

Our journey towards CARBON NET-ZERO by 2050

Climate change is one of the major challenges of our time. Scientists estimate that unless humanity changes course quickly, many species will become extinct, food security will be threatened, and human activities will be compromised by 2100. We can already see the effects: temperatures are rising, leading to more droughts and more frequent and intense storms.

These clear signals show us that we – individuals, governments and companies alike – must act now and act fast, mitigating climate change by reducing emissions of greenhouse gases (GHG)*. As a world leader in the Food and Beverage sector, we understand the importance of taking concrete steps towards achieving carbon net zero and play our part in tackling climate change.



Nurturing the future

Our Net-Zero commitment



To focus our efforts on the right level of ambition, we have worked with the Science Based Targets initiative (SBTi), an independent organization who provides the guidance and criteria to define reduction targets aligned with what the science deems necessary to achieve Paris Agreement Goals. **SBTi reviewed and approved our targets in July 2024.**

Our ambition on Climate is clear: reduce emissions all along our value chain (scopes 1, 2 and 3) **to achieve Carbon Net-Zero by 2050.** To guide our progress, we have drawn up a strategy based on four intermediate commitments, each supported by a concrete action plan.

WHAT ARE SCIENCE-BASED TARGETS?

GHG emissions reduction targets are considered 'science-based' if they align with the latest climate science requirements to meet the goals of the Paris Agreement, which aims to limit global warming to 1.5°C above pre-industrial levels.



*Greenhouse gases. GHGs considered are the gases covered by the UNFCCC / Kyoto Protocol: carbon dioxide (CO₂); methane (CH₄); nitrous oxide (N₂O); hydrofluorocarbons (HFCs); perfluorocarbons (PFCs); sulphur hexafluoride (SF₆); and nitrogen trifluoride (NF₃).

How do we quantify our emissions?

In order to measure and manage GHG emissions in our whole value chain, we follow the **GHG Protocol Standards***, a robust international methodology. This is a key element to guarantee the accuracy of our progress monitoring.

* Flash this code to learn more about the GHG Protocol Standards

BREAKDOWN OF GREENHOUSE GAS EMISSIONS CALCULATED ACCORDING TO THE GHG PROTOCOL METHODOLOGY

SCOPE 1 & 2

GHG emissions generated by Lactalis owned operations

6%

SCOPE 1

Direct GHG emissions from sources owned or controlled by Lactalis

SCOPE 2

Indirect GHG emissions associated with the generation of electricity, heating/cooling, or steam purchased by Lactalis

SCOPE 3

Indirect GHG emissions that are a consequence of Lactalis activities but occur from sources not owned or controlled by the company.

12%

SCOPE 3 NON-FLAG

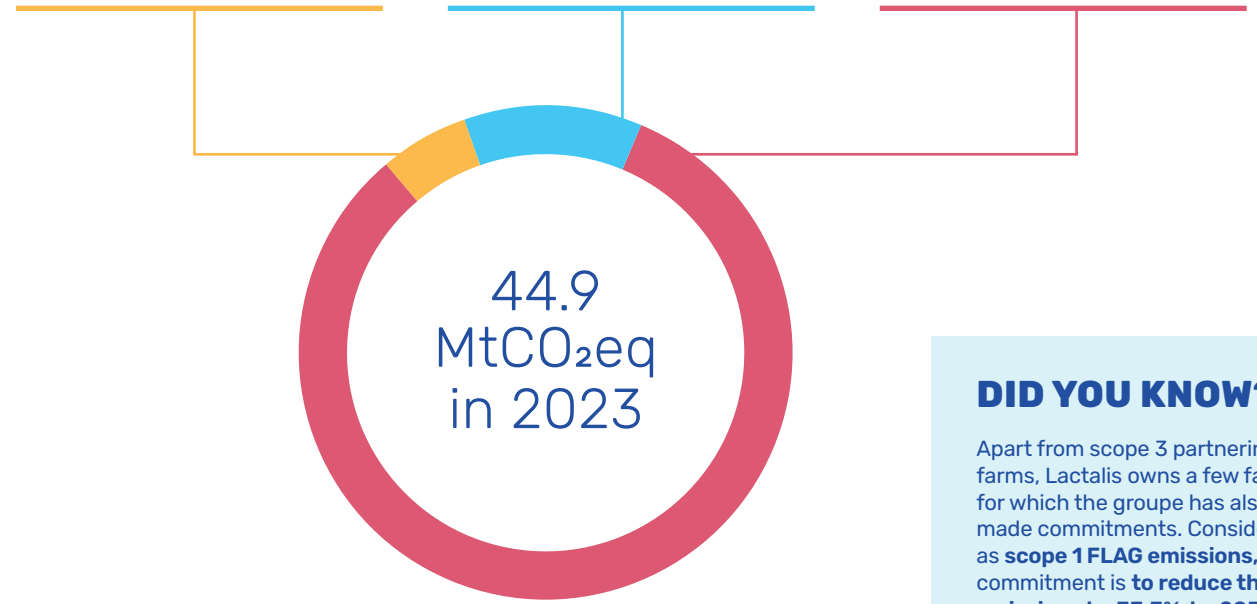
All other types of GHG emissions related to energy and industry. At Lactalis, these emissions are mainly arising from purchased goods and services, transport and distribution, capital goods, as well as fuel - and energy - related activities.

