

An aerial photograph of a vineyard on a hillside. The rows of grapevines are neatly planted and stretch across the slope. In the center of the vineyard, there is a single, prominent tree. The sky is filled with soft, white clouds. The overall scene is peaceful and rural.

CAVIRO

Here, where it all comes back.



# Our Group

Together we cultivate values,  
from the roots up





# Our mission

Founded in 1966, Caviro is a winegrowers' cooperative which **processes the grapes produced by its winegrower partners**, who in turn receive advice and guidance on the best types of grape to produce for the various markets. These days the focus is on **quality and reduced environmental impact**.

Ever since its foundation, Caviro has supplemented its core business of **wine production** with **agri-food by-products** and **energy** from the recovery, recycling and transformation of these by-products. This cuts down on process waste and reduces the environmental impact of its operations to almost zero.

# Caviro Group

593 employees - 7 production sites - 417 MIO € annual turnover



## Caviro Sca

Caviro Sca produces and markets Italian wines, IGT, DOC and DOCG, for mass consumption and the catering sector. Caviro Sca has two subsidiaries:

- **Gerardo Cesari Spa**, producers of fine Veronese wines
- **Leonardo da Vinci Spa**, a Tuscan wine producer.



## Caviro Extra

Caviro Extra leads **innovation in research and development in high added-value products** derived from agro-industrial waste.



## Enomondo

Enomondo is Caviro's subsidiary in charge of the **innovative biomass combustion plant** of the **thermal and electric energy** and the production of **fertilizers** through the recovery of organic matter



# Revenue by sector



Wine

61%



Noble products

21%



Bioenergy

18%



# The heart of our business model

Our company is built on over 50 years of history, from our foundation in Faenza in 1966 down to the present day.

*37,300 hectares of vineyards*

*11,650 winegrowers*

*29 partners, of which 27 are  
wineries*

## VENETO

- Vignaioli Veneto Friulani (categoria speciali)

## EMILIA-ROMAGNA

- Cantina Sociale di Faenza
- Cantina Forlì Predappio
- Agrineta
- Cavim
- Cantina Sociale di Masone
- Cantina Sociale di Argelato
- Cantina Sociale Centro
- Emilia Wine

## MARCHE

- Marchedoc
- Cantina Sociale di Matelica e Cerreto D'Esi

## TOSCANA

- Cantina Leonardo da Vinci

## ABRUZZO

- Cantina Sociale di Tollo
- Cantina Frentana
- Cantina Sociale San Giacomo
- Cantina San Zefferino
- Cantina Sociale Sannitica
- Cantina Colle Moro
- Coltivatori Diretti Tollo
- Cantina Madonna dei Miracoli

## SICILIA

- Cantine Europa
- Cantina Birgi (categoria speciale)

## PUGLIA

- Coop Produttori Agricoli
- Cantina Sociale San Donaci
- Cantina di Lizzano
- Cantina Cooperativa Madonna delle Grazie di Torricella (categoria speciale)



# Awards and prizes

**Gold Medal for the Circular Economy** awarded by the **2022 Sustainable Development Award**, established by the Foundation for sustainable development, by the Italian Exhibition Group Spa with the patronage of MITE.



Awarded as **Best management for sustainable development**, combining environmental, economic, and social aspects.

**SA8000 ethical certification**  
The international certification scheme for corporate social responsibility



Caviro Sca holds **Equalitas certification** as a sustainable wine producer from Valoritalia, Italy's leading certification body for the wine sector

# Sustainability

Our unique model,  
a circular economy





**Vineyards** *Here, where it all comes back*

Composted soil improves from the agri-food chain, to enrich the vineyards from which it all began with organic substance

**Natural fertilizers**

Electric energy and thermal, Biomethane, Bioethanol

**BIOENERGY**

Mowing, pruning of public green areas and overvalues

**Plant waste**



**Grapes**

We vinify 600 thousand tons of grapes, equal to 8.5% of the total Italy

**WINE**

184 million liters of packaged wine

**Supply chain derivatives**

Marc, grape seeds, lees, stalks

**NOBLE PRODUCTS**

Alcohols, tartaric acid, enocyanine polyphenols, musts and other extracts

# Economic sustainability

Economic sustainability is the cornerstone of our ethical approach to expansion. An immediate cost, but a priceless investment in the long run: for informed choices can only be made thanks to the ability to generate value and revenue in a lasting way. For over 50 years, our cooperative has stood as a beacon of security for the thousands of families who bring all their commitment and passion for Italian wines to their jobs - and pass their passion on to others.



