

Australian Government
Carbon Neutral Program
Public Disclosure Summary



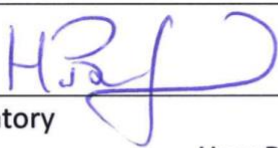
An Australian Government Initiative

NAME OF CERTIFIED ENTITY: Transdev Sydney Ferries Pty Ltd

REPORTING PERIOD: FY 2017/18

Declaration

To the best of my knowledge, the information provided in this Public Disclosure Summary is true and correct and meets the requirements of the National Carbon Offset Standard Carbon Neutral Program.

Signature 	Date 5 July 2019
Name of Signatory Huw Bridges	
Position of Signatory General Manager – Safety & Assurance	

Carbon neutral certification category	Organisation and service
Date of most recent external verification/audit	
Auditor	
Auditor assurance statement link	



Australian Government
Department of the Environment and Energy

Public Disclosure Summary documents are prepared by the submitting organisation. The material in Public Disclosure Summary documents represents the views of the organisation and do not necessarily reflect the views of the Commonwealth. The Commonwealth does not guarantee the accuracy of the contents of the Public Disclosure Summary documents and disclaims liability for any loss arising from the use of the document for any purpose.

1. Carbon neutral information

Transdev Sydney Ferries

Transdev Sydney Ferries (TDSF) is a Transdev Australasia Company. TDSF operates approximately 175,000 services, transporting more than 15 million people across Sydney Harbour and the Parramatta River each year. The extensive network connects 39 destinations and spans approximately 37 kilometres from Parramatta in Sydney's west, Manly in the north and Watsons Bay in the east. TDSF's mission is to create a world class ferry service in Sydney by taking the customer service experience to the next level. TDSF maintains a strong focus on its health, safety and environmental responsibilities whilst aiding Transport NSW in providing an integrated transport network.

This certification includes all Transdev Sydney Ferries operations, including the operation of our fleet of vessels, an administration centre in the CBD, the ship yard located at Balmain and the utilities at those wharfs where we have a permanent presence (Circular Quay, Manly & Barangaroo). This certification is limited to only the operations in the Sydney Australia region and does not include affiliate or parent companies to Transdev Sydney Ferries.

