

**B**  
**BOTTEGA**  
SpA

Family Vintners Since 1635



# SUSTAINABILITY REPORT

- General sustainability data of Bottega SpA VS Sector average
- Report by Life Gate and commissioned by Assodistil

March 2021

# Use of main raw materials

USE OF MAIN RAW MATERIALS PER TIPOLOGY	Units of measure	BOTTEGA SPA	NATIONAL TOTAL AMOUNT	Percentage of Bottega over total national Assodistil companies
		2019	2019	
		Quantity	Quantity	
<b>Wine masses</b>	t*	6.404	15.299	<b>41,9%</b>
<b>Musts/Partially fermented musts</b>	t*	464	467	<b>99,4%</b>
<b>Alcohol and Grappa (Raw distillates)</b>	t*	418	11.652	<b>3,6%</b>
<b>Grape marcs</b>	t*	2.568	534.240	<b>0,5%</b>

t\* = ton

## Notes on data:

Bottega covers a high share of musts compared to the other members, as it is a company that also produces wines, while it has a lower weight in the consumption of marc, as it does not have distillation as its main activity (11 member companies participated in the Sustainability Report Project; therefore we can take as a reference an average share of 9-10%)

# Direct CO2 emissions

Bottega records **-88%** lower than the sector average

DIRECT CO2 EMISSIONS	Units of measure	BOTTEGA SPA	NATIONAL TOTAL AMOUNT	Percentage of emissions compared to the national total	Percentage of Bottega emissions compared to sector average
		2019	2019		
		Quantity	Quantity		
Natural gas	t*	83	33.503	0,1%	-97%
Gasol	t*	0	1.561	0,0%	-100%
LPG	t*	317	1.180	24,0%	195%
Diesel	t*	5	209	2,8%	-73%
Biogas	t*	0	35	0,0%	-100%
<b>TOTAL CONSUMPTION</b>	t*	<b>404</b>	<b>36.488</b>	<b>0,92%</b>	<b>-88%</b>

t\* = ton

Note sui dati:

Bottega consumes very little methane (a small amount for the Fontanafredda office heating system), while it uses LPG to power the boilers for steam production. On LPG we are slightly above the national average, but we do not use diesel for heating.

The company's virtuousness can be seen in the total, where Bottega records a figure significantly lower than the sector average: **- 88%**.

# Purchased electricity

Bottega uses 78,2% energy from alternative sources

TOTAL PURCHASED ELECTRICITY	Units of measure	BOTTEGA SPA	NATIONAL TOTAL AMOUNT	Percentage of electricity purchased by type	Percentage of electricity purchased by type compared to sector average
		2019	2019		
		Quantity	Quantity		
From renewable sources	Gj*	8.283	10.497	78,2%	<b>768%</b>
From non-renewable sources	Gj*	-	35.513.141	0,0%	<b>-100%</b>
<b>TOTAL CONSUMPTION</b>	Gj*	<b>8.283</b>	<b>35.523.638</b>	<b>0,0%</b>	<b>-100%</b>

Gj\* = Giga joule (1 Gj = 1 million kilowatt / 1 billion watt)

Note sui dati:

Bottega **only** buys certified electricity produced from **fully renewable sources** and covers 78% of the energy from alternative sources of the total of its member companies

# Water withdrawals by source

Bottega consumes 59% lower of mains water compared to the National average

WATER WITHDRAWALS BY SOURCE (SWEET WATER)	Units of measure	BOTTEGA SPA	NATIONAL TOTAL AMOUNT	Percentage of water consumed by type over total sector considered	Percentage of water consumed by Bottega compared to the average considered
		2019	2019		
		Quantity	Quantity		
Groundwater	m3*	359.389	1.418.336	24,3%	<b>179%</b>
Third-party water resources	m3*	29.240	777.214	3,6%	<b>-59%</b>
Surface water	m3*	0	138.763	0,0%	<b>-100%</b>
<b>TOTAL CONSUMPTION</b>	m3*	<b>388.629</b>	<b>704.412</b>	<b>49,4%</b>	<b>507%</b>

m3\* = Metri cubi

Note sui dati:

Bottega consumes a lot of groundwater (**NOT drinkable**) to feed the geothermal plants and, in addition, has very low consumption, compared to the national average, of mains water: - **59%**.

Bottega does not consume surface water.

# Waste by disposal method

Compared to the National average, Bottega produces fewer non-dangerous waste (4,9%) and recovers 99% of the dangerous ones.

WASTE BY DISPOSAL METHOD	Units of measure	BOTTEGA SPA	NATIONAL TOTAL AMOUNT	Percentage of waste disposal method over total considered	Percentage of waste disposal method on average considered
		2019	2019		
		Quantity	Quantity		
<b>NON-DANGEROUS</b>					
Recovery, including energy recovery	kg*	599.000	11.188.292	4,9%	<b>-41%</b>
Landfill	kg*	296.000	1.086.900	14,8%	<b>200%</b>
Recycling	kg*		121.481		<b>-100%</b>
Composting	kg*	76.000	144.450	48,7%	<b>479%</b>
<b>TOTAL</b>	<b>kg*</b>	<b>971.000</b>	<b>12.541.123</b>	<b>6,2%</b>	<b>-15%</b>
<b>DANGEROUS</b>					
Recovery, including energy recovery	kg*	3.100	17.103	24,0%	<b>99%</b>
Landfill	kg*		36.038		<b>-100%</b>
Other	kg*		7.560		<b>-100%</b>
Recycling	kg*		1.892		<b>-100%</b>
Incineration	kg*		0		<b>0%</b>
<b>TOTAL</b>	<b>kg*</b>	<b>3.100</b>	<b>62.593</b>	<b>11,0%</b>	<b>-46%</b>

# Waste by disposal method

Kg\* = Kilogram

Notes on data:

## NON-DANGEROUS WASTE

The composting data refers to pruning residues left in the soil and, given the size of the vineyards owned, the percentage compared to the national average is very high.

