WASTE MINIMISATION REPORT FOR POETON (CARDIFF) LTD 2022

Consigned waste and recycling

The number of employees has increased in 2022 due to an uplift in work orders from Q4, which is reaching just short of 2019 (Pre-Covid) levels. We expect this to continue into 2023 and staff levels will increase accordingly.

Year	Employees
2019	135
2020	65
2021	67
2022	72

The amount of waste sent to landfill in 2022 is zero as our waste collector either recycles our waste or it gets landfill diverted to produce energy. The total amount of waste generated has reduced, this is helped by better use of packaging and more awareness from our staff. We continue to encourage our clients to use reusable bespoke packaging, as this will cut down on waste generated by both parties. This also makes good business sense as this reusable packaging is custom made for the parts they contain, holding the parts firmly in place causing less damage to parts in transit, which results in reducing the need for re-work, which in turn saves valuable resources (transport back and forth for rework, energy, manpower, chemicals etc.).

Year	Landfill (tonnes)	Recycling (Tonnes)
2019	2.3	20.9
2020	1.7	17.4
2021	2.5	11.5
2022	0	13.7

The percentage of recycling: landfill has increased in 2022 as none of the waste collected by Biffa is sent to landfill.

Year	% of Waste Recycled
2019	90%
2020	91%
2021	82%
2022	100%

Year	Combined/ employee (kg)	Landfill/employee	Recycling / employee
2019	154	17	154
2020	294	26	268
2021	209	37	172
2022	143	0	143

CO_2 Produced

There was a small increase in the total amount of CO_2 produced in 2022, but this is still considerably down on 2019 figures. Also, the CO_2 per employee has slightly decreased. Airbus production was down across the site in 2020 & 2021, increasing in 2022 to just short of 2019 (pre-covid) levels, also some staff were working from home and others on furlough, this has led to higher energy usage than 2021 even with the energy savings in place. In this case we believe comparison should be made against 2019 figures not 2020 & 2021. We are looking to make further improvements on energy efficiency with the use of croffles as stated on water use. The company leadership is aware of their moral and legal duty to decrease the amount of CO2 produced and a project was started at our head office (PGL) in 2022 to find ways this can be achieved and act on them, the improvements identified there should start to be rolled out in PCL during 2023.

Year	CO_2 Total (tonnes)	CO_2 per employee
2019	721.5	5.3
2020	526.3	8.1
2021	537.7	8.0
2022	559.8	7.8

Water

The water usage in 2022 has decreased on previous years usage. We continue to use flow-check valves and level probes, as well as making sure that tank maintenance is planned such that a minimum of water is used and lost through the process, as far as possible. We plan on introducing croffles to the surface of our processing tanks in 2023 to further insulate them, which will reduce evaporation and hopefully help save on water usage.

Year	Water (M^3)	Water per Employee
2019	50124	371.2
2020	33637	517.4
2021	31676	472.7
2022	27081	376.1

In conclusion

There has been a decrease in overall waste, but CO^2 produced has slightly increased. This is in line with increasing turnover in business, due to the level of Airbus work increasing to just short of 2019 levels (pre-covid). We are continuing to work towards improving our environmental performance in every aspect, a goal that is driven by the entire management chain, not just as a matter of legal requirements but also to remain an environmentally responsible company.

J. Hamling,
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Cardiff 29/03/2023