

Because every little action adds up

Report 2022





“Many little people,
in little places,
doing little things,
can change the world.”

Eduardo Galeano



#EveryActionAddsUp

Our commitment: a dream.

Those of us who have been farming the land for years know at first hand the value of little things.

Because the dream of creating a project committed to making a better world, with every action generating a positive impact on society, goes right back to our origins.

Since then, the Sumarroca Group has continued to cultivate that dream thanks to the effort, enthusiasm and daily commitment of each of the professionals making up this great family, with the aim of achieving our Sustainable Development Goals.

The idea is that future generations should continue to enjoy the wonderful legacy that is our land

and all that it gives us.



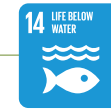
#EveryActionAddsUp



The Sumarroca Group is committed to contributing fulfilling the 2030 Agenda and these are the goals we wish to achieve.



Environment



Society



Prosperity



Strong institutions



Alliances



Health and well-being

The group's priority is to offer the market quality, healthy products that have a clear health benefit. We also promote a healthy lifestyle among our employees.



- Guarantee of quality and healthiness for all our products. We work with the minimum intervention and the maximum respect during the processes for making our products.
- Range of added-value products: gourmet, organic, local heritage and vegan.
- We promote healthy eating by sponsoring periodic healthy nutrition campaigns on our social media.
- We promote transparency in the nutritional information on labels.
- + Health Programme: we promote health and well-being among our employees.
- We help train new generations through organisations such as the DO Penedès, Do Cava, the Catalan Winemakers' Association, catering colleges and colleges training winemakers and vinegrowers.
- We promote innovative projects for the creating soups with local, healthy, organic ingredients. And we do all this hand in hand with the Alicia Foundation. Permi INNOFORUM 2022 "Most Original Grust in food halls" for Bean and Miso Soup.
- We promote the responsible consumption of wine in all our communications through the Wine in Moderation campaign to combat the effects of alcohol abuse.

#Aim 1

"Health is the most important thing. That's why we always offer products that prioritise quality and provide greater well-being for people."

Imma Canales
Quality Manager

Quality and reliability have a name

We have certificates endorsed by well-known organisations such as:



D.O. CAVA



“Our value promise starts from the impact of each of our actions, beginning with our individual ones. Because we understand that change management starts with oneself. To be a responsible company, we must first act as responsible citizens.”

Albert Hinojosa *Oil Mill Manager*

Óscar Llombart *Winemaker*

Committed to the Earth

The Earth is our inheritance; our reason for existence.
Committed to helping stop climate change.



- Biodiversity management programme, preserving native flora and fauna through verge reforestation for nesting bird species, promoting the presence of vegetation on walls to promote biodiversity, adapting a stone hut for bat nesting, taking part in the REDICAT project for recovering native bees with a pollinator tank on the estate, and grazing flocks of sheep for thinning the leaves on the vines and cleaning out weeds from the vineyard, among other jobs.
- 100% organic estate. Zero nitrogen oxide emissions by not applying nitrogen fertilisers.
- Solar panel installation project beginning activity in 2023.
- We calculate our carbon footprint.
- 100% self-produced organic fertilisers. We feed our compost bin with the plant waste we produce ourselves and manure from certified organic farms.
- Natura 2000 network (European green network of biodiversity conservation areas).
- We use predictive models to determine targeted pest control to minimise the treatments to be carried out and to be more environmentally friendly.
- Espiells Land of Wine: association to promote and protect the northern part of Alt Penedès. The aim is to preserve the vinegrowing, agricultural and rural identity of our region – a source of economic, social and cultural wealth – in the face of urban pressure.



Carbon footprint

Inventory description:

The inventory includes direct emissions deriving from the consumption of fuel oil in the boilers to heat water for the production plant and from the consumption of diesel by the organisation's own transport.

Also included are indirect emissions deriving from electricity consumption in offices and production plants, and other indirect emissions deriving from the treatment of the glass, paper/cardboard, light packaging and organic waste fractions generated in the process (dregs, pomace), timber, scrap metal and sewage sludge. Emissions due to water consumption are also included. Finally, the indirect emissions from goods purchased by the organisation have also been included, specifically the main raw materials, such as bottles, cardboard boxes and corks.

Explanation of trends:

The carbon footprint has increased substantially compared to last year.

