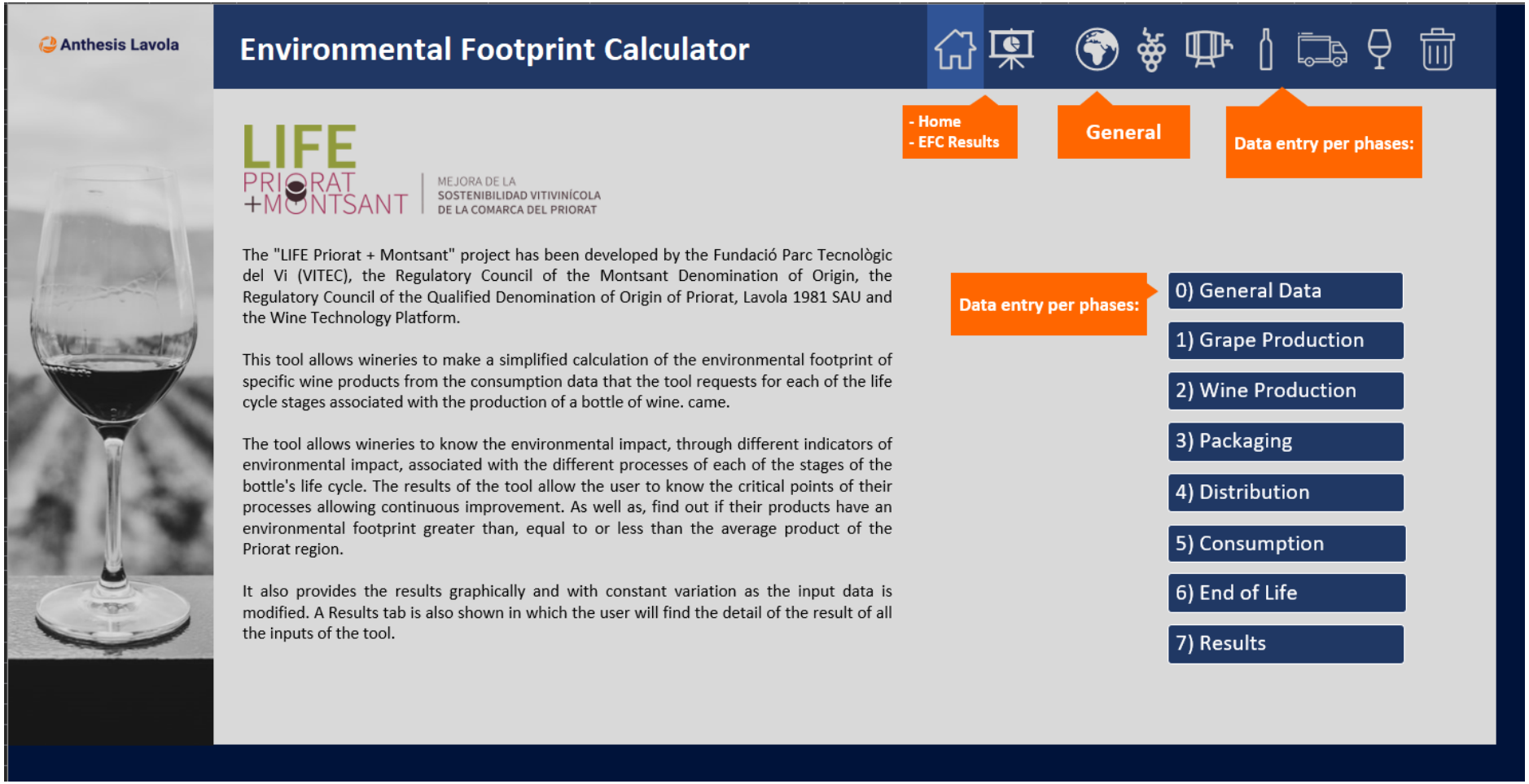
If you want to receive this tool. Please contact us on info@lavola.com and we will send it to you.