**417**  
million euros  
in revenue

**+80**  
destination countries

**593**  
employees

**No. 1**  
In Italy by market share  
(volume and value)

# Social sustainability

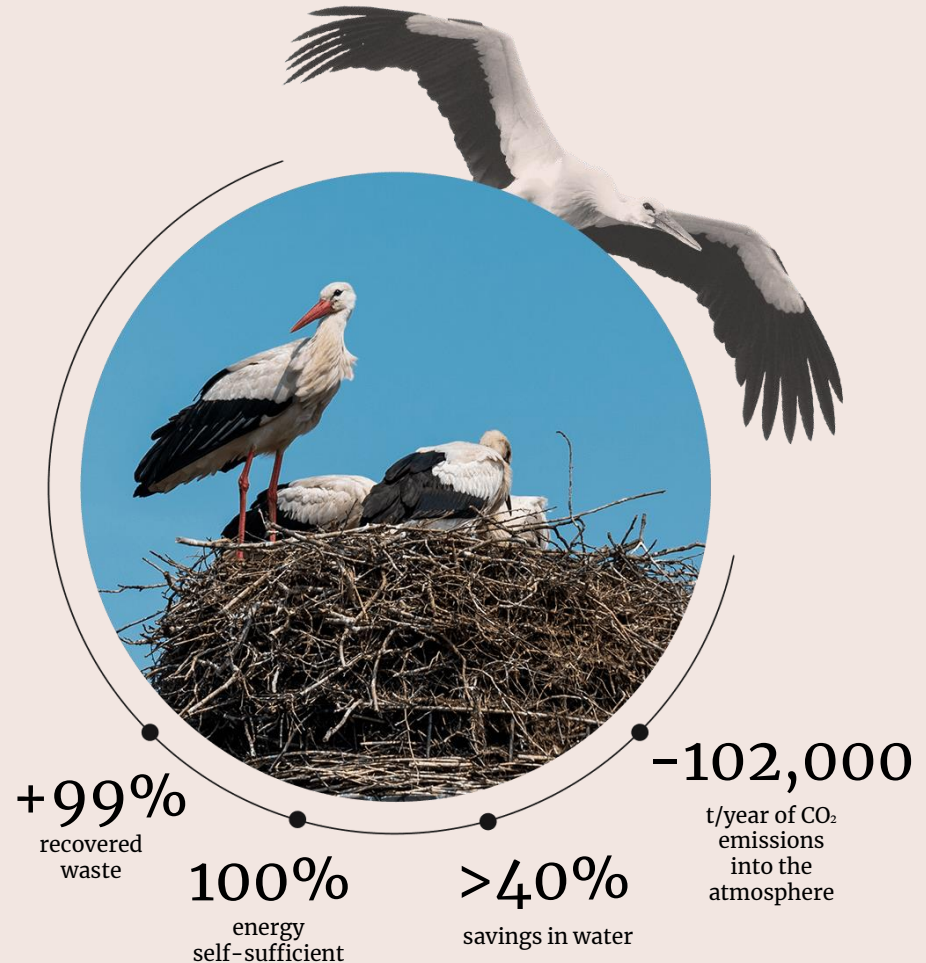
Being the largest Italian vineyard entails a precise responsibility towards the community and the territories. The red thread that characterizes Caviro's work and is reflected in society is a guarantee of quality, food safety, protection of working conditions and the surrounding environment, factors also confirmed by the certifications obtained, many of which are voluntary. Well-being, satisfaction, sense of belonging are the key to unite people in an integrated ethical supply chain, from the vineyard to the table.





