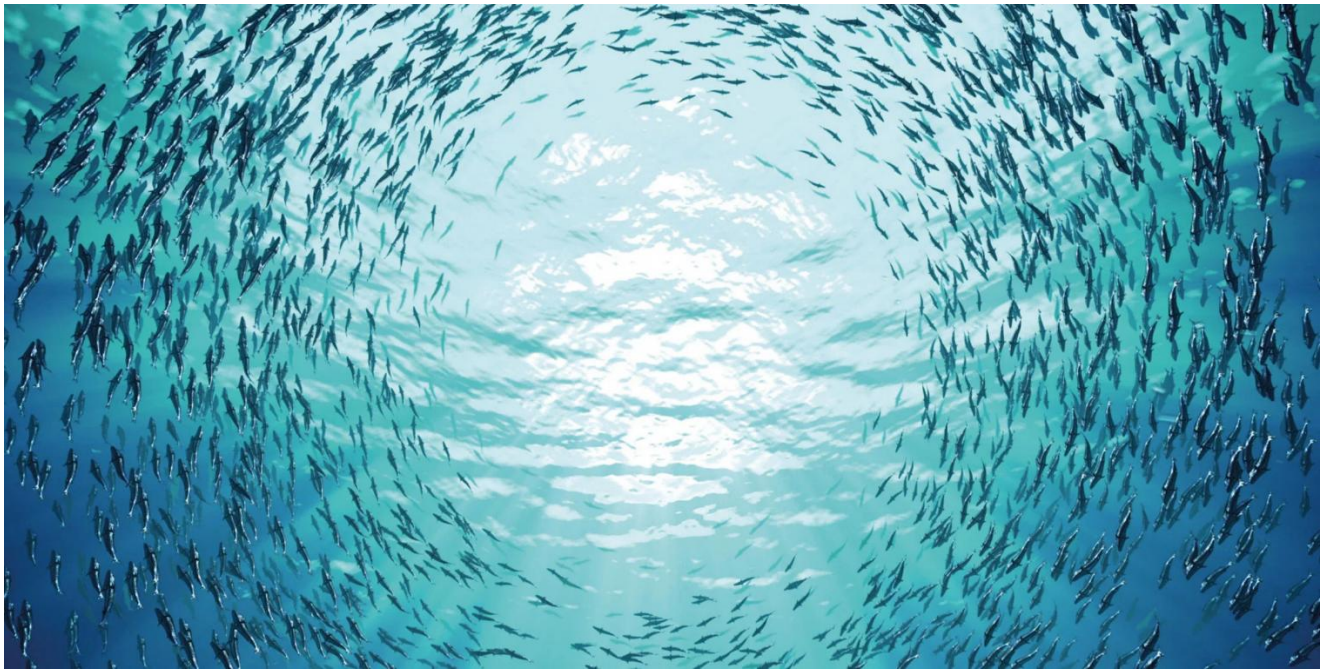
Jonarve™
FLEXIBLE CONTRACT PACKING SOLUTIONS

Environmental Annual Report

2024



INTRODUCTION

This annual environmental report has been prepared following a strategic management review meeting held by senior management. Previous years targets were discussed and determined whether they had been achieved. Data collected throughout the year regarding issues that affect the environmental impact that Jonarve Ltd has, was analysed in order to set realistic, meaningful objectives and targets for the coming year. As certification to the current issue of ISO 14001 was obtained Q4 2024, this year will be a surveillance audit to ensure the EMS continues to be implemented effectively and complies with the standard.

Jonarve shall minimise its environmental impacts by...

Jonarve's core business is to provide contract filling and packaging services to a range of customers primarily in the cosmetics and personal care sector, whilst also understanding that our activities have an impact on the environment. Jonarve is committed to continually improving its environmental performance and meeting the requirements of the ISO14001 current issue.

Maintaining ISO14001 certification ensures that the Company reduces its adverse environmental impact and improves its overall environmental performance.

The Company is subject to external audits by a UKAS accredited external auditing body.

COMPLIANCE

Jonarve Ltd uses the services of ‘The Quensh Consultancy’ to compile and maintain a register of current legislation relevant to its activities.

The register is reviewed on an annual basis to ensure continued compliance with legislation and obligations associated with our activities.