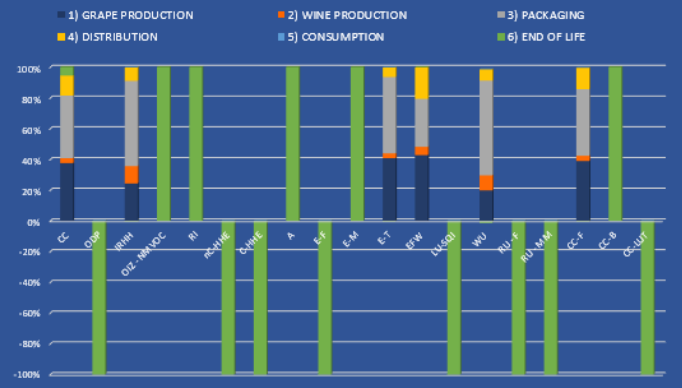
0) GENERAL DATA

Datos del producto

Name of the product	VINO EJEMPLO	
Completion date	15/12/2020	
Cellar	BODEGA EJEMPLO	
Direction	SIN ESPECIFICAR	
Bottle capacity	0,75	litros
Annual wine production	20000	litros
Annual wine production (evaluated wine)	806.265,80	litros

All the data to be entered in the tool will be to produce this amount of wine.

IMPACT SUMMARY



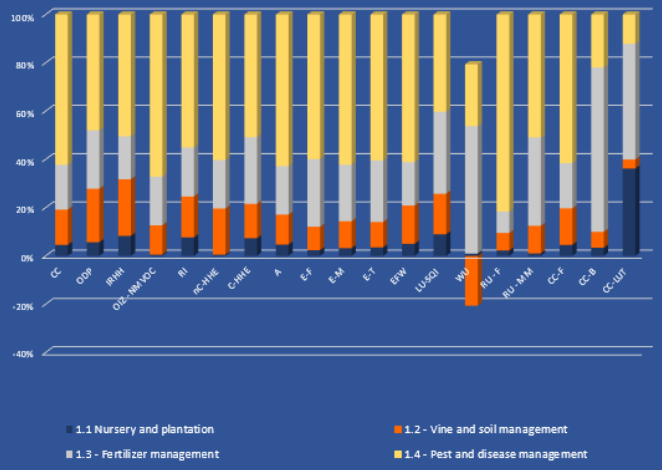
1) GRAPE PRODUCTION

Remember that all the information that we include in this section is to produce the quantity of "evaluated wine"

Years of life of the material used (usually 1 or 2

1.1 Nursery and plantation	Material	Qty.	Unit	%	Service Life
Poles	Steel	2502,525	kg		35
	Aluminum	0	kg		0
	Wood	0	kg		0
	Cement	0	kg		0
	Plastic	0	kg		0
	Iron	0	kg		0
Fastening materials	Steel	0	kg		0
	Wire	194,672	kg		1
	Rubber	0	kg		0
	Cupper	0	kg		0
Organic fertilizers	Cow dung	0	kg		
	Pig manure	0	kg		
	Chicken manure	129920,3	kg		
	Compost	0	kg		
Synthetic fertilizers	NPK compounds	0	kg		
Pesticides	Sulfur	0	kg	100%	
	Copper	0	kg	100%	
	Biodynamics	0	kg	100%	
	Copper sulphate	0	kg	100%	
	Copper oxychloride	0	kg	100%	
	Armicab	0	kg	100%	
	Chlorpyrifos	0	kg	100%	
	Septum	0	kg	100%	
	Pyridine	0	kg	100%	
	Collis	0	kg	100%	

PHASE SUMMARY



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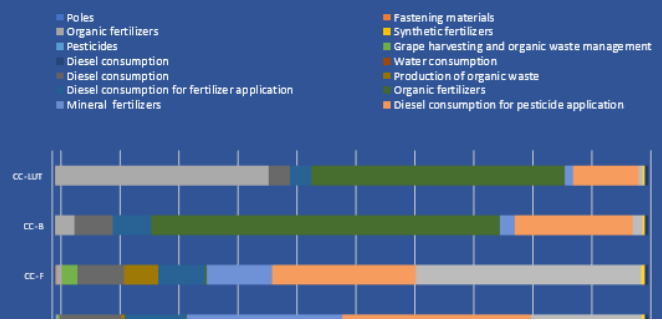
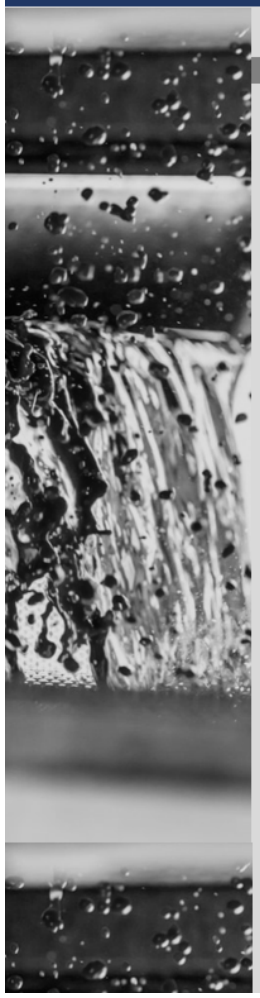