This increase is clearly due to three factors:

1.- This year, many of significant emissions not included before have been added to the inventory, such as:

- In the indirect emissions section of services used by the organisation, the management of more waste has been included (timber, scrap metal, dregs, pomace, sewage sludge).
- Indirect transport emissions: Business trips and travel to and from work.
- Indirect emissions from goods purchased by the organisation, specifically the most important have been taken into account: glass, cardboard and cork.

2.- There is a sub-process in cava production called tirage. This is the bottling of the base wine so that the second fermentation, in racks, and ageing can be carried out. Throughout 2021, only 310,947 bottles were produced and no cava base wine was bought from outside, so the energy consumption in packaging and fuel oil to heat the cleaning water was much lower. Throughout 2022, 1,115,179 bottles were produced and 486,176 litres of cava base wine was purchased from outside. This increase has increased the consumption of purchased energy and fuel oil.

From now on, the number of tirage bottles will be taken into account as an indicator.

3.- During 2022 we had a refrigerant gas leak. This has now been fully resolved.

DIRECT EMISSIONS

(Fixed, mobile and leaks)

Total emissions

186 T CO₂ eq
25%

754
T CO₂ eq

INDIRECT EMISSIONS

Energy purchased

Goods purchased

145 T CO₂ eq
19%

355 T CO₂ eq
47%

Electricity associated
with production

Water and waste

27 T CO₂ eq
3.5%

21 T CO₂ eq
2.9%

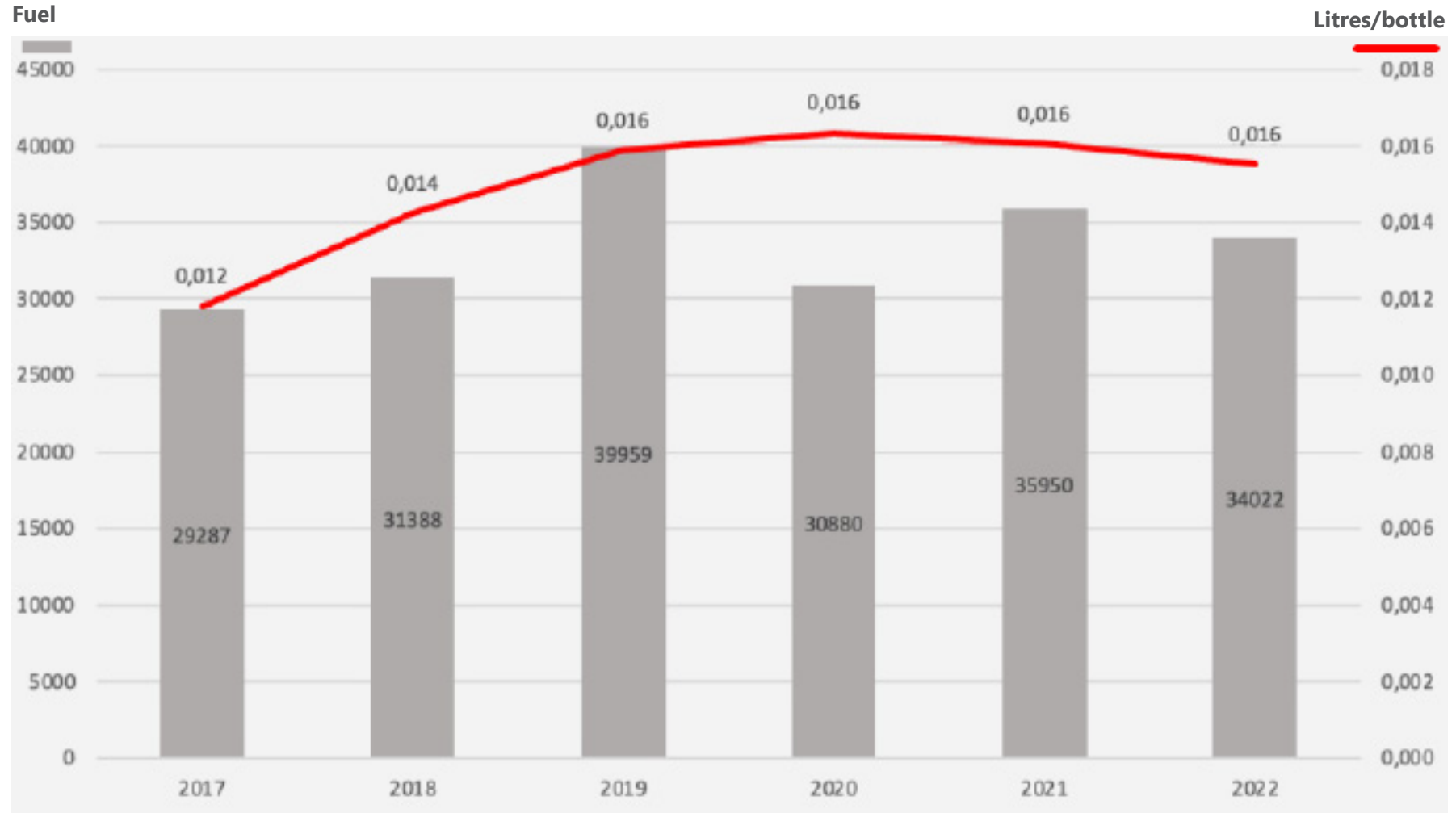
Business trips and travel to and from work

