



# Greenhouse Gas Assessment

**Company ABC**

**01 July 2022 to 30 June 2023 (FY23)**



## Introduction

Thank you for being a valued customer of Evaluate8 Sustainability. We appreciate working with you to help fight climate change.

We are pleased to provide you with your carbon assessment, representing your annual emissions as calculated on the Evaluate8 platform. For this report, we have consolidated your business activity information into your carbon footprint across the relevant scopes and categories in line with the Greenhouse Gas (GHG) Corporate Protocol.

Evaluate8 is excited to keep making progress with you in your sustainability journey; whether it's helping to reduce or offset your emissions so you can be carbon neutral or demonstrating your organisation's commitment to sustainability with the Climate Active Certification.

## Methodology

This report has been generated using software provided by Evaluate8 Sustainability Pty. Ltd. (Evaluate8). This software is designed to be used as a self-assessment tool by businesses to provide a calculation of the number of tonnes of carbon dioxide equivalent emissions of those businesses on a yearly basis. When used in conjunction with higher quality data, either entered directly or imported from accounting software, the estimates produced will conform with the international and local standards listed below (see Standards) as at the dates stated and will closely approximate those that could be obtained from a carbon accounting audit.

## Standards

Our carbon and energy management services are compliant and transparent. Our sustainability consultants adhere to international and local standards and protocols.

- The Australian National Greenhouse and Energy Reporting Scheme (NGERS) legislation
- World Business Council for Sustainable Development and World Resources Institute's GHG Protocol
- The National Carbon Offset Standard (NCOS) Climate Active
- ISO 14064-3: Greenhouse Gases - Specification with guidance for the validation and verification of greenhouse gas assertions
- AS/NZS ISO 14001:2004 Environmental Management Systems
- Global Reporting Initiative's Sustainability Reporting Guidelines

## Disclaimer

Evaluate8 Sustainability takes no responsibility for any damages incurred as a result of the standards being inappropriate, incorrect data being entered by users or retrieved from users' accounting software, or as a result of the use or modification of the software or estimates generated by the software, beyond returning the purchase price of the software. See terms and conditions for more details.

## Company ABC – FY23 Full Scope Emissions (tCO2-e)

Operational Boundary	Description	Emissions (tCO2-e)
<b>Scope 1</b>	Direct emissions that your company generates while performing its business activities that come from company-owned and controlled resources such as those resulting from fuel use.	<b>47.65</b>
<b>Scope 2</b>	Indirect emissions from generation of purchased energy from a utility provider such as purchased electricity.	<b>0.00</b>
<b>Scope 3</b>	All other indirect emissions resulting from activities along the value chain.	<b>57.90</b>
<b>Scope 1,2 and 3 (Full Scope)</b>		<b>105.55</b>

Table 1: An overview of full scope of emissions in tonnes for Company ABC.

47.65 tCO2-e Scope 1	0 tCO2-e Scope 2	57.90 tCO2-e Scope 3
47.65 tCO2-e <b>Ground Transport</b>	0 tCO2-e <b>Electricity</b>	19.51 tCO2-e <b>Accommodation</b>
		14.58 tCO2-e <b>Professional Services</b>
		14.11 tCO2-e <b>ICT Services &amp; Equipment</b>
		5.76 tCO2-e <b>Flights</b>
		3.14 tCO2-e <b>Office Equipment &amp; Supplies</b>
		0.52 tCO2-e <b>Postage, Couriers &amp; Freight</b>
		1.91 tCO2-e <b>Advertising</b>

Table 2: A summary of emissions (tCO2-e) for Company ABC by scope and emissions category.

Note: Electricity generated in Australian Capital Territory generates is 100% green energy/renewable hence zero electricity emissions adjusted for ACT based businesses.

## Company ABC – FY23 Full Scope Emissions (tCO<sub>2</sub>-e)

An overview of emissions by category illustrating each activity’s contribution shows that Ground Transport was the largest emissions source at 47.65 tCO<sub>2</sub>-e (44%) of total emissions.

