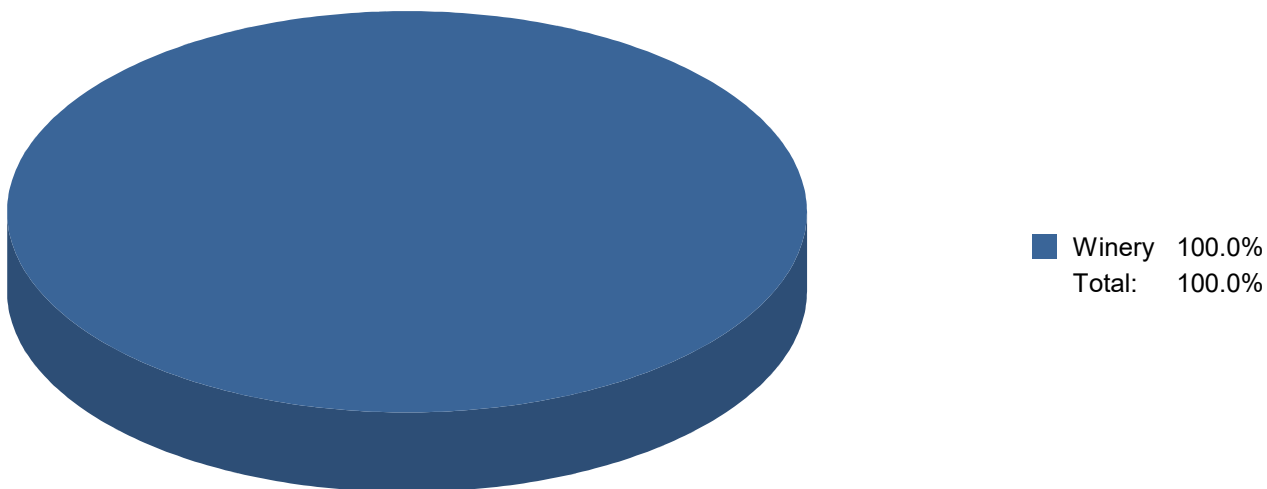


Carbon Calculator Results

Business Name: Wellington Wines (Edms) Ltd
Country Name: South Africa
Creation Date: 10/30/2025 8:20:19AM
Data Collection Period: Oct 2024 to Sep 2025
Report Grade: B1 - This dataset has been checked by CCC and is part of the benchmark.

Business Unit - Boundary View



Boundary	Tonne CO ₂ e	%
Winery	3,344.56	100.00
Total	3,344.56	100.00

The Carbon Calculator must be completed on an annual basis. This allows users to monitor their carbon footprint trend and analyse improvements.

Business Name:

Wellington Wines (Edms) Ltd

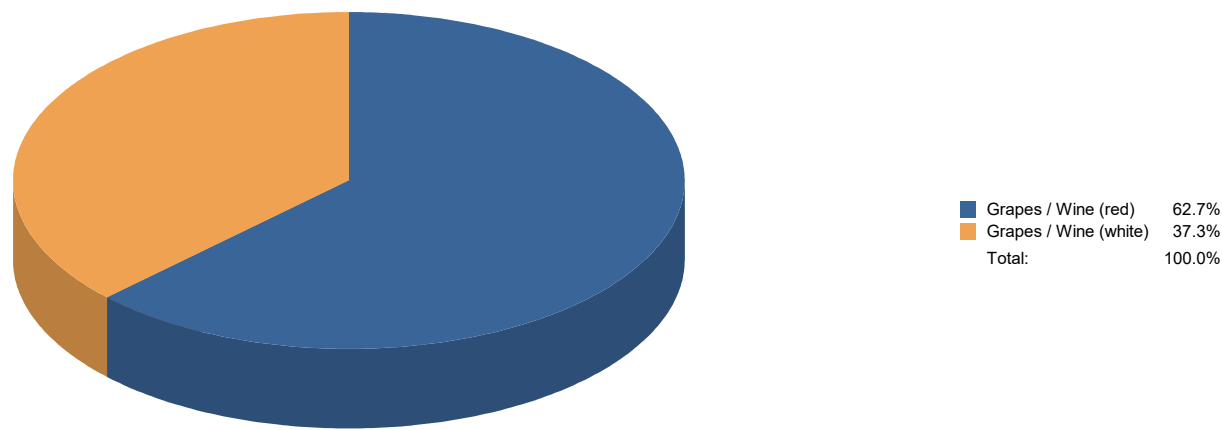
Dataset:

