

A young boy and girl are running through a field of tall, golden grass at sunset. The boy, on the left, is wearing a white t-shirt and blue shorts, holding a blue toy airplane. The girl, on the right, is wearing a striped tank top and a white skirt, holding a green toy airplane. The background shows a warm, orange-hued sky and a distant horizon with some buildings.

Cooling the Cold Chain

Advancing our Climate Journey

Sustainability Report 2023



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Overview



ENVIROTAINER AT A GLANCE

For a sustainable future

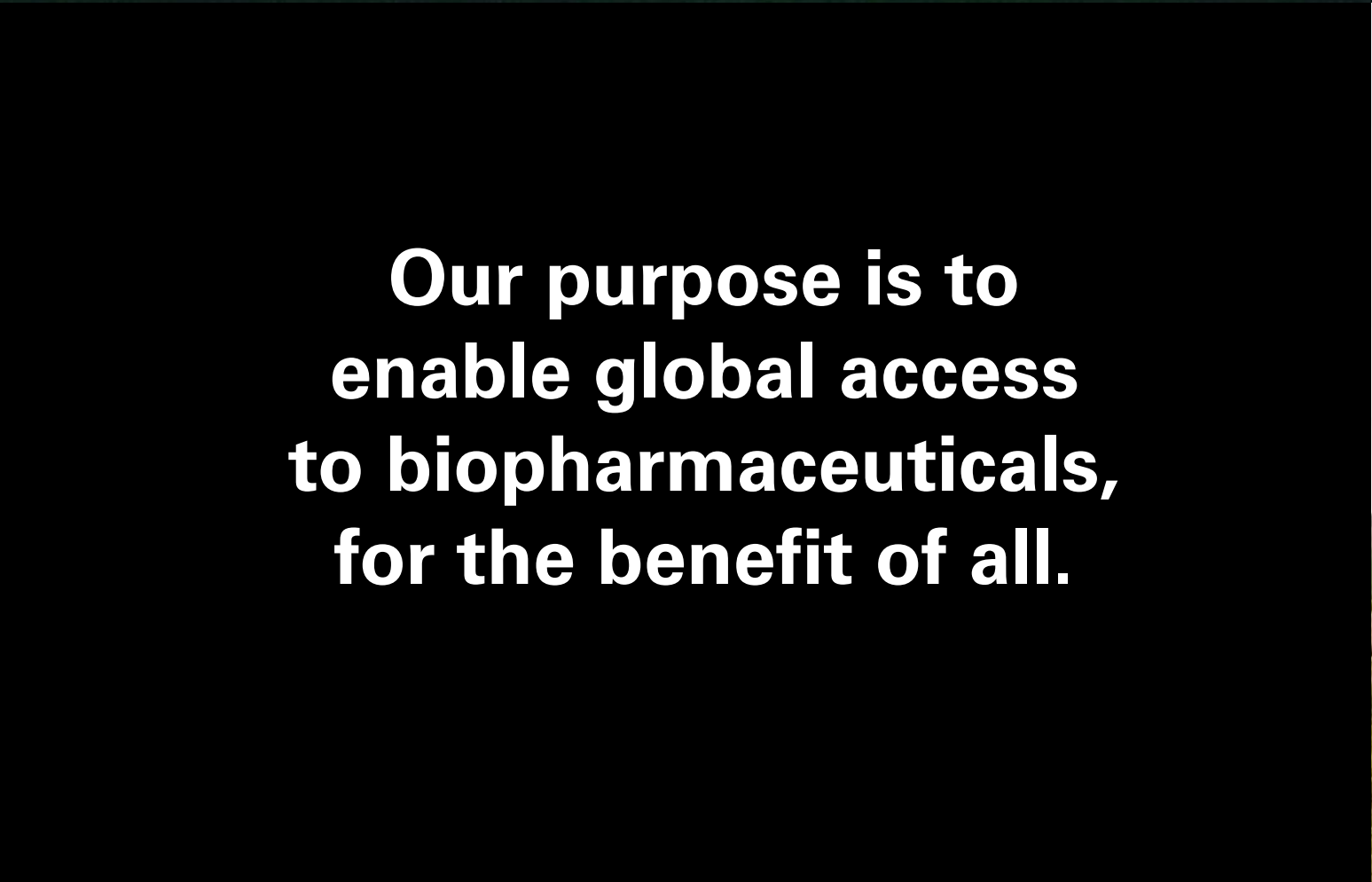
We are the global market expert in delivering life-saving pharmaceuticals through patient-safe, reliable, and efficient cold chain solutions, at speed and scale around the world. We are paving a path to a sustainable future.

