



Environment Report 2020



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Who We Are

Gist is one of the UK's leading logistics companies. It is owned by Linde plc operates primarily in the UK, with operating sites also located in the Netherlands, France and the USA.

Our business centres around warehousing and transportation for temperature controlled supply chains – serving the UK's largest supermarkets. Gist owns and manages large temperature controlled warehouses and a fleet of over 800 refrigerated vehicles, primarily serving the food retail sector.

Gist uses its expertise and assets to generate value for customers, shareholders and employees.

Gist continues to work with its customers and employees to address sustainable development challenges, such as optimising transport networks, reducing food waste and minimising the use of fossil fuels.

Scope

This report covers Gist Ltd and includes the UK sites operated and managed by Gist Ltd for 1 January 2020 to 31 December 2020.

Chief Executive Message

Protecting and preserving our natural environment is critical if we are to manage the impact of climate change. The logistics sector must face up to the economic, social and environmental challenges that climate change, and indeed COVID-19, has presented in 2020.

In this, our first environmental report, we demonstrate how we are already helping to minimise our use of natural resources and energy and will continue to rise to the challenge of reducing this even further each year.

We are working towards using less energy and recycling more waste.

Every day, we are making a difference by finding efficiencies, reducing costs and lessening the environmental impact of all of our actions.

We are also working collectively with our customers, suppliers and the communities where we operate to build back stronger and create more resilient and more sustainable organisations that will be able to survive and thrive - now and in the future.

We made significant progress in 2020, and we've set further targets to continue that progress towards our 2028 sustainability goals.

In an industry where the technology for decarbonising is still in its early stages, I recognise that there is still much to do, and we are committed to playing our part.

This report outlines the progress we have made to date and our plans for the future, and makes a personal and professional commitment to driving environmental improvements in our business in the months and years ahead.



Michael Chambers
Chief Executive

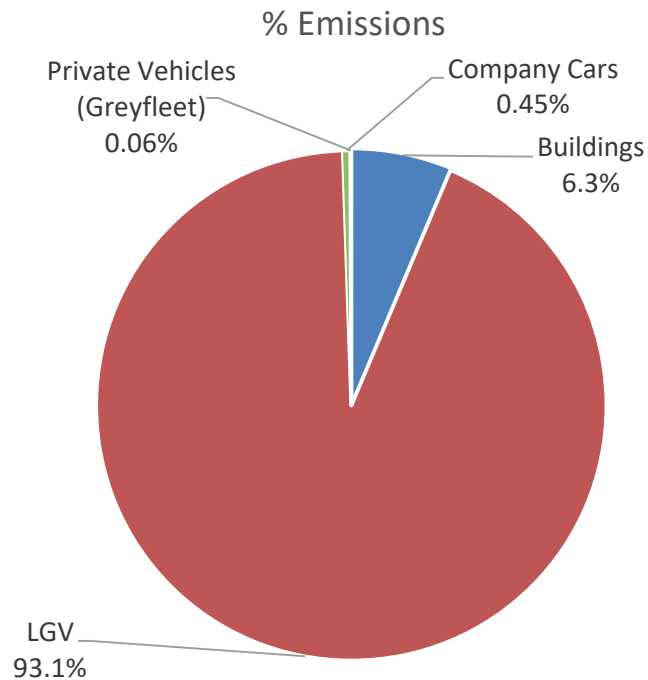


Greenhouse Gas Emissions

As a logistics company, our largest emissions derive from transportation which is therefore our biggest challenge. The difficulty lies in the limited amount of innovative HGV technology readily available on the market.

We hope to trial more new and sustainable technologies over the next few years in the hope of making our fleet the greenest in UK logistics.

Carbon Emissions 2020



A white GIST truck is driving on a winding asphalt road that curves towards a large, blue, abstract sculpture. The sculpture is shaped like a tall, narrow arch and contains several vertical elements resembling tools: a wrench, a screwdriver, and a bolt. The scene is set against a sky with soft, wispy clouds, suggesting a late afternoon or early morning setting. The road is bordered by green grass and some wildflowers in the foreground.

Energy Efficiency Actions

During 2020, Gist Limited has undertaken a number of measures to reduce energy consumption.

Fuel Reduction

As shown, over 90% of our emissions as a logistics company are associated with transportation. Therefore, a key focus for energy efficiency activities centres around fuel.

Vehicle Design

- 100% of our logistics fleet is Euro 6 model DAF trucks.
- We have extensively improved the aerodynamics of our vehicles by installing chassis side skirts and air management kits to reduce our fuel usage.
- We further reduce our fuel usage by installing low resistance tyres and ensuring type pressure is maintained.
- By making optimal use of double-deckers, we have reduced the number of vehicles on the road.
- Installation of roof-mounted fridge solar panels to reduce fuel use and emissions.
- Adaptive cruise control and high-efficiency fridges are a requirement on new build vehicles.





Vehicle Schedules

All planning is managed through a National Planning Centre using a new GTO technology to create optimised routes, fill rates and scheduling plans.

The team create dynamic daily schedules for pick-up and deliveries to minimise the mileage, use the more appropriate vehicle and optimise vehicle fill.

Driving Styles

More than 90% of drivers use Microlise driver telematics to measure and monitor driving styles.

The Microlise system measures driving style on key measures including harsh braking and acceleration and engine idling, all of which have an impact of fuel efficiency and vehicle wear.

Debriefing drivers on their driving styles to improve their scores contributes to more efficient use of the vehicles and fuel.

New Technologies

- Gist is actively engaged with a range of partners in ongoing trials of new vehicle technology including CNG vehicles, and zero-emission electric and CNG refrigerated trailers.
- Gist commenced trials of the fuel-efficient, hydraulic-driven Eco Gen generators in its fleet to improve air quality by reducing fuel consumption as well as CO₂ and Nox.
- The hydraulic generators are an environmentally-friendly solution that allow an existing diesel powered unit to achieve the same environmental classification as the vehicle by converting the unit to electric power, eliminating the need for diesel.
- This reduces the vehicle's total fuel consumption, and lowers carbon dioxide, nitrogen oxide and particle emissions.



Energy Reduction

We have introduced measures to reduce energy consumption at our distribution centres and operational buildings.

We have invested significantly to replace older refrigeration systems that use F-gases with state-of-the-art ammonia glycol fridges. These use a natural refrigerant and consume significantly less electricity. Six new ammonia glycol systems have been installed from 2010–2020 and more are planned in the future.

New low energy LED lighting, with automated systems, have been installed across many of our sites. These lights have the potential to reduce huge amounts of carbon emissions every year. LEDs have been proven to be a more efficient option than standard lighting choices. The replacement scheme is therefore continuing into 2021.





Waste

Waste from Gist is largely generated from the packaging we receive from customers and suppliers.

Gist's waste primarily consists of cardboard, recyclable plastic wrapping and food waste. The waste is managed by a supplier using eight waste streams.

In 2020, Gist diverted 98% of waste from landfill, and we are setting recycling targets for all of our operational sites.

We manage our tyre lifecycle to maximise use, and 100% of tyres are recycled. For example, some of our tyres are reused as tarmac in school playgrounds.

Water

All vehicle washing stations use 100% recycled water.

Ecovadis

The EcoVadis Corporate Social Responsibility (CSR) assessment has provided an independent assessment of our sustainability practices and policies.

The main areas of focus are: Environment, Labour and Human Rights, Ethics and Sustainable Procurement.

Being awarded Silver in this assessment has placed Gist in the top 30% of all companies assessed.