# Environmental sustainability

Looking after and respecting the places we live in is essential to our well-being. Every single gesture makes a difference. Working in harmony with nature means respecting the environmental balance, striving to keep it unchanged and, where possible, enriching it. Our work comes from the earth, and we must protect its resources by reducing water consumption and climate-changing emissions, and by producing more energy from renewable sources.



# Working with the UN for sustainable development

Respect for the environment, improving the safety and well-being of employees and consumers, and the adoption of **sustainable and circular production models** are the fundamental values of our Group. Every day we dedicate energy and resources to the pursuit of the goals outlined by the UN in its 2030 Agenda for the sustainable development of our planet. The **9 Sustainable Development Goals (SDGs)** on which we take concrete action, via tangible and wide-ranging initiatives and projects, are listed opposite.



# New values in business

## TAKE A LOOK AT OUR SUSTAINABILITY REPORT

Our commitment to a sustainable future is evident in the **NEW EDITION** of our Sustainability Report.

The purpose of this report is not only to document the goals achieved, but also to define targets for the coming years and to relate the key events in the year under review – such as EQUALITAS certification.

[www.caviro.com](http://www.caviro.com)





# Sustainability E-MAG

INNESTI (powered by CAVIRO) is an e-magazine which showcases ideas with the potential to lead us forward to an environmentally-aware future.

Inside you'll find news about people and places, projects and research, good practice and industry trends. But INNESTI also celebrates our commitment to creating something that doesn't yet exist.

History as a whole, in all its complexity, is made of an infinity of micro-narratives whose strength resides in their ability to elicit a sense of identification and closeness to our own stories and lives.

INNESTI examines a few of these stories, each a strand in a bigger story.

[www.innesti.com](http://www.innesti.com)



# Oasis of the Storks

For over 20 years, Caviro has supported the "oasis of the storks" – official name **Centro didattico Carlo Gulmanelli** – a reinstated nature zone adjacent to the Caviro Extra plant on via Convertite, Faenza.

**The land occupied by the oasis was donated to the association in charge of it**, together with the storks who make their homes there: they live on insects and small animals, and have plenty of space and twigs etc. to make their nests.





# Wine

By people,  
for people







8.5%

OF WHOLE ITALIAN  
GRAPE  
PRODUCTION

223

MILLION OF LITRES  
IN BOTTLES, BRICKS  
AND BAG IN BOX  
PRODUCED

No. 1

IN ITALY BY  
MARKET SHARE

7

MILLION  
CONSUMER  
HOUSEHOLDS IN  
ITALY

184

MILLION LITRES  
OF WINE SOLD

83

DESTINATION  
COUNTRIES  
FOR PRODUCTS



# Partner wineries

## And wines produced in the different regions

REGION	HECTARES	WINERIES	PRINCIPAL GRAPE VARIETIES (RED GRAPES)	PRINCIPAL GRAPE VARIETIES (WHITE GRAPES)
Abruzzo	8,605	9	Montepulciano, Merlot	Trebbiano, Pecorino, Chardonnay
Emilia	2,746	4	Lambrusco, Ancellotta	Pignoletto
Romagna	12,018	4	Sangiovese, Merlot, Cabernet	Trebbiano, Albana, Chardonnay, Pignoletto, Famoso, Pinot Bianco
Veneto	5,121	1	Merlot, Cabernet	Pinot Grigio, Glera Chardonnay, Sauvignon
Marche	407	2	Sangiovese, Montepulciano	Verdicchio, Bianchetto
Puglia	1,546	4	Primitivo, Negroamaro, Malvasia nera	Chardonnay, Bombino, Verdeca
Sicily	6,270	2	Nero d'Avola, Syrah	Grillo, Cataratto Inzolia, Viognier, Grecanico
Tuscany	550	1	Sangiovese, Merlot	Trebbiano, Vermentino
<b>TOTAL</b>	<b>37,263</b>	<b>27*</b>	*27 partner wineries + 2 other members (1 subsidizing member, 1 member from the agri-foods processing sector)	

