuring seamless operations.

Our IT security approach entails continuous risk assessment, the implementation of preventive measures, and the utilization of cutting-edge security technology. These policies extend across all company subsidiaries subject to data protection laws. Our Envirotainer Privacy Notice provides clear guidelines on personal data processing, empowering individuals with essential rights such as data access and deletion.

In 2023, there were no reported complaints regarding breaches or mishandling of customer data, underscoring our commitment to data privacy and security.

To bolster digital responsibility and awareness among employees, mandatory training on IT user policy and phishing is conducted through the Envirotainer Academy. This proactive approach aims to mitigate IT risks and foster a culture of digital vigilance across the organization.

Industry collaboration

Supplier engagement

At Envirotainer, we acknowledge that our dedication to sustainability transcends the boundaries of our operations, encompassing the intricate network of our supply chain. Upholding rigorous standards of accountability and sustainability, we cultivate a collaborative environment that emphasizes ethical conduct and environmental stewardship. Recognizing the critical role of our suppliers in shaping our sustainability footprint, we prioritize those involved in production and service delivery, particularly third-party contracted network stations.

While we engage with various suppliers across different facets of our operations, our focus on these key categories underscores their pivotal impact.

"

I am proud to highlight Envirotainer's critical role in fostering sustainability throughout our value chain. Our success hinges on the sustainability efforts of our stations, and we recognize the importance of engaging with them to shape our collective environmental footprint. It's inspiring to see that almost all our third-party contracted network stations have voluntarily signed up to our 2023 Code of Conduct, demonstrating their commitment to sustainability alongside ours."

Andreas Olivin
Head of Global Supplier Development

COMMITMENT TO SUSTAINABLE SOURCING	Our dedication to responsible business practices echoes in our supplier engagements. We actively seek suppliers who not only embrace sustainability within their organizations, but also champion these principles across their supply chains. This involves the identification of areas with heightened sustainability risks, enabling us to engage and influence our suppliers proactively.
CODE OF CONDUCT COMPLIANCE	Envirotainer's Code of Conduct is a cornerstone in our supplier relationships. We make it clear that compliance with this code is non-negotiable. We expect our suppliers to align with ethical standards, uphold human rights, and adhere to all applicable laws and regulations. Almost 100% of our third-party contracted network stations have voluntarily signed our 2023 Supplier Code of Conduct by the end of year, underscoring their dedication to fostering a responsible and sustainable supply chain.
ONGOING COMMUNICATION AND IMPROVEMENT	Our supplier directive is not a static document; it is a living commitment that evolves with our values. Through regular reviews, direct engagement, and continuous improvement we ensure that our suppliers remain aligned with our sustainability goals. Proactive measures are continuously discussed in our supplier reviews to reinforce the importance of our shared commitment.
DRIVING ENVIRONMENTAL AND SOCIAL IMPACT	In our engagement with suppliers, we actively promote practices that contribute to a sustainable future. This includes efforts to reduce environmental footprints through resource conservation, waste minimization, and responsible sourcing. Moreover, we emphasize compliance with International Labor Organization (ILO) principles, ensuring that human rights and conditions of employment are upheld throughout the supply chain.
COLLABORATION FOR IMPROVED COLD CHAIN SOLUTIONS	Beyond compliance, our engagement is a partnership aimed at mutual growth. We encourage suppliers to collaborate with us, leveraging their expertise to enhance cold chain solutions for patient-safe and cost-efficient distribution of sensitive pharmaceuticals. By working together, we create a ripple effect, fostering positive change not only in our immediate operations but throughout the broader pharmaceutical supply chain.

Catalyzing change

At Envirotainer, we recognize the transformative power of collaboration in addressing our shared environmental responsibilities. Our joint initiatives and collaborative efforts extend across two key dimensions: industry partnerships and contribution to society.

INDUSTRY PARTNERSHIPS
& CUSTOMER COLLABORATION

Envirotainer champions the belief in the collective capacity of our value chain to address climate challenges. We actively engage in collaborations with industry partners, customers, and airlines to propel meaningful change. By sharing knowledge and fostering joint initiatives, we aim to influence our direct areas of operation towards sustainability. Together with our partners, we advocate for low-emission offerings and work towards shaping a sustainable industry.