A full list of all legislation and its relevance to Jonarve ltd can be found on the company bespoke access database ‘Sapientia’.

the quensh consultancy

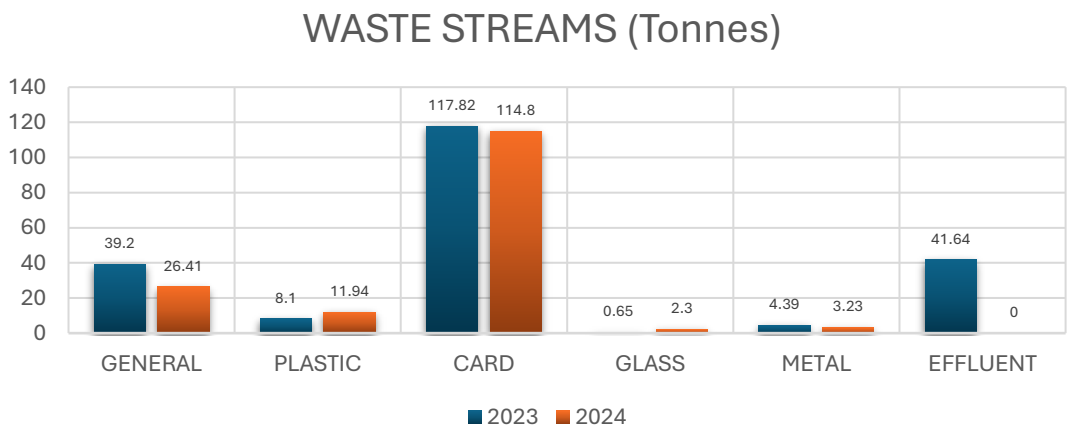
Quality•Environment•Safety•Health

WASTE STREAMS

Waste created directly or indirectly by the Company is responsibly segregated and managed through 3rd party licensed waste carriers

- GENERAL WASTE (VEOLIA)
- GLASS (VEOILA)
- PLASTIC (NEW HORIZON PLASTICS)
- CARDBOARD/PAPER (PARRY AND EVANS)
- EFFLUENT (GREENWAY)
- METAL CONTAINERS (WASTECARE)

WASTE GENERATED (t)	2023	2024	CHANGE FROM PREVIOUS YEAR
TOTAL WASTE GENERATED	211.77 t	158.68 t	▼ 25%
TOTAL SENT TO LANDFILL	0 t	0 t	▼ 0%



The chart opposite shows the breakdown of each waste stream.

The largest waste stream continues to be cardboard/paper, this cannot be directly controlled by the company as the origin of cardboard waste is componentry shippers which are supplied FOC by customers.

TARGET FOR 2025

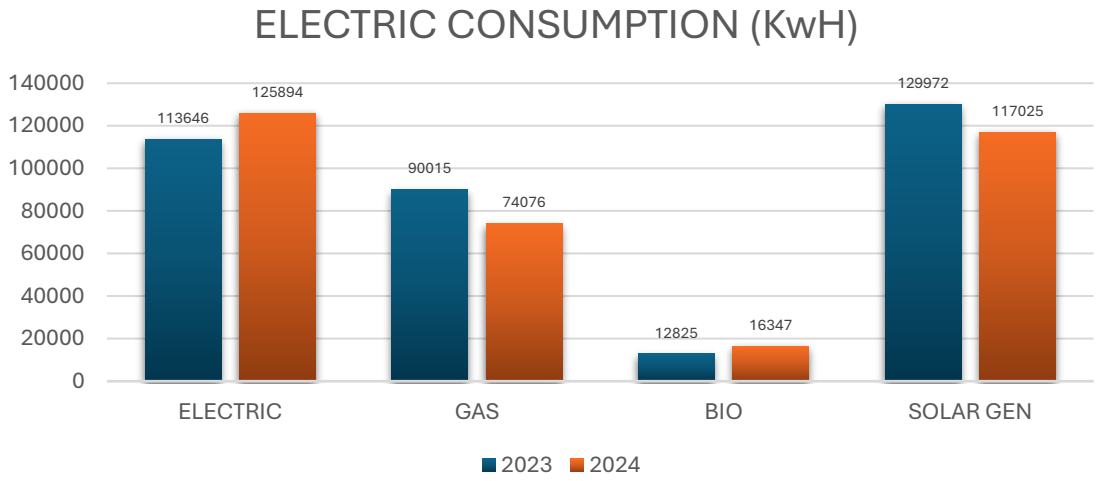
It was identified during the management review that general waste streams can be better managed and a reduction target of 5% (excluding effluent waste) was decided. Continued promotion of better waste segregation to all members of staff through awareness posters on the environmental notice boards and the use of the ‘announcements‘ facility on the sage app will assist in achieving this target.

