



Sustainability, Energy & Carbon Management

Greenhouse Gas Assessment

for **Magentus Group Pty Limited**

Financial Year 2023



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This assessment report has been prepared for Magentus Group Pty Limited.

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Executive Summary

Pangolin Associates Pty Ltd (Pangolin Associates) were commissioned to conduct a comprehensive assessment of the greenhouse gas (GHG) emissions accountable to the Australian operations of Magentus Group Pty Limited ('Magentus') for the Financial Year (FY) 2023.

Based on the best available data, Magentus produced an estimated gross total of 3,976.7 tonnes of carbon dioxide equivalents (tCO₂-e). This total includes indirect contributions along the supply chain (scope 3 emissions).

The gross emissions total has been calculated using the market-based method. Electricity totals using the location-based and market-based reporting methods can be seen in Section 2.2.

A comparison of the individual sector contributions to GHG emissions revealed that ICT Services was the largest contributor, at 1,423.9 tCO₂-e (35.8% of total GHG Protocol emissions). When compared to the previous year, the emissions for Business Travel showed the largest change in emissions at 697.9 (711.0% increase on the previous year).

Note: the results in this report also include emissions for Practice Management, calculated by a third-party.

Magentus has offset 100% of their FY2023 emissions through the purchase of 3,977 carbon credits.

Changes to full scope GHG emissions profile for Magentus over time is presented below.

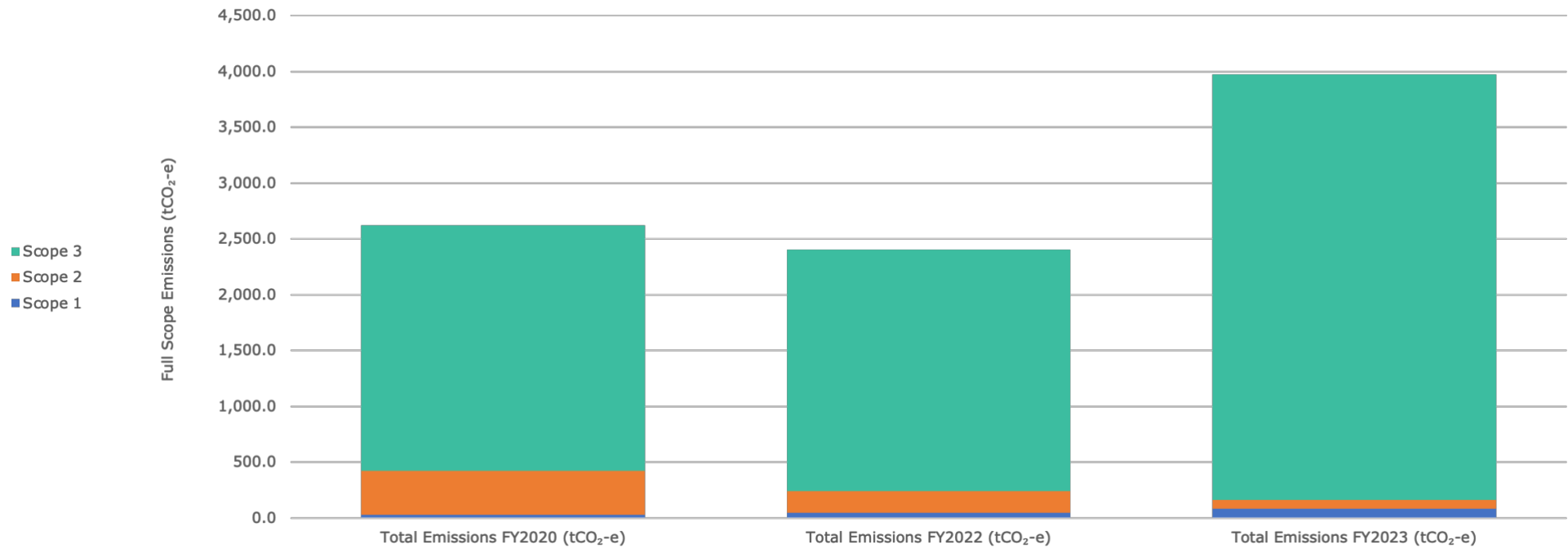


Figure I: A summary of GHG protocol emissions for Magentus over time.

Further comparisons of Magentus's GHG performance to prior assessments are summarised below. Overall year on year (YoY) emissions changed by 1,572.2 tCO₂-e, an increase of 65.4% over the prior year. Note that the emissions for previous years may not be directly comparable due to differences in the operational boundary over successive reporting periods.