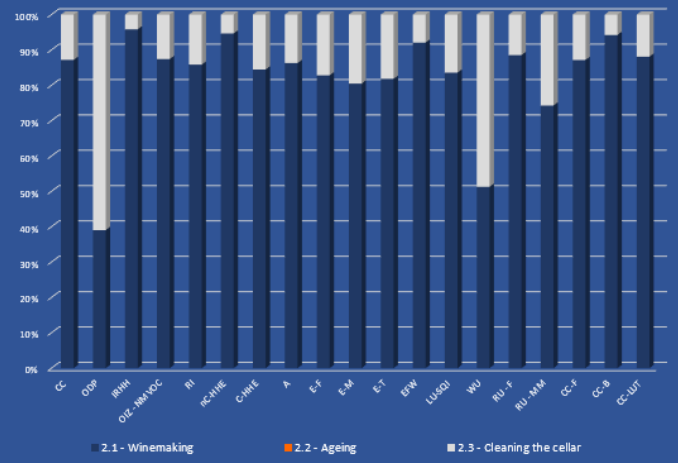
2) WINE PRODUCTION

Remember that all the information that we include in this section is to produce the quantity of "evaluated wine"

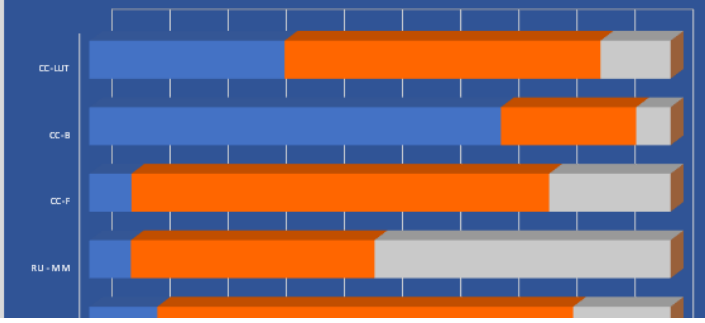


2.1 - Winemaking	Material	Qty.	Unit	%
Oenological products	Sulfurous	1215	kg	100%
	Yeast	226,83	kg	100%
	Sulfur anhydride	0	kg	100%
	Enzymes	0	kg	100%
	Ammonium bisulfate	0	kg	100%
	Gum arabic	0	kg	100%
	Bentonite	0	kg	100%
	Cellulose gum	55,55	kg	100%
	Potassium metabisulfite	13,4259	kg	100%
	Metartaric acid	0	kg	100%
	Sweetgum	333,53	kg	100%
	Collagen	0	kg	100%
	Caldo bordelés	0	kg	100%
	Solfosol M	0	kg	100%
	Actiferm	0	kg	100%
	Optired	0	kg	100%
	Tannins	0	kg	100%
Energy consumption	Pressed grapes	3078	kWh	
	Fermentation and clarification	23750	kWh	
	Crushed and destemmed	2781	kWh	
	Vintage pump	6157	kWh	
	Crushed and destemmed	0	kWh	
	Transfer pump	0	kWh	
	Filtration	2199	kWh	
	Storage	0	kWh	
	Air conditioning	0	kWh	