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

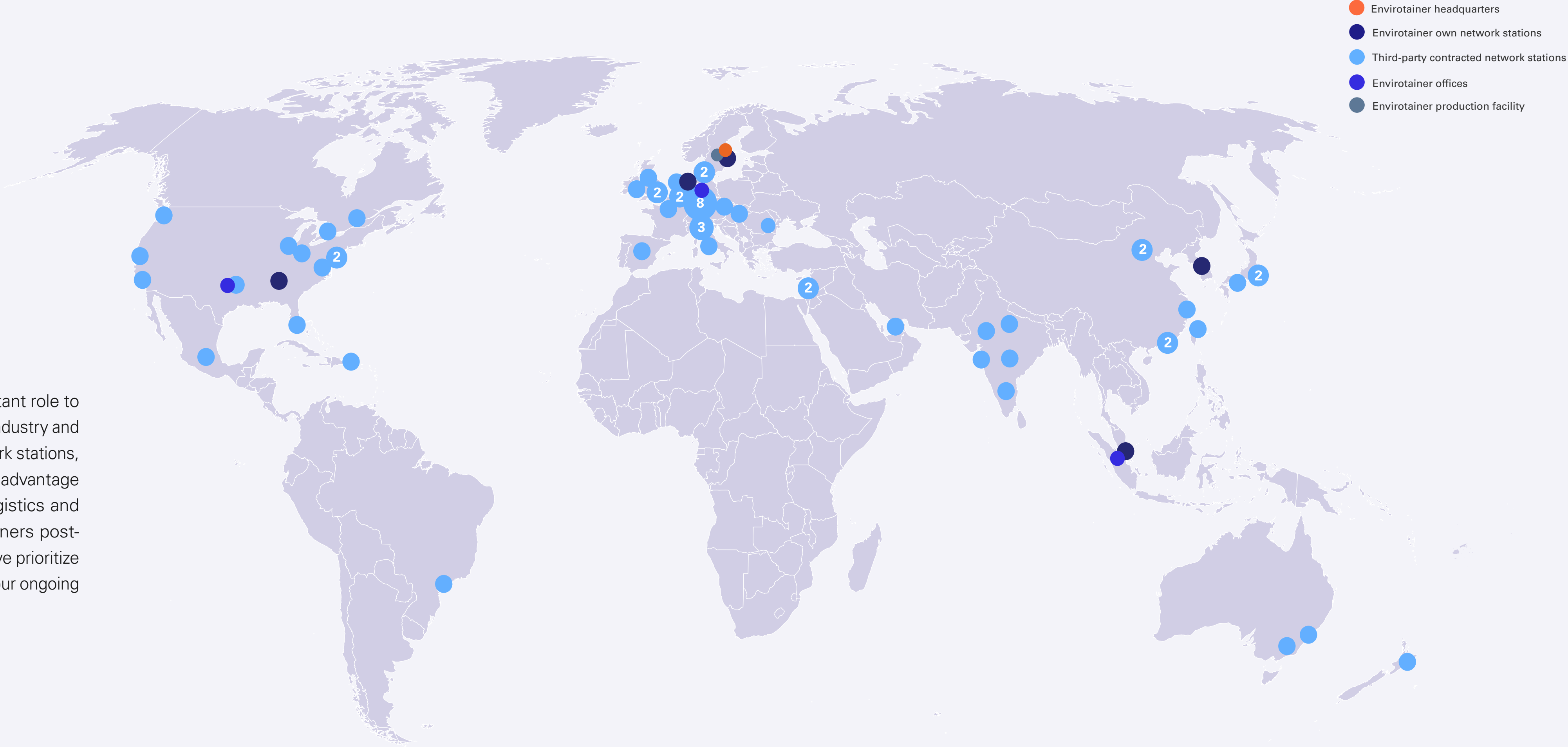
Every day, together with our partners, we help our customers deliver around 2 million doses of medicines and vaccines all over the world. With almost 40 years of industry leadership and a truly global presence, Envirotainer has built the world’s largest fleet of 8,000 containers, enabling us to provide 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.



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.



LARGEST FLEET IN THE INDUSTRY

8,000

ULD containers

GLOBAL STAFF PRESENCE

20

countries

WORLDWIDE LOGISTICS COVERAGE

3,300

trade lanes and 300 airports

GLOBAL NETWORK

66

Envirotainer network stations around the world

INDUSTRY LEADING SOLUTION

Releye® RAP

has the lowest CO₂e 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 year 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.

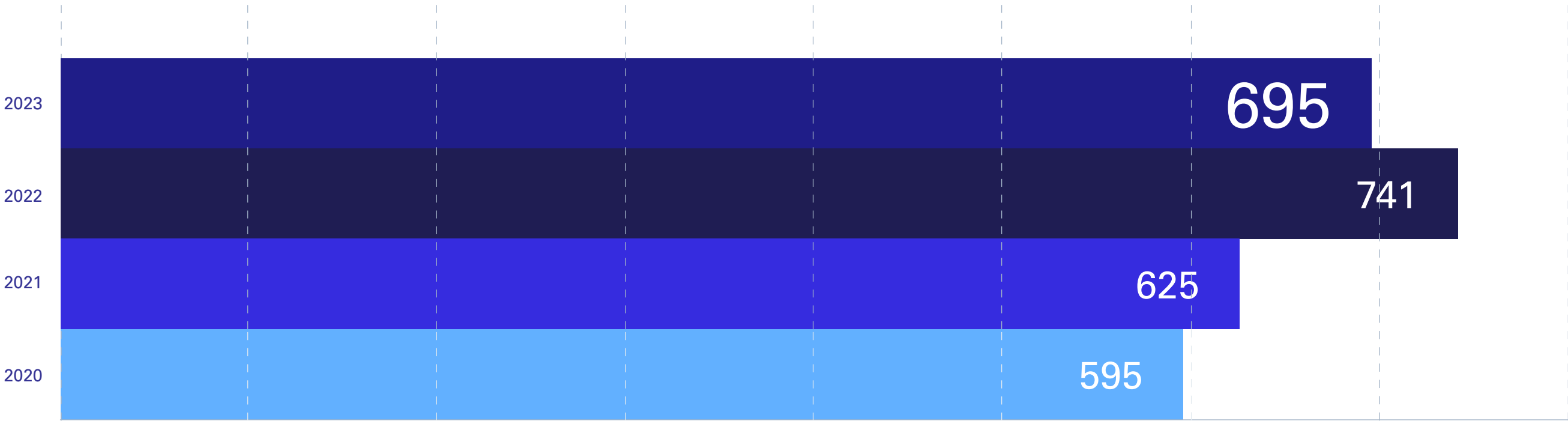
Our mission is to enable global access to biopharmaceutical. **In collaboration with our partners in the value chain, we contribute to the distribution of approximately 2 million doses per day of essential medicines and vaccines worldwide.** Our commitment to maintaining zero temperature excursions during 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.

