

LFB Environmental Policy

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The Group, aware of its role in the ecological transition, is taking action to reduce the environmental footprint of its activities, preserve natural resources and strengthen the resilience of its sites to the effects of climate change.

Human health and environmental quality are inextricably linked, and LFB recognises that environmental pressures - air quality, water quality, exposure to chemicals or extreme weather events - can directly trigger the onset and worsening of many diseases. Respecting the environment also means preserving public health and contributing to the resilience of the healthcare system, which is already tested by the rise in health risks linked to climate change.

This ambition translates into an approach based on continuous improvement integrated into all of the Group's activities. LFB is acting simultaneously on several levers at once: identification and anticipation of physical risks related to climate, preservation and management of water resources, reduction of greenhouse gas emissions, integration of life cycle analyses into its industrial practices, eco-design of its packaging and limitation of waste production.

This LFB Environmental Policy applies to the entire Group and concerns all employees, as well as all stakeholders working at industrial sites or collection centres – service providers, suppliers, partners and visitors alike.

This policy was developed in collaboration between several departments and is validated by the CEO, the Industrial Operations & Quality Department, the Sustainable Development and CSR Department, the EHS Department and the Engineering Department. Changes to this text will be submitted to these directors for approval and shared with all employees.

Our strategic commitments

LFB's Environmental Policy lays out several structuring commitments aimed at reducing its environmental impacts and strengthening the resilience of its industrial sites.

- **Reduce our GHG emissions at our sites and throughout our value chain:**
 - By carrying out a complete carbon footprint assessment across all scopes;
 - By defining a decarbonisation trajectory;
 - By reducing our scope 1 and 2 emissions: within the framework of ISO 50001, the aim is to meet applicable legal requirements and continuously improve energy performance and the Energy Management System (EMS).
 - By reducing our scope 3 emissions: in particular reducing the environmental footprint of our purchases (*see Responsible Purchasing Policy*), our products and the travel of our employees.

- **Promote the eco-design of products, limit waste production and pollution:**
 - By analysing the life cycle of our products;
 - By developing an approach based on the eco-design of our packaging in partnership with our suppliers;
 - By limiting waste production on our sites.

- **Adapt to the consequences of climate change:**
 - By anticipating and preventing LFB's climate-related physical risks;
 - By preserving water resources and optimising their use to strengthen the resilience of sites.

- **Preserve biodiversity and ecosystems:**
 - By gradually engaging in a structured approach that relies on recognised standards;
 - By identifying the local biodiversity of the sites operated by the Group, and then implementing appropriate actions to preserve it.

In line with these commitments, LFB has set itself several ambitious objectives to be met by 2030:

- Set up an environmental management system and an energy management system aligned with the ISO 50001 standard. A specific energy policy is annexed to this environmental policy and applicable at all sites in France;
- Reduce LFB's water consumption by 10% (vs 2022);
- Reduce greenhouse gas emissions by 43% for scopes 1, 2, and 3 (vs 2022);
- Bring the percent recycling of non-hazardous waste to 80%;

- Carry out the carbon footprint assessment of products representing 80% of LFB's revenue using the methodology for assessing the carbon footprint of medicinal products published by the Ministry of Health¹.

These commitments are key to LFB's Environmental Policy. They constitute the operational translation of the "Respecting the environment" pillar of the Group's CSR strategy and are compatible with a logic of constant progress. Developed from the lessons learned in the dual materiality analysis, they guide LFB's actions towards the most significant environmental challenges faced in its activities and for its stakeholders.

The Group also strives to comply with all applicable environmental regulations at each of its sites and in each of the countries where it operates. LFB rigorously applies local requirements relating to resource management, waste, emissions and discharges, and anticipates regulatory developments to ensure the sustainable and responsible compliance of its activities. The Environmental Policy guides all of the Group's actions to reduce its impact on the environment and sustainably integrate the protection of natural resources into all its activities. The progress and performance of these measures are monitored and communicated regularly to stakeholders, notably through the Group's CSR Report.

¹ [15012025-methologie-carbone-medicaments.pdf](#)

Our key actions

The Group mobilises dedicated human, technical and financial resources to oversee the effective implementation of its environmental action plans. These resources monitor performance indicators, train our teams, modernise our facilities, and coordinate initiatives and projects between sites. LFB relies on the expertise of its internal services and on external partnerships to strengthen the effectiveness and consistency of its actions over time.

Reduce our GHG emissions at our sites and in our value chain

LFB has committed to reduce its greenhouse gas emissions by 43% by 2030 for scopes 1, 2, and 3 compared with 2022. To achieve this objective, the Group has defined a decarbonisation trajectory and rolled out the associated action plan across all of its scopes.

In-depth work is carried out internally to consolidate the assessment of LFB's emissions and ensure that it is reliable and complete. Furthermore, the resulting carbon footprint is reviewed by an external third party, thus further guaranteeing the robustness and transparency of the approach.