ENERGY

ENERGY CONSUMPTION(KwH)	2023	2024	CHANGE FROM PREVIOUS YEAR
TOTAL ENERGY CONSUMPTION	289,776 kWh	288,574 kWh	▼ 0%
ENERGY CONSUMPTION PER m^2 (SITE)	44.55 kWh/m^2	44.55 kWh/m^2	▼ 0%

ENERGY TYPE	2023	2024	CHANGE FROM PREVIOUS YEAR
ELECTRIC	186,936 kWh	198,151kWh	▲ 6%
GAS	90,015 kWh	74,076 kWh	▼ 18%
BIO	12,825 kWh	16,347 kWh	▲ 27%
SOLAR GENERATION	129,972 kWh	117,025 kWh	▼ 10%

ELECTRIC BREAKDOWN	2023	2024	CHANGE FROM PREVIOUS YEAR
DRAWN FROM MAINS	113,646	125,894	▲ 10%
DRAWN FROM SOLAR	73,290	72,256	▼ 1%
SOLD TO GRID	46,682	44,789	▼ 4%



The chart opposite shows the breakdown of energy consumption/generation.

The decrease in solar generation during 2024 due to poor weather conditions can be attributed to the increase of electricity being received from the mains and a reduction in electricity being sold back to the grid.

TARGET FOR 2025

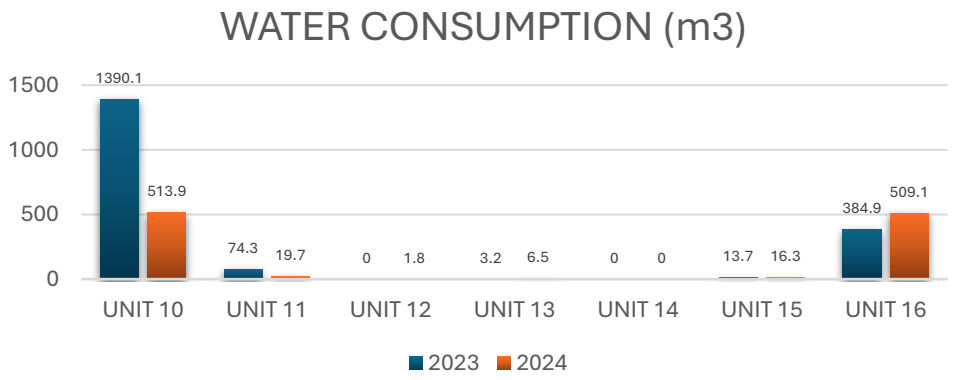
Reducing electric consumption by 5% through replacing existing lighting with efficient LED lighting. Installation of motion sensor lighting in the canteen and warehouse should see a reduction in electricity consumption.

WATER CONSUMPTION

WATER CONSUMPTION m^3	2023	2024	CHANGE FROM PREVIOUS YEAR
TOTAL WATER CONSUMPTION m^3	1866m^3	1067 m^3	▼ 43%
TOTAL WASTEWATER PRODUCED m^3	1445 m^3	891 m^3	▼ 38%

BREAKDOWN OF WATER USAGE BY MONTH	BLENDING WATER USAGE m^3		GENERAL WATER USAGE m^3	
	2023	2024	2023	2024
JANUARY	14.43	28.31	156.57	121.69
FEBRUARY	23.88	25.95	147.12	42.05
MARCH	29.36	23.12	124.64	44.88
APRIL	24.14	29.98	129.86	38.02
MAY	29.28	27.61	124.72	40.39
JUNE	30.40	30.81	123.60	38.19
JULY	21.24	27.29	132.76	40.71
AUGUST	27.95	28.55	123.05	39.45
SEPTEMBER	24.83	31.02	125.17	78.98
OCTOBER	26.33	28.27	123.67	81.73
NOVEMBER	37.18	19.36	112.82	90.64
DECEMBER	20.09	15.13	129.91	94.87
TOTAL	**309.11**	**315.4**	**1,553,89**	**751,60**
PERCENTAGE OF USE	**19%**	**30%**	**81%**	**70%**

* NO DATA AVAILABLE, ESTIMATED FROM JANUARY AND FEBRUARY 2023
** ESTIMATED BILL READINGS



The chart opposite shows the breakdown of water consumption for each unit within the site.

The reduction of water consumption from 2024 to 2023 can be attributed to the installation of low flush cisterns through all staff toilet facilities.

TARGET FOR 2025

Implementation of collecting water meter readings for each unit to conduct an accurate analysis.

