PUBLIC DISCLOSURE STATEMENT

HITHER & YON WINES

PRODUCT

FY 2019-20

Australian Government

Climate Active
Public Disclosure Statement

An Australian Government Initiative

NAME OF CERTIFIED ENTITY: Hither & Yon Wine Brand

REPORTING PERIOD: 1 July 2019– 30 June 2020

Declaration

To the best of my knowledge, the information provided in this Public Disclosure Statement is true and correct and meets the requirements of the Climate Active Carbon Neutral Standard.

Signature:  Date: 13/20/2020

Name of Signatory: Malcolm Leask

Position of Signatory: Director

Australian Government
Department of Industry, Science, Energy and Resources

1. CARBON NEUTRAL INFORMATION

Description of certification

The carbon neutral certification covers the Hither & Yon wine brand. All wine products sold through the Hither & Yon Cellar Door in Willunga, South Australia under this brand name are covered by this carbon neutral product certification.

The wine making process is as follows:

- Wine grapes are purchased from family owned vineyards
- Wine is produced by a contract wine maker
- Wine is bottled and packed by a contract bottling plant
- Wine is stored in an external warehouse
- Wine is sold through the Hither & Yon Cellar door and sent by road or courier to customers around Australia and overseas.

Hither & Yon's customers include visitors to the cellar door, private sales (via direct shipping) and retail (wholesalers and bottle shops).

The certification excludes emissions associated with the consumption of the wine such as transport from the retailer to the consumer and refrigeration before consumption.

Emissions associated with recycling and waste from bottles and cardboard packaging is included in the certification.

The functional unit is a single 750 ml bottle of wine produced within the reporting period by Hither and Yon available to customers.

Organisation description

The Leak family have grouped a selection of vineyards across the McLaren Vale wine growing region in South Australia into their own family estate. What started as a "bottle project" in 2011 has now endured and sprouted into a much-loved wine brand, Hither & Yon.

As well as vine tending and sustainable practices, we focus on the whole biodiversity and eco-system of our properties. This includes natural habitat restoration, extensive native species planting, creating healthy corridors for the birds & bees.

We regard ourselves as alternative futurists – not subscribing to a particular certification model but believing in regenerative agriculture. The two key elements here are particularly increasing microbial and microflora soil diversity and storing and building carbon.

In essence, we are planting trees we may never see, but leaving a legacy for the next generation of the

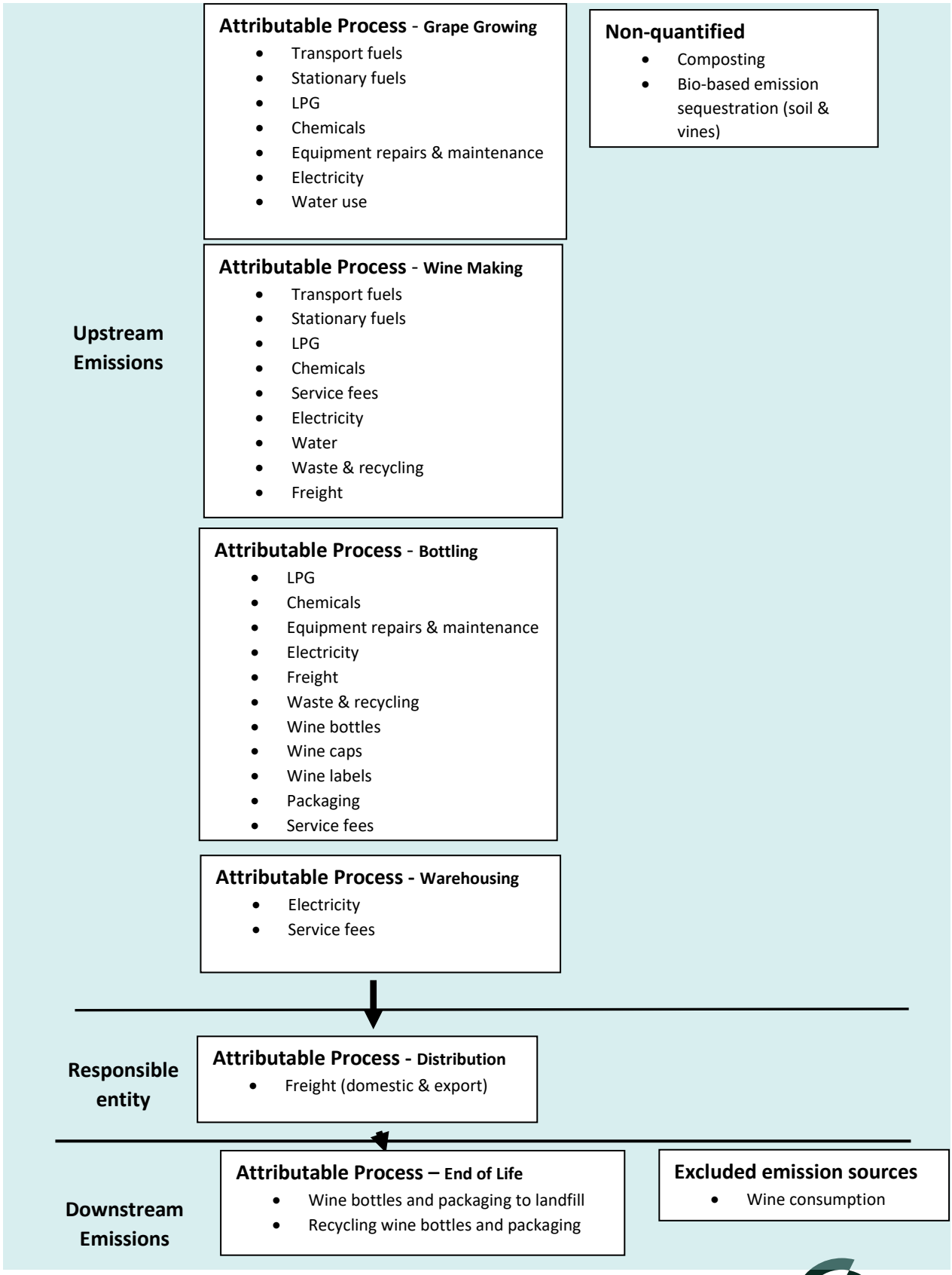
Leask Clan. And our wines? Well they are a labour of love, delicious and made with integrity.