10/30/2025 8:20:19AM

Data Collection Period:

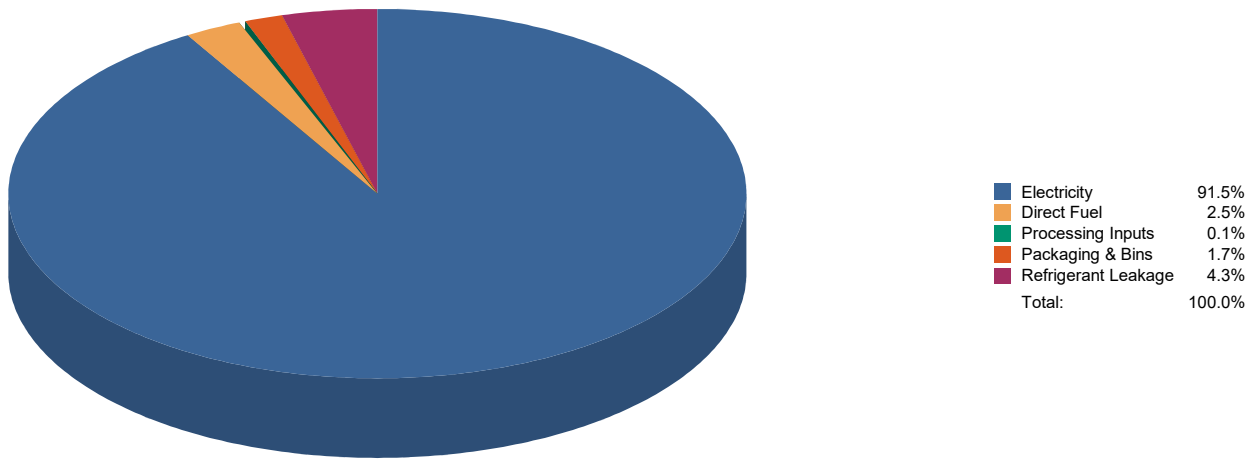
Oct 2024 to Sep 2025

Business Unit - Commodity View



Commodity	Tonne CO ₂ e	%
Grapes / Wine (red)	2,097.85	62.72
Grapes / Wine (white)	1,246.71	37.28
Total	3,344.56	100.00

Winery - Emission Source View



Emission Source	Tonne CO ₂ e	%
Electricity	3,059.74	91.48
Direct Fuel	82.17	2.46
Processing Inputs	3.53	0.11
Packaging & Bins	56.92	1.70
Refrigerant Leakage	142.21	4.25
Total	3,344.56	100.00

Business Name:

Wellington Wines (Edms) Ltd

Dataset:

10/30/2025 8:20:19AM

Data Collection Period:

Oct 2024 to Sep 2025

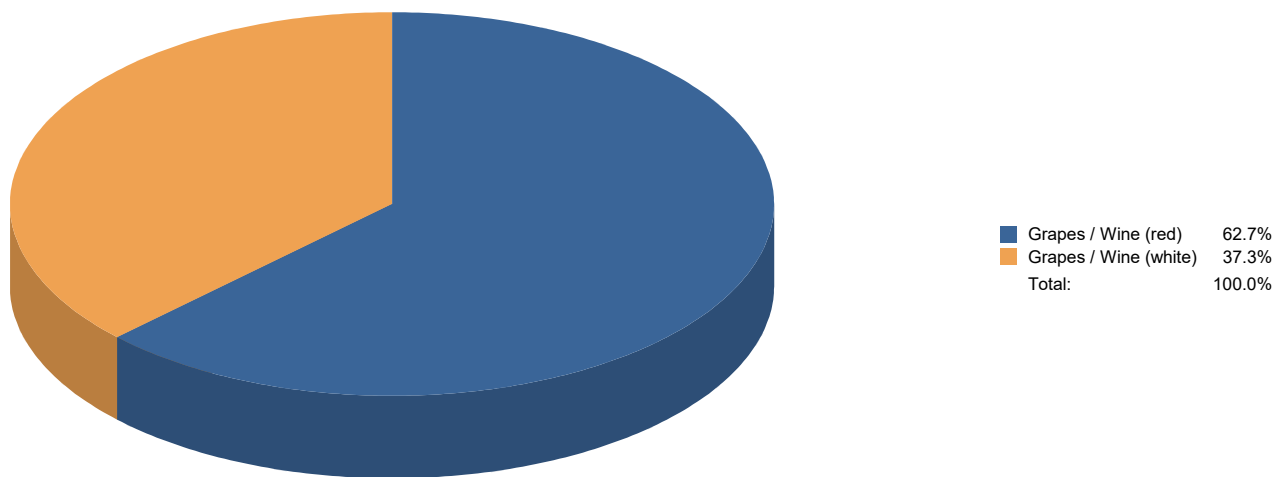
Winery Commodity Benchmark

Commodity	Kg CO2e per L Wine	Benchmark
Grapes / Wine (red) - Processing	0.15	The CCC regional average is 0.41 Kg CO2e per L Wine and consist of 62 data points.
Grapes / Wine (white) - Processing	0.15	The CCC regional average is 0.46 Kg CO2e per L Wine and consist of 61 data points.