CONTRIBUTING TO SOCIETY

Envirotainer takes pride in being more than a business; we are a responsible corporate citizen. Through the Envirotainer Foundation, our annual charitable contributions aim to make a positive impact on society. In 2022, we supported the Red Cross in Ukraine during the outbreak of war, demonstrating our commitment to alleviating humanitarian crises. In 2023, our focus shifted to aiding earthquake-stricken areas in Turkey.

SUPPORTING DOCTORS WITHOUT BORDERS

Enabling global access to biopharmaceuticals is not just a business mission; it is a commitment to making a difference. We proudly support Doctors Without Borders (Médecins Sans Frontières), an international medical humanitarian organization. Together, we contribute to life-saving healthcare interventions, ensuring that medical assistance reaches those affected by conflict, epidemics, disasters, or exclusion from healthcare. This ongoing support reflects our dedication to making a positive impact — irrespective of who, where, or why.

"

For me, working at Envirotainer is more than just a job; it's personal. As someone who relies on critical medicine for my health, I understand firsthand the importance of access to reliable pharmaceuticals. Every day, I'm motivated by the knowledge that our work directly impacts people's lives. These efforts help to ensure vital medications have been properly maintained in the temperature-controlled supply chain and are effective when they reach those who need them, no matter where people are."

Thomas Grubb
Global Key Account Manager Airlines

COLLABORATIVE KNOWLEDGE SHARING

Moving Pharma Forward 2023

At Envirotainer, we leverage the opportunities to actively engage with our value chain partners and drive the sustainability agenda forward. We have hosted more than 40 exclusive Moving Pharma Forward events around the globe, uniting industry stakeholders to discuss best practices and collaboratively address common ESG-related challenges. By bringing the industry together, it allows us to promote our strategy, uncover industry trends, and solicit feedback. Sustainability remains a focal point in our discussions, featuring diverse industry speakers who share success stories and valuable lessons.

These events are vital for fostering collaboration and driving innovation in the cold chain industry, as evidenced by the overwhelmingly positive feedback from participants. More than 80% reported that the event helped them achieve their business objectives and nearly 95% expressed their intent to return.

Over the past year, we covered Seoul, Tokyo, Hyderabad, Mumbai, Basel, Amsterdam, and London, offering exclusive networking opportunities and innovative cold chain activities on-site.

Learn more ➔

CUSTOMER COLLABORATION

DB Schenker's Successful Integration of Releye®

By collaborating closely with our customers, we are not just streamlining operations, we are changing the way the industry approaches cold chain management. The integration of real-time data from Envirotainer Releye® containers into DB Schenker's IoT system, are revolutionizing the way we approach pharmaceutical logistics. This partnership enables us to mitigate the risks of product wastage, enhance efficiency, and ultimately reduce our environmental footprint.

In an era where access to life-saving medications is paramount, collaboration with our customers plays a pivotal role in safeguarding the availability and efficacy of pharmaceuticals worldwide.

Learn more ➔

JOINT INITIATIVE

More than 30 airlines have approved Releye®

For the global air cargo market, staying ahead of the curve is crucial. We work closely with our key airline partners to tackle the challenges they face by finding new ways of working and new opportunities to support our joint customers.

Envirotainer is proud to announce that more than 30 airlines have approved the handling and transportation of Releye® RAP and RLP. With up to 90% reduction in CO_2e emissions per shipment, our partnership with airlines is not just about expanding our reach; it is about aligning with industry leaders to drive sustainable practices and ensure the safe and efficient delivery of life-saving medications globally.

Learn more →

INDUSTRY EDUCATION

How we can make the cold chain more sustainable

The global pharmaceutical logistics sector is at the heart of a health revolution. We recognize the urgency of mitigating the environmental impact of our operations. That is why Envirotainer takes the lead in educating the sector and helping to shape the future of pharmaceutical cold chain.

We have developed this whitepaper, aiming to shed light on practical strategies and incremental changes that can make a significant difference in the transportation of temperature-sensitive medicines.

By sharing knowledge and advocating for sustainable practices across the sector, we believe we can inspire collective action and drive meaningful progress towards a more sustainable future for pharmaceutical logistics.