# Our main brands

ON AND OFF TRADE



**TAVERNELLO**



**CASTELLINO**



**BOTTE  
BUONA**

**BRUMALE**

*Vigneti Romio*



**CASTELLI MODENESI**  
CANTINA DAL 1968



**FATASCIÀ**



**FEUDO  
APULIANO**



# Our main brands

ON AND OFF TRADE

Leonardo da Vinci  
VINI ISPIRATI DAL GENIO

APRIMONDO

  
CESARI  
FINE WINES OF VERONA

TINI

TF  
TERRE FORTI  
RADICI D'ITALIA

  
ROMIO  
VINI D'ITALIA

X  
B O L É

CANTINE  
CAVIRO

# Wine industry awards

Our Group is a leading name in the wine sector, but it's the people who work with us that make Caviro so unique and authentic. We have won **over 850 awards in recent years alone**, including prizes at the most prestigious **national and international competitions**, such as Mundus Vini, Gambero Rosso, Wine Spectator and Migliori Vini Italiani. **Tavernello** continues to be among the world's **Top 10 Wine Brands** by sales (Data Impact 2021).



**Table 9-2**  
**Top 10 Wine Marketers Worldwide<sup>1</sup>**  
(millions of nine-liter cases)

Rank	Company	Headquarters	2019	2020	2021	Percent Change <sup>5</sup>	
						2019-2020	2020-2021
1	E. & J. Gallo Winery	United States	105.0	106.5	107.5	1.5%	1.0%
2	Castel Freres SA	France	53.5	53.0	54.0	-1.0	2.0
3	The Wine Group <sup>2</sup>	United States	50.3	51.0	51.0	1.4	-
4	J Garcia Carrion SA	Spain	37.5	36.5	37.0	-2.5	1.5
5	Accolade Wines	Australia	36.0	35.5	35.0	-1.5	-1.5
	<b>Total Top 5</b>		<b>282.2</b>	<b>282.5</b>	<b>284.5</b>	<b>0.1</b>	<b>0.7</b>
6	Vina Concha y Toro SA	Chile	33.5	35.0	34.6	4.6	-1.4
7	Les Grands Chais de France	France	34.5	34.5	35.0	-	1.5
8	Treasury Wine Estates <sup>3</sup>	Australia	34.0	33.0	32.0	-3.0	-3.0
9	Constellation Brands	United States	26.0	24.5	25.3	5.5	3.1
10	Cavirò Società Cooperativa arl	Italy	19.7	21.2	21.3	7.6	0.4
	<b>Total Top 10<sup>4</sup></b>		<b>429.9</b>	<b>430.7</b>	<b>432.6</b>	<b>0.2%</b>	<b>0.5%</b>

<sup>1</sup> Includes own-label and agency brands.  
<sup>2</sup> Excludes brands licensed from Treasury Wine Estates in 2021.  
<sup>3</sup> Includes brands licensed to The Wine Group in 2021.  
<sup>4</sup> Addition of columns may not agree due to rounding.  
<sup>5</sup> Based on unrounded data.

