

CARBON EMISSIONS REDUCTION PLAN

Working Towards Net Zero

1. Aims

In line with the UK Net Zero deadline in 2050, Trinity Fire and Security Ltd will strive to achieve a world-class reputation for carbon management and is committed to using energy in the most efficient, cost-effective and environmentally responsible manner possible. Our efforts to reduce carbon emissions and carbon footprint will also support our commitment to our employees, the environment, and the communities in which we work. The company firmly believes that by managing our resources effectively and efficiently, we can minimise our environmental impact, allowing future generations to enjoy and benefit from the environment.

Determination of annual CO₂e usage is undertaken in line with the PTSG Group's monitoring and maintenance schedule. Data relating to energy usage in the year is collated from external sources and converted using the UK Government's GHG conversion factors, published by the Department for Energy Security and Net Zero, for the relevant reporting period. We adopted the operational control criteria when setting organisational boundaries and used the location-based method to calculate our GHG emissions. Reporting years are aligned to calendar years (which coincides with our financial reporting period). Scope 1 emissions relate to the direct combustion of natural gas and fuels utilised for transportation operations, such as the company vehicle fleet. Scope 2 emissions relate to indirect emissions related to electricity consumption in daily business operations. Scope 3 emissions are a consequence of business activity, which occurs at sources not owned or controlled by the business and are not classed as scope 2 emissions.

Our full Scope 1, 2, and 3 carbon (GHG) footprint for calendar year 2024 was 17,734 tCO₂e:

Scope	Baseline Year (2023) (tCO ₂ e)	Total Emissions in 2024 (tCO ₂ e)	% of Total Carbon Emissions (2024)
Scope 1	582	1,586.3	8.9%
Scope 2	46	53.7	0.3%
Scope 3	16,150	16,093.7	90.8%

2024 Operational Boundary:

Footprint	Scope	Category (scope 3)	Activity	Calculation Types	1st of Jan 2023 to the 31st of Dec 2023 (tCO ₂ e)	1st of Jan 2024 to the 31st of Dec 2024 (tCO ₂ e)	% of Total Carbon Emissions 2024
Direct	1		Company-owned vehicle travel	Activity Data	571.5	1,578.7	8.95%
	1		Natural gas, gas oil, LPG or coal use attributable to company-owned facilities	Activity Data	11.0	7.7	0.04%
	1		Electricity, heat or steam generated on-site	Not Relevant	-	-	-
Indirect	2		On-site Consumption of	Activity	46.3	53.7	0.30%

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			purchased electricity, heat, steam and cooling	Data			
Indirect	3	1	Purchased goods and services	Spend Based and Activity Data	14,802.6	14,795.6	83.43%
	3	2	Capital goods	Spend-Based Data	Included in Scope 3, Category 1	Included in Scope 3, Category 1	Included in Scope 3, Category 1
	3	3	Fuel and energy-related activities (not included in scope 1 or 2)	Activity Data	171.4	466.3	2.63%
	3	4	Upstream transportation and distribution	Spend-Based Data	Included in Scope 3, Category 1	Included in Scope 3, Category 1	Included in Scope 3, Category 1
	3	5	Waste generated in the operation	Spend-Based Data	2.13	0.58	0.00%
	3	6	Business travel (not included in scope 1 or scope 2)	Spend Based and Activity Data	251.0	171.2	0.97%
	3	7	Employee commuting and home working	Activity Data	868.8	607.2	3.42%
	3	8	Upstream leased assets	Spend-Based Data	Included in Scope 3, Category 1	Included in Scope 3, Category 1	Included in Scope 3, Category 1
	3	9	Downstream transportation and distribution	Spend-Based Data	54.3	52.7	0.30%
	3	10	Processing of sold products	Spend-Based Data	Included in Scope 3, Category 1	Included in Scope 3, Category 1	Included in Scope 3, Category 1
	3	11	Use of sold products	Spend-Based Data	Included in Scope 3, Category 1	Included in Scope 3, Category 1	Included in Scope 3, Category 1
	3	12	End-of-life treatment of sold products	Spend-Based Data	Included in Scope 3, Category 1	Included in Scope 3, Category 1	Included in Scope 3, Category 1

