

GREENLIGHT ENGINEERING GROUP

CARBON FOOTPRINT REPORT



**JANUARY -
DECEMBER
2024**



Prepared by
ESG INTEGRATION

LETTER FROM THE GROUP MD



LEE ANDERSON

GREENLIGHT GROUP MD

At GreenLight Engineering Group, we are committed to reducing both our direct and indirect greenhouse gas emissions. Our overarching goal is to embed sustainability across the three businesses that make up our group—GreenLight Fit Out, GreenLight Facility Management (FM), and GreenLight Renewables. This commitment is being implemented through the calculation, tracking, and reduction of our carbon footprint.

Following our first assessment in 2022, which focused on our corporate emissions, we have now expanded the scope to include all relevant and material emission categories in our 2024 baseline. In calculating our 2024 carbon emissions, we have confirmed, as expected, that Scope 3 emissions represent the majority of our footprint.

We recognise that decarbonising our operations is a journey, and collaboration with our suppliers is critical to fully understanding where we can control our indirect emissions. As a result, we have not set ambitious reduction targets at this stage, as much of our emissions are indirect and beyond our direct control. However, we have established a strong foundation for tracking and collecting the data necessary to accurately calculate our carbon footprint.

Our next steps will focus on continuing to implement measures that will reduce emissions across all categories, with particular attention to those where the majority of our emissions lie. This approach will set us on a clear path toward achieving our goal of Net Zero by 2050.

GreenLight's overarching
carbon target

**Net Zero
by 2050**

Signed

L. Anderson



COMMERCIAL FIT OUT



RENEWABLE ENERGY



FACILITY MANAGEMENT

COMPANY OVERVIEW

VISION

GreenLight's vision is centered around engineering a greener future. As a Group of companies made up of Fit Out, Facility Management, and Renewables, and operating within the UK, our core focus is on providing value to our clients through high quality and sustainable service.

OUR GROUP

- Commercial Fit-Out
- Facility Management
- Renewable Energy Services

MISSION

- To provide specialist service in commercial fit-out, facility management, and renewable energy services.
- To operate with a core focus on sustainability across all their services.
- To embody expertise across all facets of design, project management, operations, and technical solutions.
- To serve valued clients.



DECARBONISATION HIGHLIGHTS

As part of our ongoing commitment to sustainability, we are proud to share the key initiatives that are driving our decarbonisation efforts. From transitioning to a greener fleet to improving waste management practices, these highlights showcase the steps we are taking to reduce our carbon footprint and support a more sustainable future. Our focus remains on making measurable progress towards our decarbonisation goals, while ensuring that our operations are aligned with best practices for environmental responsibility.

FLEET TRANSITION

- ✓ We provide pool cars for staff use, including business travel, commuting, and personal use. Over half of our 19 cars and vans are now hybrid or electric, with 6 hybrids and 5 electric vehicles. As leases renew, we seek to continue transitioning to more electric and hybrid vehicles to further reduce emissions.

58%

% of fleet vehicles are hybrid or EV.

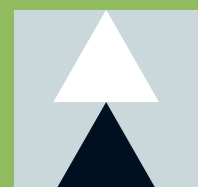


WASTE MANAGEMENT

- ✓ We began separating waste at our office to ensure it is properly processed by our waste management supplier.
- ✓ We've implemented on-site waste separation to ensure optimal processing by our waste suppliers and prioritise suppliers who promote the circular economy e.g. carpet tiles recycling and collect end-of-life appliances, further.

