

# Granby



## CARBON FOOTPRINT REPORT 2022



# OUR COMMITMENT TO ACHIEVING NET ZERO



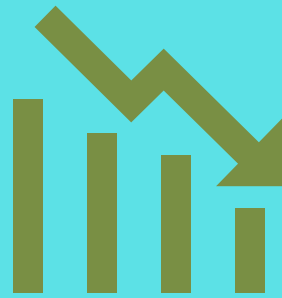
**GRANBY IS COMMITTED TO  
ACHIEVING:**

**NET ZERO  
EMISSIONS**

**BY 2050**

**To fulfil this commitment, we aim to reduce  
output emissions by 40% by 2025**

# Carbon Footprint



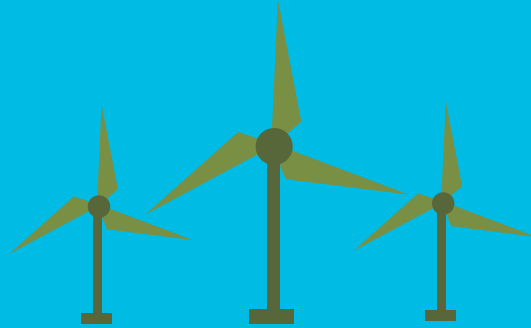
2022 = 97.78 tonnes



2021 = 131.06 tonnes

**25.4%  
decrease in  
carbon  
dioxide  
produced**

Just 2 years in  
we are well on  
target to hit  
our 40% goal!



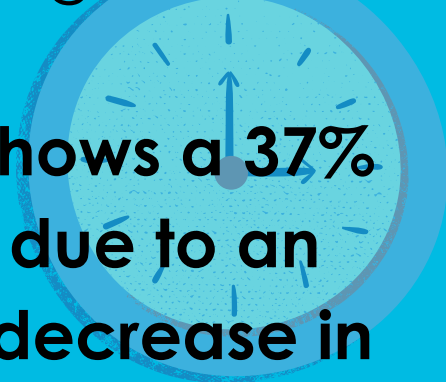
To give a context to the carbon produced, Granby's net figure is compiled by including the number of minutes worked throughout the year against the carbon output.

2022 Total minutes worked:  
 $7,467,656 / 97.8 = \text{net figure } 1.30$

2021 Total minutes worked:  
 $6,337,710 / 131.06 = \text{net figure } 2.067$

2020 Total minutes worked:  
 $3,583,825 / 10.63 = \text{standardised figure } 2.96$

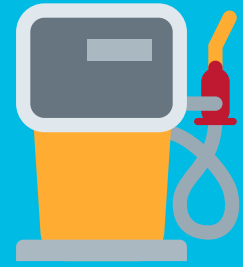
**By using this sum, the 2022 total shows a 37% decrease in the final net value, due to an increase in working hours and a decrease in energy used.**



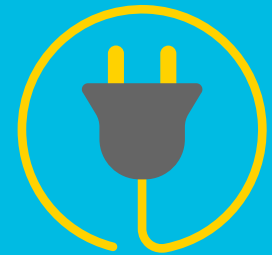
## 2022 figures:

The 2022 conversion factors used to create the final kg figure were:

Diesel – Unit quantity x 2.56 =  
2000 x 2.56 = 5,120kg



Electricity – Unit quantity x  
0.19338 = 282582 x 0.19338 =  
54,645.7kg



Gas – Unit quantity x 2.02 =  
18747 x 2.02 = 37,868.9kg



Hotel – Unit quantity (10.4) x  
night stays per person = 10.4 x  
15 = 156kg



# 2022 figures:

Total weight of carbon produced by Scope 1 and Scope 2 emissions comes to:

97,789kg

97.78 Tonnes

Scope 1 Direct Emission Sources:

Fuel Combustion (Gas)  
Company Vehicles Fuel  
Fork Lift Trucks

Scope 2 Indirect Emission Sources:

Purchased Electricity for Business  
Use