The carbon neutral certification complements our commitment to sustainable wine production and will assist in opening up new markets for Hither & Yon wines.

Hither & Yon branded wines are sold through the cellar door in Willunga, South Australia and distributed to customers around Australia and overseas.

Product/service process diagram

The following diagram is cradle to customer description of the wine production process (from grape growing to sale to customers). Consumption of wine is outside of the control of the responsible entity (Hither & Yon Cellar Door).



2. EMISSION BOUNDARY

Diagram of the certification boundary

Within the emissions boundary

Outside the emissions boundary

Quantified

Transport fuels

Stationary fuels

LPG

Chemicals

Packaging materials

Electricity

Water use (electricity pumping bore water)

Freight

Waste & recycling

Equipment repairs & maintenance

Wine bottles

Wine caps

Service fees

Wine labels

Non-quantified

Composting

Bio-based emission sequestration (soil & vines)

Non-Attributable

Wine transport (customers to home)

Wine storage (customers)

Wine consumption

Attributable non-quantified sources

Composting of green waste from winery operations has not been quantified (data unavailable). The composting is part of a program of plantings to increase soil carbon through bio-based sequestration. Additional bio-based sequestration comes from carbon sequestrated in vines and other plantings. The impact of this program will be to offset emissions from composting, however actual data is unavailable. Composting will also increase the sequestration of carbon in the soil. An uplift factor of zero has therefore been applied.

Data management plan

Hither & Yon are working with consultants to measure the sequestration of carbon in soils through plantings and composting. It is expected that data will be available on the emissions reduction from this program within 5 years.

Excluded sources (within certification boundary)

No emission sources were excluded

Non attributable sources (outside certification boundary)

Emissions relating to the transport and consumption of wine after purchase by consumers are outside the emission boundary

3. EMISSIONS SUMMARY

Emissions reduction strategy

We are taking a long-term approach to reducing our product emissions. In the grape growing process, we are taking steps to increase the water holding capacity of soils through planting mixed species crops between the vineyards. This will reduce the amount of water used in irrigation and have knock-on effects on diesel and electricity used in pumping water. The benefits of this work is expected to be realized within the next 5 years

We are in discussion with our supplier of wine bottles to move to a lighter bottle with a lower glass content. This will reduce the embodied emissions in the wine bottles. We are also looking to replace wine packaging with packaging made from recycled materials. It is expected that these changes will be implemented in the next 2 years.