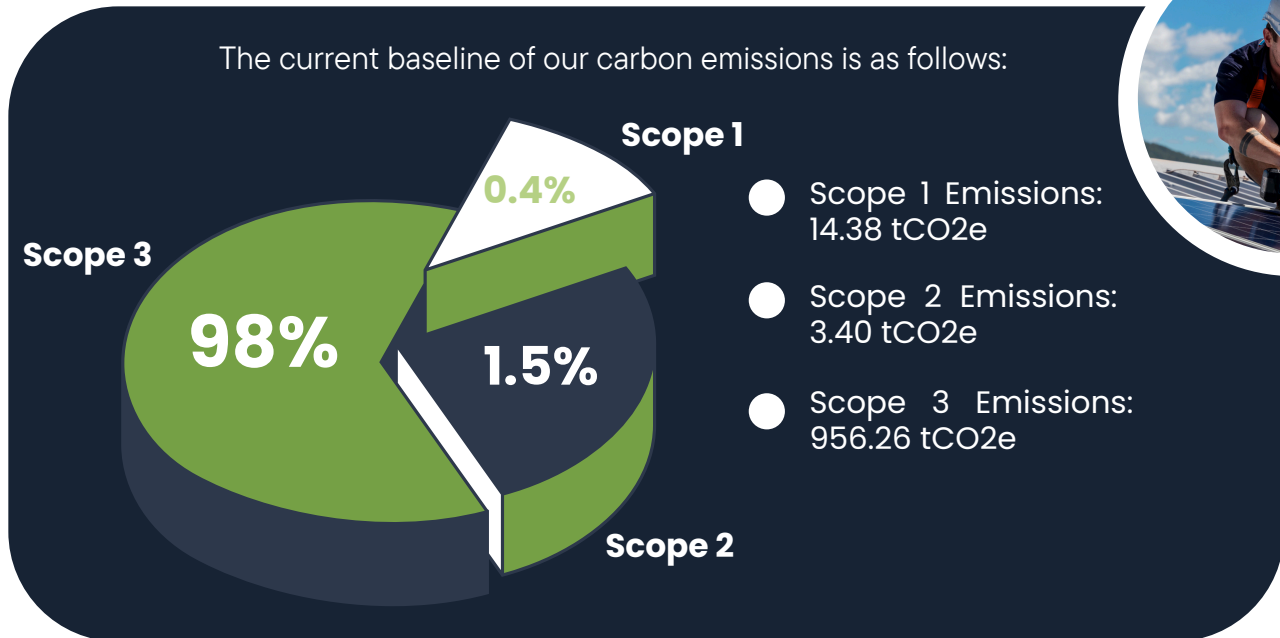
ZERO

Our goal is to continue to achieve zero waste to landfill each year.



Current State of our **CARBON FOOTPRINT**

Our carbon footprint in 2024 has been calculated to include all relevant Scope 1, Scope 2, and Scope 3 emissions categories. A key part of this process involved identifying data gaps, relying on estimations where necessary, and improving our approach by requesting lifecycle assessment (LCA) data directly from suppliers. This has provided a clearer picture of our emissions profile, enabling the development of a more targeted decarbonisation plan.



Our emissions per employee is 41.51 tCO₂e and emissions per £1m of revenue is 125.82tCO₂e.

While we will always try meet our reduction targets, in the event that our total emissions rise due to anticipated business growth and the increase in purchasing materials and services, our decarbonisation efforts will be evident in our reducing intensity ratios. This means that even if our total carbon footprint may increase in some areas, our efficiency in reducing emissions relative to revenue and employee numbers will improve as we decarbonise our operations.

SETTING REDUCTION TARGETS

In the first year of our decarbonisation efforts (2025), we aim to reduce our total carbon emissions by 20 tCO₂e. This reduction will be primarily achieved through a variety of measures aimed at reducing Scope 1 and Scope 3 emissions.