Learn more →

World-class organisation

Promoting talent

At Envirotainer, we are dedicated to cultivating an inclusive and diverse workplace that not only values every individual, but also propels us toward a culture of high performance. Our commitment extends beyond just being an employer; we aim to be the best place to work by continually enhancing our attractiveness and nurturing an environment where employees thrive.

GREAT PLACE TO WORK RESULTS

	2023	2022	2021	2020
Overall score	84%	81%	84%	78%
Trust index	79%	77%	79%	76%
My Manager - index	89%	86%	88%	84%
Employee turnover	7%	11%	12%	7%
Absenteeism	3.1%	3.3%	2.5%	3.7%
Response rate	96%	95%	98%	98%
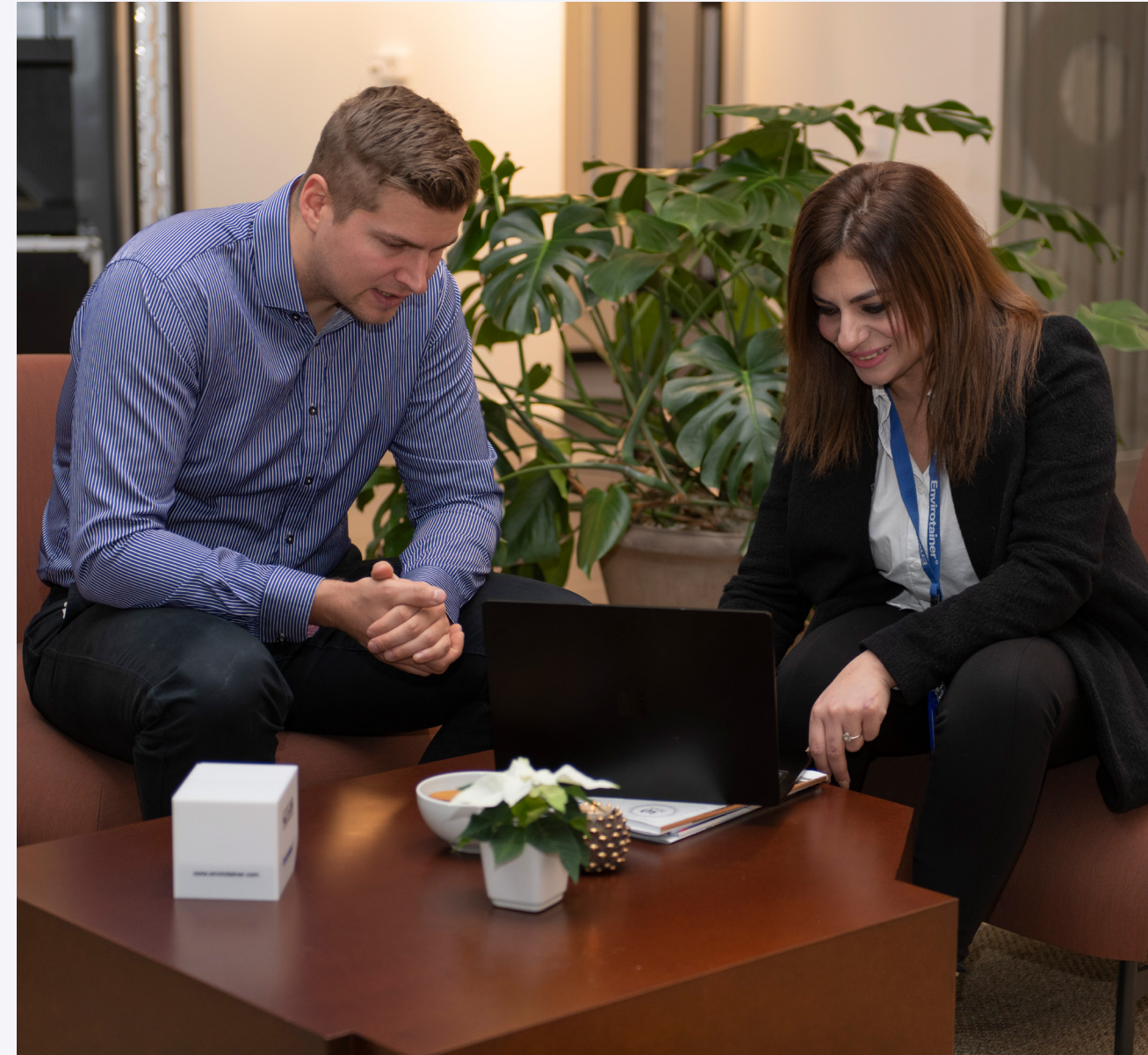
33%
of women in leadership positions, and doubling the proportion of women in management group (44% compared to 22%)