Defining a decarbonisation trajectory

- Map out LFB's decarbonisation trajectory by defining and building on the levers and associated action plans;
- Evaluate the impacts of investment projects (CAPEX) and the Group's strategic objectives on the decarbonisation roadmap.

Reducing our GHG emissions in scopes 1, 2 and 3

- Meet applicable legal and other requirements (standards) relating to energy efficiency, energy use and energy consumption;
- Optimise the monitoring of our consumption by implementing an ISO 50001 certified energy management system at the Lille, Les Ulis and Arras sites and a network of energy managers at the sites concerned. A specific energy policy is annexed to this environmental policy and applicable at all sites in France;
- We take energy performance into account in our purchases of products, services and equipment;
- Promote development initiatives that also serve to improve energy performance;
- Reduce the carbon footprint of our purchases (*see the Group's Responsible Purchasing Policy*).

Promote the eco-design of products, limit waste production and pollution

Analysing the life cycle of our products

LFB aims to carry out a carbon footprint assessment by 2030 using the Life Cycle Assessment (LCA) method for products representing 80% of its revenue, in order to accurately evaluate their carbon footprint and identify the most effective levers and initiatives to reduce it.

Our key actions:

- Simplified Life Cycle Assessment (LCA) of the main products, focused on their carbon footprint (methodology recommended by the French Directorate General for Enterprises and Directorate General for Health);
- Optimisation of manufacturing purchases;
- Optimisation of manufacturing processes;
- Optimisation of deliveries from the production site to the final destination.

Eco-design of our packaging

By the end of 2027, LFB will ensure the eco-design of its packaging for products representing 80% of its revenue, based on customer needs, particularly in terms of product use and associated waste management, in order to reduce their environmental impact and optimise the use of resources.

Our key actions:

- Formal dialogue with customers and healthcare facilities in France to understand their needs in terms of product use and associated waste management;
- Identify areas for improvement in primary, secondary, and tertiary packaging
 - Ensure sustainable sourcing of our supplies;
 - Reduce the quantities of raw materials needed to produce packaging (ink, cardboard, glue, wedging material, leaflet, etc.);
- Consider possible partnerships with waste recovery and recycling sectors.

Since 2025, LFB has been participating in the e-leaflet experiment led by the steering committee for ecological planning in French hospitals. This two-year pilot phase plans to eliminate paper leaflets for certain products dispensed in hospitals. Two medicinal products (5 product references) from LFB were selected for the hospital e-leaflet experiment².

² Source: [Dossier thématique - Quels médicaments sont concernés par la phase pilote - ANSM \[Thematic dossier - Which medicinal products are concerned by the pilot phase - ANSM\]](#)

Limiting waste produced at our industrial sites and collection centres

In its efforts to reduce the production of waste, LFB focuses on two major areas: the recycling of hazardous and non-hazardous waste, and innovation in its manufacturing processes.

And, towards the same goal, LFB has also set itself two other priorities: to study the decontamination of 100% of DASRI plastic waste (plastic healthcare waste with a risk of infection) by 2030 and to achieve the recycling of 80% of non-hazardous waste over the same horizon.

Our key actions:

- Evaluate the feasibility and implement the decontamination of DASRI waste;
- Recycle non-hazardous waste;
- Optimise the management of general waste;
- Define virtuous production processes before they are implemented;
- Continue to promote the recycling of ethanol.

Pharmaceuticals in the environment

According to the European Commission, a large proportion of the medicinal products we consume do not disappear after use: up to 90% of the dose administered orally may be released into the environment³. These substances, which are often still active even after metabolism, are found in the faeces and urine of humans and animals and thus contribute to environmental contamination. These pharmaceutical residues can harm ecosystems and contribute to antimicrobial resistance which is a threat to human health.

A comprehensive analysis of the environmental/ecotoxicological risk associated with the administration of LFB's medicinal products to patients was carried out. All of LFB's medicinal products are natural human proteins. Therefore, their administration to humans does not promote the excretion of toxic or active substances that could contaminate wastewater and have negative effects on the health of ecosystems and humans. Furthermore, none of the excipients used in the formulation of LFB's medicinal products pose environmental/ecotoxicological risks.

³ Communication from the Commission to the European Parliament, the Council and the European Economic and Social Committee: European Union Strategic Approach to Pharmaceuticals in the Environment, March 2019.

Adapt to the consequences of climate change

Anticipating and preventing LFB's climate-related physical risks

LFB is committed to assessing the Group's climate vulnerabilities based on the National Climate Change Adaptation Plan (PNACC⁴) and the Climate Change Adaptation Trajectory (TRACC⁵), focusing in particular on changes in temperature, precipitation, fire risks, and water stress at its sites and throughout its value chain.

Our key actions:

- Map the climate risk exposures of major assets and the value chain, with the technical support of an external partner;
- Identify the Group's vulnerabilities;
- Define short-, medium-, and long-term adaptation measures to ensure the resilience of our operations.