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	3	13	Downstream leased assets	Not Relevant	-	-	-
	3	14	Franchises	Not Relevant	-	-	-
	3	15	Investments	Not Relevant	-	-	-

In line with our baseline year (2023), our science-based targets are:

- Reduce our emissions by 50% by 2030
- Reach Net Zero by 2050 (reducing emissions by 403.8 tCO2e every year after 2030)
 - Actual Emissions
 - Targeted Emissions

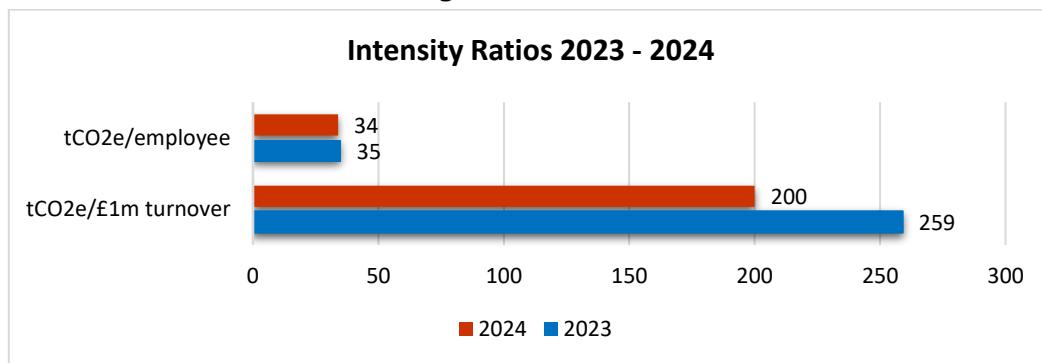


While our turnover grew by 36% from 2023 to 2024, our emissions increased by only 9.8%. This demonstrates a marked improvement in operational efficiency and the effectiveness of our reduction strategies, which is further reflected in our intensity ratios:

	tCO2e/£1m turnover	tCO2e/employee
2023	259	35
2024	200	34

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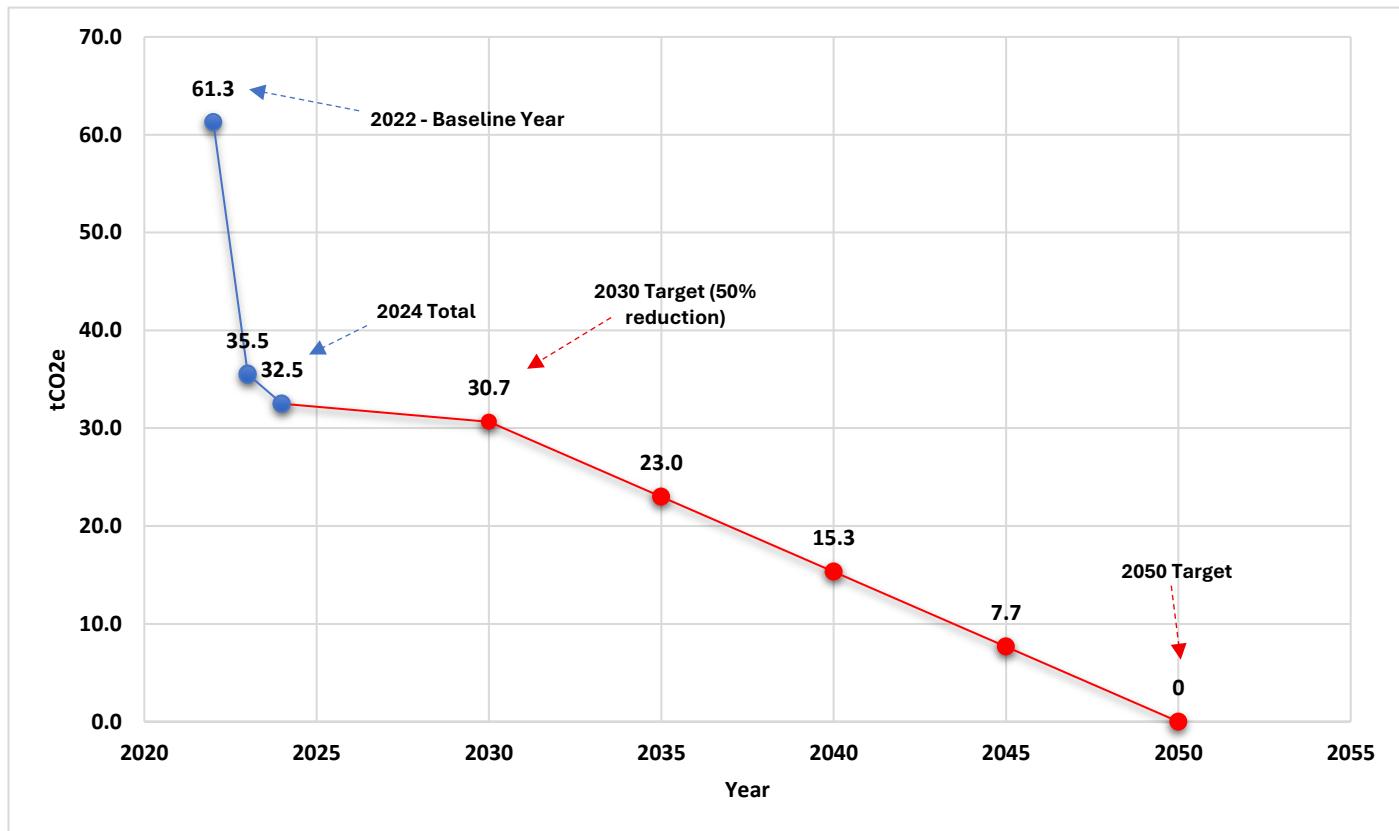
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Trinity Fire & Security Systems Ltd. (Heathrow Operations):

We have been working with True Solutions Consulting Ltd. for three years to reduce our Heathrow emissions by 50% by 2030, compared to the Heathrow operations 2022 baseline:

- Actual Emissions
- Targeted Emissions



This graph illustrates our progress in achieving our science-based target emissions, with a 47% reduction in emissions from 2022 to 2024 for our Heathrow operations.

With the same commitment, we aim to replicate this success and reduce our company's emissions by 50% by 2030 compared to our 2023 baseline, to reach Net Zero by 2050.

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2. 2024 Uncertainty and Materiality Assessment

Due to 2024 being the company's second reporting year for the whole company, the accuracy of data and data collection can now be improved using an Uncertainty and Materiality Assessment:

Footprint	Scope	Category (scope 3)	Activity	Calculation Types	Accuracy	Materiality	Uncertainty	Error Margin (tCO2e)
Direct	1		Company-owned vehicle travel	Spend-Based Data	Medium	Medium (5-20%)	10%	158
	1		Natural gas, gas oil, LPG or coal use attributable to company-owned facilities	Activity Data	High	Very Low (>1%)	5%	0.4
Indirect	2		On-site Consumption of purchased electricity, heat, steam and cooling	Activity Data	Medium	Very Low (>1%)	20%	11
Indirect	3	1	Purchased goods and services	Spend-Based Data	Medium	Very High (<40%)	30%	4,439
	3	2	Capital goods	Spend-Based Data	Medium	Very High (<40%)	30%	Included in Scope 3 Category 1 above
	3	3	Fuel and energy-related activities (not included in scope 1 or 2)	Activity Data	Medium	Low (1-5%)	20%	93
	3	4	Upstream transportation and distribution	Spend-Based Data	Medium	Very High (<40%)	30%	Included in Scope 3 Category 1 above
	3	5	Waste generated in operation	Spend-Based Data	High	Very Low (>1%)	5%	0.03
	3	6	Business travel (not included in scope 1 or scope 2)	Spend-Based Data	High	Low (1-5%)	20%	34
	3	7	Employee commuting and home working	Activity Data	Medium	Low (1-5%)	10%	61
	3	8	Upstream leased assets	Spend-Based Data	Medium	Very High (<40%)	30%	Included in Scope 3 Category 1 above
	3	9	Downstream transportation and distribution	Spend-Based Data	Medium	Very Low (>1%)	30%	16