IMPACT SUMMARY



PHASE INPUTS

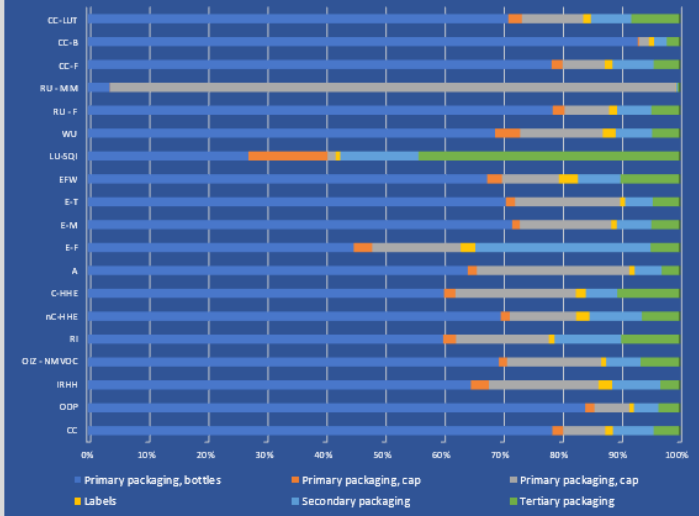


3) PACKAGING

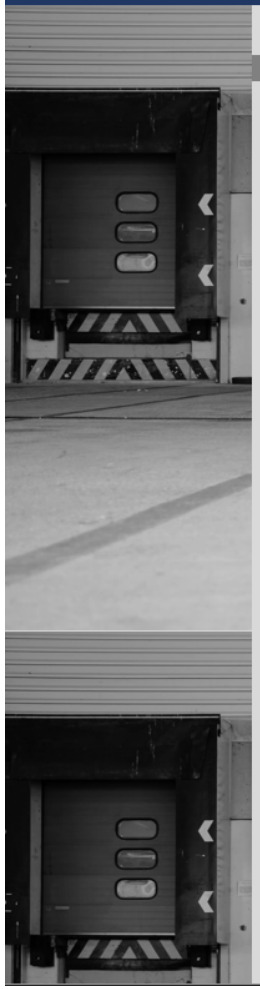
Remember that all the information that we include in this section is to produce the quantity of "evaluated wine"

3.1 - Packaging production	Material	Qty.	Unit
Primary packaging, bottles	Glass bottles	607447	kg
	Recycled glass bottles	0	kg
Primary packaging, cap	Cork	4603	kg
	Rubber	0	kg
Primary packaging, cap	Stain	1343,77	kg
	Aluminum	609,5	kg
Labels	Paper	2359	kg
Secondary packaging	Cardboard boxes	25095	kg
	Recycled cardboard boxes	0	kg
	Wooden boxes	27905	kg
	Plastic boxes	0	kg
Tertiary packaging	Wooden pallet	39893	kg
	Plastic pallet	0	kg
	Plastic film	0	kg

IMPACT SUMMARY



4) DISTRIBUTION

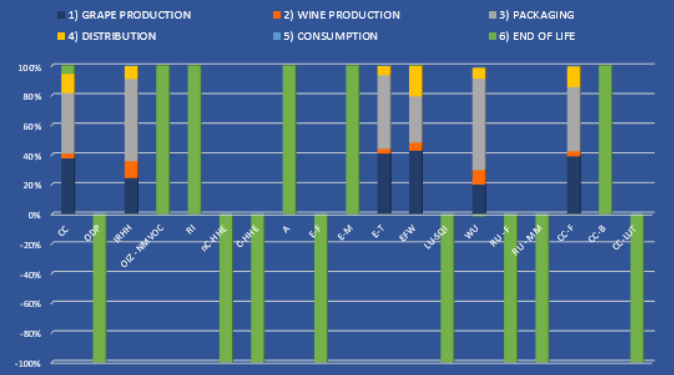


The total ALWAYS has to be 100%

102%

4.1 - Distribution	Destination	Transport type	% Distribution	Distance	
Destination 1	In situ		0,800%	0	km
Destination 2	Local	Van	26%	25	km
Destination 3	Nacional	Van	71%	200	km
Destination 4	Europa	Big truck	0%	2500	km
Destination 5	Internacional	Boat	2%	5000	km
Destination 6	Internacional	Big truck	2%	400	km
Destination 7			0%		km
Destination 8			0%		km
Destination 9			0%		km
Destination 10			0%		km
Destination 11			0%		km
Destination 12			0%		km
Destination 13			0%		km
Destination 14			0%		km
Destination 15			0%		km
Destination 16			0%		km
Destination 17			0%		km
Destination 18			0%		km
Destination 19			0%		km
Destination 20			0%		km
Destination 21			0%		km
Destination 22			0%		km
Destination 23			0%		km
Destination 24			0%		km
Destination 25			0%		km
Destination 26			0%		km