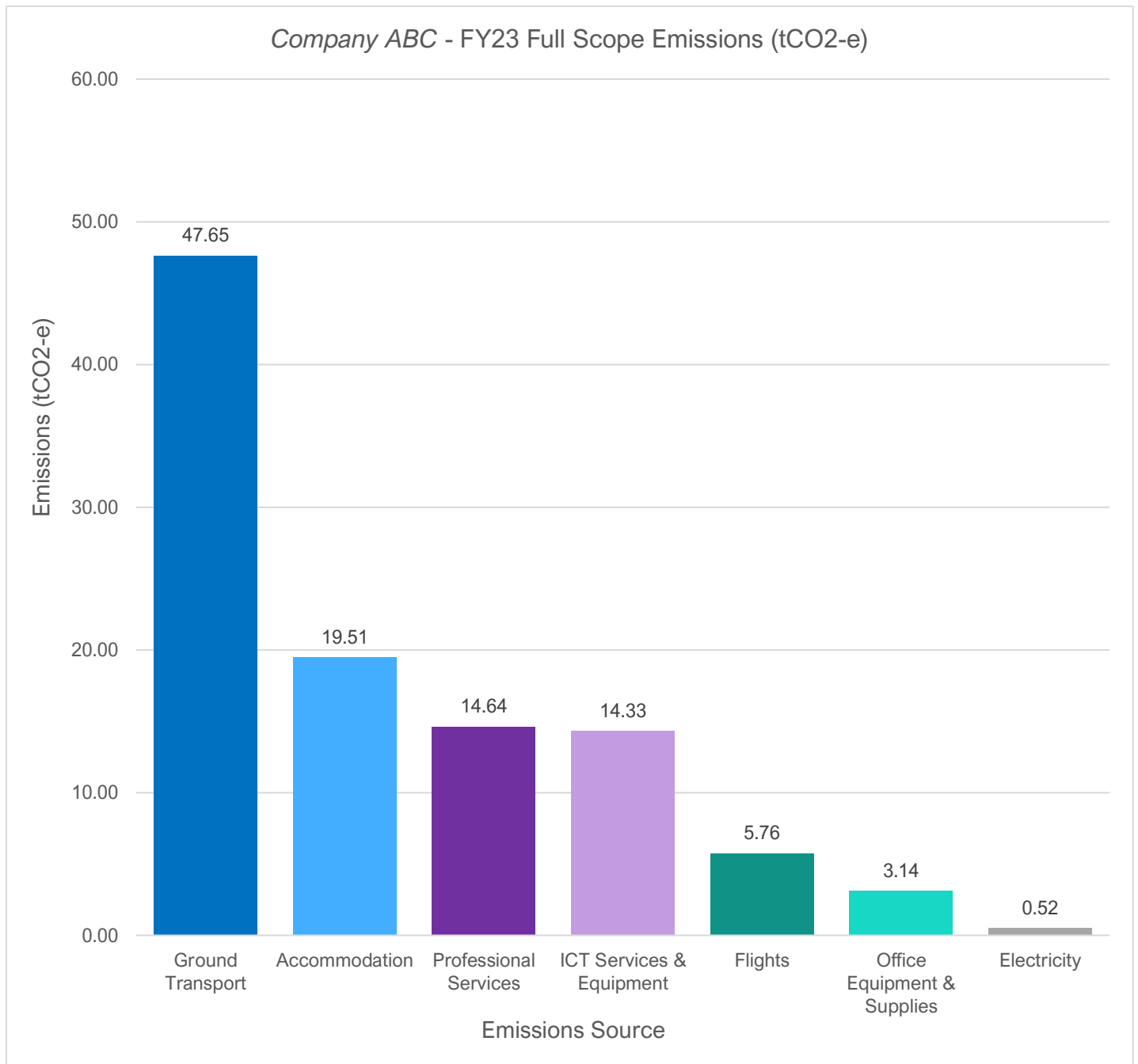


Figure 1 displays a graph of Company ABC Full Scope GHG emissions by emissions category.

## Company ABC – FY23 Full Scope Emissions (tCO2-e)

Category	Activity/Emissions Source	Unit	Emissions (tCO2-e)	Percentage Contribution (%)
Ground Transport	Motor Vehicle Running Costs	kL	47.65	44.07%
Accommodation	Building Rent	AUD	19.51	18.94%
ICT Services & Equipment	Computer Hardware	AUD	6.25	6.06%
Air Transport	Flights	passenger.km	5.76	5.59%
Ground Transport	Taxi Fares	AUD	5.10	4.95%
Professional Services	HR Consulting Services	AUD	4.37	4.25%
Office Equipment & Supplies	Office Supplies	AUD	2.56	2.48%
ICT Services & Equipment	IT Support	AUD	2.41	2.34%
ICT Services & Equipment	Bank Charges	AUD	2.22	2.15%
Advertising	Advertising	AUD	1.91	1.85%
ICT Services & Equipment	Phone/Internet	AUD	1.79	1.74%
Professional Services	Accounting & Audit Fees	AUD	1.23	1.19%
Professional Services	Training & Seminars	AUD	1.13	1.10%
ICT Services & Equipment	Web Development	AUD	0.86	0.84%
Sales Promotion	Sales Promotion	AUD	0.60	0.58%
Office Equipment & Supplies	Offsite Colour Printing	AUD	0.58	0.57%
ICT Services & Equipment	Phone/Elec Devices	AUD	0.58	0.56%
Electricity	Electricity	Kwh	0.52	0.50%
Professional Services	Insurance	AUD	0.24	0.24%
<b>Total</b>			<b>105.55</b>	