84%
overall score toward being a Great Place to Work — a notable achievement, with an impressive trust index of 79%

GENDER BALANCE (SHARE OF WOMEN)

	2023	2022	2021	2020
Board of directors	22%	17%	0%	0%
Management group	44%	22%	13%	13%
Leadership positions	33%	30%	23%	16%
Employees	30%	30%	29%	27%

Key elements of our workplace culture

Employee engagement and satisfaction

Our focus on high employee engagement results in the formation of innovative and high-performance teams, contributing to our collective success.
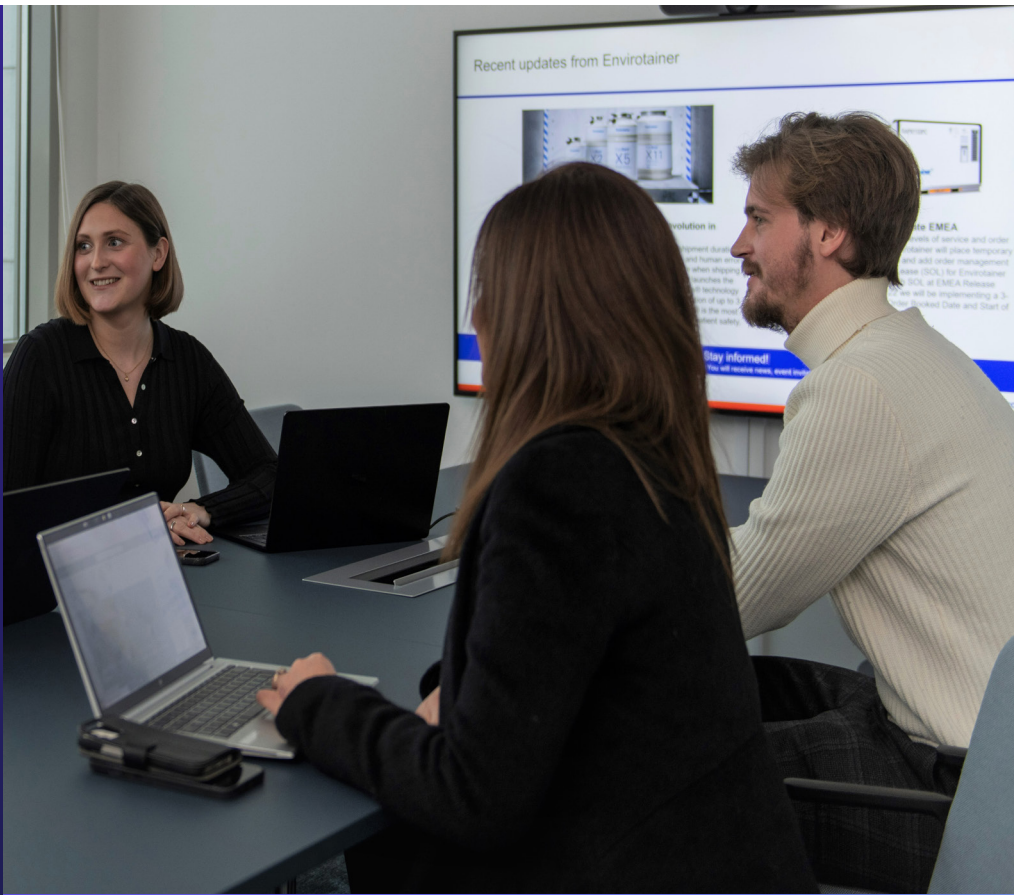
Performance management and development

We invest in performance management and continuous people development to ensure we have outstanding leaders and employees who are well-equipped for the challenges of the future.

Safety, health, and values

We prioritize a safe, healthy, and value-driven workplace where our Core Values are not just statements but integral aspects of our daily operations.

Financial shared success

We believe in sharing the financial success of the company with all employees through inclusive bonus programs.