Our decarbonisation objectives are ambitious but achievable. We have set clear reduction targets over the coming years to guide our path toward Net Zero by 2050:



15% overall
reduction by
2035

40% reduction
by
2040

65% reduction
by
2045

DECARBONISATION MEASURES

THIS YEAR



FLEET TRANSITION

Scope 1

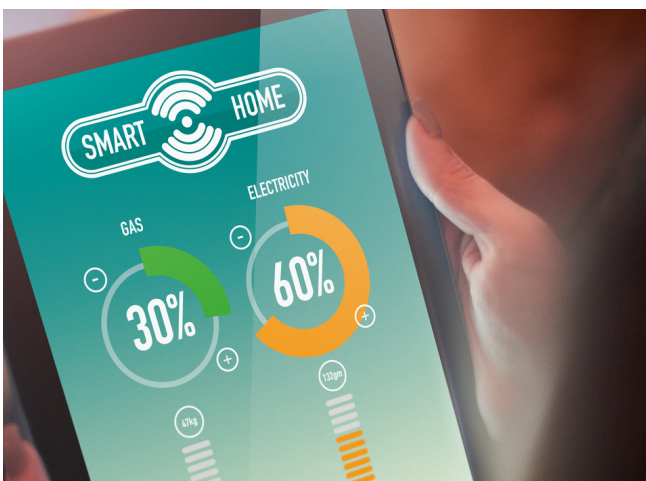
- * Our current focus in reducing Scope 1 emissions is on transitioning more of our fleet to more sustainable vehicles. **Over 50%** of our fleet is now made up of hybrid or electric vehicles (EVs), and we are committed to converting the entire fleet as car leases come up for renewal. We will also monitor vehicle usage closely to ensure optimal efficiency.

% of hybrid or EV

58

Transition Target:

75%



ENERGY CONSUMPTION

Scope 2

- * We plan to switch to LED lighting and installing motion-sensor bathroom lights. Additionally, we'll conduct an appliance audit to identify and replace inefficient equipment when it comes up for renewal.

- * We are also collaborating with our landlord to enhance energy efficiency across the entire estate, including both facility and equipment improvements within our building.

Sensors & thermostat controllers installed on all heating systems.

Targeted reduction:

25%

CARBON REDUCTION PLAN

THIS YEAR

The majority of our emissions come from **Scope 3**, particularly from purchased goods and services, which account for **93%** of our total carbon footprint. Our approach to reducing these emissions includes:



- * We are building relationships with suppliers through **questionnaires** to understand their emissions profiles and identify opportunities for more sustainable products and services, with regular audits to strengthen collaboration.
- * We integrate sustainability by **prioritising lower-carbon alternatives and energy-efficient technologies**.
- * Requesting **Life Cycle Assessments (LCAs)** from our existing and future suppliers to assess environmental impact.
- * **Educate our teams** on reducing procurement of carbon-intensive products and updating finance and data management for more accurate carbon footprint calculations. We continue to adopt **circular economy** principles, encouraging reuse and recycling.
- * We aim to develop long-term partnerships with sustainable suppliers and **incentivise sustainability innovations** with rewards like discounts and long-term contracts.
- * We will prioritise suppliers with recognised **sustainability certifications** (e.g., ISO 14001, B Corp) to ensure alignment with our goals.
- * Work with suppliers to reduce emissions from transport by opting for energy-efficient vehicles and local sourcing to cut transportation distances.



PURCHASED GOODS & SERVICES

Scope 3

Supply chain transparency

TIER 1

Suppliers receiving Questionnaires

100%

CARBON REDUCTION PLAN

THIS YEAR



CONSTRUCTION WASTE

Scope 3

Gain insight into volume of waste-to-landfill by

TONNES

Projects we'll collect waste data for by FYE:

80%

- * We will begin monitoring the waste generated on project sites to gain a clear understanding of our actual waste production. This will enable us to explore and implement sustainable waste management solutions where feasible.
- * We have already begun creating a list of suppliers that help us meet our waste reduction targets.



OFFICE WASTE

Scope 3

- * Remove individual bins from desks to ensure proper waste separation. We'll implement more frequent bin emptying, display posters, and introduce gamification to encourage correct sorting. Additionally, we will track the amount of waste separated and diverted from landfill on our Digital Office Dashboard.
- * Promote a 'paperless office' through posters. We'll raise awareness through consistent engagement with staff.

