


Sustainability report

2024



Vistin Pharma



We believe in balance in life.
We want to grow our business,
but not at the expense of the
environment, people's wellbeing,
or sound business principles.

Balance by Vistin Pharma

Balance by Vistin is established to increase focus on sustainability and create more impact with our initiatives. The sustainability program will structure our efforts and make sure that we work holistically in our company and with our suppliers, partners and customers.

Key Figures in 2024

90%

recycling grade in
the plant

80%

less water consumption
by recycling

95%

reduction in VOC

~0%

effluent to the fjord
of Metformin API

0,011

kg CO₂e/kg API
Scope 1

0,001

kg CO₂e/kg API
Scope 2

100%

renewable hydropower
usage

The Balance concept consists of 3 main focus areas.



Healthy environment

Vistin is a «green» and environmentally friendly pharmaceutical company with a “no harm” vision. We have ambitions to be a “front runner” within production and production processes that are environmentally friendly compared to the industry standard. We want to increase production to serve more diabetes 2 patients, but without increased environmental impact on water, air and soil.



People in focus

As a global supplier of key pharmaceutical products Vistin is committed to good governance and committed to be a responsible member of the society. With our culture and ethical guidelines, we rely on all employees to make the right choices and act according to the company's Code of Conduct.



Clean operations

At Vistin we believe in a healthy work environment with happy employees. We have a policy to ensure that all employees have equal opportunities. We assure safe work conditions and nurture a sound business culture for our employees and partners to feel well. We support the development of employees as well as local communities. We expect our suppliers and business partners to support the development and well-being of their employees and contribute to society at large.

Vistin Pharma's 8 goals for achieving increased sustainability.

- 1 80% recycling of process water.
- 2 95% less VOC to air in 2025 vs 2020.
- 3 Carbon neutral on Scope 1 and Scope 2 by 2030.
- 4 Reduce scope 3 emissions by selective procurement towards lower carbon footprint.
- 5 Reduce pharmaceutical content in waste.
- 6 No increase in discharge to sea from doubled manufacturing capacity. Innovative process design in expansion project.
- 7 Ensure control of effluents to sea, by continuous program for monitoring.
- 8 Reduction of plant energy consumption.

Vistin in the future.

CO₂ footprint

During 2022 Vistin started to measure the Scope 1 and Scope 2 greenhouse gas (GHG) emissions from our manufacturing and energy consumption which is included in this report*. Producing Metformin HCl is a very energy consuming process (>1 million kWh/month).

Vistin is located in Norway and use only 100% pure renewable hydropower (rainwater falling from the mountains by gravity and driving electric generators) and therefore the CO₂ equivalents from our energy consumption are limited to as little as <10 grams CO₂e per produced kg of Metformin API.

This is likely the most environmentally friendly and sustainable production of Metformin API in the world. Vistin has also started the detailed work to analyze our complete Scope 3 emissions in our global supply chain of suppliers, and aspire to include this in the future.

*As baseline for calculations Vistin is using the GHG Protocol and the Science based approach framework to calculate our CO₂e

Metric	2020	2021	2022	2023	2024	2025 Target	2030 Vision	Permit 2025
VOC to air [kg/kg API]	0,014	0,009	0,009	0,004	0,003	0,003	0,003	-
Water use [m ³ /kg API]	0,13	0,13	0,096	0,078	0,071	0,05	0,024	-
Butanol to water [g/kg API]	0,03	0,03	0,032	0,025	0,029	≤0,025	≤0,015	250 kg pr. year
Metformin to water [g/kg API]	0,002	0,001	0,0001	0,00004	0,000	≤0,001	≤0,0005	12 kg pr. year
KOF to water [g/kg API]	0,092	0,1	0,0879	0,0608	0,064	≤0,09	≤0,01	720 kg pr. year
Lost time injuries (LTI)@70FTE	0	9h	0	1	1	0	0	-
Sick leave [%]	5,3	4,8	3,8	4,7	5,9	<5	<4,5	-
Production Volume (Metric ton)	3500	3600	3700	5300	5 300	5000-7000	7000	-
Scope 1 CO ₂ e [kg/kg API]	-	-	0,03	0,02	0,011	0,02	0	-
Scope 2 CO ₂ e [kg/kg API]	-	-	0,01	0,01	0,001	≤0,001	0	-

Scope 1 definition: CO₂ equivalents caused by consumption of gas, oil, petrol, diesel in relation to energy production. In 2023 Vistin used some diesel to ensure stable energy from an extra generator during planned yearly maintenance of the electrical steam boiler.

