PUBLIC DISCLOSURE STATEMENT

GEELONGPORT PTY LTD

ORGANISATION CERTIFICATION
FY2020-21

Australian Government

Climate Active Public Disclosure Statement

An Australian Government Initiative

NAME OF CERTIFIED ENTITY: GeelongPort Pty Ltd

REPORTING PERIOD: 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

DocuSigned by:

Brett Winter

B9B29E5F8596430...

Date 15 October 2021

Name of Signatory

Brett Winter

Position of Signatory

Chief Executive Officer

Australian Government

Department of Industry, Science, Energy and Resources

Version number February 2021

1. CARBON NEUTRAL INFORMATION

Description of certification

The Climate Active Carbon Neutral certification covers the Australian Business Operations of GeelongPort Pty Ltd (GeelongPort), ABN 50 003 996 594. The operational boundary of the carbon account has been defined based on the operational control approach.

This Public Disclosure Statement represents the reporting period 1 July 2020 to 30 June 2021 ('FY2020-21), which is the Base Year.

The carbon account has been prepared in accordance with the Climate Active Carbon Neutral Standard for Organisations. This entails using recognised emission factors and methods for carbon accounting published in Australia, such as the National Greenhouse Accounts (NGA) Factors, and the work of the international corporate accounting and reporting standard The Greenhouse Gas Protocol.

The greenhouse gasses included in the carbon account are the seven gasses reported under the Kyoto Protocol: carbon dioxide (CO2), methane (CH4), nitrous oxide (N2O), hydrofluorocarbons (HFCs), perfluorocarbons (PFCs), sulphur hexafluoride (SF6) and nitrogen trifluoride (NF3). These gasses are expressed in carbon dioxide equivalents (CO2-e), providing the ability to present greenhouse gas emissions as one unit.

"GeelongPort has the environmental vision to be Australia's most environmentally sustainable bulk port and carbon neutral certification is an important step in achieving this vision."

Organisation description

GeelongPort is Victoria's second-largest port, with trade connections across Australia and the world that support the agriculture, construction, energy and tourism sectors.

As Victoria's premier bulk port and a major driver of Victoria's economy, GeelongPort handles more than 11 million tonnes of cargo and 600 vessel visits per year.

Operating over 90 hectares of land and comprising of 15 berths over two primary precincts, Corio Quay and Lascelles, GeelongPort provides land, infrastructure and services to facilitate trade for some of Victoria's largest businesses.

GeelongPort is striving to become the most environmentally sustainable bulk port in Australia and is committed to undertaking its activities with care and respect for the environment.

2. EMISSION BOUNDARY

Diagram of the certification boundary

GeelongPort Offices, Corio Quay Road, North Geelong

Quantified

Accommodation and facilities

Air Transport

Cleaning and Chemicals

Construction Materials and Services

Electricity

Stationary Energy (Diesel, ULP, LPG and Oils and Greases)

Food

ICT Services and Equipment

Land and Sea Transport

Machinery and Vehicles

Office Equipment and Supplies

Postage, courier, and freight

Professional Services

Refrigerants

Non-quantified

Excluded

Anchorage

Manoeuvring

Transiting

Truck Transportation Cargo Distribution

Oyster Cove

Bulk Grain Pier Berths 1 and 2

Non-quantified sources

GeelongPort have quantified all emission sources reportable under the Climate Active Organisation standard.

Data management plan

Not applicable.

Excluded sources (outside of certification boundary)

The following emission sources have been excluded as they have been assessed as not relevant according to the relevance test:

- Truck Cargo Distribution – Truck transportation of dispatched cargo is managed by cargo owners and stevedores. There is no linkage to the trucks transporting cargo with GeelongPort operations.
- Anchorage, Maneuvering and Transiting operations – These operations are managed by Ports Victoria for all vessels in Corio Bay.
- Oyster Cove – Oyster Cove is a non-operational landfill site owned by GeelongPort. The landfill was filled and closed in 1974.
- Bulk Grain Pier Berths 1 and 2 – This wharf is owned but not operated by GeelongPort. It is leased by a third party. GeelongPort's activity does not have a direct or indirect influence on the activities conducted by the third party.

"GeelongPort recognises that our business has a significant profile in the Geelong region, and we have a responsibility to provide strong environmental leadership. Climate Active Certification is a major step in demonstrating this environmental leadership."

3. EMISSIONS SUMMARY

Emissions reduction strategy

The Environmental Vision of GeelongPort is to become Australia's most environmentally sustainable bulk port. GeelongPort is committed to conducting business activities in a way that protects the environment, prevents pollution, minimizes adverse environmental impacts, and delivers continual improvement in environmental performance.

GeelongPort operates within an Environmental Management System (EMS) certified to ISO14001:2015 and EcoPorts SLC Port Environmental Review System (PERS) Version 5.

In 2019 GeelongPort released an Environmental Strategy which presents a forward vision and commitment to the sustainable environmental management of port facilities and provides a framework to support our corporate Sustainability Values. GeelongPort believes in achieving positive, long-term environmental outcomes for their business and the region. The Environmental Strategy communicates the organisations environmental intentions to employees, stakeholders, neighboring industries, government and most importantly our community.