“

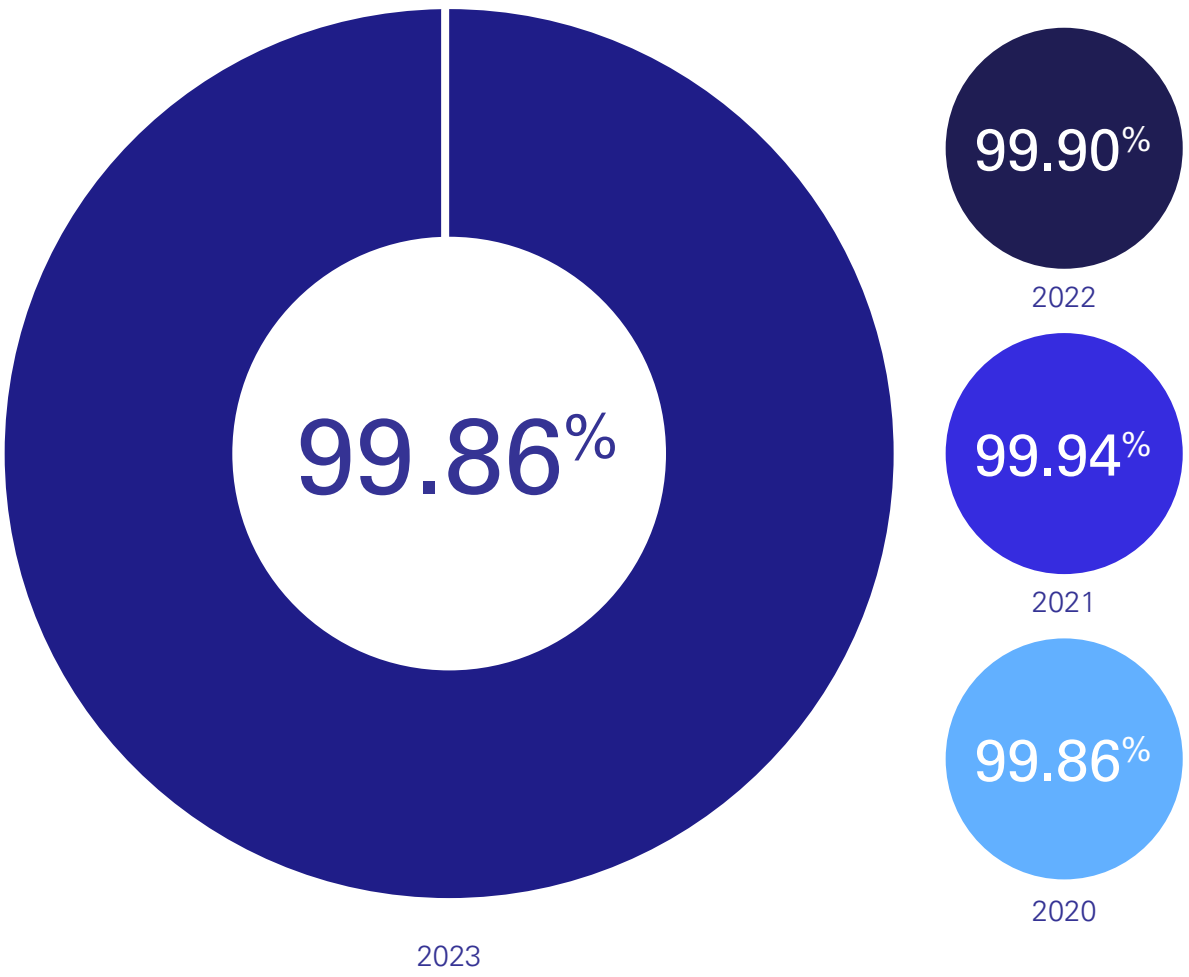
We are dedicated to ensuring our customers achieve their goals of safely and reliably delivering critical pharmaceuticals, while minimizing environmental impact. Our corporate KPIs not only drive our commitment to excellence but also guide us in pushing sustainability throughout our work with customers.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