Performance:

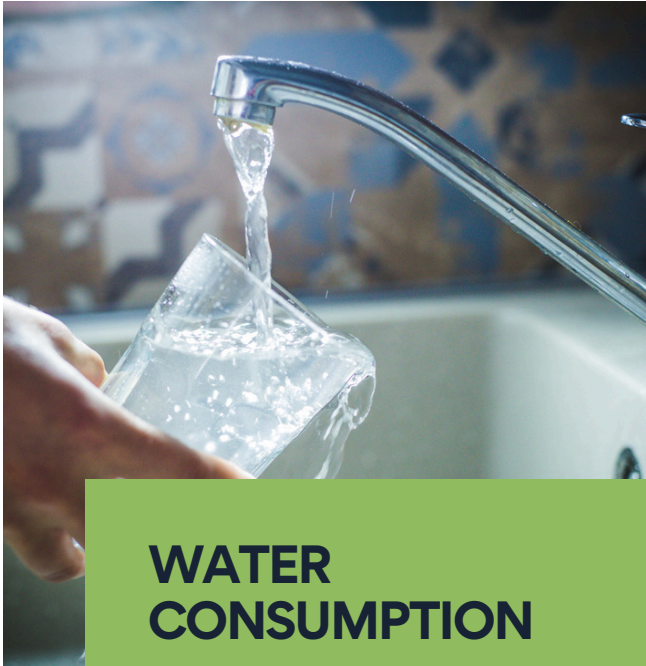
75

Reduction Target:

30%

CARBON REDUCTION PLAN

THIS YEAR



WATER CONSUMPTION

Scope 3

- * In response to the increased awareness of water scarcity, with our landlord, we are exploring the possibilities of low-flow taps and low-flush toilets to be installed in the office restrooms, contributing to reduced water usage.
- * We are exploring other water-saving technologies across all the facilities that we manage like water butts and greywater systems- which will not reduce our own carbon footprint but that of our clients.

No. of low flush devices installed

3

% of taps with low-flow devices

70%



SMART ENERGY MANAGEMENT & INNOVATION

Scope 3

- * We are committed to regularly reviewing and updating our procurement practices to ensure that we are consistently able to pursue the most sustainable options, both environmentally and financially. We aim to recommend the most sustainable alternatives to our clients, helping to reduce both our own emissions and those of our clients.

LCAs collected for purchases

>50%

% of high-impact materials for which alternatives were found:

70%

OUR PLAN FOR RESIDUAL EMISSIONS



GreenLight Group will begin planting a minimum of

10 TREES EACH YEAR

Each 2 years old at the time of planting, they will sequester on average 12kg CO₂ per year.

By 2050, the trees planted would have sequestered approx. 39 tCO₂ already.

