



PUBLIC DISCLOSURE STATEMENT

KINGLAKE DISTILLERY PTY LTD

**ORGANISATION CERTIFICATION
FY 2020-21**

Australian Government
Climate Active
Public Disclosure Statement



An Australian Government Initiative



NAME OF CERTIFIED ENTITY: Kinglake Distillery Pty Ltd

REPORTING PERIOD: Financial year 1 July 2020 – 30 June 2021

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

Name of Signatory

Sam Lowe

Position of Signatory

Director

Date

31/3/22



Australian Government
Department of Industry, Science,
Energy and Resources

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Version number February 2021



1. CARBON NEUTRAL INFORMATION

Description of certification

This inventory has been prepared for the financial year from 1 July 2018 to 30 June 2021 and covers the Australian business operations of Kinglake Distillery Pty Ltd, ABN 94 617 507 365.

This certification covers three years, FY2019 – FY2021, due to the time it takes to make whiskey. Future certifications will only assess the whiskey process on a yearly basis.

The operational boundary has been defined based on an operational control test, in accordance with the principles of the National Greenhouse and Energy Reporting Act 2007. This includes the following location:

- 410 Ogrady Road, Kinglake Central VIC 3757

This certification only covers the Australian business operations of Kinglake Distillery. Whiskey products sold to customers by Kinglake Distillery is also covered in this Product Public Disclosure Statement, and in the product PDS found [here](#).

The methods used for collating data, performing calculations and presenting the carbon account are in accordance with the following standards:

- Climate Active Standards
- The Greenhouse Gas Protocol: A Corporate Accounting and Reporting Standard (Revised Edition)
- National Greenhouse and Energy Reporting (Measurement) Determination 2008

Where possible, the calculation methodologies and emission factors used in this inventory are derived from the National Greenhouse Accounts (NGA) Factors in accordance with "Method 1" from the National Greenhouse and Energy Reporting (Measurement) Determination 2008.

The greenhouse gases considered within the inventory are those that are commonly reported under the Kyoto Protocol; carbon dioxide (CO₂), methane (CH₄), nitrous oxide (N₂O) and synthetic gases - hydrofluorocarbons (HFCs), perfluorocarbons (PFCs) sulphur hexafluoride (SF₆) and nitrogen trifluoride (NF₃). These have been expressed as carbon dioxide equivalents (CO₂-e) using relative global warming potentials (GWPs).

