



# PARTNERSHIP REPORT

Kapow Interactive

*Prepared by Eliza Chalmers*

*May 2023*

# ecoBiz Partnership Report

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## Participant profile

Contact Name	Megan Taylor
Site Address	Sop 9, 1 Erromango Drive, Jubilee Pocket Qld 4802
Number of staff	2
Previous ecoBiz involvement	Partner
Metrics monitoring	Energy & Waste

## Partnership Summary

Metrics partnered	Energy & Waste
Verified by Best practice	Waste
Partnership Start Date	May 17, 2023
Partnership Review Date	May 16, 2024

## Partnership detail

Coach	Fiona Sleight
Industry	Technology
Premises leased / owned	Leased
Productivity Unit	FTEs

Kapow Interactive have been registered in the ecoBiz program since mid 2022. The business has participated in two coaching session and has undergone one previous Star Partnership Assessment where partnership was achieved through best practice for energy and waste.

The ecoBiz Star Partnership is calculated based on a demonstrated decrease in resource intensity (resource use in relation to organisation activity). To be eligible to become a Star Partner an organisation must show a 10% decrease in their resource intensity for at least one of the following three categories: Energy, Water or Waste. In the subsequent years following this, the organisation needs to continue a 10% drop in resource intensity from the baseline year to maintain their status. If this is not applicable for the organisation, then the ecoBiz Sustainability Coach can recommend Star Partner status on a qualitative basis.

## Star Partnership data

Energy	Period	FTEs (PU)	Energy (GJ)	Energy (\$)	GJ/PU	\$/PU
Baseline Period	Jan 2021 – Dec 2021	2	41.07	3,414	20.54	1,707
Assessment Period	Jan 2022 - Dec 2022	2	25.16	2,283	12.58	1,1412
% Change		0	-38.75	-33.11	<b>-38.75</b>	-33.11

Table 1 – Kapow Interactive energy intensity calculation table

When comparing the 2022 assessment period to the 2021 baseline period, Kapow Interactive have made no change in their productivity. *Table 1* also demonstrates a 39% reduction in energy consumption against the baseline. As there has been a 0% change in productivity, the business has demonstrated a 39% reduction in energy intensity. As a result, Kapow Interactive has achieved Star Partnership for energy.

Solar	Solar Feed-In (kWh)	Solar Credit (\$)
Jan 2022 - Dec 2022	6,149.31	550.21

Table 2 – Kapow Interactive solar feed-in calculation table

In the interest of continuous improvement and ongoing monitoring, *Table 2* demonstrates Kapow Interactive's solar feed-in. Since the installation of their solar system in 2022, the business has fed 6,149 kWhs of electricity back into the grid, of which, has earned them \$550 in solar credit.

## Justification for Qualitative Partnership

Kapow Interactive has been unable to provide two full periods worth of data to complete a quantitative assessment for waste. The business has been assessed on the merits of best practice identified at the most recent coaching session.

Initiative	Description
Waste diversion from landfill	<ul style="list-style-type: none"> <li>2 Recycling bins in kitchen for co-mingled and container refund items.</li> <li>Food waste diversion being implemented via “green cone” system off site &amp; compost bucket at the office.</li> </ul>
Waste minimisation	<ul style="list-style-type: none"> <li>Waste generated per week is one small bag load.</li> <li>Crockery and mugs used and washed.</li> <li>Staff utilise water bottles with cold water in jug in fridge.</li> <li>Paperless office systems with minimal printing.</li> </ul>

Table 3 – Kapow Interactive waste initiative table

As a result of the implementation of Kapow Interactive’s best practice waste initiatives outlined in Table 3, the business has achieved Star Partnership for waste.

## Carbon Snapshot<sup>1</sup>

					Comparison with baseline	
	tCO <sub>2</sub> e Baseline	tCO <sub>2</sub> e Assessment	tCO <sub>2</sub> e/PU Baseline	tCO <sub>2</sub> e/PU Assessment	Avoided emissions tCO <sub>2</sub> e	Net reduction tCO <sub>2</sub> e
Energy	14.42	8.83	7.21	4.42	5.59	5.59
Water	-	-	-	-	-	-
Waste	-	-	-	-	-	-
<b>Total Emissions</b>	<b>14.42</b>	<b>8.83</b>	<b>7.21</b>	<b>4.42</b>	<b>5.59</b>	<b>5.59</b>

Table 4 – Kapow Interactive carbon snapshot calculation table

Table 4 demonstrates that Kapow Interactive have made a net reduction of 6 tCO<sub>2</sub>e of emissions against their baseline. As there has been no change in productivity, avoided emissions remain the same as net reduction. Please note this snapshot only takes into consideration emissions from electricity consumption. Waste, water and other energy data would need to be submitted for a more comprehensive snapshot.

**Kapow Interactive’s Partnership assessment is due for renewal May 2024.**

<sup>1</sup> The results provided by the carbon snapshot is not a comprehensive carbon footprint. The results cannot be used to make any claims in relation to carbon or greenhouse gas emissions and cannot be used for carbon neutral claims or certification/verification/accreditation. The results cannot be used to purchase an equivalent amount of carbon offsets in order to claim carbon neutrality. See Glossary for further definitions.

## Glossary

### Avoided Emissions

Avoided emissions are a representation of the business's efforts in reducing their emissions, compared to a business-as-usual scenario. A positive avoided carbon emissions figure means a business emitted less GHG (greenhouse gases) per business output than either their baseline or their previous assessment (as part of the ecoBiz program). A negative avoided carbon emissions figure means they have emitted more GHG per business output than either their baseline or their previous assessment.

It takes into account how total business output (measured by productivity unit) changes in different years. This model is an approximation and actual avoided emissions may differ from the modelled avoided emissions for a range of reasons, e.g. changes in behaviour, and the proportion of emissions that would occur regardless of the business output variations (i.e. related to fixed costs) etc.

### Carbon Net Reduction

Reduction in greenhouse gas emissions between baseline and assessment year calculated as part of the ecoBiz annual assessment is known as carbon net reduction. Positive net reduction corresponds to a reduction in emissions and a negative corresponds to an increase in emissions.

### Carbon Snapshot

A carbon snapshot is an approximation of carbon emissions related to your energy, water and waste data you provided as part of your ecoBiz partnership assessment. This data is then calculated using the ecoBiz carbon tool to gather your carbon snapshot.

It is useful as a starting point to your carbon emissions measurement journey and can help you make better informed decisions in relation to your carbon emissions. It is, however, different from a comprehensive carbon footprint.

### tCO<sub>2</sub>e

Gases that contribute to climate change by trapping heat in the atmosphere are known as greenhouse gases such as carbon dioxide, methane, nitrous oxide, and various other natural and synthetic gases. The amount of heat a greenhouse gas can trap in the atmosphere is measured by their global-warming potential (GWP). All greenhouse gases have different GWPs, and higher the GWP value, the more it contributes to climate change.

A carbon dioxide equivalent or CO<sub>2</sub> equivalent (CO<sub>2</sub>e) is a way to measure emissions from all these greenhouse gases into a single measure by converting amounts of other gases to the equivalent amount of carbon dioxide. These are expressed in tonnes or kilograms of CO<sub>2</sub>e (tCO<sub>2</sub>e or kgCO<sub>2</sub>e).

Further information and definitions available on FAQs » [Business Chamber Queensland ecoBiz](#)