Winery Scope Breakdown

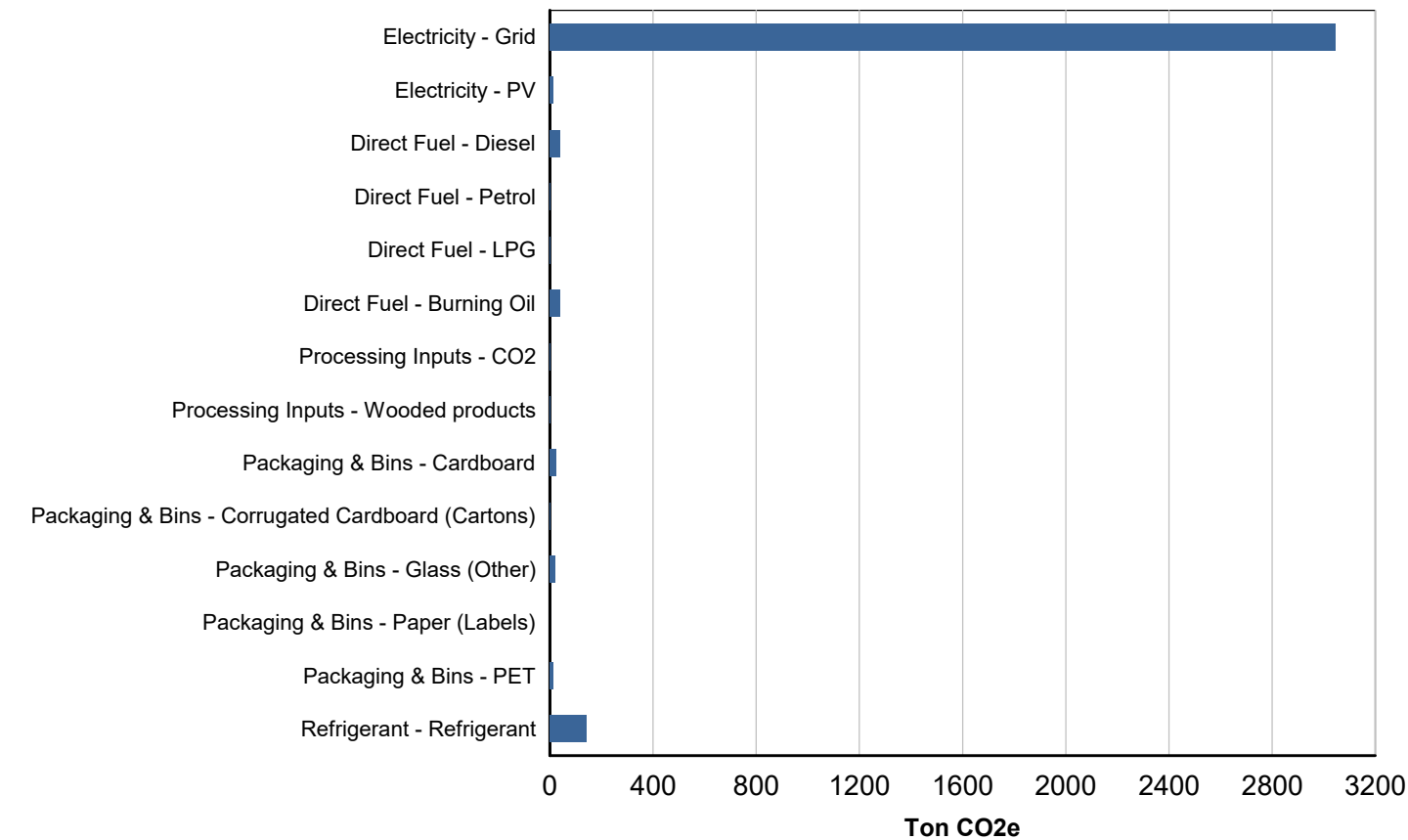
	Tonne CO ₂ e	%
Scope 1	238.32	7.13
Scope 2	3,048.20	91.14
Scope 3	58.04	1.74
Total	3,344.56	100.00

Winery - Commodity View



Commodity	Tonne CO ₂ e	%
Grapes / Wine (red)	2,097.85	62.72
Grapes / Wine (white)	1,246.71	37.28
Total	3,344.56	100.00

Winery - Emission Source Breakdown



Emission Source	Tonne CO ₂ e	%
Electricity - Grid	3,048.20	91.14
Electricity - PV	11.54	0.34
Direct Fuel - Diesel	40.98	1.23
Direct Fuel - Petrol	1.17	0.03
Direct Fuel - LPG	0.86	0.03
Direct Fuel - Burning Oil	39.17	1.17
Processing Inputs - CO2	2.40	0.07
Processing Inputs - Wooded products	1.13	0.03
Packaging & Bins - Cardboard	22.72	0.68
Packaging & Bins - Corrugated Cardboard (Cartons)	3.16	0.09
Packaging & Bins - Glass (Other)	18.81	0.56
Packaging & Bins - Paper (Labels)	0.16	0.00