Source: IMPACT DATABANK

**Table 9-3**  
**Top 25 Wine Brands Worldwide**  
(millions of nine-liter cases)

Rank	Brand	Company	Origin	Type	2021	Percent Change <sup>1</sup> 2020-2021	
1	Franzia <sup>2</sup>	The Wine Group	United States	Table	26.5	-2.0%	
2	Barefoot Cellars <sup>3</sup>	E. & J. Gallo Winery	United States	Table	21.5	-	
3	Don Simon <sup>2</sup>	J Garcia Carrion SA	Spain	Table	19.5	2.5	
4	Concha y Toro	Vina Concha y Toro SA	Chile	Table	18.4	4.6	
5	Yellow Tail	Casella Wines	Australia	Table	13.5	1.5	
	<b>Total Top 5</b>				<b>99.3</b>	<b>1.0</b>	
6	Robert Mondavi <sup>4</sup>	Constellation Brands	United States	Table	12.1	-2.4	
7	Bota Box	Delicato Family Wines	United States	Table	11.7	2.5	
8	Sutter Home	Trinchero Family Estates	United States	Table	11.0	-0.5	
9	Martini	Martini & Rossi Wines s.p.a. (baccaro)	Italy	vermouth	9.0	13.5	
10	Tavernello	Cavirò Società Cooperativa arl	Italy	Table	9.0	-6.8	
	<b>Total Top 10</b>				<b>152.7</b>	<b>0.9</b>	
11	Freibenot	Freixenet SA	Spain	Sparkling	8.7	5.0	
12	Carlo Rossi <sup>2,5</sup>	E. & J. Gallo Winery	United States	Table	8.5	-5.5	
13	J.P. Chenet	Les Grands Chais de France	France	Table	8.0	-6.5	
14	Black Box	E. & J. Gallo Winery	United States	Table	7.6	-3.5	
15	Stella Rosa	Riboli Family Wine Estates	Italy	Table	7.6	25.0	
	<b>Total Top 15</b>				<b>193.2</b>	<b>1.1</b>	
16	Beringer <sup>6</sup>	Treasury Wine Estates	United States	Table	7.0	-6.4	
17	Gallo Family Vineyards <sup>7</sup>	E. & J. Gallo Winery	United States	Table	6.5	-7.5	
18	Blossom Hill	Treasury Wine Estates	United States	Table	6.5	-	
19	Cano Sur <sup>8</sup>	Vina Concha y Toro SA	Chile	Table	5.2	-6.6	
20	Riunite	Carlone Cooperativa Riunite Srl	Italy	Table	5.0	-10.0	
	<b>Total Top 20</b>				<b>222.3</b>	<b>0.1</b>	
21	Peter Delfino <sup>2</sup>	E. & J. Gallo Winery	United States	Table	5.0	-9.0	
22	Rolkappchen	Freiburg Rolkappchen	Germany	Sparkling	5.0	-1.5	
23	Josh Cellars	Deutsch Family Wine & Spirits	United States	Table	4.8	6.2	
24	Jacob's Creek	Penfold Ricard	Australia	Table	4.6	-9.5	
25	Hardys	Accolade Wines	Australia	Table	4.5	1.5	
	<b>Total Top 25<sup>9</sup></b>				<b>246.2</b>	<b>-0.2%</b>	
	World Share of Top 25 Brands					9.4%	


<sup>1</sup> Less than 50,000 cases.

# Premium products

Natural ingredients  
and sustainable innovation





A photograph of several large, vertical, cylindrical industrial distillation columns made of polished metal, likely stainless steel. The columns are set against a clear blue sky. The image is partially obscured by semi-transparent colored boxes containing text.

624,000

TONNES OF WASTE  
VALUED

No. 1

FOR ETHYL  
ALCOHOL  
PRODUCTION  
CAPACITY IN ITALY

100%

BIOBASED  
PRODUCTS

+99%

RECOVERED  
WASTE



Caviro Extra positions itself at the helm of innovation and research in the development of quality ingredients and products with high added value, derived from the valorization of waste of the Italian agri-food supply chains.

## Extra is the place

where waste is transformed  
into value.

## Extra is the process

that demonstrates the  
infinite potential of  
agricultural and agri-food  
products.

## Extra is the natural ingredient

that the industrial world is  
looking for.

## Extra is the innovation

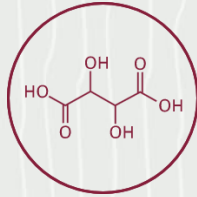
that creates new energy  
without depleting our natural  
resources.

# Business units



## Extra Alcohols

Ethyl alcohol of agricultural origin



## Extra *Musts* and extracts

MCT and MCR, musts and grape juices, grape seeds, oenocyanin



## Extra Tartarica

Natural tartaric acid, produced in Treviso plant



## Extra Eco-Energia

purification, biomethane, natural fertilizers



# Bioenergy

Energy and environment,  
working in unison





**No. 1**

ITALIAN PRODUCER  
OF BIOMETHANE  
FROM AGRO-  
INDUSTRIAL WASTE

**137,000**

TONNES OF  
NATURAL  
FERTILIZER  
PRODUCED/YEAR

**No. 1**

IN ITALY FOR  
WASTE WATER  
RECOVERY

**88,4**

MILLION KWh OF  
SELF-PRODUCED  
ENERGY



# Energy from renewable sources



## Energy

ELETTRIC AND THERMAL  
to be self-sufficient



## Sustainable mobility

BIOETHANOL, BIOMETHANE,  
ELECTRICITY for automotive from  
renewable sources



## CO<sub>2</sub> saved

-102,000 t/year of CO<sub>2</sub>  
emissions  
into the atmosphere



# Energy requirements

100% of the electricity used by the Caviro Group is green: self-produced from renewable sources, certified by the GSE Energy Services Manager and distributed through the Energy Resources Consortium.