## DANGEROUS WASTE (neon tubes, mineral oils for maintenance, electrical equipment)

For dangerous waste, Bottega is in line with the national average (11% of the total), but above all it is fully recovered.

# Employees (professional category / age)

Bottega is in line with the National average

BOTTEGA SPA	2019						2018					
	N°Emp. <30	%	N°Emp. 30-50	%	N°Emp. >50	%	N°Emp. <30	%	N°Emp. 30-50	%	N°Emp. >50	%
<b>Directors</b>	0	0,0%	1	0,7%	1	0,7%	0	0,0%	0	0,0%	1	0,7%
<b>Executives</b>	0	0,0%	0	0,0%	3	2,0%	0	0,0%	0	0,0%	4	2,6%
<b>Employees</b>	11	7,2%	55	35,9%	24	15,7%	12	7,9%	59	39,1%	19	12,6%
<b>Worker</b>	7	4,6%	39	25,5%	12	7,8%	9	6,0%	35	23,2%	12	7,9%
<b>TOTAL</b>	<b>18</b>		<b>95</b>		<b>40</b>		<b>21</b>		<b>94</b>		<b>36</b>	
ASSODISTIL	2019						2018					
	N°Emp. <30	%	N°Emp. 30-50	%	N°Emp. >50	%	N°Emp. <30	%	N°Emp. 30-50	%	N°Emp. >50	%
<b>Directors</b>	0	0,0%	5	0,8%	16	2,4%	0	0,0%	5	0,8%	14	2,2%
<b>Executives</b>	0	0,0%	9	1,4%	15	2,3%	0	0,0%	8	1,2%	16	2,5%
<b>Employees</b>	44	6,7%	143	21,7%	58	8,8%	42	6,5%	148	23,1%	54	8,4%
<b>Worker</b>	63	9,6%	191	29,0%	115	17,5%	60	9,3%	170	26,5%	125	19,5%
<b>TOTAL</b>	<b>107</b>		<b>348</b>		<b>204</b>		<b>102</b>		<b>331</b>		<b>209</b>	

# Employees (professional category/ age)

## Notes on data:

Bottega is basically in line with the national average in the distribution of staff by age group.

The proportion of employees over 30 and 50 years of age rises slightly, probably due to a greater articulation of the business compared to the others (it should be remembered that all the data refer to the Bottega company as a whole, i.e. both the part that produces spirits and that relating to wines and sparkling wines, while the other associates are less diversified; some are even almost single-product).

# Employees (professional category / genre)

Bottega is in line with the National average

BOTTEGA SPA	2019					2018				
	Women	%	Men	%	Total	Women	%	Men	%	Total
<b>Directors</b>	0	0,0%	2	1,3%	2	0	0,0%	1	0,7%	1
<b>Executives</b>	0	0,0%	3	2,0%	3	1	0,7%	3	2,0%	4
<b>Employees</b>	60	39,2%	30	19,6%	90	61	40,4%	29	19,2%	90
<b>Worker</b>	15	9,8%	43	28,1%	58	16	10,6%	40	26,5%	56
<b>TOTAL</b>	<b>75</b>		<b>78</b>		<b>153</b>	<b>78</b>		<b>73</b>		<b>151</b>
ASSODISTIL	2019					2018				
	Women	%	Men	%	Total	Women	%	Men	%	Total
<b>Directors</b>	4	0,6%	17	2,6%	21	4	0,6%	15	2,3%	19
<b>Executives</b>	1	0,2%	23	3,5%	24	2	0,3%	22	3,4%	24
<b>Employees</b>	141	21,4%	104	15,8%	245	139	21,7%	105	16,4%	244
<b>Worker</b>	35	5,3%	334	50,7%	369	39	6,1%	316	49,2%	355
<b>TOTAL</b>	<b>181</b>		<b>478</b>		<b>659</b>	<b>184</b>		<b>458</b>		<b>642</b>

# COMPARISON TABLES

## Employees (professional category/ genre)

### Note sui dati:

The higher presence of female employees, compared to the national average, is probably due to the widespread organisation of the sales force, where the majority of employees are female.

The proportion in the blue collar category is also higher, due to the consistent presence of women in the production departments, especially in the liquor factory.

# FINAL CONSIDERATIONS

The sustainability report drawn up by Assodistil showed that the main features of Bottega are:

- **CO2 EMISSIONS:** Bottega's direct CO2 emissions are **88% lower** than the industry average
- **ELECTRICITY:** Bottega **only** buys certified electricity from **fully renewable sources**
- **WATER:** Bottega uses **non-potable groundwater**
- **WASTE:** Non-dangerous waste is converted into compost, while dangerous waste is **100%** recovered.

# NEW INVESTMENTS MARCH 2021

- NEW OSMOSIS SYSTEM FOR DEMINERALISATION
- NEW OXYGENATION SYSTEM FOR THE PURIFIER

These two new investments will further reduce potable  
water consumption

**By 15%**

THANK YOU  
FOR YOUR ATTENTION!

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