Table I: Primary statement of GHG emissions (tCO₂-e) for Magentus^{1,2}

Scope	Examples of Inclusions	Total Emissions FY2020 (tCO ₂ -e)	Total Emissions FY2022 (tCO ₂ -e)	Total Emissions FY2023 (tCO ₂ -e)	Contribution to Total	Change on Previous Year	% Change on Previous Year	Change on Base Year	% Change on Base Year
Scope 1	Direct emissions such as those resulting from fuel use or refrigerant leakage.	26.9	45.4	84.6	2.1%	39.2	86.4%	57.7	214.5%
Scope 2	Indirect energy import such as purchased electricity.	395.2	195.4	76.8	1.9%	-118.6	-60.7%	-318.4	-80.6%
Scope 3	All other indirect upstream and downstream emissions resulting from activities along the value chain.	2,202.6	2,163.6	3,815.2	95.9%	1,651.6	76.3%	1,612.6	73.2%
Total		2,624.6	2,404.4	3,976.7	100%	1,572.2	65.4%	1,352.0	51.5%

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

² Scope 1 & 2 emissions are tabulated according to best practice for the relevant reporting period.

The following Table and Figures provides a summary breakdown of GHG emissions by subunit and emissions category for Magentus.

Table II: Primary statement of emissions (tCO₂-e) & energy consumption (TJ) for Magentus

Operational Boundary	Examples of Inclusions	(tCO ₂ -e)
Scope 1	Direct emissions such as those resulting from fuel use or refrigerant leakage.	84.6
Scope 2	Purchased Electricity	76.8
Scope 3	All other indirect upstream and downstream emissions resulting from activities along the value chain.	3,815.2
Scope 1 & 2 Emissions Total		161.4
Gross Emissions Total		3,976.7
Carbon Neutral Emissions Total		0.0
Net Emissions Total		3,976.7
Energy (TJ)		4.3