Yeliz Yaykan
Customer Service, Team Manager EMEA

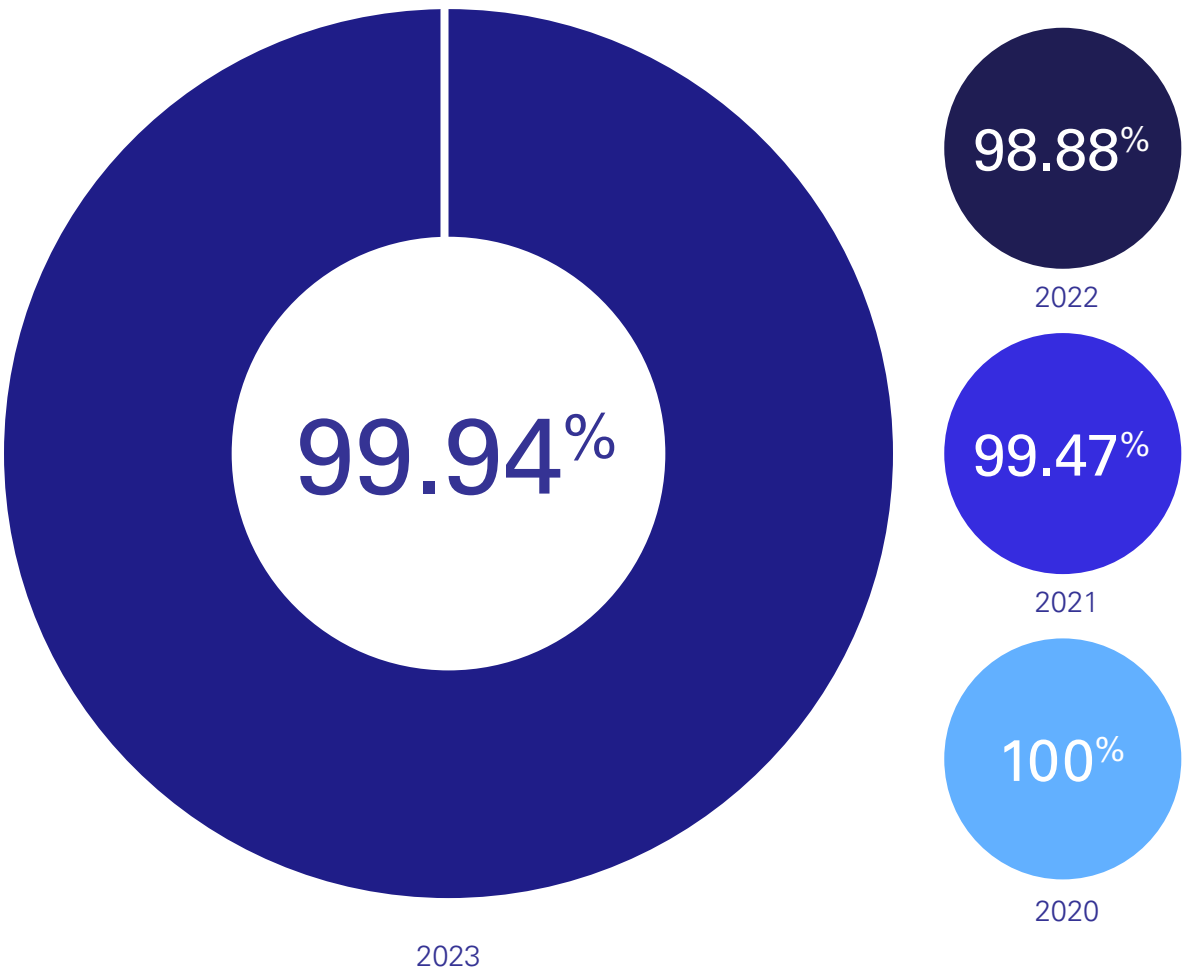
OF DOSES OF PHARMACEUTICALS DELIVERED (IN MILLIONS)



% OF TRIPS WITHOUT TEMPERATURE DEVIATIONS



AVAILABILITY (% OF TRIPS ON TIME IN FULL)



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.

SDGs:



Industry-leading solutions & innovations

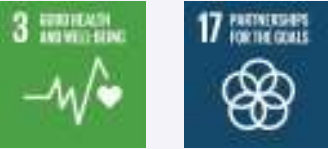
Our solutions are designed to lower the GHG footprint of the pharma cold chain. We strive to optimize weight, performance, and loading efficiency, while providing innovative services.

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.



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.



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



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



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



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



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



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

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 Targets¹, 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 3²). 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.

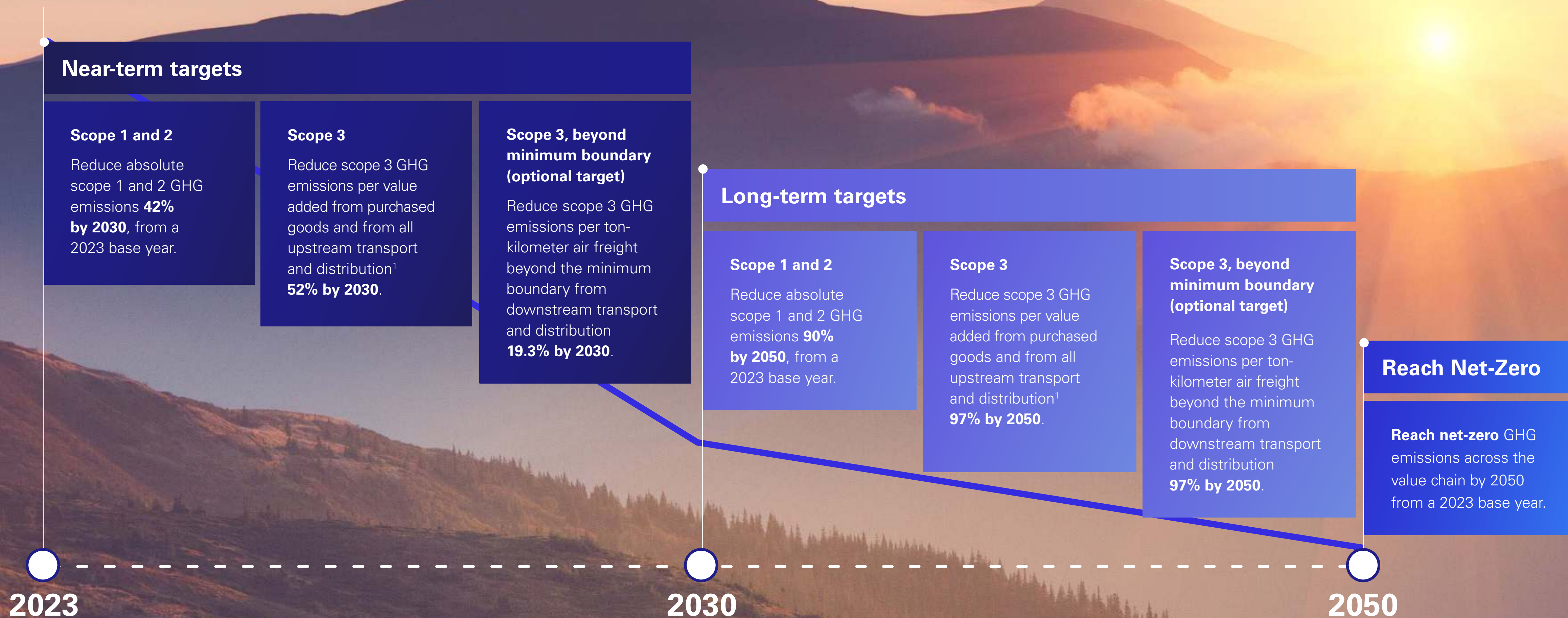
Our work in 2023 set us up to formally submit our targets for validation by SBTi, a significant milestone that underscores our commitment to sustainability and the fight against climate change. This validation will not only solidify our efforts but also serve as a catalyst for further action, pushing 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