20 T CO₂ eq
2.6%

Carbon footprint

In 2016, the Sumarroca Group joined the Catalan Government's Department of Climate Change voluntary agreements programme.

WINERY FUEL CONSUMPTION



75% of the fuel is consumed in the harvest season from 01-08 to 30-09.
Most of the consumption is from the generator.

We generate stable, quality employment

We are a family company and our workers are a key element. We promote talent and generate stable, quality employment.



- We promote stable jobs – our proportion of permanent staff is 88%.
- We nurture talent through training and opportunities.
- We make a work-life balance easier.
- We protect employment rights and promote a safe working environment.
- Agreement with the Mercè Fontanilles Foundation: every year we try to take on about three people at risk of exclusion.
- We promote the economic growth of the agricultural sector through the medium-term contracts we make with our small farmers. With these contracts, we ensure that they sell their grapes in the medium term at a price higher than the costs.

#Aim 3

“Attitude is one of the most important facets in a professional, which is why we look for committed people. That’s why we promote talent, encourage training and, above all, ensure a better work-life balance.”

Cristina Gómez
Administration Manager

We promote activities with sustainable values

We encourage measures to make sure the Group's activities do not compromise sustainability.



- Voluntary agreements: in line with the 2030 goals, reduction of at least 55% of carbon emissions (compared to 1990).
- Signatory to the Government of Catalonia's climate action commitments.
- We are driving energy transition: more efficient machinery and processes. Switching to LED lights, possible switching to renewable energy.
- We work with the INNOVI sector cluster to promote and support innovation in sustainability.
- We are part of Cava Routes, a wine tourism approach using an APP to give another view of the region. Approaching Cava Culture sustainably.
- External recycling: all our waste is separated and sent to an appropriate manager for external recycling.
- Cultural and Natural Heritage and Traditions Sustainability Award for a project that shows visitors the measures being taken to recover native flora and fauna and raises awareness of the importance of local ecosystems in the environment, carried out on the Sumarroca estate.
- We have worked together with other organisations in the Greenwine Project intended to decarbonise the industrial processes associated with wine production using cleaner technologies, such as hydrogen.
- Wine tourism activities contribute significantly to the protection of cultural and natural heritage.

#Aim 4

“The land is our inheritance. We must treat it with the same level of generosity as it shows. And give it back all that it gives us.”