Diversity and inclusion

Our workplace champions diversity and inclusivity, providing equal opportunities for everyone, fostering a culture where differences are celebrated. We actively work toward improving our gender mix and increasing the proportion of women in managerial positions.

Continuous improvement

Year on year, we are committed to the continuous improvement of our employee survey results, demonstrating our responsiveness to employee feedback.

The Envirotainer Academy

Education is the bedrock of a robust cold chain, and at Envirotainer, we recognize the challenges of meeting the training needs of a global organization. Enter the Envirotainer Academy — an embodiment of our commitment to sharing expertise not only in our products and services but across the entire cold chain industry.

All employees are required to complete the company's Code of Conduct training as part of their enrolment in the Envirotainer Academy. This crucial training is also integrated into the introductory program for all new employees, ensuring a comprehensive understanding of our ethical standards from the outset.

The Envirotainer Academy extends beyond our employees. It is an open platform to share our expertise across the cold chain industry. We do this by offering all cold chain stakeholders, from ground handlers to manufacturers, the most effective content and tools – completely free of charge.

Since its inception in 2013, the Envirotainer Academy has empowered tens of thousands of cold chain stakeholders worldwide, contributing to enhanced skills and knowledge. Internally, the Academy nurtures a high-performance culture, while externally, it positions Envirotainer as a leader in industry competence.