82%

SCOPE 3 FLAG (Forest, Land & Agriculture)

Indirect GHG emissions coming from land use change, deforestation and agricultural practices. At Lactalis, these emissions are mainly associated with our milk supply activities.

-10,3%
SCOPE 1&2
reduction between
2019 and 2023.



44.9
MtCO₂eq
in 2023

DID YOU KNOW?

Apart from scope 3 partnering farms, Lactalis owns a few farms, for which the groupe has also made commitments. Considered as **scope 1 FLAG emissions**, our commitment is to **reduce these emissions by 33,3% by 2030 from a 2019 base year.**

Our reduction targets validated by SBTi

2025

2028

2030

2030

OUR COMMITMENTS	ZERO DEFORESTATION	SCOPE 3 NON-FLAG	SCOPE 1 & 2		SCOPE 3 FLAG
OUR MAIN ACTIONS	<p>End deforestation across our value chain by the end of 2025.</p> <div data-bbox="203 813 589 970"> <p>Flash this code to learn more about this commitment in our position paper</p> </div>	<p>Ensure 73.8% of our suppliers and customers* by emissions have science-based targets by 2028**</p> <ul style="list-style-type: none"> ● Raise suppliers' awareness: Development of support pathways according to maturity, in-house training to adopt a climate strategy. ● Support suppliers: Enhance exchanges with suppliers by setting up a collaborative platform. ● Collaborate with suppliers: Development of joint projects to decarbonize our value chain. 	<p>Reduce our SCOPE 1&2 absolute emissions by 46.2% by 2030 from a 2019 base year</p> <p>TRANSPORT ACTIVITIES</p> <ul style="list-style-type: none"> ● Enhance driving practices: Implementation of best practices, eco-driving training... ● Transition to less carbon-intensive fuel: Utilization of alternative fuels, installation of electric pumps... ● Improve vehicles: Modernization of the fleet, installation of speed limiters... ● Optimize transport flows: Optimization of transport plans, optimization of loading efficiency... 	<p>PRODUCTION & WAREHOUSING ACTIVITIES</p> <ul style="list-style-type: none"> ● Improve Operational efficiency: Implementation of best practices in production and storage. ● Transition to less carbon-intensive energy sources: Switch to less emissive types of energy, eg. from fuel to natural gas. ● Promote transition to renewable energy sources: Investment in renewable energy production equipment. 	<p>Reduce our SCOPE 3 FLAG absolute emissions by 30.3% by 2030 from a 2021 base year***</p> <ul style="list-style-type: none"> ● Build and refine Climate roadmaps: Building specific climate roadmaps for our milk supply to reduce GHG emissions at farm level. ● Carry out on-farm audits: Assessing 100% of our partnering farms on carbon footprint with diagnosis and progress monitoring. ● Train our dairy technicians: Developing a climate training program for our dairy technicians.

To achieve **CARBON NET-ZERO** by 2050

we are aware that we will also have to neutralize the remaining GHG emissions that cannot be eliminated from our value chain. In that matter, the ability of plants to sequester carbon and store it in biomass and soils will give us a strategic asset: carbon removals. As a company in the Forest, Land and Agriculture (FLAG) sector, we fully embrace our role to unlock the potential of our land-intensive activities and will work on the development of removals within our value chain. We also do not exclude applying Beyond Value Chain Mitigation to help us transition towards a Net Zero society in the years ahead. By uniting our efforts to reduce emissions, we can pave the way for a brighter, more sustainable future for all.



*Covering purchased goods and services, capital goods, fuel- and energy-related activities, upstream transportation and distribution and processing of sold products. ** Commitment on 67% of Lactalis scope 3 non-FLAG. *** Commitment on 67% of Lactalis scope 3 FLAG GHG emissions.



Nurturing the future



Learn more about
our CSR actions
on Lactalis' website