Table 3: A summary of Company ABC total emissions by activity.

1. Includes numerical rounding to two decimal points. Table columns and figure percentages may not sum due to rounding.

**Total Emissions: 105.55 tonnes of CO2-e**

**Emissions Intensity per \$1,000 of revenue (\$41m): 2.52kgs of CO2-e (0.00252 tonnes)**

**Emissions Intensity per employee (14): 7.5 tonnes of CO2-e**

## Company ABC - Year on Year Full Scope Emissions Change

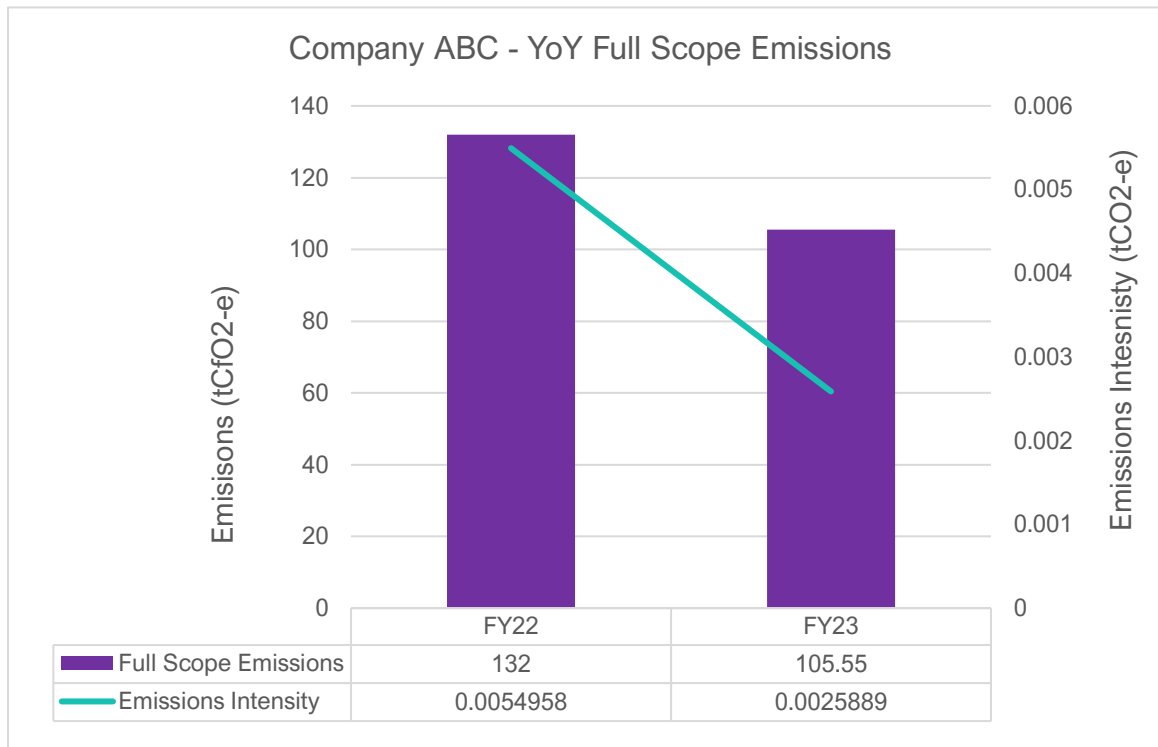


Figure 2: A year on year summary of Company ABC full scope emissions with emissions intensity (revenue).