50,000+
of people trained on the Envirotainer Academy

12,000
active users enrolled

200
courses of diverse range
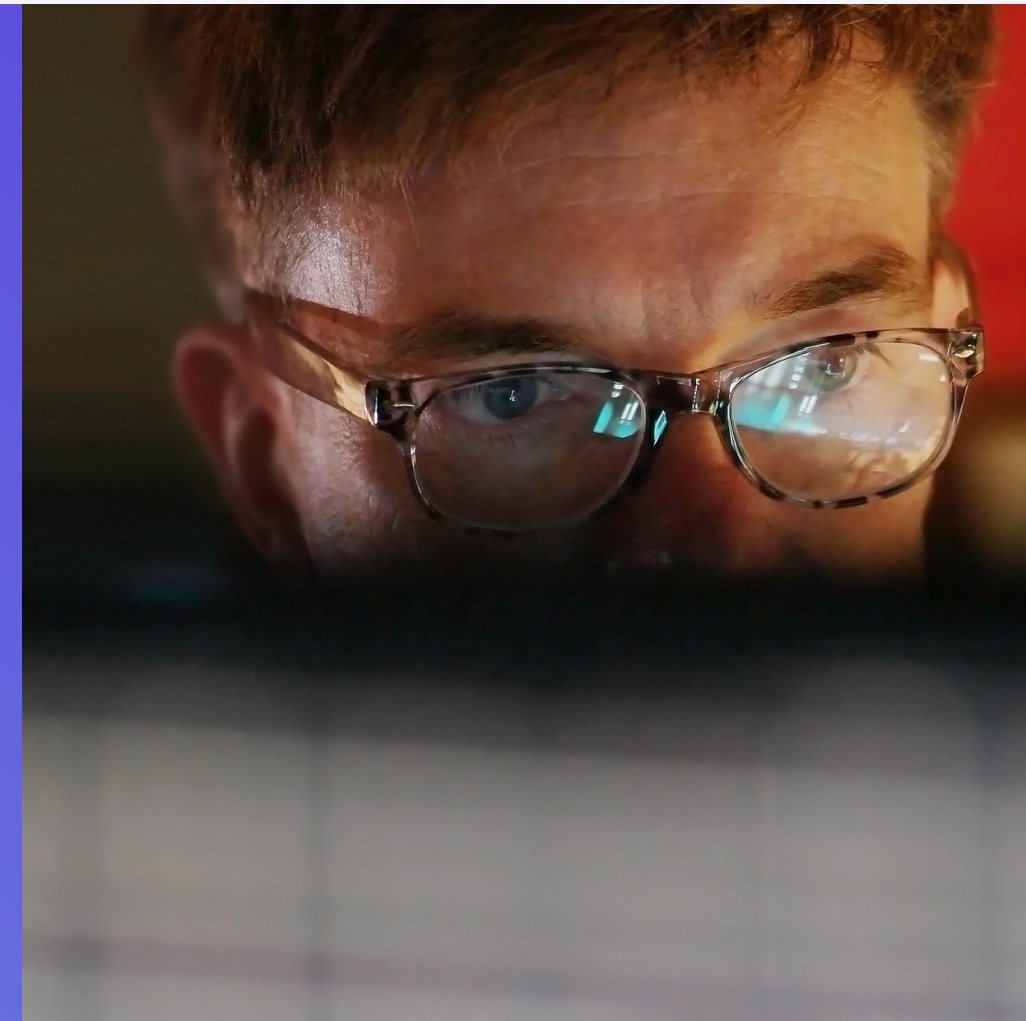
SPOTLIGHT

Health and safety: A cornerstone of our commitment

Envirotainer prioritizes safe and healthy working conditions, adhering to Swedish laws at facilities in Sweden and local laws abroad. We diligently work to reduce occupational hazards with a structured approach to health and safety. In the Rosersberg facility and headquarters, clear guidelines, roles, and responsibilities are outlined, backed by regular meetings, safety checks, and follow-ups. In 2023, 21 work-related incidents and accidents were reported.

To enhance human factors influencing safety and efficiency, mandatory training within the Envirotainer Academy covers six lessons with examples and videos. Our operations align with aviation regulations (EASA and FAA), emphasizing safe design, manufacture, repair, and service of our containers.

Ergonomics and psychological aspects, including stress, are pivotal considerations in our focus on a holistic working environment.

PRODUCTION HEALTH AND SAFETY

	2023	2022	2021	2020
Total recordable incident rate (TRIR), including incidents and accidents	5	6	0	7
# of workplace accidents resulting in absence	0	0	0	0

" At Envirotainer, we strive to continuously reduce occupational hazards across all aspects of our operations. Ensuring the well-being of our workforce is not just a responsibility; it's a core value that guides everything we do. By fostering a culture of safety, we not only protect our employees but also enhance productivity and drive sustainable growth."

Sofie Nordhamren
Head of Production

Respecting human rights

HUMAN RIGHTS, ANTI-CORRUPTION, AND BRIBERY

Envirotainer has recognized and adopted all Human Rights and Anti-Corruption principles as stated in the UN Global Compact. We prevent corruption, anti-competitive practices and human rights violations through information, training, internal regulations (the Code of Conduct) and follow-ups, including employee surveys. A safe and healthy workplace also includes, nondiscrimination, freedom of association, and collective bargaining. Elimination of discrimination, including harassment, promoting equal opportunities, and other ways to advance diversity and inclusion are Envirotainer's most relevant human rights focus areas.

Guidelines on anti-corruption are set out in Anti-Bribery and Corruption policy, and Envirotainer does not accept any form of corruption, bribes, or unfair anti-competitive practices. Only two reports of breaches to Code of Conduct was reported in 2023. As a company with international operations, Envirotainer remains vigilant to the risk of slavery and human trafficking.

We are also collaborating with our suppliers to establish clear expectations. Our 2023 Supplier Code of Conduct ensures alignment with our standards throughout the value chain, emphasizing compliance and the respect for human rights.

Governance & planning

Sustainability governance

Upholding ethical standards.

ENVIROTAINER'S CODE OF CONDUCT

Envirotainer's Code of Conduct serves as a robust framework, translating our core values —Trustworthiness, Passion, Agility, and Team Spirit— into tangible practices. This code articulates the fundamental principles of our corporate responsibility, encompassing personal, ethical, and professional standards that every Envirotainer employee is expected to uphold. Approved by the Board of Directors, this Code guides interactions with employees, customers, suppliers, society, and shareholders, forming a non-negotiable foundation.

Ensuring widespread comprehension, all employees undergo mandatory training through the Envirotainer Academy, with the Code also integral to the onboarding process for new hires. Rooted in the "United Nations Code of Conduct for Suppliers" and the "UN Global Compact" initiative, the principles reflect a commitment to international conventions and the precautionary principle.

Encouraging a culture of transparency and accountability, Envirotainer provides stakeholders, including employees, with a dedicated reporting mechanism — SpeakUp. Externally managed, this whistle-blowing function empowers individuals to swiftly any breaches, fostering risk identification and corrective measures without reprisals. We have no reports via SpeakUp in 2023, and only two internally reported cases.

