

Krome

2021 GREEN HOUSE GAS EMISSION REPORT





At Krome Technologies we understand that doing business sustainably is critical for everyone's future.

In line with the global efforts to combat climate change we've made a commitment to ensure sustainability is at the core of our operations.

By measuring and managing our GHG emissions, we hope to not only reduce our carbon footprint but also set an example for other businesses to follow. Ultimately, our goal is to create a more sustainable future for generations to come.

We plan to halve our emissions before 2035, achieving net-zero emissions ahead of the UK's 2050 target and are committed to disclosing our progress annually.

We embrace the opportunity that a more sustainable approach can bring, by making positive changes to reach a net-zero target we can help to protect the environment and preserve natural resources for our future generations.

We are committed to making our operations more energy-efficient.

HOW WE MEASURED OUR GHG EMISSIONS

Using the GHG Protocol, the measurement of GHG emissions typically involves three scopes:

Scope 1: Direct Emissions

These are emissions from sources that are owned or controlled by the company, such as company vehicles and process emissions. As we have no specific machinery emissions, our scope 1 emissions have been calculated using the total mileage made in Krome vehicles and vans in 2021.

Scope 2: Indirect Emissions

These are emissions from electricity consumption that are not included in Scope 1. These are measured by tracking the amount of electricity and gas purchased and using data from the energy providers to calculate the associated emissions.

Scope 3: Other Indirect Emissions

These are emissions that are a result of the company's activities, but occur from sources outside of the company's direct control, such as emissions from supply chain operations, employee commuting, and waste disposal. These have been measured by collecting data from our suppliers, surveying employees, and tracking waste disposal practices to estimate emissions from these activities.

Measuring our Greenhouse Gas (GHG) emissions in 2021 has helped us to understand our current carbon footprint and set appropriate targets for reducing our emissions in the future.

SCOPE 1

OWNED TRANSPORT



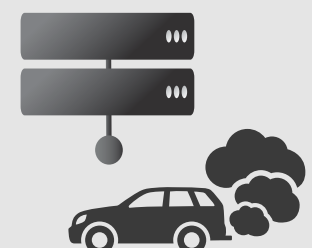
SCOPE 2

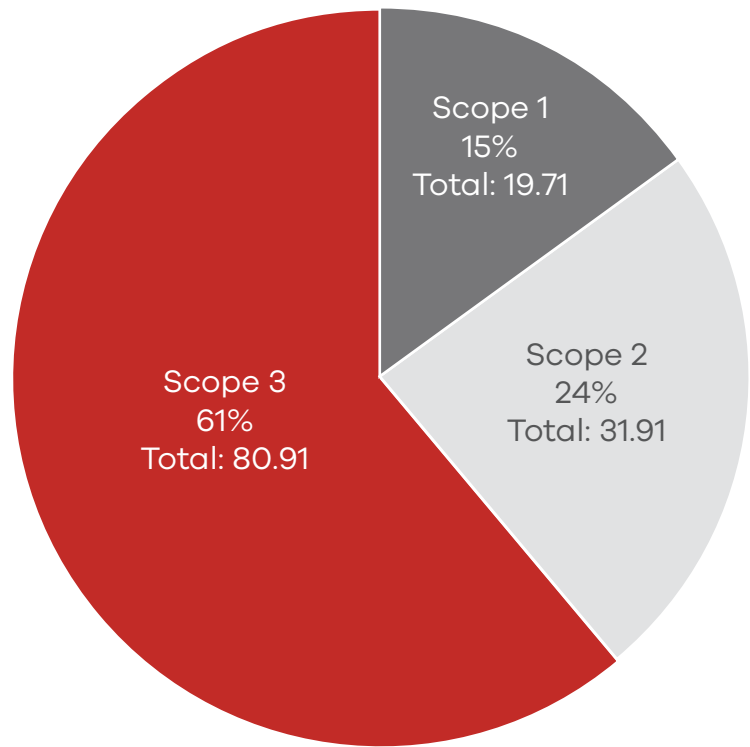
ELECTRICITY CONSUMPTION GAS CONSUMPTION



SCOPE 3

DISTRIBUTION COMMUTING BUSINESS TRAVEL WASTE - REFUGE RECYCLING WASTE - WEEE DATACENTRE





KROME GHG EMISSIONS 2021

Scope 1 Activity	GHG Emissions in Tonnes of CO2e
Owned Transport	19.71
Scope 1 Total	19.71

Scope 2 Activity	GHG Emissions in Tonnes of CO2e
Purchased Electricity Consumption	30.60
Purchased Gas Consumption	1.31
Scope 2 Total	31.91

Scope 3 Activity	GHG Emissions in Tonnes of CO2e
Distribution	22.59
Employee Commuting	32.25
Business Travel	17.65
Datacentre	8.22
Recycling	0.10
Waste - Refuge	0.08
Waste - WEEE	0.02
Scope 3 Total	80.91

It is worth noting that during 2021 we were still in the midst of the Covid-19 pandemic; with the first part of 2021 being in full lockdown, followed by our employees returning to offices for just 2 days per week. As a result, we expect that we will see an increase in 2022 in some areas.

WHAT WE ARE DOING TO REDUCE EMISSIONS

Things we are already doing to reduce our emissions:

- In 2019 we replaced all of our desktop PC's with laptops and new monitors, saving a third in power consumption across our devices.
- In March 2020 we switched to a renewable energy supplier.
- In 2021 we upgraded our core server and storage technology in our secondary data centre, to newer, more energy-efficient solutions reducing the power consumption by 23%.
- Our office lighting uses energy-efficient LED bulbs, with PIR motion detection so that they turn off automatically when the room, or area, is not in use.
- We have decreased our energy use by setting the temperature to 21°C across our office floors, with no heating in use for the large open warehouse spaces.
- Our Chertsey head office is heated via an air heat pump which saves a substantial amount on fuel consumption compared to standard gas heating.
- Our air conditioning and heating unit is switched off on a timer so that it is not in use during the evening or weekends.
- We have an electric vehicle charging point at our Chertsey office, with plans to add one to our Manchester facility this year.
- Our workforce is currently hybrid working, having reduced our office-based workforce from 5 days per week, down to 2 days, reducing our commuting CO2e.
- We offer our clients full Waste from Electrical and Electronic Equipment (WEEE) compliant disposal services, in compliance with WEEE regulations.
- Our datacentre partner is fully committed to the Climate Change Agreement for UK Datacentres, and are currently achieving a PUE Score of 1.14, which is significantly lower than the global average. They have also been recognised for industry awards for their sustainability initiatives.



Future initiatives to reduce our emissions:

We embrace the opportunity that a more sustainable approach can bring; we're currently planning to continue to update both the technology in our offices and in our data centre to ensure that we are utilising more energy-efficient solutions across our operations.

It is our intention to install solar panels in our offices in Chertsey and Manchester to generate our own renewable electricity source and reduce our electricity consumption.

It is our intention to replace our vehicle fleet with electric vans, as and when models become commercially viable. We aim to have completed the move to fully electric by 2030.

We are introducing a sustainability questionnaire for each of our supply partners, with the aim to ensure that we are only working with organisations that are committed to making efforts to fight climate change and reduce GHG emissions.

Whilst we are in the early stages of our efforts to address the impact that our business can have on climate change, we are now planning how our future actions will help reduce our carbon emissions and are committed to doing our utmost to protect our environment for the future.

We will report our 2022 GHG emissions early 2023 when the data has been collated.

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