



CHÂTEAU LAFITE ROTHSCHILD

AN EXCEPTIONAL VINEYARD
IN THE HEART OF A PROTECTED ECOSYSTEM



Goal 2024		In conversion to organic farming since 2021
Since 2019		Member of the first Bordeaux Wine EMS (Environmental Management System) Association, certified ISO 14001
Since 2018		HVE (High Environmental Value) certified

FOR A SUSTAINABLE VITICULTURE

- After 5 years of experimentation on our vineyard, the application for Organic Agriculture certification was submitted in 2021. In addition to the organic conversion, 16 hectares are being farmed biodynamically. A doctoral thesis is underway to study the modes of action of biodynamic preparations on vines.
- The selection of plant cover beneficial to the structure and life of the soil means that tillage can gradually be limited: 100% of the vineyard is grassed over at least the winter.
- Faced with climate change, Lafite is the group's main research and experimentation site with the PHARE Project:
 - observatory plot for massal selection and varietal trials: 44 ha observed, 344,400 vines evaluated, 91 vines selected after viral analysis. 38 different grape varieties planted for their potential to adapt to climate change and their resilience.

- For the management of our areas:
 - Participation in the sea cow conservation plan with a herd of 40 cows.
 - Inventories of fauna that led to the identification of a protected species: The large copper.
 - Presence of beehives.

126 ha



of woodland and marshland classified as Natura 2000

- Hedge planting continues to reinforce biodiversity corridors towards the marshes.

OBJECTIVE 2030 **7 km of hedges planted and 60 trees to create copses**

267 HA
ESTATE

112 HA
UNDER VINE

104
EMPLOYEES





SAVE NATURAL RESOURCES AND FAVOUR RESPONSIBLE SOURCING

- Lafite has a “green” contract for electricity and has been producing the equivalent of almost 10% of its consumption since 2015.
- For the restructuring of Lafite’s winery, integrating

100 000 kwh / year
produced by our PV panels

the 300 criteria of the BDNA (Sustainable Building Approach in New Aquitaine) reference system enabled us to validate the Gold level for the design phase; there will be 2 other commissions to then assess the Completion and Use 2 years later.

- Among the project’s strong points are:



- Limiting as far as possible the energy impact of the processes integrating the layout of the spaces and the use of geothermal energy with an estimated reduction of over 70% in our consumption.
- Avoid man-made influence on the natural environment, with a new cellar made of local ashlar replacing an existing building; most of the demolition products will be integrated on site. The chosen project does not require the construction of a transitional winery.
- Rainwater from the 4 500 m² roof will be collected in 2 tanks of 150 and 180 m³ for various uses on site.
- On the vineyard side, to limit the carbon impact, electric power is being tested with a Vitibot robot for working in rows, gardening equipment, a service vehicle, and still our 4 electric ATVs.

A CONSUMER-DRIVEN PHILOSOPHY

- Protecting our wines is an absolute priority: Our capacity for surveillance, fraud prevention and authentication has increased with the ProofTag system since 2012, and various invisible markers evolving regularly.

For packaging, specifications are defined with a view to limiting the environmental impact.

SOLIDARITY ABOVE ALL

540 g

the weight of the Lafite bottle

- **Lafite 2024 will be the first organic vintage.**
- To reduce physical effort and improve working conditions:
 - Supervised daily warm-ups to prevent MSDs (musculoskeletal disorders).
 - Experimentation with manual exoskeletons and research into PPE (Personal Protective Equipment) suitable for everyone.
 - A secure area equipped with all the facilities needed to welcome grape-pickers.
- To help people discover the vineyards and make them more attractive, Lafite regularly welcomes people from the nearby Maison de Formation Rurale (rural training centre) and other training organisations. Likewise, since 2019, the grape harvest has provided an opportunity to welcome around ten refugees with the Action Emploi Réfugiés association.
- Support for local community initiatives and projects has been structured through the FIL (Fonds d’Initiatives Lafite).
- In 2023, more than half of the employees were involved in various solidarity missions:
 - Combating invasive species in the Cousseau nature reserve.
 - Renovation of the Secours Populaire premises in Pauillac.
 - Help with food collections with Boussole Solidaire.
 - Coaching for jobseekers with Cravate Solidaire.



“Resolutely committed to adapting its viticultural practices (organic farming, redevelopment of the vineyard, conservation plot), Lafite is opening a new chapter in its long history!”