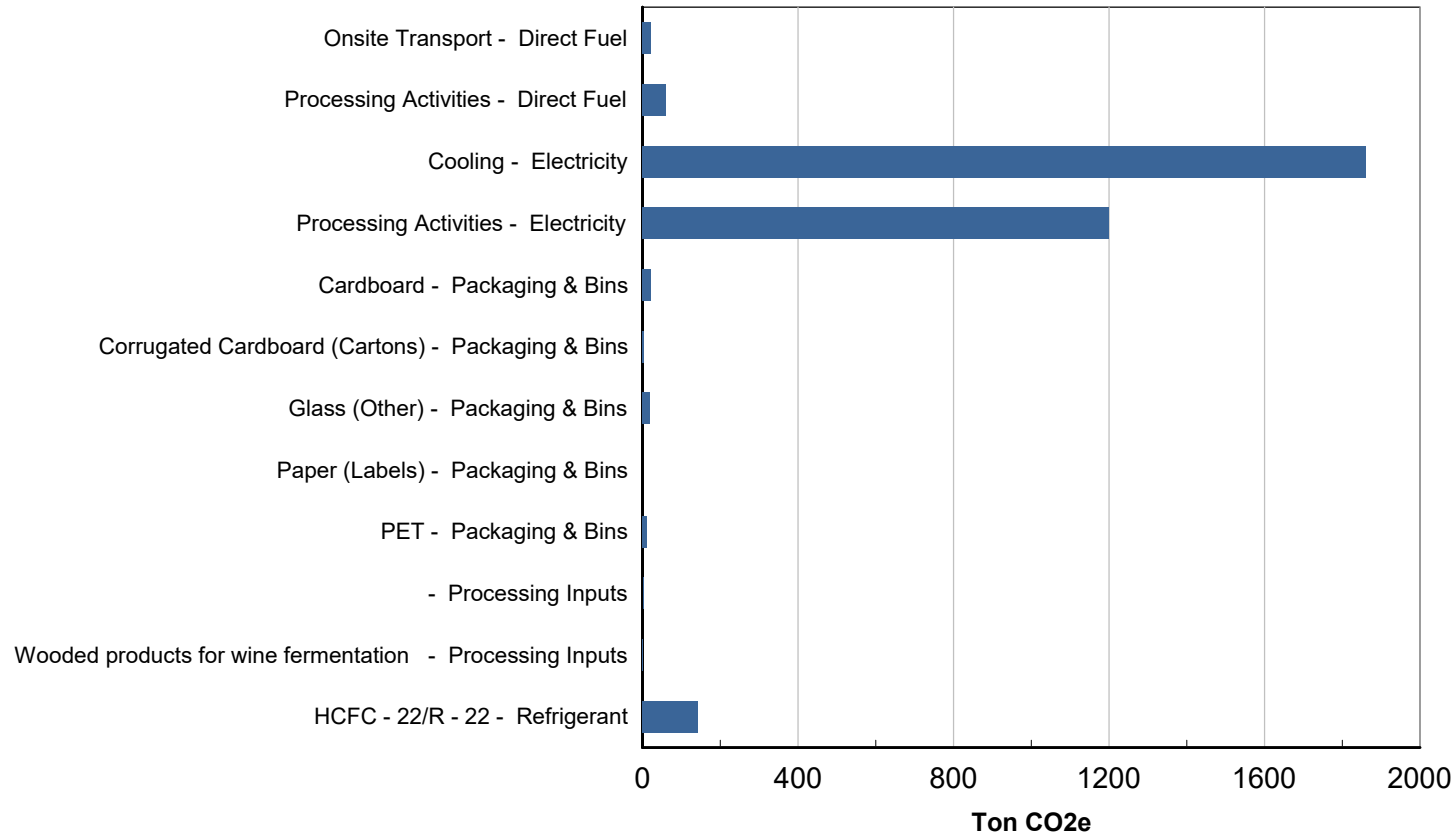
Business Name: Wellington Wines (Edms) Ltd

Dataset: 10/30/2025 8:20:19AM

Data Collection Period: Oct 2024 to Sep 2025

Packaging & Bins - PET	12.08	0.36
Refrigerant - Refrigerant	142.21	4.25
Total	3,344.56	100.00

Winery - Activity Breakdown



Activity Breakdown	Tonne CO ₂ e	%
Onsite Transport - Direct Fuel	22.30	0.67
Processing Activities - Direct Fuel	59.87	1.79
Cooling - Electricity	1,860.98	55.64
Processing Activities - Electricity	1,198.75	35.84
Cardboard - Packaging & Bins	22.72	0.68
Corrugated Cardboard (Cartons) - Packaging & Bins	3.16	0.09
Glass (Other) - Packaging & Bins	18.81	0.56
Paper (Labels) - Packaging & Bins	0.16	0.00
PET - Packaging & Bins	12.08	0.36
- Processing Inputs	2.40	0.07
Wooded products for wine fermentation - Processing Inputs	1.13	0.03
HCFC - 22/R - 22 - Refrigerant	142.21	4.25
Total	3,344.56	100.00