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

APPROACH TO SUSTAINABILITY

Future-proofing our impact

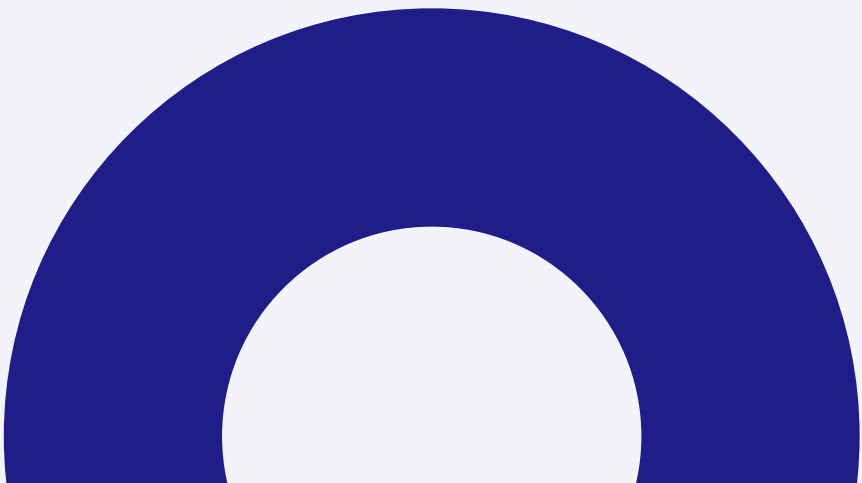
Envirotainer is deeply committed to sustainability across all aspects of our operations, striving to maintain rigorous standards throughout our entire value chain.

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 tCO₂e (compared to 1,440,000 tCO₂e 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 (RFI¹) 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-CO₂e 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

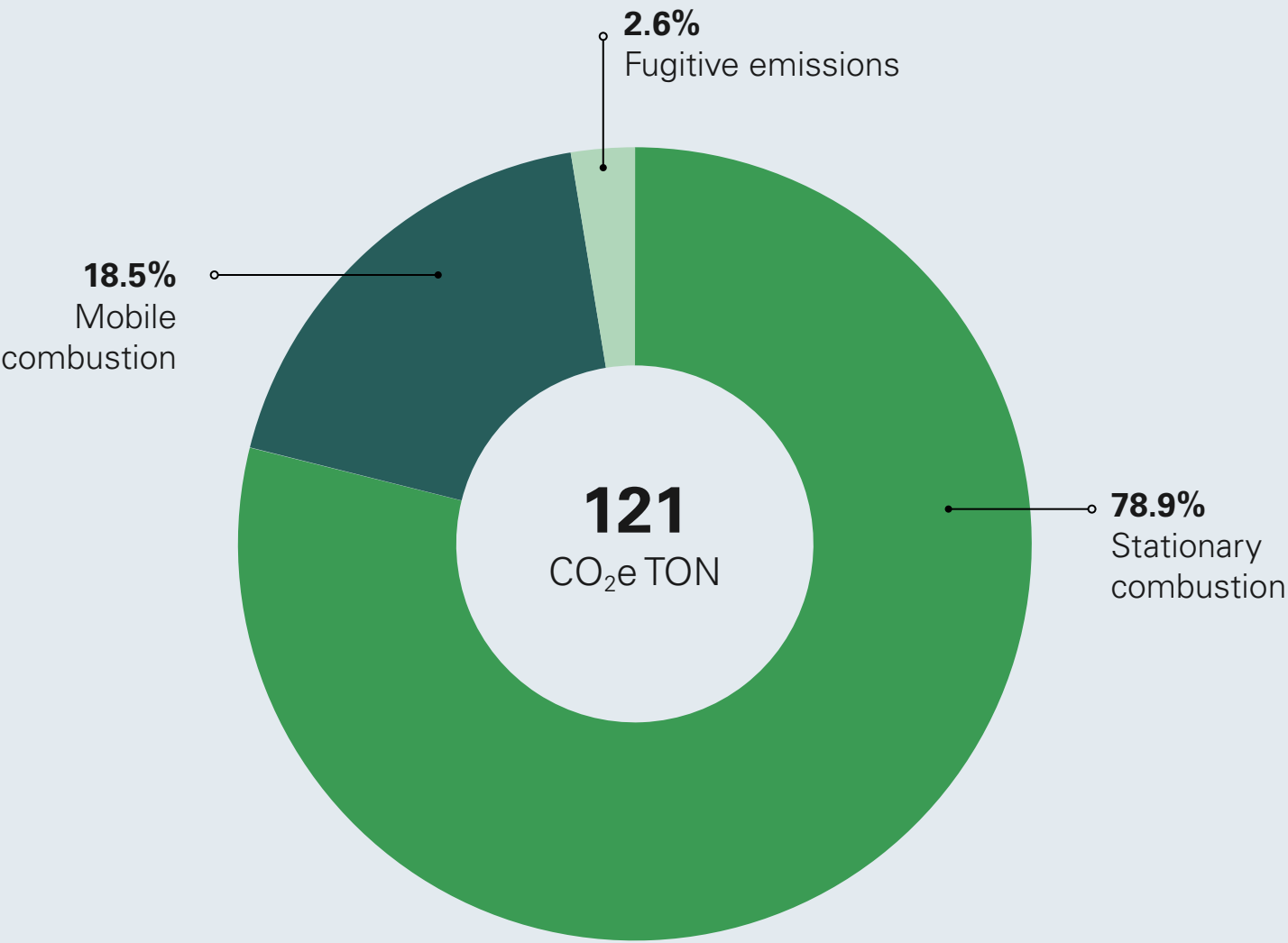
GHG protocol category	tCO ₂ e
Scope 1: Direct energy use per primary source	121
Stationary combustion	95
Mobile combustion	22
Fugitive emissions	3
Scope 2: Indirect energy use per primary source (market-based)	108
Electricity market-based ¹	101
Heating and cooling	7
Scope 3: Other indirect emissions	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