Scope 2 definition: CO₂ equivalents caused by purchased energy consumption. Vistin consumption of energy is >1 million kWh/month, and Vistin use only 100% sustainable hydropower from Norway in our manufacturing.

Some examples of sustainability activities already in operation

Compliance with the 2023 Norwegian Transparency act where all companies in Norway are to analyze the risk of social discrepancy and risk of potential violation of human rights or poor working conditions not following local employer rules and regulations. Based on the national surveillance program and measurements of pollution to air, Vistin Pharma can show that our continuous improvement focus on environmental impact is working.

The report is published on the Vistin website.



Instalment of freshwater recycling plant

Investment of € 1,5 million in a new freshwater recycling plant to reduce water consumption by 80%



Ongoing certification for ISO14001

Audit certification successfully completed. Ongoing closure of findings.



Investment in wastewater discharge tank

To avoid any uncontrolled discharge to the local community sewer.



National surveillance program

Industrial impact on fjords and effluents. Started in 2017. Latest measurement in 2024 show no traces of our activities.



New VOC investment, Technology development project

Invested approx. € 1 mill to establish a new state of the art VOC to reduce the emission of solvents to air by > 95%. Measurements done in 2024 show that the company is below requirement from the environmental authorities.

Contribution to UN Sustainability Goals

The Sustainable Development Goals (SDGs) have been agreed by all 193 UNmember states in 2015 and guide governments, civil society and the private sector in a collaborative effort for change towards a sustainable development. Vistin support the UN sustainability goals and has through 2024 worked closely with its internal and external stakeholders to define where Vistin can have the greatest impact, but also contribute to others. These SDGs are described below:

Vistin influence several of the UN SDG's by its operations.



1. No poverty

Vistin contributes by producing and delivering affordable Diabetes type 2 API medication to more than 50 million patients worldwide every day through global customers of pharmaceutical companies. Affordable medication is key to fight poverty.



3. Good Health and wellbeing

Vistin contribute by producing and selling affordable, safe and efficacious medication API.



5. Gender equality and 10. Reduced inequalities

Vistin has equal rights and gender equality in its company. Vistin is located in the Nordics where equal rights between sexes are high in both culture and society in general.



6. Clean Water and sanitation, 13. Climate action, 14. Life below water and 15. Life on land

Vistin is highly focused on preventing effluents to water, air and soil. Vistin has established ambitious goals to minimize its environmental footprint to levels well below the permits granted. Vistin aspires to be a front-runner in this area.



7. Affordable clean energy

Vistin has shifted from oil-based energy to 100% hydropower energy which is the most environmentally friendly energy source. The more companies that demand sustainable clean energy in their operations, the more this fosters further development and investments in this area.



9. Industry, Innovation and Infrastructure, 11. Sustainable communities and Cities and 12. Responsible consumption and production

Vistin wants to be a good corporate citizen and a good neighbor for the local community. The company has high focus on reducing local and global emissions, and programs are in place to consume responsibly and recycle where possible.



17. Partnerships for the goals

Vistin's business model is to have long-term relationships with the customers, and together set goals and expectations to the company's operations, customers and suppliers.



Healthy environment



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A healthy future

Vistin has a long-term goal of having no negative impact on the environment.

Our Achievements

- We have shifted from oil-based energy to hydro powered energy to reduce carbon footprint.
- Implemented internal recycling of waste in our manufacturing plant and focus on reusable gear instead of one-time equipment.
- Instalment of machines and equipment which will enable 80% reduction of water consumption through recycling.
- Vistin recovers and reuses > 95% of our solvents used in the manufacture of metformin.
- Vistin has invested approx. €1mill in a technology development project and establish a new state of the art. VOC to reduce the emission of solvents (butanol) to air by > 95%.