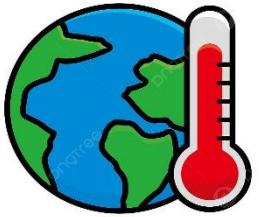
CARBON EMISSIONS

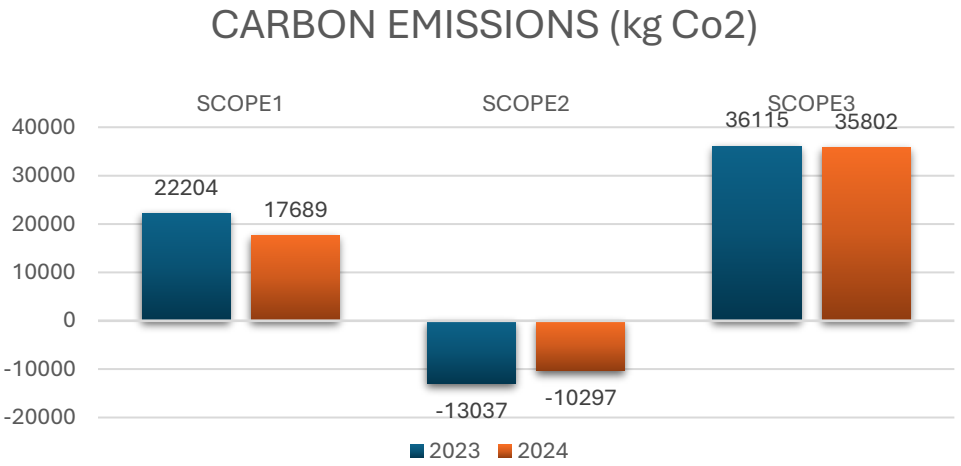
CARBON EMISSIONS	2023	2024	CHANGE FROM PREVIOUS YEAR
TOTAL CARBON EMISSIONS (Kg Co^2e)	45282	43194	▼ 5%

CARBON EMISSIONS BY SCOPE	2023	2024	CHANGE FROM PREVIOUS YEAR
SCOPE 1 CARBON EMISSIONS (Kg Co^2e)	22,204	17,689	▼ 20%
SCOPE 2 CARBON EMISSIONS (Kg Co^2e)	-13,037	-10,297	▼ 21%
SCOPE 3 CARBON EMISSIONS (Kg Co^2e)	36,115	35,802	▼ 0.9 %

SCOPE 1 EMISSIONS BY SOURCE	2023	2024	CHANGE FROM PREVIOUS YEAR
GAS CONSUMPTION (Kg Co^2e)	16,487	13,538	▼ 18%
BIO CONSUMPTION (Kg Co^2e)	2,751	3,506	▲ 27%
AIR CONDITIONING (Kg Co^2e)	2,967	615	▼ 79%
SCOPE 2 EMISSIONS BY SOURCE	**2023**	**2024**	**CHANGE FROM PREVIOUS YEAR**
ELECTRIC CONSUMPTION (Kg Co^2e)	-13,037	-10,297	▼ 21%
SCOPE 3 EMISSIONS BY SOURCE	**2023**	**2024**	**CHANGE FROM PREVIOUS YEAR**
WASTE (Kg Co^2e)	4,635	3821	▼18%
WATER CONSUMPTION (Kg Co^2e)	278	159	▼43%
WASTEWATER PRODUCED (Kg Co^2e)	393	242	▼38%
TRANSPORT (STAFF COMMUTING) (Kg Co^2e)	30,808	31,580	▲ 3%

*ESTIMATED FIGURES





The chart opposite shows the breakdown of carbon emissions per kilogram emitted.

Reductions can be seen across scope 1,2 & 3. Bio consumption has increased by 27% however, upon analysis of the data, a gas FLT had maintenance issues from Jan-Mar 2023 which, can be attributed to the lower consumption levels.

TARGET FOR 2025

Promotion of car sharing though posters on environmental notice boards with the aim of further reducing scope 3 emissions.

TRAVEL & TRANSPORT

EMPLOYEE TRANSPORT (COMMUTING)	M'BIKE	BIKE	WALK	BUS	WFH	VAN	CAR	TRAINL	TOTAL
JANUARY 2024	1	2	62	12	1	3	48	2	131

The chart opposite shows the breakdown of transport modes that employees currently use to commute to work.

An annual survey was compiled in January 2024 detailing employee trends in commuting to work. Data has been collected over the year including average C02e Kg per employee per month.

TARGET FOR 2025

To promote car sharing amongst employees through the use of posters on environmental notice boards with the aim of further reducing scope 3 emissions.