IMPACT SUMMARY



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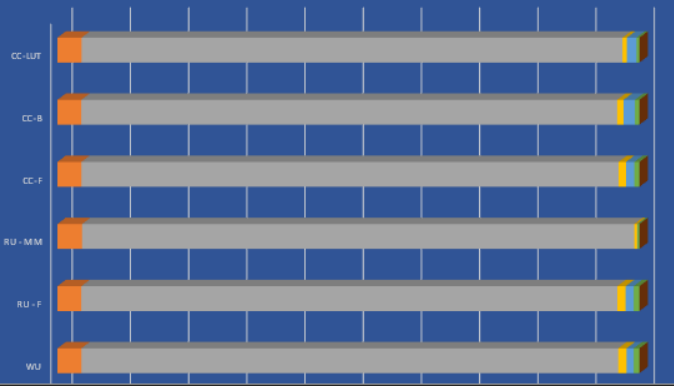
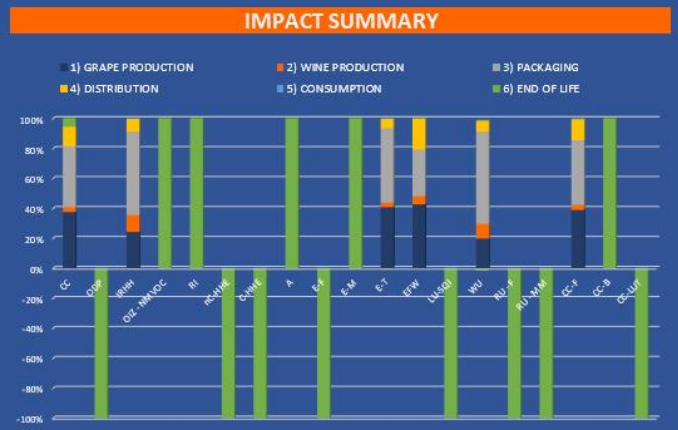


5) CONSUMPTION

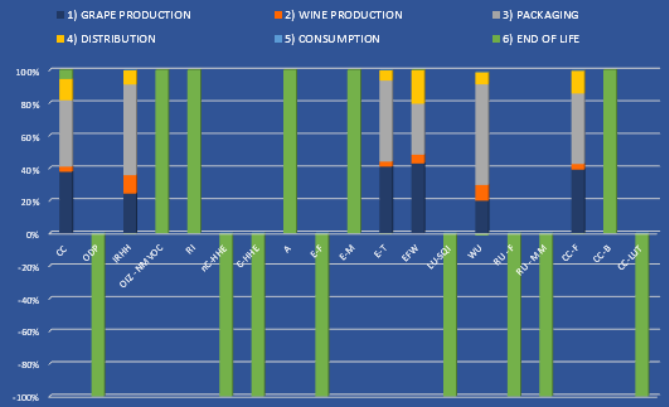


6) END OF LIFE

6.1 - End of Life Scenario	kg	
Cardboard	27454,00	kg
Plastics	0,00	kg
Bottle	607447,00	unit
Wood	72401,00	kg