GeelongPort's environmental outcomes and focus areas are mapped to the UN Sustainable Development Goals and include:

- Minimise resource use
- Minimise waste and emissions
- Nurturing port land
- Supporting an appealing and healthy Corio Bay

To support these focus areas, GeelongPort is committed to implementing the following long term emissions reduction objectives:

- All energy drawn from renewable sources
- All carbon emissions offset
- Minimise use of materials so that waste generation is avoided wherever possible, and no waste is directed to landfill
- No potable water used for non-potable purposes

GeelongPort has already implemented the following actions:

- Purchase of GreenPower Electricity
- Conducted an Energy, Water and Carbon Audit of the facility
- Implemented a Science Based Targets initiative commitment to reduce scope 1 and 2 emissions by 50% by 2030 and measure and reduce scope 3 emissions.
- Installation of seven data loggers on major water meters at GeelongPort facilities
- Replaced virgin office paper with 100% recycled paper.

Work currently underway includes:

- Sourcing 100% of electricity needs from renewable sources
- Planning for lighting efficiency upgrades across Lascelles Wharf and Corio Quay Precincts
- Planning for installation of a Power Factor Correction unit at Lascelles Wharf.

Emissions summary (inventory)

Table 2

Emission source category	tonnes CO_2-e
Accommodation and facilities	0
Air Transport	0
Cleaning and Chemicals	93.465
Construction Materials and Services	317.040
Electricity	1,792.444
Food	6.571
ICT Services and Equipment	145.726
Land and Sea Transport	272.316
Machinery and Vehicles	2,263.939
Office Equipment and Supplies	4.860
Postage, courier, and freight	149.379
Professional Services	416.416
Refrigerants	5.060
Stationary Energy	266.368
Working from home	-0.679
Waste	217.153
Water	79.160
Bespoke – Ships at Berth (RightShip)	56352
Total Net Emissions	62,382

Uplift factors

Table 3

Reason for uplift factor	tonnes CO_2-e
Not applicable	0
Total footprint to offset (uplift factors + net emissions)	62,382

Carbon neutral products

GeelongPort purchased GreenPower at a total rate of 5% for FY21.

Electricity summary

Electricity was calculated using a market- based approach.

Market-based approach summary

Market-based approach	Activity Data (kWh)	Emissions (kgCO2e)	Renewable %
Behind the meter consumption of electricity generated	0	0	0%
Total non-grid electricity	**0**	**0**	**0%**
LGC Purchased and retired (kWh) (including PPAs)	0	0	0%
GreenPower	117,533	0	5%
Jurisdictional renewables	0	0	0%
Residual Electricity	1,670,372	1,792,444	0%
Large Scale Renewable Energy Target (applied to grid electricity only)	417,343	0	19%
Total grid electricity	**2,205,249**	**1,792,444**	**24%**
Total Electricity Consumed (grid + non grid)	**2,205,249**	**1,792,444**	**24%**
Electricity renewables	534,877	0	
Residual Electricity	1,670,372	1,792,444	
Exported on-site generated electricity	**0**	**0**	
Emission Footprint (kgCO2e)		1,792,444	

Emission Footprint (TCO2e)	**1,792**
LRET renewables	**18.93%**
Voluntary Renewable Electricity	**5.33%**
Total renewables	**24.25%**

Location-based approach summary

Location-based approach	Activity Data (kWh)	Emissions (kgCO2e)
ACT	0	0
NSW	0	0
SA	0	0
Vic	2,205,249	2,403,721
Qld	0	0
NT	0	0
WA	0	0
Tas	0	0
Grid electricity (scope 2 and 3)	**2,205,249**	**2,403,721**
ACT	0	0
NSW	0	0
SA	0	0
Vic	0	0
Qld	0	0
NT	0	0
WA	0	0
Tas	0	0
Non-grid electricity (Behind the meter)	**0**	**0**
Total Electricity Consumed	**2,205,249**	**2,403,721**

Emission Footprint (TCO2e)	**2,404**

4. CARBON OFFSETS

Offsets strategy

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	*62,382*
3. Net offset balance for this reporting period	*62,382*
4. Total offsets to be forward purchased to offset the next reporting period	*0*
5. Total offsets required for this report	*62,382*

Co-benefits

GeelongPort are extremely passionate about sustainability and have chosen projects that align with their corporate values. Our Australian based offsets are projects based in regional areas of Queensland and support improvements in native vegetation, ecosystem health and protects endangered species. Our international based offsets are community-based offsets that support low-income households reduce their energy consumption and save money.