1B. Emission sources within certification boundary

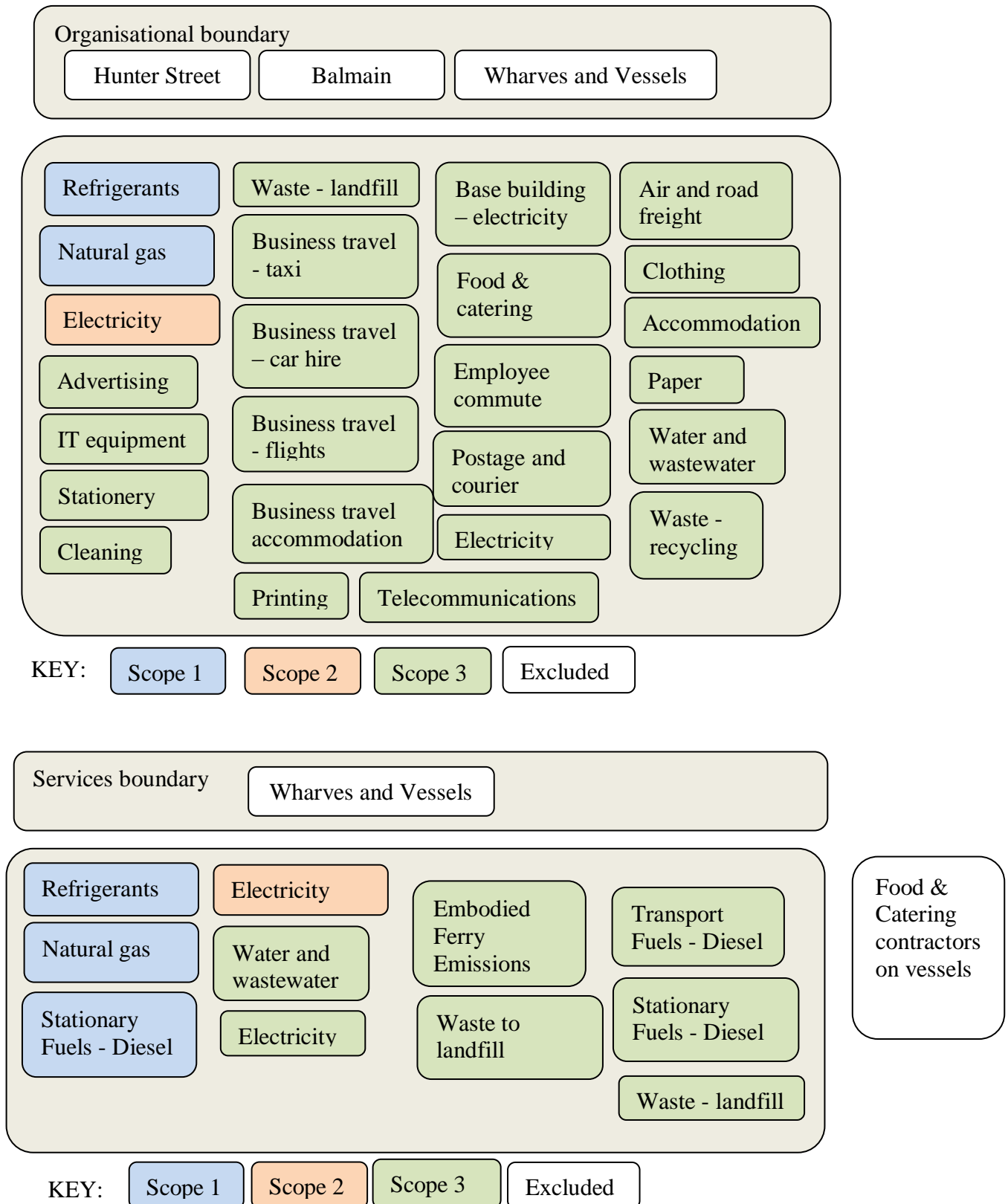
Quantified sources

- Electricity
- Electricity base building
- Natural Gas
- Telecommunications
- Water
- Sewage
- IT Equipment
- Paper
- Stationery
- Clothing
- Embodied ferry emissions
- Employee Commuting
- Business Flights
- Diesel
- Cylindrical Gas
- Food and Catering
- Postage
- Printing
- Accommodation
- Advertising
- Taxis
- Air Freight
- Road Freight
- Refrigerants
- Waste -Landfill
- Waste – Recycling

Excluded sources

Meal services on board TDSF operated vessels (scope 3): Carbon emissions related to the provision of meals, drinks and snacks on board TDSF by contracted third parties is outside of the operational control boundary as there is no jurisdiction to enforce policies and procedures related to health, safety and the environment.

1C. Diagram of the certification boundary (Organisational and Services)



2. Emissions reduction measures

2A. Emissions reduction strategy

TDSF recognises that its operations have the potential to have multiple environmental impacts, including energy usage and storage, waste generation as well as risks to the operating environment. In reviewing its operations, TDSF has identified its GHG emissions across Scope 1, Scope 2 and Scope 3, as well as the waste we generate.

TDSF has identified that the greatest opportunity for environmental performance improvement is through the reduction in Scope 1 (fuel use in our vessels), thus reducing the amount of CO₂ (and other pollutants) produced.

2B. Emissions reduction actions

This reduction will be delivered through a number of options including:

- Installing fuel monitoring equipment on all our vessels
- Introducing a programme of Eco Driving to reduce consumption
- Optimise the frequency of hull cleans to minimise drag and hence consumption
- Invest in new vessels with cleaner & more efficient engines
- Optimise vessel usage against demand

For other areas of the business we will:

- Research ways to reduce our Scope 2 related emissions from our use of electricity (including moving head office to a smaller, more energy efficient location)

Manage all of our waste streams to maximise recycling and minimise the percentage sent to landfill, thus reducing our Scope 3 emissions.

