

Australian Government
Carbon Neutral Program
Public Disclosure Summary



NAME OF CERTIFIED ENTITY: Transdev Sydney Ferries Pty Ltd

REPORTING PERIOD: FY 2018/19

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 28/01/20
Name of Signatory Paul Stevens	
Position of Signatory General Manager Safety & Assurance	

Carbon neutral certification category	Organisation and Service
Date of most recent external verification/audit	FY1718
Auditor	Ben Jenkins
Auditor assurance statement link	



Australian Government
Department of the Environment and Energy

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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 shipyard 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

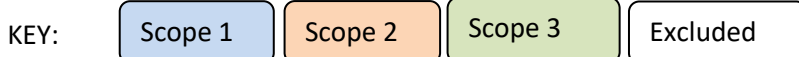
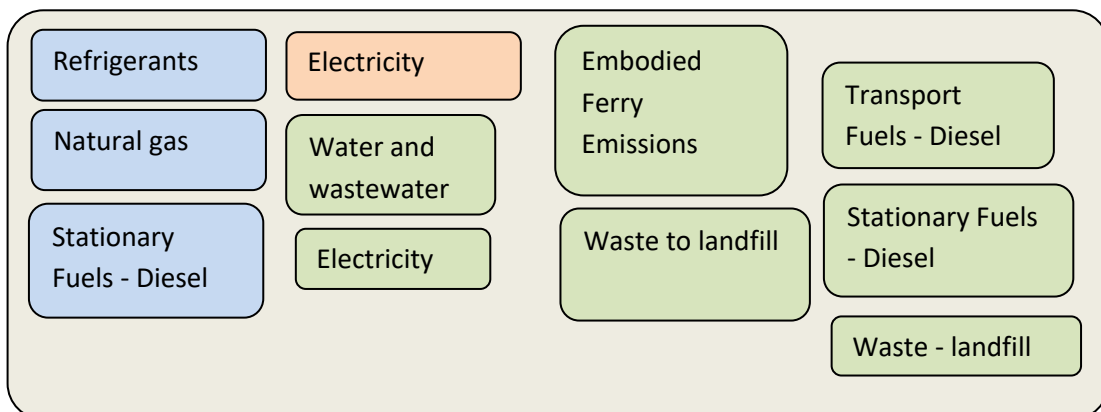
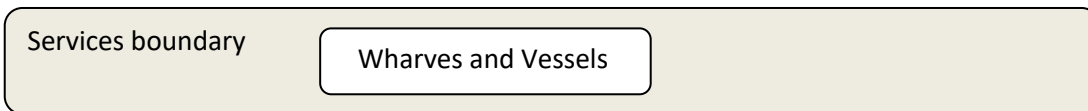
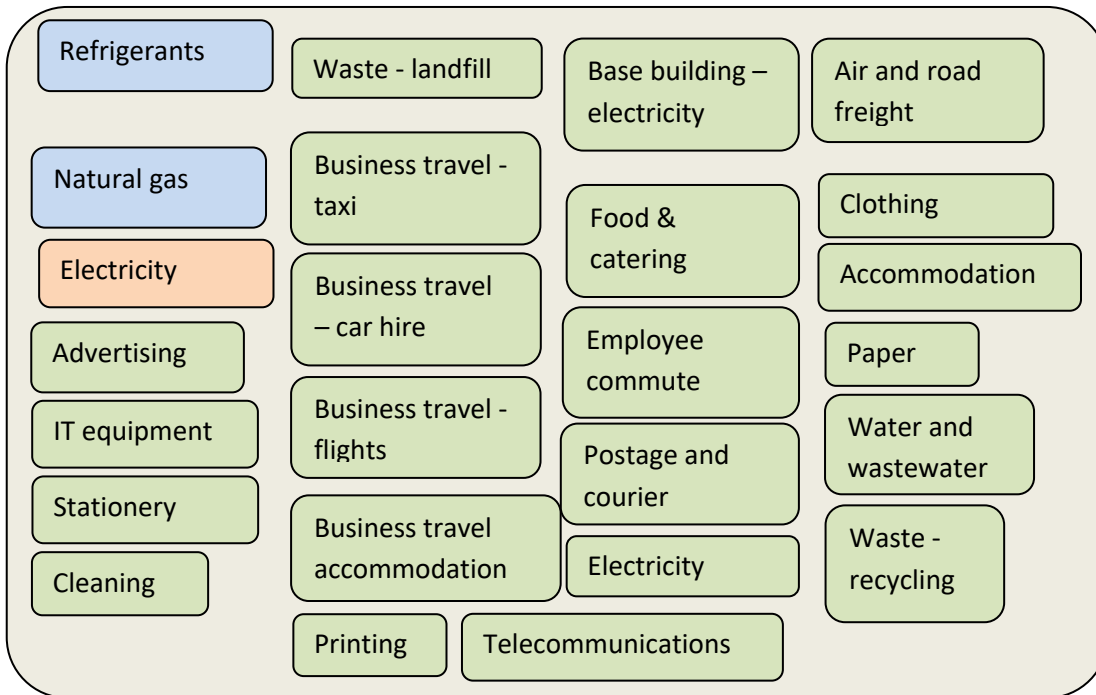
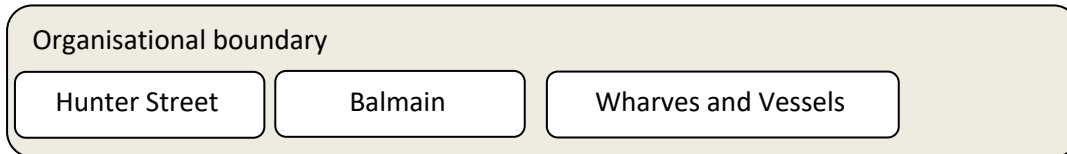
- Refrigerants
- Waste -Landfill
- Waste - Recycling