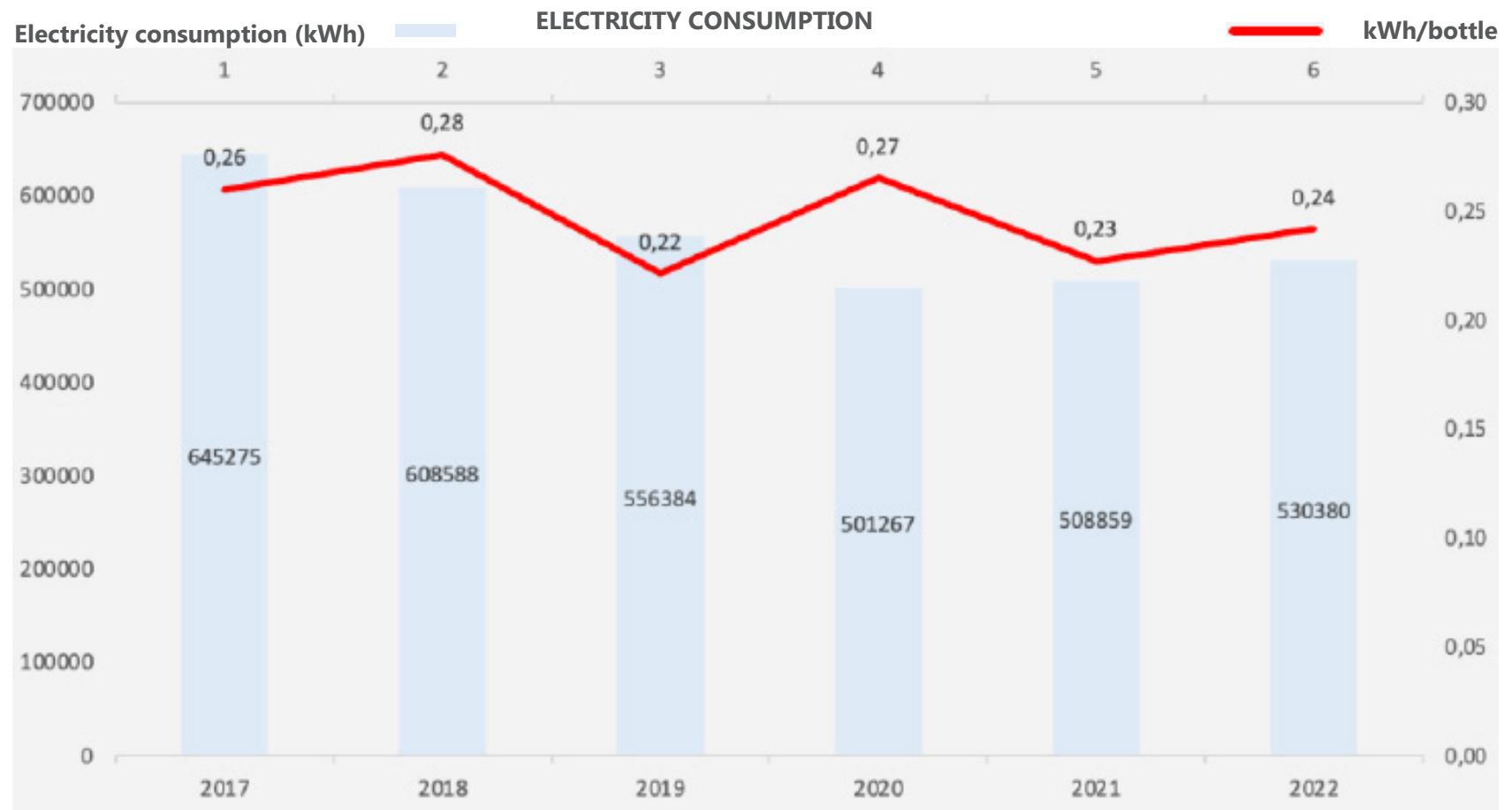
Mercè Sumarroca
PR



Driving the energy transition

ELECTRICITY CONSUMPTION

- Switching to more efficient technology. LEDs.
- Presence detectors in different indoor and outdoor locations.
- More efficient processes from an electrical point of view.
- More efficient technology.



External recycling

WASTE MANAGEMENT

Obsolete products have been eliminated during 2022 and this has made the index grow despite waste reduction in raw material management



We are committed to the circular economy

We see waste as a useful resource. We are committed to processes in which the traceability of the product or service meets sustainability and minimum environmental impact requirements.



- We promote the circular economy to reduce the use of resources (we prioritise renewable resources; we conserve existing resources).
- We work with others to create shared value. We work with our suppliers to reduce waste generation in raw material packaging.
- New eco-designed presentations and packaging. Conception and (re)design of new products based on ecological, sustainable and reusable principles: use of ecological inks, use of materials made from sugar fibre and a reduction of glue use, among other things.
- Weight reduction in all our glass and cardboard packaging.
- We buy more sustainable raw materials. At all levels, from product to office supplies.
- We encourage the use of recycled plastic in our plastic packaging. And the reduction or elimination of plastic in as many processes as possible.
- During 2022 we sent 90 tonnes of sewage sludge to be turned into compost. This sludge is generated as a waste when organic matter is broken down in the sewage treatment plant.

