

Environmental Policy

Purpose

LOWENCO is EN ISO 14001:2015 certified (environmental) and intend to leave a low carbon footprint on the environment as we develop, produce, install and maintenance freezers with ultralow energy consumption (LOWENergyCOoling).

LOWENCO's environmental policy describes the ambition and targets for our environmental agenda. It stimulates action across LOWENCO and for the different stakeholders in LOWENCO's value chain. Our environmental ambitions and commitments are part of LOWENCO's Sustainability strategy, which is based on the UN Sustainable Development Goals. The driver for our environmental policy is that LOWENCO should remain a climate leader and partner that decreases green-house-gas emissions and improve resource efficiency in the pharma and bio-tech industry, where our temperature-controlled storage solutions are used. Together with our customers, we ensure the most sustainable cold storage facilities in operation primarily by developing and offering the most energy-efficient solutions on the market, but also e.g. by offering special customized trolleys that enables a high utilization rate.

Applicability

This Policy applies to all employees at LOWENCO and it applies in all areas where LOWENCO operates. LOWENCO demands suppliers to align with our environmental policy (as well as Supplier Code of Conduct) which is described in the supplier handbook that must be approved of small and medium size suppliers. For other stakeholders, LOWENCO's business ethics policy applies.

To continue to be a climate leader in our industry we constantly striving to improve energy efficiency of our products, improving resource efficiency and thus mitigating overall emissions in the pharma supply-chain together with our partners and customers. For LOWENCO, this implies:

1. Offer the most energy-efficient ultracold storage solutions on the market to the pharma and bio-tech industries, and to continuously strive to improve energy efficiency further
2. Improve resource efficiency by minimizing biotech and pharmaceutical product loss in the storage through high reliability, due to redundancy, of our solutions.
3. Reduce waste in production and installation even further, by optimizing in the preliminary drawing, procurement and execution phase. Likewise, in the design phase, investigate the possibility of reducing waste by using the latest technologies and knowledge.
4. Contribute to mitigate the overall emissions in the pharma cold storage, by actively partnering with other participants in our eco-system to optimize the operation of the storage.

Responsibility

All LOWENCO employees are responsible for ensuring that our Environmental Policy is followed. Anyone who observes a violation from suppliers, including subcontractors, to LOWENCO's values must contact CEO.

LOWENCO's managers must monitor compliance with the policy and take action if change/correcting are needed.

Strategic objectives and measures

LOWENCO is committed to working together with stakeholders in a collaborative way and being transparent about what we learn along the way.

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The strategic objectives are:

- Zero biotech and pharmaceutical product loss in LOWENCO's temperature-controlled storage solutions.
- Most energy efficient cold storage solutions on the market
- LOWENCO wants to set a Science Based Target (SBTi), which is a climate goal that is scientifically based and aims to reduce companies' CO₂ emissions in accordance with the Paris Agreement's goal of limiting global warming to 1.5°C. They are important because they provide companies with a concrete path to sustainable growth and reduced climate impact. LOWENCO has been guided by the SBTi organization to a near-term reduction target of 38% in scope 1 and scope 2 by 2029.
- We also have objects for reducing scope 3, where the focus in the design phase is to optimize LOWENCO's primary product. To contribute to the reduction of climate change, according to a scientific basis, guidance from the Science Based Target Initiative is followed, and LOWENCO commit to verified targets on the official SBTi portal during 2025.
- The manufacturing process takes place with consideration for low energy consumption. The current landlord compensates with renewable energy, corresponding to the electricity consumed at the facilities (production, warehouse and administration). In future rental of buildings, LOWENCO will further require that the building has its own production of renewable energy (solar cells, geothermal energy etc.) that can cover LOWENCO's consumption of electricity and heat in both production, warehouse and administration.
- Waste reduction and increased recycling so that we do not use unnecessary materials or resources.

We have committed to focusing on reducing consumption and waste, as well as challenging and exploring the possibility of increased reuse and/or the recycling of residual products, the ratio must be less than 1, 2022 is the baseline.

- The objective remains low water consumption, so that we do not use unnecessary resources. With increased growth and number of employees, for hygienic reasons, we must expect an increase of water consumption proportional to the growth, as water-saving fittings have already been implemented, 2022 is the baseline.
- Eliminate polluting discharges, including air and groundwater pollution, by ensuring the use of the least harmful chemical products, correct waste management and safe transport of hazardous waste according to LOWENCO's chemical risk assessment, for the benefit of people and the environment. The goal is that no more than 5 environmental incidents (all forms of emissions included) per year may occur, 2023 is the baseline.

LOWENCO work thus systematically with environmental measures within three areas:

1. Protecting the biotech and pharmaceutical products
 - LOWENCO's products provide high-quality and long life cycle solutions for biotech and pharmaceutical products, thus avoiding pharma product loss during temperature-controlled storage.
 - We aim to increase the offering and use of maintenance/services to ensure the integrity of the storage and limit unnecessary loss of biotech or pharmaceutical products.

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- We aim to assess and address foreseeable environmental, health and safety-related effects associated with our solutions and services, promoting a circular economy.

2. Minimizing our environmental footprint

- We shall work to increase the transparency of the carbon footprint for the use of our temperature-controlled storage solutions and, allow relevant comparability.
- We shall take into account the complete lifecycle, designing products so that the impact in production, use and disposal is reduced and waste management enabled.
- We shall minimize emissions from our production and at installation at the customer, to keep our contribution to climate change at a low level.
- We strive to maintain our position as a leader in designing, developing, constructing and maintenance products in ways, that ensures low energy consumption.
- We shall take into account the environment impacts given rise to the risk assessment and, where possible, reduce and replace harmful substances and materials used in our products and processes.

3. Leading the development in the value-chain

- Suppliers must document how to avoid conflict minerals end up in our products.
- We shall encourage employees, suppliers, subcontractors, and other business partners to operate in a sustainable and environmentally responsible manner and to adopt the principles set out in this policy.
- We have partnerships that helps ensure progress in biodiversity the local area of our production, where we have opportunities to contribute to favourable impact.
- We continuously strive to provide reliable temperature-controlled storage solutions that promote larger capacity storage, which are more resource-efficient during use, than multiple smaller solutions.
- We shall provide investors and other stakeholders with open and transparent information about our environmental initiatives and sustainability performance by publishing relevant information in the sustainability section of LOWENCO's Annual Report.

Management must:

- Develop procedures and monitor compliance.
- Set annual targets for the Environmental Policy.
- Ensure environmental consideration before introducing new/redesigned products.
- Ensure open and responsible communication with stakeholders incl. authorities about environmental issues.
- In cooperation with the health and safety organization, provide relevant and effective training in the field.
- Ensure that employees appointed to have environmental responsibilities are educated and dedicated to their job.
- Ensure cooperation with customers, suppliers and other partners supports LOWENCO's Environmental Policy.
- Ensure that in critical situations (emergency evacuation) the CEO is informed immediately.

For details see Action Plan for Environmental Efforts

This policy is reviewed annually at the board meeting.

Approved and hereby signed of LOWENCO's CPO:



Anders Skarby

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