It is filled automatically

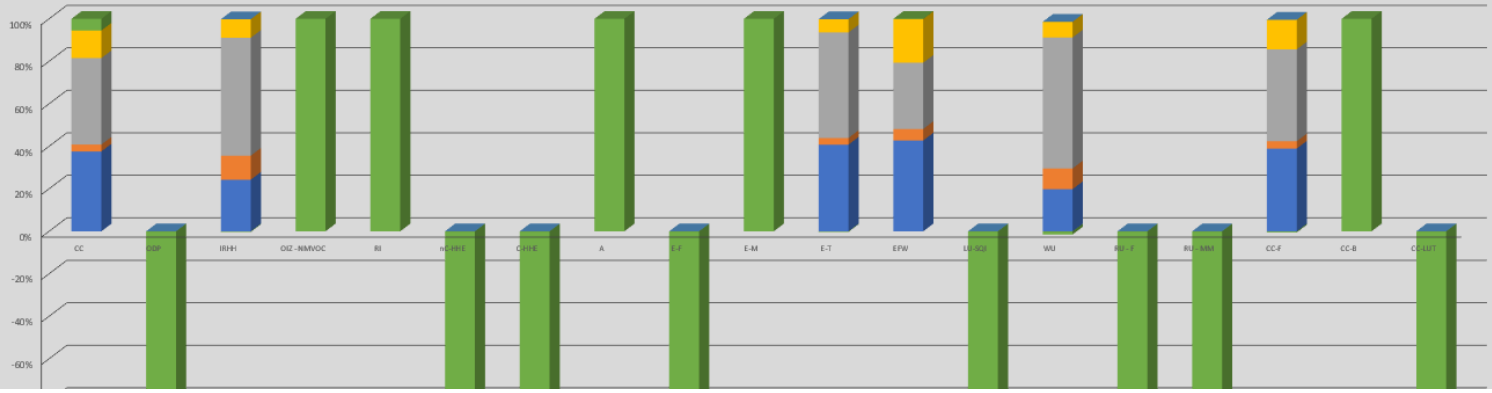
IMPACT SUMMARY



7) RESULTS

SUMMARY 1 2 3 4 5 6

	Climate change	Ozone depletion	Ionising radiation, HH	Photochemical ozone formation, HH	Respiratory inorganics	Non-cancer human health effects	Cancer human health effects	Acidification terrestrial and freshwater	Eutrophication freshwater	Eutrophication marine	Eutrophication terrestrial (moL	Ecotoxicity freshwater	Land use	Water scarcity	Resource use energy, energy carriers	Resource use, mineral and materials	Climate change - fossil	Climate change - biogenic	Climate change - land use and transformation
	CC	ODP	IRHH	OIZ - NMVOC	RI	nC-HHE	C-HHE	A	E-F	E-M	E-T	EFW	LU-SQI	WU	RU - F	RU - MM	CC-F	CC-B	CC-LUT
	kg CO_2 eq	kg CFC -11 eq	kBq U^{235} eq	kg NMVOC eq	disease incidence	CTUh	CTUh	mol H+ eq	kg P eq	kg Neq	mol Neq	CTUe	Dimensionless (pt)	m^3 world eq	MJ	kg Sb eq	kg CO_2 eq	kg CO_2 eq	kg CO_2 eq
1) GRAPE PRODUCTION	3,24E-01	2,79E-08	1,92E-02	1,42E-03	1,65E-08	3,27E-07	4,52E-09	2,24E-03	6,76E-05	4,16E-04	4,61E-03	3,83E-01	3,69E+00	3,30E-02	8,93E+00	2,17E-06	3,13E-01	1,14E-03	1,26E-03
2) WINE PRODUCTION	2,78E-02	1,04E-08	8,95E-03	9,62E-05	1,52E-09	4,70E-09	2,56E-10	1,83E-04	6,92E-06	3,61E-05	3,53E-04	4,84E-02	6,55E-01	1,62E-02	5,49E-01	3,99E-08	2,75E-02	1,13E-04	2,05E-04
3) PACKAGING	3,51E-01	5,13E-08	4,39E-02	1,55E-03	2,19E-08	4,69E-08	4,15E-09	2,87E-03	9,74E-05	4,84E-04	5,61E-03	2,80E-01	3,80E+01	1,02E-01	5,57E+00	2,51E-05	3,47E-01	3,26E-03	6,10E-04
4) DISTRIBUTION	1,12E-01	2,40E-08	6,89E-03	2,60E-04	5,51E-09	1,39E-08	1,21E-09	3,59E-04	2,43E-06	6,24E-05	7,06E-04	1,84E-01	1,14E+00	1,22E-02	1,65E+00	5,44E-07	1,12E-01	3,55E-05	5,35E-05
5) CONSUMPTION	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
6) END OF LIFE	4,76E-02	-9,58E-03	-1,49E-04	3,51E+02	3,99E-03	-1,08E-02	-1,07E-03	3,29E+02	-8,76E+00	1,14E+02	-1,89E-05	9,98E-04	-4,54E+05	-2,29E-03	-1,43E+06	-2,37E-01	-3,36E-03	9,37E+01	-2,44E+02
TOTAL	8,63E-01	-9,58E-03	7,88E-02	3,51E+02	3,99E-03	-1,08E-02	-1,07E-03	3,29E+02	-8,76E+00	1,14E+02	1,13E-02	8,96E-01	-4,54E+05	1,61E-01	-1,43E+06	-2,37E-01	7,97E-01	9,37E+01	-2,44E+02