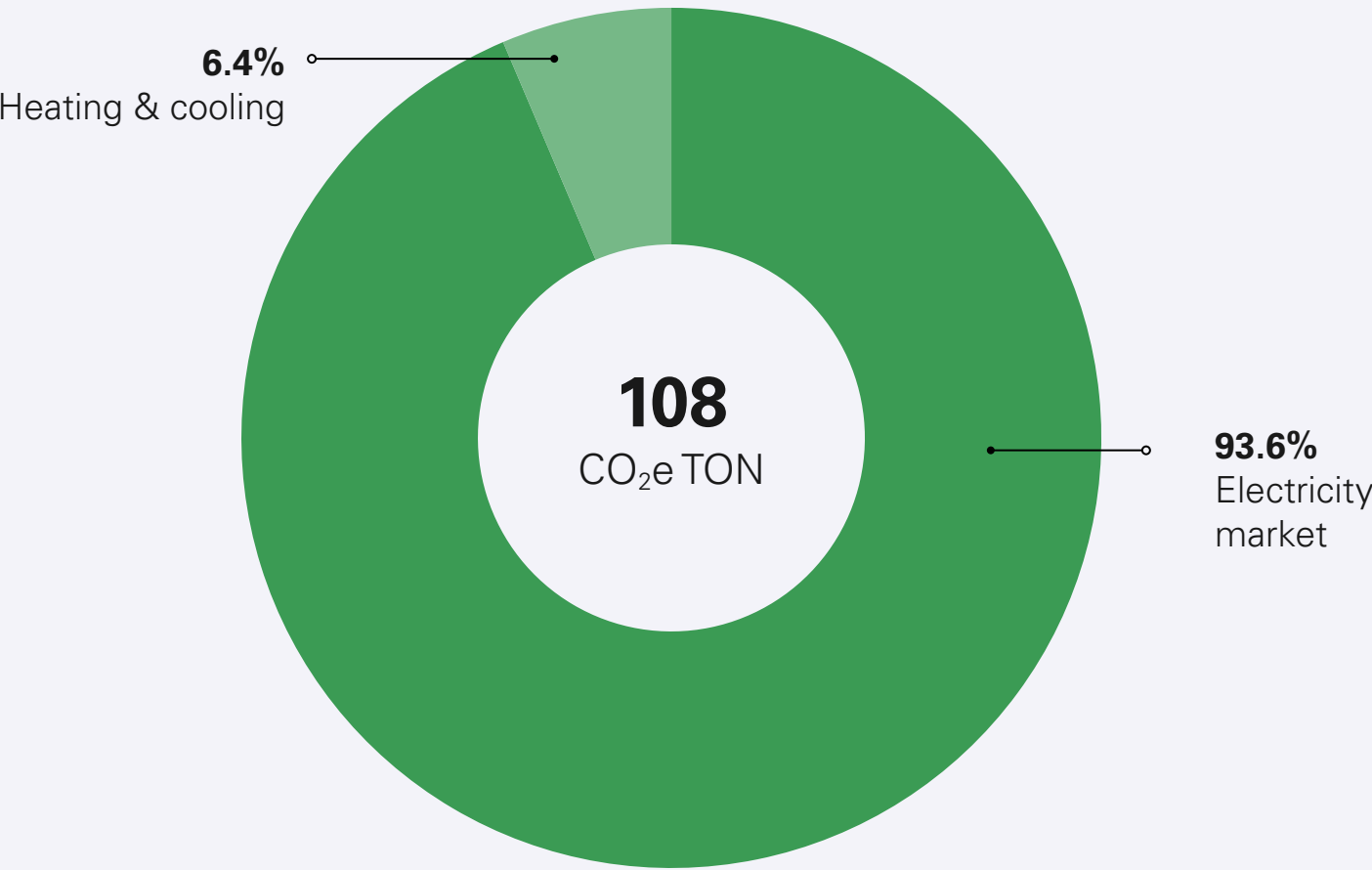
Scope 1

Direct emissions



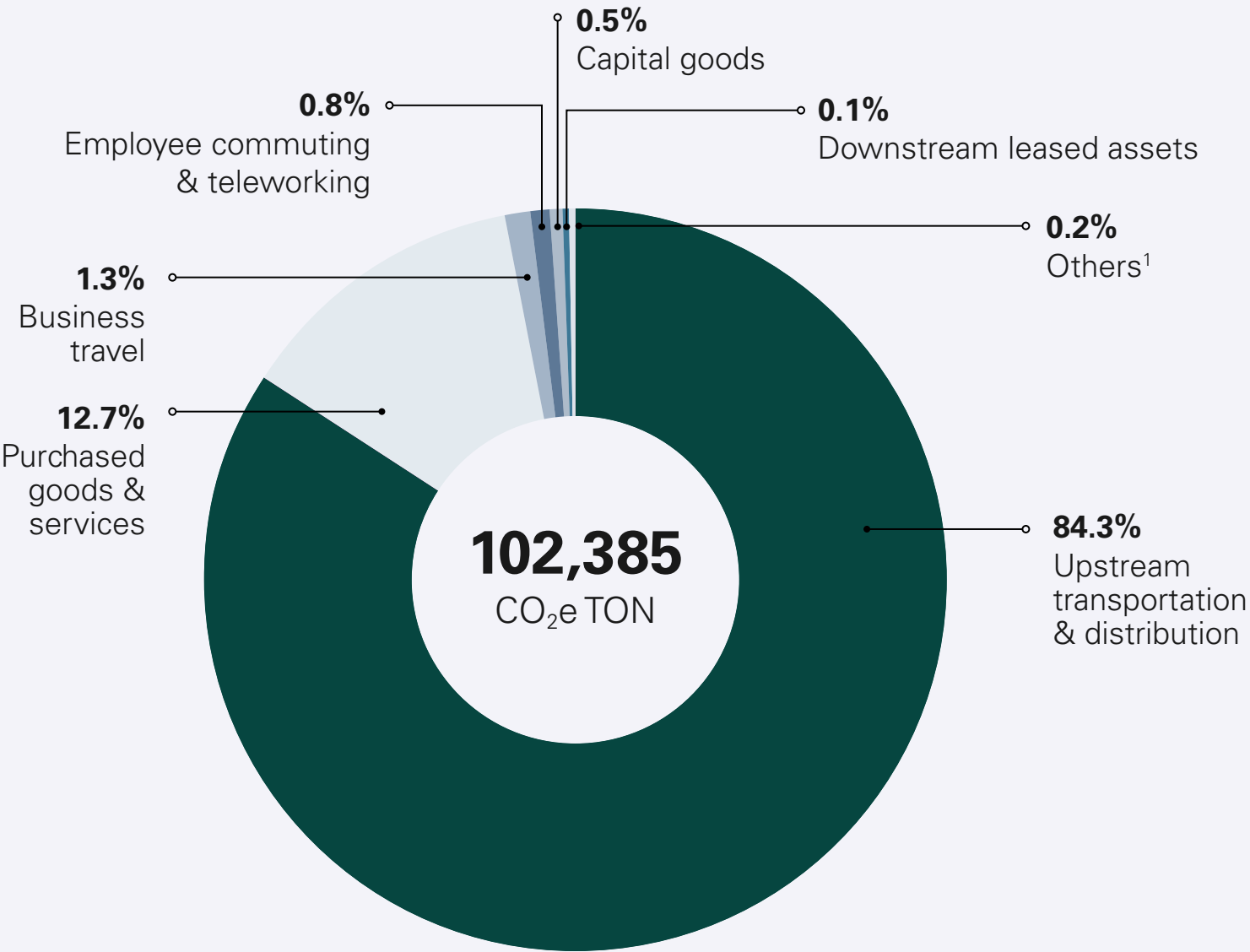
Scope 2

Indirect emissions



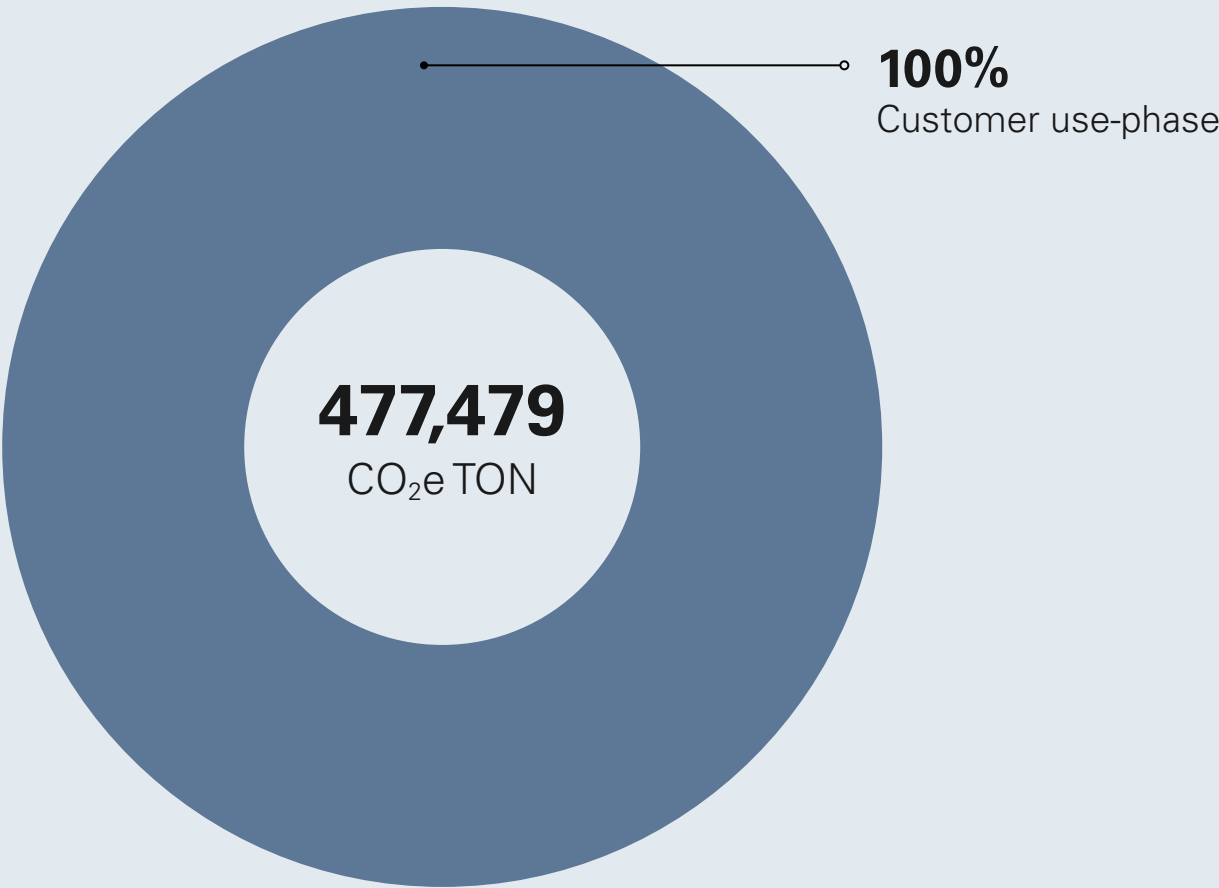
Scope 3

Indirect emissions value chain



Scope 3, beyond minimum boundary

Downstream transport (customer use-phase)



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 CO₂e 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 landfill.