#Aim 5

“Responsible consumption begins with responsible production. For this reason, our commitment begins with creating value with producers in the region, reducing the consumption of polluting packaging and promoting the circular economy as much as possible in all our processes.”

Jose Campillos
Production Manager



We recirculate

WE PROMOTE THE CIRCULATE ECONOMY



CORK

We work with the Catalan Cork Institute (ICS). All the waste cork generated within the company is taken by the ICS for recovery with the aim of recycling them all and thus reducing the environmental impact.



STALKS AND PRUNING WASTE

We give back to the earth the fruit it has given us. That's why we use the remains of our pruning and plant waste as fertiliser for the soil. A balanced soil has direct consequences for the good health of the grapes. So we are true to the principles of organic agriculture, where only fertilisers and amendments of organic origin, and some of natural mineral origin, are allowed.

We cut the branches and leave them in the soil as a nutrient.



BITARTRATE CRYSTALS

Tartrate crystals are generated during wine stabilisation. They are recovered and managed and are used as raw material for manufacturing products used in winemaking, such as tartaric acid, pure potassium bitartrates and metatartaric acid. 1.052 kg of crystals were recovered in 2022.

As is already known, our sector is also a pioneer of the circular economy, so to this practice must be added the current use of dregs, lees, pomace and so on to be transformed into biofuel or alcohol.

We ecodesign

WEIGHT REDUCTION IN ALL OUR GLASS AND CARDBOARD PACKAGING



GLASS

Our first goal was to act on the weight of the wine bottles, reducing it without damaging their quality or look. Use of ECOVA bottles, 280 grams lighter than the one previously used.

42%

lighter bottles.



NÚRIA CLAVEROL CAVA

At the same time, we are committed to reducing the weight of our top-of-the-range cava bottles:

from 900 g
to 850 g

SCREEN PRINTING ON THE BOTTLE We have replaced the self-adhesive label with screen printing, making it easier for this bottle to be recycled later and recovering more glass.



RECOVERED BOTTLES

During 2022, 6,275 bottles were recovered, 986 more than in 2021

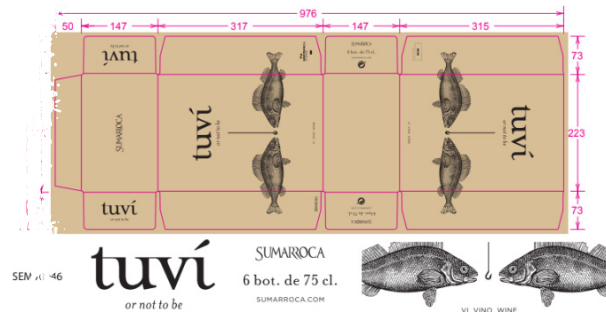
16%

more recovered bottles.

In 2022 123,759 bottles weighing 835g have been placed on the market. That means a reduction of

8,044 kg

We ecodesign



CASES

Natural coloured cases with the minimum of black, water-based ink. Environmentally friendly.

65% of the bottles going on to the market are placed in boxes of this type.

The paper pulp used to make the cardboard of these boxes is not bleached. Paper and cardboard are normally produced from plant fibres and cellulose from trees. Adding water to this organic matter produces paper pulp, which is dark brown. This paste is then bleached with chemicals such as chlorine gas or chlorine dioxide. Instead of using trees, recycled paper and cardboard is made from used paper, creating a paste very similar to the previous one, which is treated with soap and air to remove all the ink it carries. This paste is the same dark brown colour, but this is natural and it does not have to be bleached.

By printing in one colour we make the recycling process easier. There is a notable reduction in environmental impact from using recycled cardboard cases.



SUSTAINABLE CAPSULES

In 2019, we are starting the year with a new range of 100% sustainable capsules in our high-end Núria Claverol product range.

This new generation of capsules is made from water-based inks and bio-based polyethylene from sugar cane.

In 2021, the entire Gran Reserva range was produced with this model and, between the two types of cava, 1.33 tons of CO₂ emissions into the environment have been prevented.

In 2022, given the raw material situation on the market for this product, there was no stock.

We ecodesign



BAG-IN-BOX

Since the 2021 campaign, the range of demijohns for Molí la Paloma oil (5 l and 2 l) is made from 100% recycled plastic bottles.

