PARTNERSHIP REPORT

Kapow Interactive

Prepared by Eliza Chalmers

June 2024

ecoBiz Partnership Report

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	13/06/2024
Partnership Review Date	12/06/2025

Partnership detail

Coach	Fiona Sleight
Industry	Professional, Scientific & Technical Services
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 two previous Star Partnership Assessments.

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	2.00	41.07	3,413.68	20.54	1,706.84
Assessment Period	Jan 2023 – Dec 2023	1.60	8.97	-332.11	5.61	-207.57
% Change		-20.00	-78.16	-109.73	-72.70	-112.16

Table 1 – Kapow Interactive energy intensity calculation table

Table 1 is a calculation of the electricity drawn from the grid on NMI: 3050588125 at 9 Erromango Dr, Jubilee. When comparing the 2023 assessment period against the 2021 baseline, Kapow Interactive has seen a 20% reduction in their productivity unit. Pairing the productivity decrease with the 78% decrease in energy use, the business has made a 73% reduction in their energy intensity. As a result, Kapow Interactive has achieved Star Partnership for energy.

Solar	Solar Feed-In (kWh)	Solar Credit ($)
Jan 2023 - Dec 2023	9,683.76	1,269.15

Table 2 – Kapow Interactive energy intensity calculation table

In the interest of ongoing monitoring, Table 2 demonstrates that in the 2023 calendar year Kapow Interactive fed 9,684 kWhs of electricity back into the grid, earning themselves $1,269 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	• 2 Recycling bins in kitchen for co-mingled and container refund items. • Food waste diversion being implemented via "green cone" system off site & compost bucket at the office.
Waste minimisation	• Waste generated per week is one small bag load. • Crockery and mugs used and washed. • Staff utilise water bottles with cold water in jug in fridge. • Paperless office systems with minimal printing.

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. To maintain this achievement upon renewal, the business must have another coaching session to confirm the continuation of the listed initiatives or provide waste data for a baseline year and assessment year

Carbon Snapshot[1]

Table 4 – Kapow Interactive carbon snapshot calculation table

					Comparison with baseline	
	tCO_2e Baseline	tCO_2e Assessment	tCO_2e/PU Baseline	tCO_2e/PU Assessment	Avoided emissions tCO_2e	Net reduction tCO_2e
Energy	14.42	-9.09	7.21	-5.68	20.62	23.51
Water	-	-	-	-	-	-
Waste	-	-	-	-	-	-
Total Emissions	14.42	-9.09	7.21	-5.68	20.62	23.51

When comparing the 2023 assessment period to the 2021 baseline, Kapow Interactive has made a net reduction of 24 tCO2e in emissions while avoiding 21 tCO2e of emissions. Please note, Table 4 only takes into consideration emissions from electricity consumption. If the business wishes for a more comprehensive carbon snapshot, the submission of other energy sources, waste and water data is encouraged.

Kapow Interactive's Partnership assessment is due for renewal June 2025.

[1] 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_2e

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_2 equivalent (CO_2e) 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_2e (tCO_2e or $kgCO_2e$).

Further information and definitions available on FAQs » Business Chamber Queensland ecoBiz