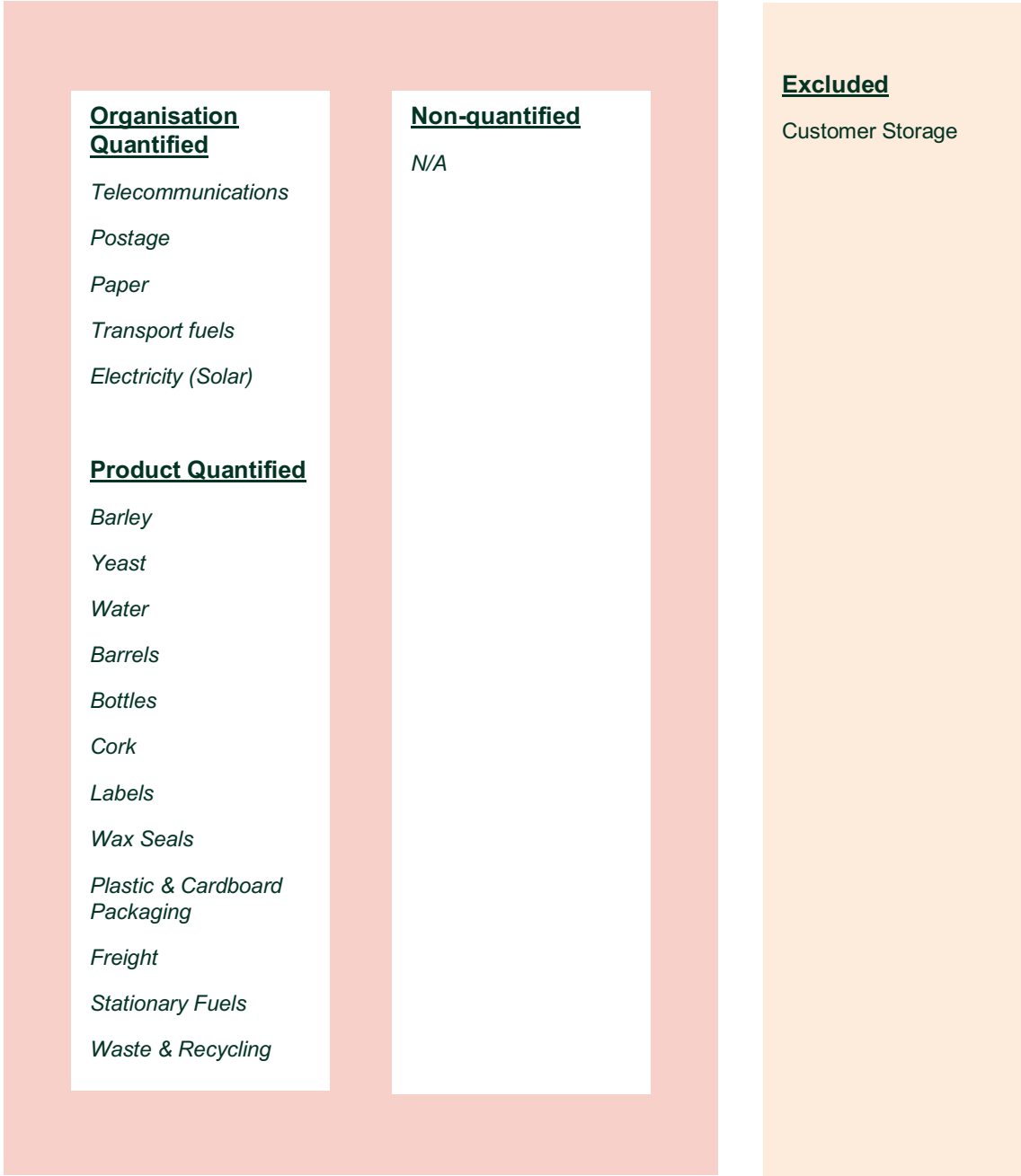
Organisation description

Kinglake Distillery is a small family-owned producer of handmade Australian Single Malt.

“Kinglake Distillery believes it is the responsibility of every company to do as much as they can to limit the effects of climate change.”

2. EMISSION BOUNDARY

Diagram of the certification boundary



Non-quantified sources

N/A

Data management plan

N/A

Excluded sources (outside of certification boundary)

Customer storage has been excluded as it falls outside of Kinglake Distillery's boundary and as per the relevance test (Appendix 1).

"Producing alcohol is very energy intensive and therefore reducing consumption is particularly challenging. Nevertheless, we aim to continually improve our processes and offset our remaining footprint."

3. EMISSIONS SUMMARY

Emissions reduction strategy

We intend to use this detailed energy audit to target areas to tackle to reduce our carbon footprint. We're committed to reducing the carbon output per bottle every year. We will work on developing and implementing an emission reduction strategy over the next two years.

Emissions summary (inventory)

All emissions are shared with the product certification. The relevant PDS can be found [here](#).

Table 1

Emission source category	tonnes CO ₂ -e
Electricity	0
ICT services and equipment	0.32
Land and Sea Transport (fuel)	2.16
Office equipment & supplies	0.01
Postage, courier and freight	11.93
Stationary Energy	42.79
Waste	0.08
Whiskey Product	18.33
<i>Total Net Emissions</i>	75.62

Uplift factors

Table 2

Reason for uplift factor	tonnes CO ₂ -e
N/A	
<i>Total footprint to offset (uplift factors + net emissions)</i>	75.62

Carbon neutral products

This assessment and Climate Active submission was prepared with the assistance of [Pangolin Associates](#) and these services are also carbon neutral.

Electricity summary

Electricity was calculated using a location-based approach.