During '22 we have been working on the bag-in-box project for Molí Coloma in a ten-litre format. The project will come into force in 2023.

FILM

For some years now, the group of companies has been working with film that is 100% recyclable.

We have also lowered its grammage while obtaining the same protection for the pallet.

1.4%

screen-printed bottles



Plastics

REDUCTION AND ELIMINATION

- Eliminating all the expanded polystyrene for sending samples externally. Cardboard is currently used.
- Elimination of plastic water bottles. Drinking fountains are now incorporated at different points in the facilities for direct consumption or for refilling reusable glass bottles.
- Coffee cups are now paper cups.
- Leftover label paper is sent to our supplier for proper recycling.
- The whole seal is now made of paper. This is kraft paper made from 100% recycled paper with a CFS certificate of sustainable origin that improves the management of forest stands, curbs illegal logging and promotes the conservation of the most endangered forests.



By eliminating or reducing the use of plastics, Sumarroca contributes to preserving underwater life.

REDUCTION AND ELIMINATION

- Àngel Blau certified, recycled and chlorine-free paper is used throughout the Group, and its envelopes and business cards have FSC certification.
- During 2022, we have worked with our suppliers to reduce the generation of cardboard from raw material packaging, and three very successful actions have been carried out:

1

Boxes forming larger packaging units are bought. In the past, boxes with approximately 3,000 corks were purchased. The ones we buy now contain 15,000 corks.

This has resulted in 70% cardboard generation savings.

2

We have agreed with our suppliers of the plastic separators we use that once the boxes are empty they will be returned to them for refilling.

This measure has made it possible to reduce cardboard generation by 100%.

3

We have worked with wine bottle suppliers to remove cardboard spacers and replace them with returnable plastic spacers

In 2022 we stopped generating

3,151kg

of cardboard as waste.



Cardboard spacers



Returnable plastic spacers

Water

BECAUSE EVERY DROP COUNTS

The water in our facilities is used for cleaning in processes and communal areas.

All wastewater goes to a biological WWTP (wastewater treatment plant). It is treated and returned to the environment with the same quality it had initially.

To carry out this process, the organic matter is broken down naturally, without the addition of any chemical products.

Once treated, this water is suitable for irrigation or for return to the tributaries.



During 2022 we sent 90 tons of sewage sludge to be turned into compost. This sludge is generated as a residue in the process of breaking down organic matter at the sewage treatment plant.

BRIEF EXPLANATION FOR ANYONE WHO IS CURIOUS

The treatment system we have consists of five stages.

Stage one: aerated storage

Initially, the water produced during the grape harvest is used for this purpose. This water ferments easily, and the autumn temperatures encourage this. To prevent these microorganisms from releasing methane and hydrogen sulphide into the environment, the process followed is to aerate the water by moving it through the settlement tanks.

Stage two: forced oxygenation

When the storage volume is larger, the previous system is not sufficient to aerate it and avoid the anaerobic phase (methane and hydrogen sulphide). This moment comes at the end of the harvest, when the oxygenators are put into operation. This stage will last until the effluents have a COD of less than 1 g/l.