	Climate change	Ozone depletion	Ionising radiation, HH	Photochemical ozone formation, HH	Respiratory inorganics	Non-cancer human health effects	Cancer human health effects	Acidification terrestrial and freshwater	Eutrophication freshwater	Eutrophication marine	Eutrophication terrestrial (moL	Ecotoxicity freshwater	Land use	Water scarcity	Resource use energy, energy carriers	Resource use, mineral and materials	Climate change - fossil	Climate change - biogenic	Climate change - land use and transformation
	CC	ODP	IRHH	POF - NMVOC	RI	nC-HHE	C-HHE	A	E-F	E-M	E-T	EFW	LU-SQI	WU	RU-F	RU-MM	CC-F	CC-B	CC-LUT
	kg CO_2 eq	kg CFC^{-11} eq	kBq U^{235} eq	kg NMVOC eq	disease incidence	CTUh	CTUh	mol H+ eq	kg P eq	kg Neq	mol Neq	CTUe	Dimensionless (pt)	m^3 world eq	MJ	kg Sb eq	kg CO_2 eq	kg CO_2 eq	kg CO_2 eq
1.1 Nursery and plantation	1,48E-02	1,58E-09	1,59E-03	7,17E-06	1,26E-09	1,57E-09	3,29E-10	1,05E-04	1,61E-06	1,32E-05	1,61E-04	1,92E-02	3,30E-01	5,30E-04	1,97E-01	2,17E-08	1,43E-02	3,82E-05	4,56E-04
Poles	3,08E-04	1,28E-11	1,13E-05	1,23E-06	2,67E-11	5,38E-11	5,77E-11	1,44E-06	2,95E-07	2,93E-07	3,20E-06	6,95E-04	1,43E-03	7,13E-05	2,46E-03	4,43E-09	3,08E-04	1,75E-07	1,09E-07
Fastening materials	5,99E-04	3,06E-11	4,93E-05	2,32E-06	5,83E-11	8,10E-10	2,19E-10	2,60E-06	2,17E-07	5,19E-07	5,62E-06	2,56E-03	2,41E-03	1,07E-04	5,70E-03	7,50E-10	5,99E-04	3,47E-07	2,79E-07
Organic fertilizers	3,04E-03	1,30E-10	1,79E-04	8,56E-06	4,12E-10	-1,43E-12	3,01E-11	5,44E-05	1,05E-06	1,73E-05	2,13E-04	6,09E-03	2,48E-01	7,33E-03	2,36E-02	4,73E-09	2,55E-03	3,68E-05	4,55E-04
Synthetic fertilizers	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
Pesticides	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
Grape harvesting an	8,11E-03	7,22E-10	1,15E-03	-1,31E-05	5,19E-10	1,65E-10	3,37E-12	3,74E-05	3,51E-09	-6,70E-06	-8,05E-05	2,85E-04	1,89E-04	-7,32E-03	1,20E-01	6,66E-09	8,11E-03	3,00E-08	1,85E-08
Diesel consumption	9,84E-06	1,32E-12	6,59E-07	7,51E-08	4,84E-13	2,49E-11	2,43E-13	7,33E-08	2,63E-09	2,33E-08	2,52E-07	1,67E-05	1,89E-04	1,49E-06	1,21E-04	9,08E-11	9,80E-06	3,00E-08	1,85E-08
Water consumption	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
Transport	2,75E-03	6,85E-10	1,96E-04	8,08E-06	2,40E-10	5,21E-10	1,93E-11	8,75E-06	3,68E-08	1,83E-06	2,04E-05	9,55E-03	7,81E-02	3,39E-04	4,53E-02	5,05E-09	2,75E-03	7,63E-07	7,74E-07
1.2 - Vine and soil managemen	4,74E-02	6,18E-09	4,52E-03	1,72E-04	2,80E-09	6,25E-08	6,43E-10	2,79E-04	6,54E-06	4,65E-05	4,85E-04	6,07E-02	6,20E-01	-1,16E-02	6,49E-01	2,48E-07	4,72E-02	7,52E-05	4,71E-05