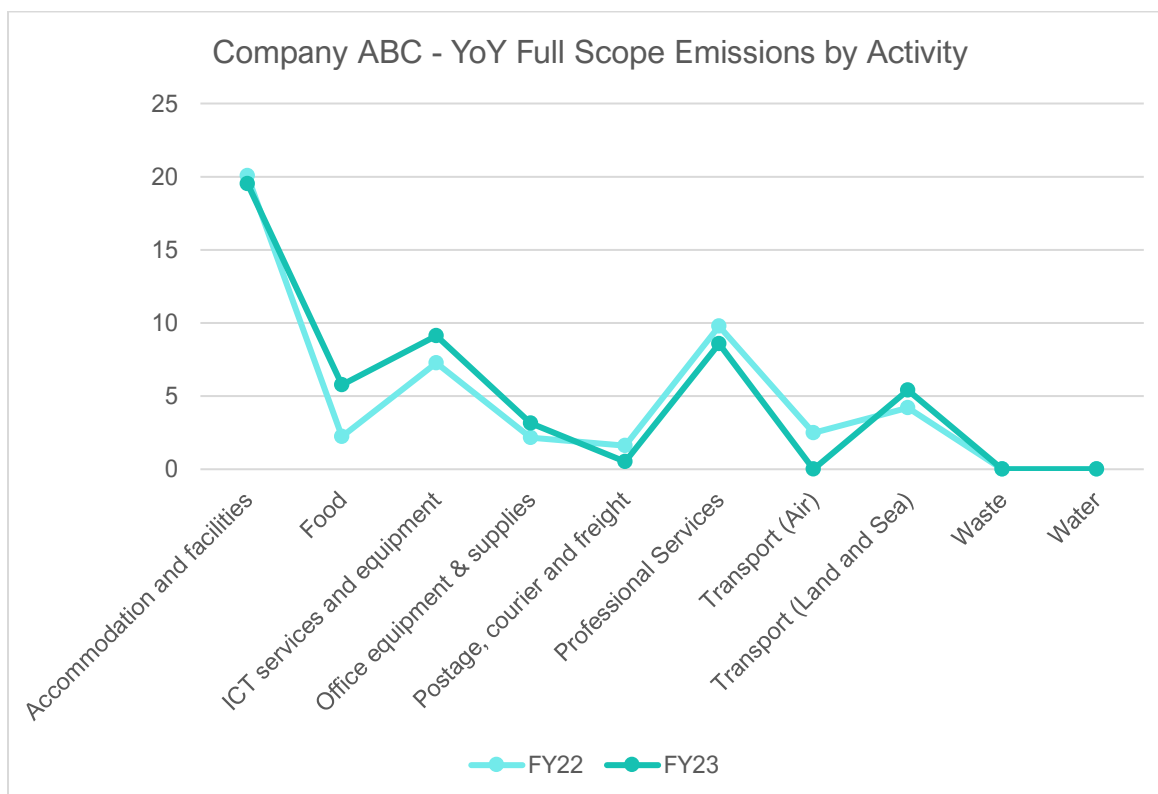


Figure 3: A year on year summary of Company ABC full scope emissions by category.

## Benchmarking

At present, the benchmarking report compares your greenhouse gas emissions with equivalent averages obtainable for Australian businesses. It will also report on emissions intensity based on revenue, number of staff, and industry.