Stage three: settlement and mineralisation

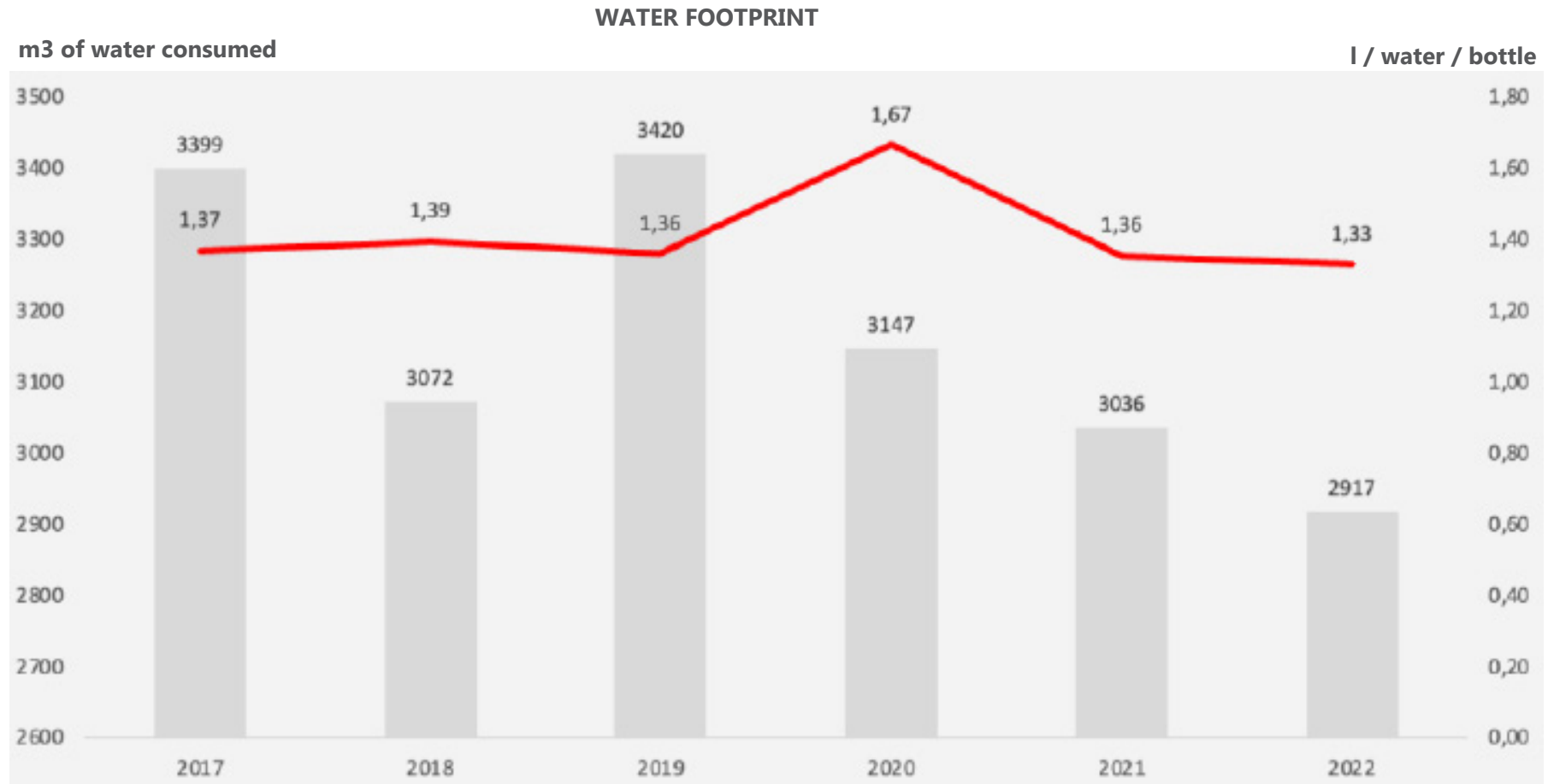
Once the inflow is below the COD of 1g/l, it is sent to the settlement tanks. There it will be subjected to a settlement process for 1:30 h. A respirometry system will determine whether the water is of good enough quality to be sent to the silicon carbide.

Stage four: silicon carbide treatment.

The water is injected on top of a piece of silicon carbide that ends up filtering the water, achieving full purification.

Stage five: sludge mineralisation.

Direct Water Footprint



Creating alliances

We create alliances with different non-profit organisations and private social enterprises in the community to work together in a socially responsible way for our environment.



- Organising the 1st Solidarity Walk in the Sumarroca vineyards together with Fidem for the benefit of the Spanish Metastatic Breast Cancer Association and the Santa Clara Foundation, raising €8,000.
- We have signed cooperation agreements to help with fundraising with the Red Cross in Alt Penedès and the social project "Terra, vine i dona".
- We have signed an agreement with the Punt de Vista Foundation to help raise funds for research.
- We work with companies in the tourism sector to adapt our tours for people with reduced mobility and vision.
- Biosphere Sustainable Tourism Programme, which recognises the sustainable efforts of destinations and companies in their contribution to sustainability and continuous improvement.
- We are involved in official tourism organisations including Penedès Turisme, Turisme de Barcelona, Turisme de Catalunya and INNOVI, among others.

#Aim 6

"Our priorities include fostering partnerships to pool effort and resources to make the SDGS really happen."

Joaquim Tosas
General Manager





#EveryActionAddsUp

www.sumarroca.es

