

**C A S A  
B R A N  
C A I A**

# **SUSTAINABILITY REPORT 2024**



## THE COMPANY

Founded in 1981 by Bruno and Brigitte Widmer, Brancaia is a Tuscan winery built on a steadfast **commitment to excellence**. This dedication shapes not only our pursuit of crafting high-quality wines, but also our responsibility to minimize our environmental impact through a strong focus on **sustainability**.

Rooted in Chianti and Maremma, our work is devoted to preserving the land's natural **harmony**. We achieve this by blending time-honored traditions with innovative techniques, fostering a balanced relationship between nature and the art of winemaking.

Over the decades, our deep **passion and love for Tuscany** have flourished into a remarkable portfolio: ten distinctive wines, two refined grappas, a cold-pressed olive oil, and a gin—all crafted to capture the authentic essence of the region we are privileged to nurture.







## OUR SUSTAINABILITY APPROACH

At Brancaia, sustainability is at the very core of our identity.

We believe that the well-being of our environment, the strength of our business, and the welfare of our community are all interconnected. That's why we equally embrace ecological stewardship, economic resilience, and social responsibility.

Our continuous journey toward improvement is evident in every decision we make: from **organic viticulture** and **resource-efficient production** practices, to our commitment to **ethical labor** and **community engagement**.

Each initiative detailed in this report not only enhances our sustainability, but also reflects our ecological way of working and thinking. By transforming challenges into opportunities, we ensure that Brancaia remains a model of responsible and innovative winemaking for generations to come.

This vision led to our journey towards the **EQUALITAS Certification**, emphasizing sustainability across the whole winemaking chain.





## OUR CERTIFICATIONS



2019

CERTIFIED EU-ORGANIC



2024

CERTIFIED EQUALITAS





## OUR SITES

Brancaia's estate spans approximately 185 hectares across 3 key production areas located in **Chianti** and **Maremma**:

- Castellina in Chianti
- Radda in Chianti
- Montebottigli, in the municipality of Grosseto

Our logistics center, located in Colle Val d'Elsa (SI), is where we carry out final refinements on our wines and manage their storage.

	Chianti	Maremma
Vines	40.5 ha	36 ha
Olives	8.5 ha	1 ha
Arable land	5 ha	-
Forests/ uncultivated land	81 ha	11 ha



# THE ECOSYSTEM



## ENVIRONMENTAL COMMITMENT



Viticulture Practices



Forest Stewardship



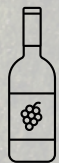
Energy Consumption



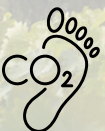
Water Management



Waste Management



Packaging



Carbon Footprint & Emissions



## ETHICAL & SOCIAL RESPONSIBILITY

Workers & Community



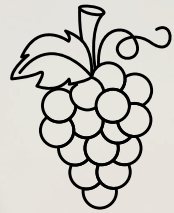
## ECONOMIC IMPACT

Investments & Future objectives



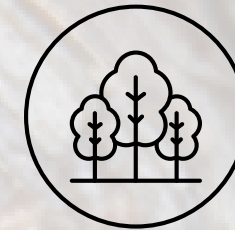


# ENVIRONMENTAL COMMITMENT



## VITICULTURE PRACTICES

- **Cover crop** practice since 1996
- Use of **low-vigor rootstocks**
- Organic **compost**
- **Ban on synthetic herbicides or insecticides** since 2015, leading us to the **organic certification** in 2019
- Since 2017 **massal selection**
- **DSS** (Decision Support System) collecting data from weather and soil sensors to optimize resource use



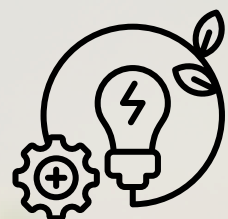
## FOREST STEWARDSHIP

- Over **150 ha of forests** and natural lands acting as CO<sub>2</sub> sinks, promoting biodiversity and soil health





# ENVIRONMENTAL COMMITMENT

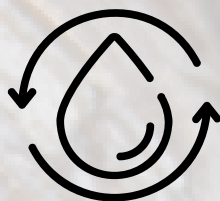


## ENERGY CONSUMPTION

- Total consumption (2024): 626.032 kWh

Location	kWh
Colle Val d'Elsa	294.000
Radda	192.033
Grosseto	139.999

- **Photovoltaic system** installed in Colle Val d'Elsa in 2024 to reduce consumption and CO<sub>2</sub> emissions