Colodan Human-Induced Regeneration Project

Located in Monto Central Queensland and within the fertile land of the Burney Mary Catchment area, Colodan is a family run cattle grazing operation which in the past has been subjected to regular chemical and mechanical clearing to improve production capacity and pasture quality. The Hendersons who operate the farm, together with GreenCollar, have designed a Human-Induced Regeneration project that not only compliments their grazing activities, but has also improved water and reduced run off, increased land productivity and improved outcomes with healthier, happier cows. Key additional benefits include:

- Sequesters carbon to mitigate Climate Change
- Delivers valuable ecosystem services to the area
- Improves water quality for the Great Barrier Reef

Goondicum Station Human-Induced Regeneration Project

Located in Monto Central Queensland and at the Southern end of the Great Barrier Reef, Goondicum Station lies at the head of the Burnett River. It sits within one of Australia's most unique sub-tropical ecosystems and is home to a large range of flora and fauna species that thrive on its unique geology, rich soils and generous rainfall. Running both a Human-Induced Regeneration and Avoided Clearing project under the Land Restoration Fund, owners Nadia and Robert Campbell are reinventing their property in a region which is known as one of the most cleared areas in Australia. As a result of their work, the condition for habitat for endangered species and ecosystems will be improved and the provision of food and shelter for a number of endangered species will be maintained. Additional benefits include:

- Protecting and regenerating native vegetation
- Improving water quality at the Great Barrier Reef
- Supports investment in local community

Indian Lighting CFL Community Projects

Incandescent globes which are still widely used in India, consume more energy which increases the demand for the local power stations. This project not only benefits the environment by replacing energy intensive globes and reducing emissions, but it also benefits low-income families by saving them money.

So far, the project has distributed around 22 million light globes (a minimum of 6,000 hours) to low-income households across the several regions including Andhra Pradesh, in and around Hyderabad, across Punjab and in Delhi State. In these low-income households where lighting is the main electricity spend, households are saving around 10% on bills after the introduction of energy efficient light globes. Key benefits include:

- 10% savings on electricity bill per month equivalent to a week's groceries
- Creation of jobs during implementation phase
- More hours of electricity, more affordable and allows kids to do homework longer

Offsets summary

Proof of cancellation of offset units

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 (TCO2-e)	Quantity used for previous reporting periods	Quantity banked for future reporting periods	Quantity used for this reporting period claim	Percentage of total (%)
Colodan as part of the Great Barrier Reef Initiative	ACCUs	ANREU	10 September 2021	8,332,204,672 – 8332,206,463	2021-22	1,792	0	0	1,792	2.87%
Goondicum as part of the Great Barrier Reef initiative	ACCUs	ANREU	10 September 2021	8,330,303,421 – 8330,303,827	2021-22	407	0	0	407	0.65%
India CFL lighting project	CER	ANREU	23 September 2021	237,117,379 – 237,129,897 (12,519 CER) 239,030,200 – 239,141,430 (111,231 CER)	2013-14 2015	123,750	0	63,567	60,183	96.48%
								Total offsets retired this report and used in this report	*62,382*	
								Total offsets retired this report and banked for future reports	*63,567*	

Type of offset units	Quantity (used for this reporting period claim)	Percentage of Total
Australian Carbon Credit Units (ACCUs)	2,199	3.524%
Certified Emissions Reductions (CERs)	60,197	96.476%

5. USE OF TRADE MARK

Table 8

Description where trademark used	Logo type
Website	Climate Active Certified Organisation
Brochures	Climate Active Certified Organisation
Environmental and Sustainability Reports	Climate Active Certified Organisation
Email Addresses	Climate Active Certified Organisation
Social Media Posts – LinkedIn, Facebook, Instagram etc	Climate Active Certified Organisation
PowerPoint presentations	Climate Active Certified Organisation

6. ADDITIONAL INFORMATION

Ships at Berth Emissions

GeelongPort engaged RightShip to calculate bespoke emissions for Ships at Berth. RightShip utilise the Maritime Emissions Portal (MEP), an online tool that provides ports with visibility and improved knowledge of air emissions associated with shipping activities in port.

The methodology to calculate shipping emissions includes:

- Industry specific methods – USEPA, California Air Resources Board, ENTEC And IMO guidance documents
- Port Mapping – the port boundary is 'geo-fenced' to define the project boundary. GeelongPort have included Ships at Berth / Alongside emissions and includes vessels stopped at berth and the propulsion engines are turned off, with only auxiliary engines running
- Vessel tracking – Automatic Identification System (AIS) is an automated, autonomous tracking system, is sourced from Marine Traffic with the vessel entry and exit from the port boundaries.
- Ship Types – includes Ocean going vessels, offshore support vessels, Ro-Ro/passenger ships, offshore construction vessels, tugboats
- Vessel Characteristics – includes vessel types, engine model, auxiliary power, vessel size, fuel consumption

Business Travel FY21

Due to Covid restrictions, GeelongPort did not conduct any business travel activities (business flights and accommodation) during the 2020-2021 financial year. Therefore, zero emissions associated with these activities are included in the emissions inventory.

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 9

Relevance test					
Excluded emission sources	*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.*
Anchorage	No	No	No	No	No
Manoeuvring / Tugboat	Yes	No	No	No	No
Transiting Emissions	Yes	No	No	No	No
Truck Transport	No	No	No	No	No
Oyster Cover	No	No	No	No	No
Bulk Grain Pier Berths 1 and 2	No	No	No	No	No

APPENDIX 2

Non-quantified emissions for organisations

Not applicable.

An Australian Government Initiative

Climate Active