**TOTAL**  
**ENERGY**  
**SELF-**  
**SUFFICIENCY**



Enomondo, born in 2011 from the joint venture between Caviro Extra and Herambiente, is the company that manages the innovative combustion plant of biomass and composting.

# Natural Fertilizer



59,000

t/year produced



GREEN COMPOST FINE  
from mowing and pruning of public green



MIXED COMPOSTED FINE  
added vegetable waste and food industry by-  
products



FINE COMPOST WITH SLUDGE  
coming from the Caviro EXTRA anaerobic digestion plant



To return to the earth as much organic matter as  
possible

# Innovative projects



# Innovative projects

## - Wine -

### Sustainable winegrowing

**Improvement of agricultural sustainability** with modification of cultivation and crop protection techniques, in accordance with the objectives of the FTF and the new “PAC”. This activity is carried out with our partner winegrowers and Italy's leading research institutes

### Oenological innovation

Driving qualitative improvement of our wines and finished products through the **best techniques and protocols of agricultural and oenological management**.

Approach to new labeling system with elimination of substances to be declared on the label for a more natural product.

### EIT Climate-KIC and EIT Food

Knowledge and Innovation Communities (KIC): partnerships created by the EU to facilitate **collaboration between business companies and research centres** with the aim of driving technological innovation. . For its objectives, Caviro actively participates in the KIC linked to the world of food and circular economy.

### New packaging

**Development of even lighter (less Carbon Foot Print) and recyclable packaging**, produced with FSC paper or from renewable sources. Caviro participates in **USABLE PACKAGING project** financed by BBI for the development of new eco-sustainable packs.



# Innovative projects

## - Environment and Circular Economy -

### Reducing our environmental impact

**Recovery of CO2** obtained from the biomethane purification process. **Advanced methane and biofuels** obtained from the bio-digestion of agri-food waste. Reduction in the use of groundwater thanks to cutting-edge technologies for the **recovery of process water**.

### Soil preservation

Enhancement of waste for fertilizer use to recover Carbon and fix it in the land, **reducing the risk of desertification and improving the health of the soils**. The goal is to constantly **increase the amount of organic matter returned to the soil** in the form of composted **soil improver** from the agri-food chain. Funded SOSFERA projects within the regional RDP and BTF in the EIT Food area.

### Improving logistics

Caviro operates a freight pooling agreement with CHEP to share freight space with other agri-food companies. This cuts down on empty mileage, which **reduces the environmental impact of transport operations**. And by using CHEP pallets as part of this pooling agreement, **we also reduce our environmental impact in terms of CO2 emissions**. These emissions will fall even further with the introduction of LNG-powered vehicles.

# CAVIRO

Our business model generates real **value** that's shared by people, communities, and the environment. Not only in the wine sector, which is the preserve of Caviro Spa: through our subsidiaries Caviro Extra and Enomondo we transform waste into precious resources via a "virtuous cycle" which unites present and future.



UNIONE EUROPEA  
Fondo Europeo Agricolo  
per lo Sviluppo Rurale



Regione Emilia-Romagna

L'Europa investe nelle zone rurali

## Contact us

REGISTERED  
OFFICE  
Via Convertite 12  
48018 Faenza - RA -  
Italy  
+39 0546 629111  
caviro@caviro.it

[facebook](#)

[linkedin](#)

## Divisions



Zampeschi 117  
47122 Forlì - FC -

Italy  
**CAVIRO**  
EXTRA

Via Convertite 8  
48018 Faenza - RA -

Italy



Via Convertite 6  
48018 Faenza - RA -

Italy