## WATER MANAGEMENT

- Water consumption (2024): 9163 m<sub>3</sub>

Location	m <sub>3</sub>
Colle Val d'Elsa	2237
Radda	1129
Grosseto	5797

- Smart drip-irrigation in Maremma





## ENVIRONMENTAL COMMITMENT



### WASTE MANAGEMENT

- Focus on **recycling** glass, paper and plastic
- **Reuse** of old barrels to create furniture and decorations
- Internal **composting** of vine cuttings and green waste
- Active use of **fitodepuration** and activated **sludge** for wastewater treatment
- Total waste (2024): 32.051 kg



### PACKAGING

- Use of **FSC-certified paper** for packing
- **Reduced glass weight** for the bottles (**-3%**) with an average weight of **0,41 kg**/bottle
- Gradual reduction of wooden boxes in favor of **paper-based alternatives**, which have also fewer internal dividers than before, thus further minimizing raw materials' use
- The selection of corks used includes DIAM, **Nomacorc** (CO<sub>2</sub>-neutral and 100% recyclable) and **natural corks** (100% recyclable)





# ENVIRONMENTAL COMMITMENT



## CARBON FOOTPRINT & EMISSIONS

- Low-emission engines for agricultural machinery
- Our first Carbon Footprint measurement in 2014 showed a **negative impact**, meaning that the emissions generated by our wine production are fully offset – and even exceeded – by the CO<sub>2</sub> absorption capacity of our forests, cultivated fields, and natural areas. Thanks to the sustainable management of our land, we not only neutralize our production-related emissions but also actively contribute to **reducing CO<sub>2</sub>** in the atmosphere.
- 2025 CO<sub>2</sub> assessment: total CO<sub>2</sub>e\* emission of 869.47 tons = 1.47kg CO<sub>2</sub>e/potential bottle
  - 24.32% come from direct sources, mainly from fossil fuels used to power agricultural machinery
  - majority of indirect emissions are linked to the purchase of goods used in the production process, with the largest impact coming from glass bottles (light weight preferred)

*\*CO<sub>2</sub>e = Carbon Dioxide Equivalent; a standard unit of measurement that expresses the impact of various greenhouse gases in terms of the amount of CO<sub>2</sub> that would have the same global warming potential.*



## ETHICAL & SOCIAL RESPONSIBILITY



Brancaia employs **59 workers**, with an average employee age of 40 years. The company prioritizes **local employment**, promotes equal opportunity policies and recorded only 2 workplace injuries in 2024.

The company actively engages with the **community**, fostering an ongoing dialogue to ensure positive contributions to the local area.

Concretly, Brancaia is part of the following **local associations**:

- Viticoltori di Radda, local winemakers
- Movimento Turismo del Vino Toscana, promoting wine tourism
- Donne del Vino Toscana, association of wine leaders
- Historical Supertuscans
- Rosaemaris Maremma, promoting rosè wines of the coast

Moreover, in August 2024, Brancaia organized a **charity event**, raising €38,000 in support of the Sandro Pitigliani Foundation for cancer cures research.







## ECONOMIC IMPACT

The winery made significant sustainability-investments throughout 2024, including:

- **197 kW photovoltaic system** (€315,000) to reduce energy consumption in Colle Val d'Elsa
- **New steam barrel washer** (€5,900) to minimize water use
- Creation of a terraced vineyard
- Lawn mower
- Replacement of the cooling system for the tanks in Poppi, aimed at reducing water consumption
- One-time bonus for employees, variable based on responsibility



## FUTURE GOALS

Brancaia is committed to further strengthening its **sustainability efforts** with several upcoming initiatives.

Plans include, among others:


- Completion of the restoration on the terraced vineyard in Poggiolo
- Creation of an organic garden in Poppi
- Experimentation to enhance soil fertility and biodiversity
- Replacement of the refrigeration unit at the Colle facility
- Extraordinary maintenance of the wastewater treatment plant at the Poppi site.

The winery will continue pursuing its **EQUALITAS certification goals** while focusing on the calculation and monitoring of **key sustainability indicators** to ensure continuous improvement in its environmental impact, such as:

- Biodiversity indices
- Greenhouse gas (GHG) inventory
- Water footprint.







*At Brancaia, sustainability is not just a goal, it's a continuous journey.  
We remain committed to respecting our land, supporting our community,  
and crafting high-quality wines with care and responsibility.*