Diesel consumption	2,42E-02	3,24E-09	1,62E-03	1,85E-04	1,19E-09	6,12E-08	5,98E-10	1,80E-04	6,46E-06	5,75E-05	6,21E-04	4,11E-02	4,64E-01	3,68E-03	2,98E-01	2,23E-07	2,41E-02	7,37E-05	4,55E-05
Production of organi	1,76E-02	1,57E-09	2,50E-03	-2,87E-05	1,13E-09	3,05E-10	6,81E-12	8,12E-05	1,91E-09	-1,46E-05	-1,76E-04	5,84E-04	0,00E+00	-1,53E-02	2,61E-01	1,43E-08	1,76E-02	0,00E+00	0,00E+00
Transport	5,50E-03	1,37E-09	3,91E-04	1,61E-05	4,79E-10	1,04E-09	3,86E-11	1,75E-05	7,35E-08	3,65E-06	4,07E-05	1,91E-02	1,56E-01	6,78E-04	9,04E-02	1,01E-08	5,49E-03	1,52E-06	1,55E-06
1.3 - Fertilizer management	6,02E-02	6,74E-09	3,41E-03	2,85E-04	3,34E-09	6,57E-08	1,25E-09	4,50E-04	1,89E-05	9,71E-05	1,17E-03	6,87E-02	1,25E+00	2,96E-02	7,88E-01	7,93E-07	5,88E-02	7,74E-04	6,04E-04
Diesel consumption	2,42E-02	3,24E-09	1,62E-03	1,85E-04	1,19E-09	6,12E-08	5,98E-10	1,80E-04	6,46E-06	5,75E-05	6,21E-04	4,11E-02	4,64E-01	3,68E-03	2,98E-01	2,23E-07	2,41E-02	7,37E-05	4,55E-05
Organic fertilizers	2,19E-03	9,61E-11	5,64E-05	4,55E-06	1,28E-10	-2,73E-10	2,90E-11	1,56E-05	2,93E-07	1,01E-05	6,39E-05	4,22E-03	2,00E-01	1,23E-03	8,78E-03	3,31E-09	9,78E-04	6,71E-04	5,41E-04
Mineral fertilizers	3,38E-02	3,41E-09	1,73E-03	9,53E-05	2,02E-09	4,76E-09	6,21E-10	2,54E-04	1,22E-05	2,96E-05	4,90E-04	2,34E-02	5,91E-01	2,47E-02	4,82E-01	5,66E-07	3,38E-02	2,86E-05	1,74E-05
Transport	5,98E-03	1,49E-09	4,26E-04	1,76E-05	5,22E-10	1,13E-09	4,20E-11	1,90E-05	8,00E-08	3,97E-06	4,43E-05	2,08E-02	1,70E-01	7,38E-04	9,84E-02	1,10E-08	5,98E-03	1,66E-06	1,68E-06
1.4 - Pest and disease managen	2,02E-01	1,34E-08	9,69E-03	9,51E-04	9,09E-09	1,97E-07	2,30E-09	1,41E-03	4,05E-05	2,59E-04	2,78E-03	2,34E-01	1,49E+00	1,44E-02	7,29E+00	1,10E-06	1,93E-01	2,50E-04	1,53E-04
Diesel consumption	7,46E-02	9,97E-09	5,00E-03	5,69E-04	3,67E-09	1,88E-07	1,84E-09	5,56E-04	1,99E-05	1,77E-04	1,91E-03	1,26E-01	1,43E+00	1,13E-02	9,16E-01	6,88E-07	7,42E-02	2,27E-04	1,40E-04
Organic phytosanita	1,16E-01	3,08E-09	4,40E-03	3,75E-04	5,25E-09	8,66E-09	4,10E-10	8,30E-04	1,72E-05	7,78E-05	8,50E-04	1,06E-01	4,25E-02	1,50E-03	6,35E+00	4,03E-07	1,16E-01	1,91E-05	8,53E-06
Synthetic phytosanit	1,94E-03	3,38E-10	2,92E-04	7,37E-06	1,64E-10	2,52E-10	4,61E-11	2,50E-05	3,40E-06	4,08E-06	2,41E-05	2,07E-03	1,63E-02	1,59E-03	3,13E-02	1,21E-08	1,93E-03	4,41E-06	4,60E-06
Materials used for th	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
Water consumption	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00