Healthy environment



Mette collects samples from the seabed

A good neighbor

Vistin Pharma is committed to being a responsible neighbor by ensuring that our operations have no negative impact on the environment, people, or the local community.

Healthy environment

- Vistin has, since 2017, been part of a national program for surveillance of industrial impact on fjords and effluents. Surveillance program and ecotoxicology test confirm that Vistin do not impact the effluent negatively.
- We have launched a technology project to fractionate distillation by-products into components that can be repurposed as raw materials for other industries—transforming waste into valuable resources.
- To prevent uncontrolled discharges, we have invested in a secondary barrier, including a dedicated wastewater discharge tank. As a result, for the past four years, there have been no discharges into the local community sewer beyond the strict limits set by the Norwegian Environmental Authorities.
- As part of our commitment to the circular economy, waste generated at Vistin is sent to an approved incineration facility, where the energy is recovered and reused as heat for local communities and industries.



Regular Surveillance and Fjord Monitoring



Regular surveillance and sampling of the fjord

To ensure that no effluents reach the sea, we conduct regular sampling at monitoring points in the Kilfjord near our facilities. Since 2017, Vistin Pharma has been part of a national surveillance program that monitors effluents in the environment and their effects on living species.

As part of this effort, we routinely collect and analyze samples from marine life in the fjord near Kragerø. This proactive approach allows us to assess our long-term environmental impact and uphold our commitment to sustainability.

A good neighbor

Vistin Pharma wants to ensure that we are a good neighbor for the local community, and that we follow our ambition to have no negative impact on environment, people and local community.

The results

Latest results from 2024 shows that Vistin's effect on the sea from our metformin production, is the same as from one diabetes patient per year! We take great pride in these results, as they demonstrate our dedication to sustainability and distinguish us as a responsible and reliable supplier.



Sampling points in the Kilfjord outside Vistin Pharma facilities to ensure no effluents to sea

People in focus

As a global supplier of key pharmaceutical products Vistin is committed to good governance and committed to be a responsible member of the society. With our culture and ethical guidelines, we rely on all employees to make the right choices and act according to the company's Code of Conduct.



Healthy people

Our goal is to create and maintain a healthy work environment with both happy and talented employees.

Achievements

- The statistics of only two TRI's and LTI's (lost time injury) for seven consecutive years show that the company's focus on creating an EHS culture and establishing barriers to minimize the risk of accidents has been successful. Sick leave for the year totaled 5.9% compared to 4.7% last year, which is below industry average.
- At Vistin we have a well-balanced gender equality and age distribution and a policy to ensure all employees have equal opportunities based on skills and potential.

Clean operations

At Vistin we believe in a healthy work environment with happy employees. We have a policy to ensure that all employees have equal opportunities. We assure safe work conditions and nurture a sound business culture for our employees and partners to feel well. We support the development of employees as well as local communities. We expect our suppliers and business partners to support the development and well-being of their employees and contribute to society at large.



At Vistin we aim to keep growing while keeping our business clean as well as our environmental footprint.

Healthy environment

- Vistin's operational sustainability improves the material flows and financial success of our customers by ensuring a steady and continuous delivery of high-quality product from Vistin Pharma without supply constraints.
- Vistin has over the last couple of years invested more than €4 mill in the Fikkjebakke plant to reduce operational risks and improve product quality and performance.
- Vistin has invested >€10 mill in establishing a 2nd parallel metformin HCl production line in the Fikkjebakke plant. The objective is to double the current production capacity and be able to grow with our customers and the ever growing metformin market and significantly reduce the risk of potential production stops due to machine failures.
- Vistin has done a tremendous work to analyse and document the nitrosamine content in more than 600 batches of metformin HCl. We have received positive results from the analyses showing that our product does not contain detectable contents of nitrosamine.



Vistin Pharma