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



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 renewables¹, 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.

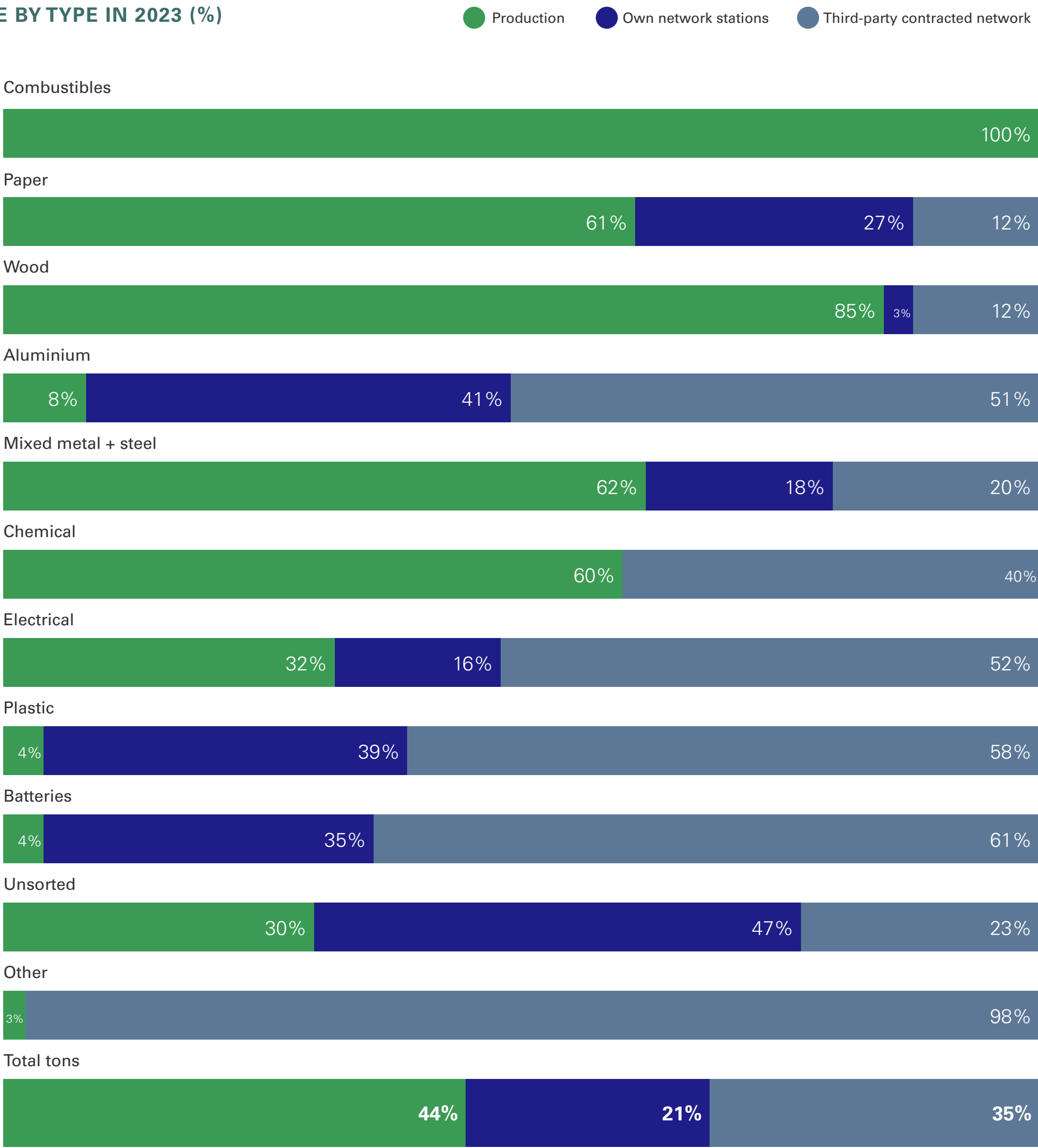
Waste from packaging materials, primarily wood, constitutes a significant portion of waste at our production facility and network stations. We recognize that our waste originates from multiple sources and locations (our production, our own network stations, and contracted network stations operated by 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.



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 (%)



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 CO₂e 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.