Our unwavering commitment to conducting business with the highest standards of compliance is evident in the development of robust standards encompassing human rights, anti-corruption measures, labour rights, and environmental considerations. Envirotainer proudly joined the UN Global Compact in 2021, aligning with its 10 principles of sustainable business. Our focus remains on building strong governance structures and fostering ethical operations to drive positive and responsible business practices.

UN Global
Compact
member

since 2021

Leadership team

Envirotainer's principal shareholders include EQT, Mubadala, and Cinven. The Annual General Meeting stands as the highest decision-making body, where shareholders exercise their rights, encompassing the election of the Board of Directors, Board Chairman, and an auditor. The board has an appointed Sustainability Board Champion whose role is to drive the broader strategic sustainability agenda. The Board of Directors has established an Audit Committee and Remuneration Committee. The committees have a preparatory role to the Board and do not relieve the Board members of their duties and responsibilities. The Board appoints the CEO. Envirotainer's Executive Management team is led by the CEO and meets regularly to discuss financial targets, results, strategic matters, and group-wide guidelines.

Our Governance Framework, together with the Code of Conduct, outlines how we operate and conduct business. Envirotainer's sustainability policy steers our environmental agenda within the overarching policy framework. Our sustainability report and materiality analysis are adopted by the Board of Directors. Executive Management is responsible for the implementation of our sustainability initiatives and reports the related key performance indicators to the Board of Directors.

David Simonsson
Chief Executive Officer

Niklas Adamsson
Chief Operating Officer

Molly Söderström Högling
Chief Human Resources Officer

Otto Dyberg
Chief Information Officer

Jonas Söderkvist
Chief Financial Officer

Delphine Perridy Boile
Chief Commercial Officer

Camilla Engbrink
Chief Technology Officer

Bernt Anderberg
Chief Supply Chain Officer

Johanna Ovéus
Chief Transformation Officer

Risk management

Envirotainer faces various business risks that could affect long-term profitability. To effectively manage and mitigate these risks, we have robust risk-management processes in place. Our management team conducts regular analysis of operational risks and those related to our strategic objectives at least once a year.

Our analysis of sustainability risks shows the areas of greatest risks demanding attention. Addressing these identified challenges head-on is integral to fortifying our sustainability journey and ensuring the resilience of our operations in an ever-evolving landscape.

We have taken proactive steps to address these risks through a comprehensive set of mitigation actions. Our arsenal includes key tools such as our Sustainability Strategy, Business Plan, Business Intelligence, SWOT Analysis, and Anti-Corruption Policy. These resources, coupled with diligent monitoring, measurement, and follow-up procedures, empower us to effectively manage and mitigate risks.

MARKET SUSTAINABILITY MATURITY

Challenge:

Varied levels of sustainability maturity within our market pose hurdles to the ESG transformation of our industry.

Impact:

May impede the broader adoption of sustainable practices, hindering industry-wide progress.

ALIGNING BUSINESS WITH MARKET DEMANDS

Challenge:

Adapting our business to meet evolving market requirements for sustainable services is crucial for maintaining competitiveness.

Impact:

Inability to calibrate may jeopardize our standing in the market, affecting our ability to attract customers and stay competitive.

MEETING OPERATIONAL SUSTAINABILITY TARGETS

Challenge:

Falling short of our sustainability targets for operations may have cascading effects on customer trust, employee engagement, and capital attraction.

Impact:

Impaired ability to attract stakeholders and capitalize on sustainability-driven opportunities.

ENSURING IT RESILIENCE AND CYBERSECURITY

Challenge:

Unplanned IT disruptions and cybersecurity vulnerabilities pose threats to business operations and our ongoing digitalization efforts.

Impact:

Disruptions may impede digital transformation and compromise the security of sensitive data.

Appendix

Appendix

This sustainability report addresses Envirotainer Group's sustainability impact, initiatives, and performance in 2023.

The report covers Envirotainer Topco AB and its Swedish and international subsidiaries, including our wholly own network stations. Envirotainer is active within the following sectors: Biotechnology & Pharmaceuticals, Professional & Commercial Services, and Airfreight & Transportation.

In this report, we are guided by international initiatives, principles, and standards, such as the UN Global Compact, the UN Guiding Principles on Business and Human Rights, Global Reporting Initiative (GRI), and the Science Based Targets initiatives (SBTi). The Greenhouse Gas Protocol emissions accounting standard is used to calculate our climate impact.