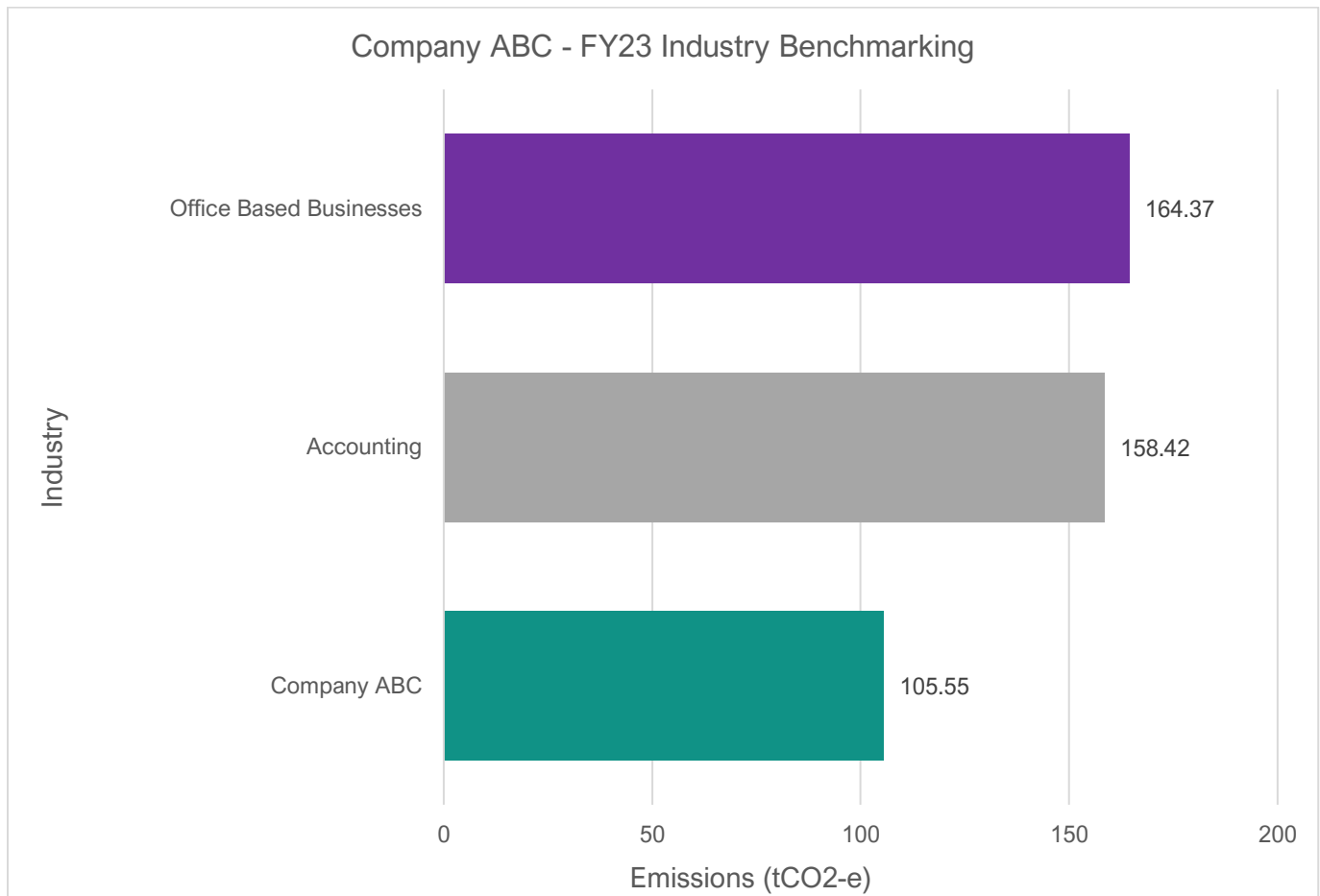


Figure 3: A comparison of Company ABC full scope emissions by similar industry.

\*These benchmarks are based on your revenue against emissions per industry type

## Potential Reduction Opportunities

### Energy-Efficient Buildings

- Implement energy-efficient technologies, such as LED lighting and motion sensors, to reduce electricity consumption in office spaces.
- Install energy-efficient windows and properly insulate the office building to optimize heating and cooling.

### Renewable Energy Sources

- Explore the possibility of sourcing electricity from renewable sources like solar or wind power for the office building.
- Consider investing in on-site renewable energy systems, such as solar panels or wind turbines.

### Smart HVAC Systems

- Upgrade to smart heating, ventilation, and air conditioning (HVAC) systems that can be optimized for energy efficiency.
- Schedule regular maintenance to ensure HVAC systems operate efficiently.

### Sustainable Transportation Options

- Provide incentives for employees to use public transportation, carpool, or use electric and hybrid vehicles.
- Promote bike-sharing programs and provide secure bike storage facilities.

### Waste Reduction and Recycling

- Establish a comprehensive recycling program for paper, plastics, and other recyclables.
- Encourage employees to reduce paper usage and adopt digital documentation wherever possible.

### Green Procurement

- Choose suppliers and vendors with environmentally friendly practices and products.
- Select office furniture and equipment made from recycled or sustainable materials.

### Water Conservation

- Install water-saving fixtures in restrooms and kitchens to reduce water consumption.
- Regularly check for and promptly repair any water leaks within the office space.

### Green Certifications

- Pursue green building certifications, such as Green Star certification by Green Building Council of Australia, to demonstrate the commitment to sustainable and environmentally friendly practices.

### Carbon Offset Programs

- Participate in carbon offset programs to compensate for unavoidable emissions by investing in projects that reduce or capture greenhouse gases.

### Efficient Office Equipment

- Upgrade to energy-efficient office equipment and encourage employees to turn off devices when not in use.
- Consider implementing a policy to retire old and inefficient electronics responsibly.





Contact us for further inquiries

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