Market-based approach summary

Table 3

Market-based approach	Activity Data (kWh)	Emissions (kgCO ₂ -e)	Renewable %
Behind the meter consumption of electricity generated	1,503	0	100%
Total non-grid electricity	1,503	0	100%
LGC Purchased and retired (kWh) (including PPAs & Precinct LGCs)	0	0	0%
GreenPower	0	0	0%
Jurisdictional renewables (LGCs retired)	0	0	0%
Jurisdictional renewables (LRET) (applied to ACT grid electricity)	0	0	0%
Large Scale Renewable Energy Target (applied to grid electricity only)	0	0	0%
Residual Electricity	0	0	0%
Total grid electricity	0	0	0%
Total Electricity Consumed (grid + non grid)	1,503	0	100%
Electricity renewables	1,503	0	
Residual Electricity	0	0	
Exported on-site generated electricity	0	0	
Emission Footprint (kgCO ₂ e)		0	

Total renewables (grid and non-grid)	100.00%
Mandatory	0.00%
Voluntary	0.00%
Behind the meter	100.00%
Residual Electricity Emission Footprint (tCO₂e)	0

Figures may not sum due to rounding. Renewable percentage can be above 100%

Location-based approach summary

Table 4

Location-based approach	Activity Data (kWh)	Emissions (kgCO ₂ -e)
VIC	0	0
Grid electricity (scope 2 and 3)	0	0
VIC	1,503	0
Non-grid electricity (Behind the meter)	1,503	0
Total Electricity Consumed	1,503	0

Emission Footprint (tCO₂-e)	0
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4. CARBON OFFSETS

Offsets strategy

Table 5

Offset purchasing strategy:	
In arrears	
1. Total offsets previously forward purchased and banked for this report	0
2. Total emissions liability to offset for this report	76
3. Net offset balance for this reporting period	76
4. Total offsets to be forward purchased to offset the next reporting period	0
5. Total offsets required for this report	76

The details of offsets relating to this certification also cover the Kinglake Distillery's Product certification. The relevant PDS can be found [here](#).

Co-benefits

Rimba Raya Biodiversity Reserve Project

Rimba Raya is situated in Central Kalimantan in Indonesian Borneo. Covering land approximately the same size as Singapore, it is known as one of the largest Orangutan sanctuaries in the world. Offering a viable alternative to deforestation, a practice very common in the area, the project has a wealth of benefits to the biodiversity of the region and the surrounding communities. Rimba Raya is home to over 300 species of birds, 122 species of mammals and 180 species of trees and plants. The project has strong community-based initiatives including increased employment for communities, greater access to medical and health services, and assistance with education.

Offsets summary

Proof of cancellation of offset units

Table 6

Offsets cancelled for Climate Active Carbon Neutral Certification										
Project description	Type of offset units	Registry	Date retired	Serial number (and hyperlink to registry transaction record)	Vintage	Eligible Quantity (tCO ₂ -e)	Quantity used for previous reporting periods	Quantity banked for future reporting periods	Quantity used for this reporting period claim	Percentage of total (%)
Rimba Raya Biodiversity Reserve Project	VCUs	Verra	17 Feb 2022	6979-362134905-362134980-VCU-016-MER-ID-14-674-01012014-30062014-1	2014	76	0	0	76	100%
Total offsets retired this report and used in this report									76	
Total offsets retired this report and banked for future reports									0	

Type of offset units	Quantity (used for this reporting period claim)	Percentage of Total
Verified Carbon Units (VCUs)	76	100%

5. USE OF TRADE MARK

Table 7

Description where trademark used	Logo type
Sustainability report	Certified organisation
Website	Certified organisation
Email Signatures	Certified organisation

6. ADDITIONAL INFORMATION

N/A

APPENDIX 1

Excluded emissions

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

Table 8

Relevance test					
Excluded emission sources	<i>The emissions from a particular source are likely to be large relative to the organisation's electricity, stationary energy and fuel emissions</i>	<i>The emissions from a particular source contribute to the organisation's greenhouse gas risk exposure.</i>	<i>Key stakeholders deem the emissions from a particular source are relevant.</i>	<i>The responsible entity has the potential to influence the reduction of emissions from a particular source.</i>	<i>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.</i>
Customer storage	No	No	No	No	No

APPENDIX 2

Non-quantified emissions for organisations

Table 9

Non-quantification test				
Relevant-non-quantified emission sources	<i>Immaterial <1% for individual items and no more than 5% collectively</i>	<i>Quantification is not cost effective relative to the size of the emission but uplift applied.</i>	<i>Data unavailable but uplift applied. A data management plan must be put in place to provide data within 5 years.</i>	<i>Initial emissions non-quantified but repairs and replacements quantified</i>
N/A				



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