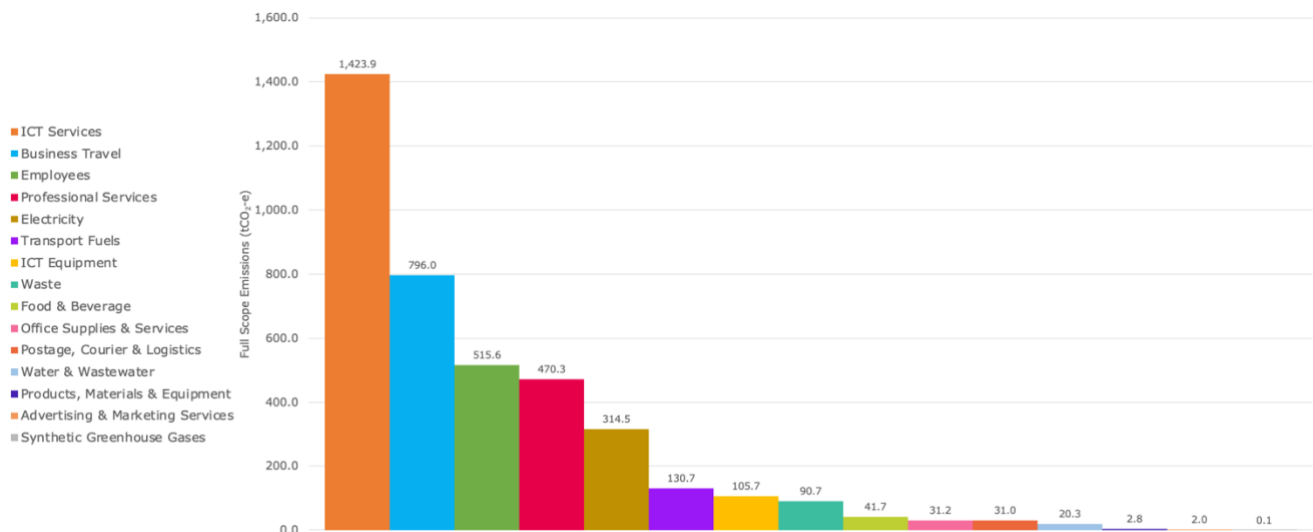


Figure II: GHG emissions for Magentus by emissions category

Greenhouse Gas Emissions Assessment for Magentus Group Pty Limited

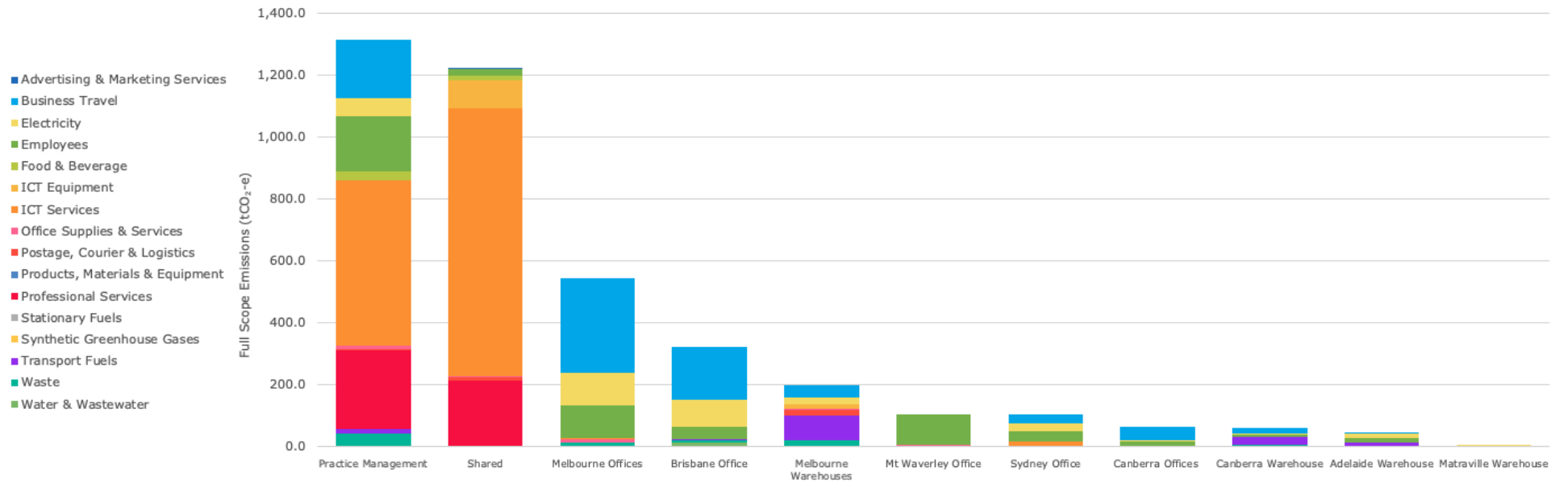


Figure III: GHG emissions for Magentus by subunit and emissions category

Table III: A summary of gross emissions (tCO₂-e) for Magentus by subunit and emissions category.

Subunit	Advertising & Marketing Services	Business Travel	Electricity	Employees	Food & Beverage	ICT Equipment	ICT Services	Office Supplies & Services	Postage, Courier & Logistics	Products, Materials & Equipment	Professional Services	Synthetic Greenhouse Gases	Waste	Water & Wastewater	Gross Full Scope Emissions (tCO ₂ -e)	Contribution to Total
Adelaide Warehouse	0.0	3.8	14.0	15.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.9	1.2	45.0	1.1%
Sydney Office	0.0	29.0	25.4	30.8	0.0	0.0	14.5	1.0	0.0	0.0	0.0	0.0	1.6	0.5	102.8	2.6%
Brisbane Office	0.0	170.3	86.0	39.5	0.0	0.0	0.0	1.8	0.0	0.0	0.0	0.0	4.7	15.0	321.7	8.1%
Canberra Warehouse	0.0	19.0	0.8	10.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.5	0.0	60.5	1.5%
Melbourne Offices	0.0	304.5	106.8	103.8	0.0	0.0	5.1	9.1	0.0	0.1	0.0	0.1	12.7	1.8	544.3	13.7%
Melbourne Warehouses	0.0	37.3	23.6	0.9	0.2	14.0	0.0	1.8	19.2	0.2	0.9	0.0	20.5	1.1	197.5	5.0%
Canberra Offices	0.0	43.1	5.2	13.8	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.8	0.4	64.0	1.6%
Shared	2.0	0.0	0.0	22.5	11.6	91.5	867.0	3.6	9.2	2.5	212.2	0.0	0.0	0.0	1,221.9	30.7%
Matraville Warehouse	0.0	0.0	0.0	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	1.7	0.04%
Practice Management	0.0	189.0	54.8	178.6	30.0	0.0	536.1	9.3	2.6	0.0	257.3	0.0	41.7	0.0	1,313.5	33.0%
Mt Waverley Office	0.0	0.0	-2.2	98.9	0.0	0.3	1.1	4.0	0.1	0.0	0.0	0.0	1.3	0.2	103.7	2.6%
Total	2.0	796.0	314.5	515.6	41.7	105.7	1,423.9	31.2	31.0	2.8	470.3	0.1	90.7	20.3	3,976.7	100%



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