3. Emissions summary

Table 1. Emissions Summary			
Scope	Emission source	Certification category	t CO ₂ -e
1	Natural Gas	Organisation	1.5
1	Refrigerants	Organisation & Services	7.2
1	Diesel oil-stationery fuel	Service	5.5
1	Cylindrical Gas (15oC, 1 atm)	Organisation	1.9
2	Electricity	Organisation & Service	1,611.2
3	Electricity	Organisation & Service	196.5
3	Electricity (Base Building)	Organisation	46.5
3	Diesel oil-stationery fuel	Service	0.3
3	Telecommunications	Organisation	10.6
3	Water	Organisation & Service	13.5
3	Sewage	Organisation	3.8
3	IT Equipment	Organisation	1.0
3	Office Paper A4 (Recycled)	Organisation	0.5
3	Office Paper A4 (Virgin)	Organisation	0.0
3	Office Paper A3 (Recycled)	Organisation	0.1
3	Office Paper A3 (Virgin)	Organisation	0.0
3	Stationery	Organisation	5.2
3	Clothing	Organisation	28.5
3	Embodied Ferry emissions	Service	1,600.0
3	Employee Commute	Organisation	831.6
3	Business Flights	Organisation	9.6
3	Diesel oil -Transport Fuel	Service	34,159.9
3	Cleaning Services	Organisation	30.2
3	Food & Catering	Organisation	26.6
3	Postage	Organisation	10.1
3	Printing	Organisation	4.1
3	Domestic Hotel Accommodation	Organisation	1.5

3	Advertising	Organisation	2.8
3	Taxis	Organisation	114.0
3	Air Freight	Organisation	135.0
3	Road Freight	Organisation	8.3
3	Waste-landfill	Organisation & Service	289.0
3	Waste-Recycling	Organisation & Service	117.1
Total Gross Emissions			39,273.6
GreenPower or retired LGCs			
Total Net Emissions			39,273.6

The total net emissions along with the total passenger-kilometres travelled by patrons provides the below functional unit (average kilograms of CO₂-e per passenger kilometre).

Table 2. Carbon emissions per functional unit	
Passenger-kilometres	123,187,584*
Total Emissions t CO ₂ -e	39,273.6
Functional Unit – kgCO ₂ -e per p.km	0.3188

*data obtained through Transport NSW for opal card usage by route and distances estimated via google maps.

4. Carbon offsets

4A. Offsets summary

Table 3. Offsets Summary				
Retirement date	Offset project, unit type and registry	Serial numbers	Vintage	Quantity
13 June 2019	Ghani Solar Renewable Power Project by Greenko Group	6770-341910430-341946162-VCU-034-APX-IN-1-1792-31032017-31122017-0 https://vcsregistry2.apx.com/myModule/rpt/myrpt.asp?r=206&h=26047	2017	35,733
13 June 2019	Ghani Solar Renewable Power Project by Greenko Group	6682-331924507-331928047-VCU-034-APX-IN-1-1792-31032017-31122017-0 https://vcsregistry2.apx.com/myModule/rpt/myrpt.asp?r=206&h=26008	2017	3,541
Total offsets cancelled				39,274
Net emissions after offsetting				0

4B. Offsets purchasing and retirement strategy

All offset units have been purchased and cancelled for the 2018/19 financial year based on the 2017/18 carbon accounts.

TDSF' offsetting approach involves purchasing and retiring offsets within the reporting year:

1. TDSF purchases and retires an amount of offsets equal to emissions for the previous year
2. At the end of the reporting year a further inventory is produced
3. A true-up (or down) occurs to bring offsets into line with actual emissions
4. TDSF again retires an amount of offsets equal to emissions measured for the previous year and the cycle continues.