Business Name:

Wellington Wines (Edms) Ltd

Dataset:

10/30/2025 8:20:19AM

Data Collection Period:

Oct 2024 to Sep 2025

Detailed Carbon Emissions Breakdown

Detailed Activities	Tonne CO ₂ e	%
Electricity - Grid - Processing Activities	1,194.14	35.70
Electricity - Grid - Cooling	1,854.06	55.44
Electricity - PV - Processing Activities	4.62	0.14
Electricity - PV - Cooling	6.92	0.21
Direct Fuel - Diesel - Processing Activities	20.70	0.62
Direct Fuel - Diesel - Onsite Transport	20.28	0.61
Direct Fuel - Petrol - Onsite Transport	1.17	0.03
Direct Fuel - LPG - Onsite Transport	0.86	0.03
Direct Fuel - Burning Oil - Processing Activities	39.17	1.17
Processing Inputs - CO2 -	2.40	0.07
Processing Inputs - Wooded products - Wooded products for wine fermentation	1.13	0.03
Refrigerant - Refrigerant - HCFC - 22/R - 22	142.21	4.25
Packaging & Bins - Glass (Other) - Glass (Other)	18.81	0.56
Packaging & Bins - Cardboard - Cardboard	22.72	0.68
Packaging & Bins - Corrugated Cardboard (Cartons) - Corrugated Cardboard (Cartons)	3.16	0.09
Packaging & Bins - Paper (Labels) - Paper (Labels)	0.16	0.00
Packaging & Bins - PET - PET	12.08	0.36
Total	3,344.56	100.00

Business Name: Wellington Wines (Edms) Ltd

Dataset: 10/30/2025 8:20:19AM

Data Collection Period: Oct 2024 to Sep 2025

Winery Consumption Benchmarks

Commodity	Consumption Measure	Result	Benchmark
Grapes / Wine (red)	Litres Water per Ton Grapes Processed	1,722.36	The CCC regional average is 2676.96 Litres Water per Ton Grapes Processed and consist of 50 data points.
Grapes / Wine (red)	Litres Waste Water per Ton Grapes Processed	1,024.59	The CCC regional average is 2832.87 Litres Waste Water per Ton Grapes Processed and consist of 51 data points.
Grapes / Wine (red)	Processing kWh per Ton Grapes Processed	46.74	The CCC regional average is 179.91 Processing kWh per Ton Grapes Processed and consist of 50 data points.
Grapes / Wine (red)	Cooling kWh per Ton Grapes Processed	72.32	The CCC regional average is 175.57 Cooling kWh per Ton Grapes Processed and consist of 50 data points.

Commodity	Consumption Measure	Result	Benchmark
Grapes / Wine (white)	Litres Water per Ton Grapes Processed	1,740.09	The CCC regional average is 2740.93 Litres Water per Ton Grapes Processed and consist of 50 data points.
Grapes / Wine (white)	Litres Waste Water per Ton Grapes Processed	1,024.59	The CCC regional average is 2832.87 Litres Waste Water per Ton Grapes Processed and consist of 51 data points.
Grapes / Wine (white)	Processing kWh per Ton Grapes Processed	47.22	The CCC regional average is 232.33 Processing kWh per Ton Grapes Processed and consist of 50 data points.
Grapes / Wine (white)	Cooling kWh per Ton Grapes Processed	73.07	The CCC regional average is 241.72 Cooling kWh per Ton Grapes Processed and consist of 50 data points.

Business Name: Wellington Wines (Edms) Ltd
Dataset: 10/30/2025 8:20:19AM
Data Collection Period: Oct 2024 to Sep 2025