Functional unit (single 750 ml bottle of wine)

Table 1

	Number of functional units
a) Number of functional units sold this period	Confidential

Emissions summary (inventory)

Table 2

Emission source category	**tonnes CO_2-e**
Bespoke (Contract wine making & bottling services)	63.98
Cleaning and Chemicals	3.93
Electricity	21.19
Land and Sea Transport (fuel)	3.33
Machinery and vehicles	0.78
Office equipment & supplies	0.28
Postage, courier and freight	18.51
Products	62.70
Stationary Energy	2.20
Waste	26.40
Water	0.94
1. *Total inventory emissions*	204.25
2. *Emissions per functional unit (based on the number of functional units represented by the inventory)*	–
3. *Carbon footprint*	204.25

Uplift factors

Table 3

Reason for uplift factor	**tonnes CO_2-e**
Emissions from composting offset by bio-sequestration	0
Total uplift factors	0

Total to offset *(Carbon footprint + total uplift factors)*	204.25

4. CARBON OFFSETS

Offset purchasing strategy: in arrears

This is the base year and offsets for this year (2019 – 2020) and for future reporting periods will be purchased and retired in arrears.

Offsets summary

Table 4

1. Total offsets required for this report	205
2. Offsets retired in previous reports and used in this report	0
3. Net offsets required for this report	205

Project description	Eligible offset units type	Registry unit retired in	Date retired	Serial number (including hyperlink to registry transaction record)	Vintage	Quantity (tonnes CO2-e)	Quantity used for previous report	Quantity banked for future years	Quantity used this report
Wind Power Project at Anthiyur, Tamil Nadu, India	VCUs	Verra	13 Dec 2020	6875-353378094-353378269-VCU-050-APX-IN-1-682-01012018-31082018-0 https://registry.verra.org/myModule/rpt/myrpt.asp?r=206&h=122062	2018	130	0	0	130
300MW Hydro power project by JHPL, India	VCUs	Verra		7919-441000693-441000792-VCU-001-MER-IN-1-92-01012013-30062013-0 https://registry.verra.org/myModule/rpt/myrpt.asp?r=206&h=122692	2013	75	0	0	75
							Total offsets retired this report and used in this report		205
							Total offsets retired this report and banked for future reports		0

Co-benefits

We practice regenerative agriculture in our family owned vineyards. We do not use herbicides and harmful chemicals and use composted green waste to fertilise the vineyards. We have a biodiversity management plan to clear invasive vegetation and plant shrubs and trees that encourage beneficial insect

Hither & Yon have purchased an additional 25 biodiversity offsets through Greenfleet. These offsets support local Australian native reforestation projects with strong environmental outcomes. The investment that Hither & Yon has made in these offsets contributes directly to future carbon sequestration. Additional benefits of the Greenfleet projects include reducing salinity and soil erosion, restoring habitat for local wildlife and ensuring a greener future for our next generation.

5. USE OF TRADE MARK

Table 5

Description where trademark used	Logo type
Website (https://hitherandyon.com.au/)	Certified product
Wine bottles and marketing materials	Certified product

APPENDIX 1

Non-attributable emissions for products and services

To be deemed attributable an emission must meet two of the five relevance criteria. Non-attributable emissions are detailed below against each of the five criteria.

Table 6

Relevance test					
Non-attributable emission	*The emissions from a particular source are likely to be large relative to the organisation's electricity, stationary energy and fuel emissions*	*The emissions from a particular source contribute to the organisation's greenhouse gas risk exposure.*	*Key stakeholders deem the emissions from a particular source are relevant.*	*The responsible entity has the potential to influence the reduction of emissions from a particular source.*	*The emissions are from outsourced activities previously undertaken within the organisation's boundary, or from outsourced activities typically undertaken within the boundary for comparable organisations.*
Customer transport	No	No	No	No	No
Customer storage	No	No	No	Yes	No
Consumption of wine	No	No	No	No	No

APPENDIX 2

Non-quantified emissions for products/services

Table 7

Non-quantification test				
Relevant-non-quantified emission sources	*Immaterial <1% for individual items and no more than 5% collectively*	*Quantification is not cost effective relative to the size of the emission but uplift applied.*	*Data unavailable but uplift applied. A data management plan must be put in place to provide data within 5 years.*	*Initial emissions non-quantified but repairs and replacements quantified*
Composting	No	Yes	Yes	No
Bio-based emission sequestration (soil & vines)	No	Yes	Yes	No