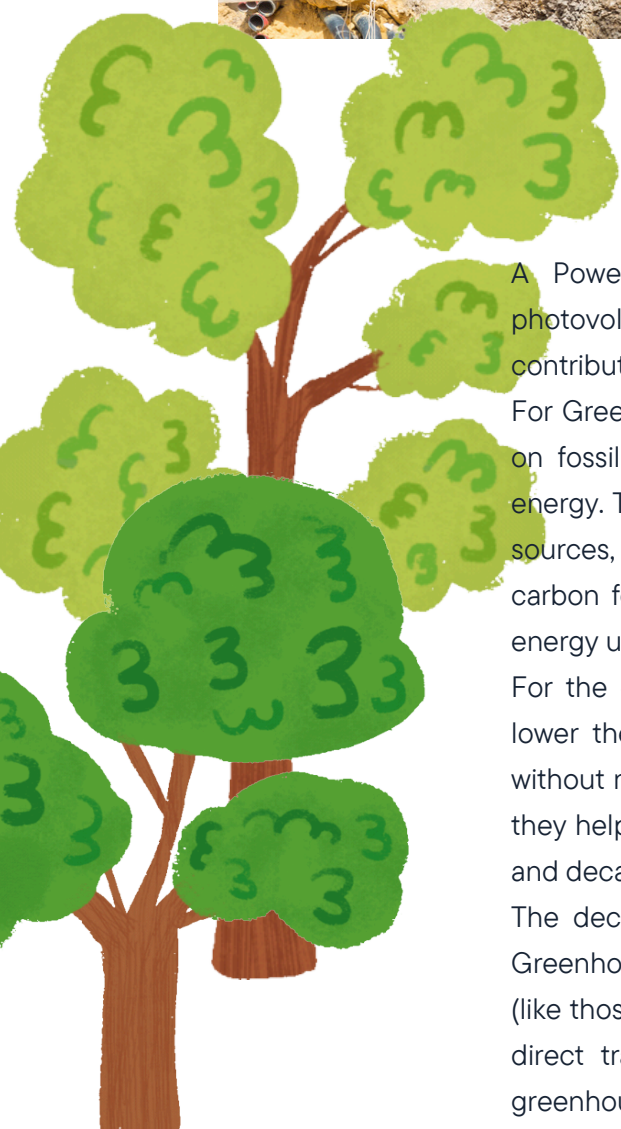
ADDITIONALLY, GREENLIGHT RENEWABLE ENERGY HAS SIGNED ITS FIRST PPA

A Power Purchase Agreement (PPA) where GreenLight installs a solar photovoltaic (PV) system and sells the green energy to a client can significantly contribute to decarbonisation for both GreenLight and the client.

For GreenLight, the PPA supports decarbonisation by directly reducing reliance on fossil fuels, as the installation of solar panels generates clean, renewable energy. The sale of this green energy helps shift away from conventional energy sources, which typically rely on high-carbon emissions, therefore reducing the carbon footprint associated with both GreenLight's operations and the client's energy usage.

For the client, purchasing renewable energy through a PPA enables them to lower their Scope 2 emissions (indirect emissions from purchased electricity) without needing to install their own solar infrastructure. By buying clean energy, they help reduce their carbon emissions and progress toward their sustainability and decarbonisation goals.

The decarbonisation benefit of a PPA is detailed in frameworks such as the Greenhouse Gas Protocol, which highlights how renewable energy purchases (like those through a PPA) can reduce Scope 2 emissions. PPAs facilitate a more direct transition to clean energy and contribute to an overall reduction in greenhouse gas emissions associated with electricity consumption.



MONITORING & CONTROL

* OFFICE DASHBOARD

Annual carbon footprint reporting, along with daily visuals on a large screen in our Head Office, will provide continuous oversight and serve as a constant reminder of our goals and the steps needed to achieve them. We will report our progress on carbon reductions each year, including a detailed report that tracks advancements toward our 2035, 2040, and 2045 targets.

15% overall reduction by **2035**

40% reduction by **2040**

65% reduction by **2045**

* ESG INTEGRATION

We are working with ESG Integration, a specialist ESG consultancy, who has assisted us in calculating our organisational carbon footprint, developing a plan, and will continue to support us in embedding these goals into our operations. Their external expertise and accountability will ensure we stay on track to consistently work towards meeting our targets by the end of the financial year.

* ALLOCATING ACCOUNTABILITY

We will keep all staff informed about our decarbonisation goals and progress through regular updates. The teams responsible for implementing these measures will report back to senior leadership. Our "All Hands" meetings offer a platform for feedback, ensuring ongoing engagement in our sustainability journey. Additionally, our Managing Director (MD) takes senior leadership responsibility, ensuring that decarbonisation initiatives receive the support needed for successful implementation.

By implementing this Decarbonisation Plan, GreenLight will continue to reduce its carbon footprint in line with our long-term sustainability goals (see our sustainability goals). Through a combination of strategic actions, continuous monitoring, and collaboration with our suppliers and clients, we are confident in our ability to contribute to a more sustainable future and meet Net Zero by 2050 latest.

[VISIT OUR ESG PAGE](#)

CONTACT US



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