The reporting period aligns with the financial reporting regarding entities covered and the reporting period (1 January, 2023, to 31 December, 2023). The Sustainability Report 2022 covered Envirotainer Holding AB since Envirotainer Topco AB was new to the group and only had a reporting period of seven months. Envirotainer Topco AB have no activities during 2023 that applies to this report which means that the entity has no effect on the sustainability report.

The publishing date for the report is 28 March, 2024. The sustainability report has been developed in collaboration with an external sustainability agency and sent to an external auditor as part of the annual reporting process, beforeapproval from the Board of Directors. Any inquiries regarding this report can be directed to our Chief Financial Officer.
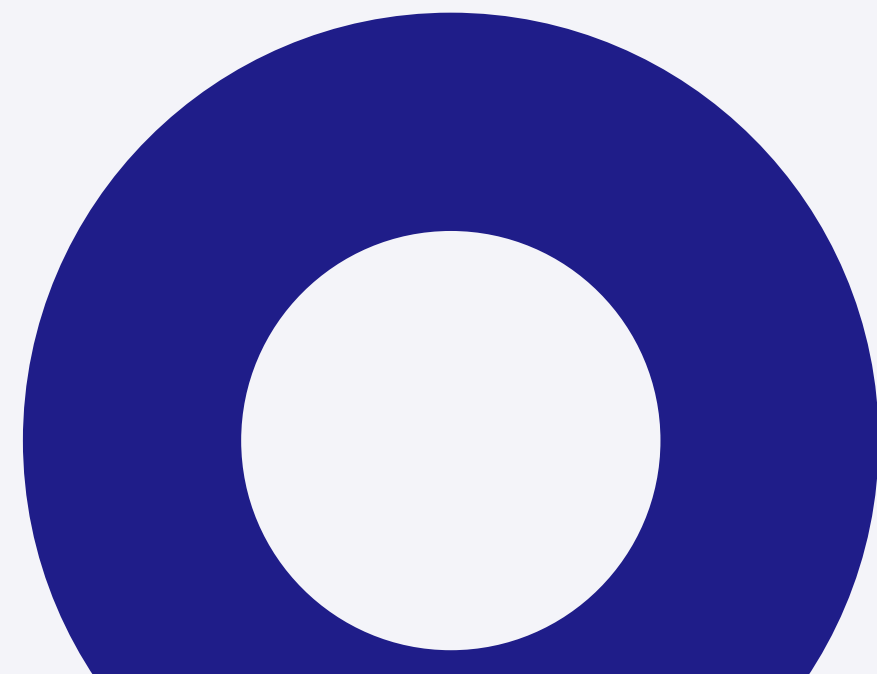
Glossary

BAT	Best Available Technology		**NiMH**	Nickel-Metal Hydride battery
BVCM	Beyond Value Chain Mitigation		**PPA**	Power Purchase Agreement
CDP	Carbon Disclosure Project		**R&D**	Research and Development
CSRD	EU Corporate Sustainability Reporting Directive		**RFI**	Radiative Forcing Index
EAC	Energy Attribute Credit		**SAF**	Energy Attribute Credit
EASA	European Union Aviation Safety Agency		**SBT**	Science Based Target
ESG	Environmental, Social, and Governance		**SBTi**	Science Based Targets Initiative
FAA	Federal Aviation Administration		**SDGs**	Sustainable Development Goals
ILO	International Labor Organization		**SWOT**	Strengths, Weaknesses, Opportunities, Threats
GHG	Greenhouse Gas		**T&D**	Transportation and Distribution
GRI	Global Reporting Initiative		**TRIR**	Total Recordable Incident Rate
KPI	Key Performance Indicator		**ULD**	Unit Load Devices
LCA	Life Cycle Assessment			
LED	Light Emitting Diode			

GRI index

GRI standard	Disclosure	Location, page
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GRI 416: Customer Health and Safety (2016)	416-1 Assessment of health and safety impacts of product and service categories	9 Trips without temperature deviation
GRI 418: Customer privacy (2016)	418-1 Substantiated complaints concerning breaches of customer privacy and losses of customer data	35

Envirotainer°