Preserving water resources and optimising their use to strengthen the resilience of sites

Water is an essential resource, both for ecosystems and for our activities. The quality of our products, the safety of our processes and the resilience of LFB sites to climate risks depend on preserving it. The company is aware of this challenge and takes action to optimise its consumption, prevent pollution of aquatic environments and promote sustainable resource management in all its operations.

With this objective in mind, LFB has committed to reducing water consumption at its sites by 10% by 2030 (vs 2022).

Our key actions:

- Conduct a diagnosis of water consumption and map the sites that contribute most to the Group's water consumption, including sites in water-stressed areas;
- Implement specific action plans on each site, for example by improving the efficiency of cooling systems and reducing cleaning water consumption through the optimisation of existing cleaning processes.

⁴ Third National Climate Change Adaptation Plan (2024)

⁵ Reference Warming Trajectory for Climate Change Adaptation

Increasing LFB's resilience starting with the process development phase

LFB invests in process development efforts to strengthen, from the design stage, the resilience of its activities to environmental and climate challenges. The aim is to integrate the principles of eco-innovation into production processes, new product development and resource management. In a science-based approach and in collaboration with its academic and industrial partners, these development programmes thus contribute to improving energy efficiency, reducing the consumption of raw materials and promoting cleaner and more sustainable technologies. The Group aims to develop environmental production projects in the form of proof-of-concept pilots to explore solutions to achieve meaningful impacts.

Preserve biodiversity and ecosystems

Biodiversity and the preservation of ecosystems are key to protecting the environment and maintaining natural equilibria. They ensure environmental resilience, contribute to climate regulation, soil and water quality, and continuity of the resources required for our activities. Now more than ever, companies must actively step up in the face of the rapid loss of species and degradation of habitats to reduce the pressure their activities put on nature and help restore it. The Group recognises its responsibility to preserve life and has been progressively integrating this dimension at the core of its environmental strategy, by:

- Gradually engaging in a structured approach that relies on recognised standards;
- Identifying the local biodiversity of the sites operated by the Group, and then implementing appropriate actions to preserve it.

This approach aims to better understand and control our interactions with the natural environments in which we operate.

Beyond actions specifically aimed at protecting biodiversity, the Group also acts across the board to limit its impacts on ecosystems, through climate-related actions including prevention of pollution and management of waste and water. This approach extends to the entire value chain, particularly through the requirements of the Group's Responsible Purchasing Policy.

Communication of the policy

This Environmental Policy is dynamic and will continue to evolve over time: it is accessible to all on the intranet and on the LFB website, presented to each new employee, and promoted throughout the year through initiatives and key events.

The measures also include a campaign accessible to all employees to raise awareness about all of the company’s sustainable development challenges, including those connected with environmental issues. Built with internal experts and available in several languages, this programme aims to increase understanding of the impacts related to LFB’s activities and the Group’s commitments.

This cause is also addressed by the Responsible Purchasing Policy, which commits LFB teams and the company’s partners to incorporate environmental impacts in their decisions and collaborations.

These combined efforts serve to make a culture of shared responsibility a core concern of the business, hand in hand with partners and stakeholders in a process of shared progress. We believe that collective engagement stems from information, listening and recognising the role of each individual.

Together, we are making LFB a Group that acts sustainably, preserves resources and reduces its environmental impact.

Signing party	Function	Signature
Jacques BROM	Chief Executive Officer	
Vincent LORET	Director of Operations	
Clotilde VINCENT	Director of Sustainable Development and CSR	
Roxane LEUNG-TACK	Group HSSE Director	
François BALSALOBRE	Group Director of Engineering and Technical Services	

APPENDIX

LFB Energy Policy

The LFB Group has chosen to adopt a methodical approach to energy management in order to control energy consumption at its sites in France and reduce its environmental impact.

To fulfil this commitment, the LFB Group is implementing a management system that complies with the ISO 50001 standard.

The objective is to continuously optimise the use, consumption, and energy efficiency of its activities and facilities. This approach applies to the scope defined in the field of application, which means that it includes our partners, service providers and suppliers.

The LFB Group's Energy Policy was structured by Management around 9 key areas:

- Foster continuous improvement in terms of energy savings and energy performance in our energy-intensive facilities in order to reduce our carbon emissions by 2030.
- Ensure compliance with applicable regulations and other energy-related requirements;
- Optimise and track the systems we use to monitor and control consumption;
- Identify the areas where our energy use is high with the help of effective measurement and monitoring tools;
- Implement targeted action plans to control our energy consumption and measure our impact, using 2022 as the reference year;
- Ensure the information and resources needed to achieve our objectives and targets are easily available;
- Strengthen communication with suppliers and service providers regarding ISO 50001 certification;
- Encourage the purchase of energy-efficient products and services.
- Raise awareness among our employees about controlling our energy consumption and achieving our energy objectives;
- Work with the energy teams to facilitate management reviews across all sites within the scope.

Management has committed to respect this policy and allocate the necessary resources to ensure that the energy management system runs smoothly, is effective and is continuously improved, all in compliance with ISO 50001.