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

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



2. Emissions reduction measures

2A. Emissions over time

Table 1. Emissions since base year		
	Base Year 2017/2018	Current year Year 2: 2018/2019
Scope 1	32,516.1	32,328.7
Scope 2	1,611.2	1,466.6
Scope 3	5,146.2	5,258.2
Total	39,273.6 t CO₂-e	39,053.6 t CO₂-e

2B. 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.

2C. 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 2. Emissions Summary		
Scope	Emission source	t CO ₂ -e
1	Stationary Fuels - Cylindrical Gas (15oC, 1 atm)	2.3
1	Refrigerants	7.2
1&3	Natural Gas	6.1
1&3	Transport Fuels - Diesel oil	33,908.4
1&3	Transport Fuels - Post 2004 Gasoline	2.4
1&3	Transport Fuels - Post 2004 Diesel oil	5.2
1&3	Stationary Fuels - Petroleum oils (lubricants)	52.4
1&3	Stationary Fuels - Diesel oil	4.8
2&3	Electricity	1,629.6
3	Electricity (Base Building)	46.5
3	Telecommunications	115.3
3	Water	6.3
3	Sewage	2.9
3	Business Flights	39.7
3	IT Equipment	135.2
3	Office Paper A4 (Recycled)	0.6
3	Office Paper A4 (Virgin)	0.0
3	Office Paper A3 (Recycled)	0.1
3	Office Paper A3 (Virgin)	0.0
3	Stationery	10.0
3	Clothing	28.2
3	Embodied Ferry Emissions	1,600.0
3	Employee Commute	696.4
3	Cleaning Services	57.4
3	Food & Catering	27.7
3	Postage	9.1
3	Couriers	81.2
3	Printing	6.3
3	Domestic Hotel Accommodation	2.7
3	International Hotel Accommodation	0.7
3	Advertising	38.3
3	Air Freight	113
3	Taxis	121.0
3	Waste - landfill	201.5
3	Waste – Recycling	94.9
Total Gross Emissions		39,053.6
GreenPower or retired LGCs		0.00
Total Net Emissions		39,053.6

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 3. Carbon emissions per functional unit FY17/18	
Passenger-kilometres 17/18	123,187,584*
Total Emissions t CO ₂ -e	39,273.6
Functional Unit – kgCO ₂ -e per p.km	0.3188

(based upon FY17/18 data)

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

Table 4. Carbon emissions per functional unit FY18/19	
Passenger-kilometres 17/18	123,187,584*
Total Emissions t CO ₂ -e	39,053.6
Functional Unit – kgCO ₂ -e per p.km	0.317

*data obtained through Transport NSW for opal card usage by route and distances estimated via google maps and is based on 1718 passenger kilometres.

4. Carbon offsets

4A. Offsets summary

Table 5. Offsets Summary						
Projects supported by offset purchase	Eligible offset units	Registry	Cancellation date	Serial numbers (including hyperlink to registry transaction record)	Vintage	Quantity
Ghani Solar Renewable Power Project by Greenko Group	VCUs	APX	June 2019	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
Ghani Solar Renewable Power Project by Greenko Group	VCUs	APX	June 2019	6682-331924507-331927828-VCU-034-APX-IN-1-1792-31032017-31122017-0 https://vcsregistry2.apx.com/myModule/rpt/myrpt.asp?r=206&h=26008	2017	3,321
Total offsets cancelled						39,054
Retired for following year						
Ghani Solar Renewable Power Project by Greenko Group	VCUs	APX	June 2019	6682-331927829-331928047-VCU-034-APX-IN-1-1792-31032017-31122017-0	2017	202
300MW Hydropower. Mokra Rajasthan, India	VCUs	APX	March 2020	7919-440882605-440992604-VCU-001-MER-IN-1-92-01012013-30062013-0	01/01/2013 to 30/06/2013	110,000
Wind Energy Farm Mokra Rajasthan, India	VCUs	APX	March 2020	7309-384441865-384462864-VCU-034-APX-IN-1-1135-01012013-31122013-0	01/01/2013 to 31/12/2013	21,000

Table 5. Offsets Summary						
Projects supported by offset purchase	Eligible offset units	Registry	Cancellation date	Serial numbers (including hyperlink to registry transaction record)	Vintage	Quantity
Wind Energy Farm at Palladam, India	VCUs	APX	March 2020	7325-385092749-385121748-VCU-034-APX-IN-1-1137-01012013-31122013-0	01/01/2013 to 31/12/2013	29,000

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.

4C. Use of Trademark

Table 5. Trade mark register	
Where used	Logo type
Website	[Certified organisation & Service]
Social Media	[Certified organisation & Service]
Documents external and internal pertaining to Transdev Sydney Ferries	[Certified organisation & Service]
Transdev Sydney Ferries and correlating wharf areas.	[Certified organisation & Service]