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	3	10	Processing of sold products	Spend-Based Data	Medium	Very High (<40%)	30%	Included in Scope 3 Category 1 above
	3	11	Use of sold products	Spend-Based Data	Medium	Very High (<40%)	30%	Included in Scope 3 Category 1 above
	3	12	End-of-life treatment of sold products	Spend-Based Data	Medium	Very High (<40%)	30%	Included in Scope 3 Category 1 above
							+/- 22%	+/- 4,812

The above colour-coded assessment highlights key data areas that require focus to improve data quality. By improving the quality of the data used to calculate the company's carbon (GHG) footprint, we will enhance the accuracy of our emissions and reduce the error margin for measuring carbon (GHG) reductions.

For the 2024 period, the following improvements were made to the methodology:

- Actual litres figures were used this year, from the reporting period. Emissions from lubricants and diesel oils were also accounted for in the fuel monthly reports.
- A new energy benchmark was used this year, which was based on consumption from other Trinity offices where meter readings were present. Electric vehicle mileage was reported for the period.
- Grey fleet mileage for each employee's vehicle was recorded this year. Grey fleet vehicles were REG checked, and car size and fuel types were noted and used.
- Other business travel spend was accurately separated this year (train, air, hotel, etc. expenses), with the inclusion of taxi and ferry spend.
- Methodology for employee commuting was improved this year, utilising the latest government statistics. This also includes an estimated number of employees who commute to work on foot, by car, or by public transportation.

Trinity Fire and Security Ltd. has set future data improvement goals to improve the materiality of future carbon (GHG) footprints over the next 1-5 years:

Scope	Category (Scope 3)	Activity	Short Term Goals (1-2 years)	Medium Term Goals (next 2-5 years)	Longer Term Goals (5+ years)
1		Company-owned vehicle travel	Start documenting mileage or litres consumed for the reporting period.	Start documenting the vehicle and fuel types of vehicles used within the reporting period.	
1		Natural gas, gas oil, LPG or coal use attributable to company-owned facilities	Gather verifiable evidence, e.g. monthly gas bills of offices, and do monthly readings.		

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2		On-site Consumption of purchased electricity, heat, steam and cooling	Gather verifiable evidence, e.g. monthly electricity bills in all offices, and do monthly electricity readings.	Work with the office landlords to increase the number of meters on site.	Be able to measure the actual electricity and gas consumption of buildings that Trinity occupies.
3	1	Purchased goods and services	Expand the top vendors represented to the top 100 suppliers. Start communicating with suppliers regarding scope 3 emissions. Gather verifiable evidence for water, e.g. bills, invoices.	Expand the top vendors represented to the top 200 suppliers. Work with suppliers to calculate estimated emissions. Work with the office landlords to increase the number of water meters on site.	Expand the top vendors represented to all suppliers. Start documenting specific numbers and types of purchased goods/services brought. Move away from spend-based data completely.
3	2	Capital goods	Expand the top vendors represented to the top 100 suppliers. Start communicating with suppliers regarding scope 3 emissions .	Expand the top vendors represented to the top 200 suppliers. Start documenting specific numbers and types of capital goods brought. Work with suppliers to calculate estimated emissions.	Expand the top vendors represented to all suppliers. Move away from spend-based data completely.
3	3	Fuel and energy-related activities (not included in scope 1 or 2)	Gather verifiable evidence, e.g. monthly bills, and take monthly energy readings. Start documenting mileage completed for the reporting period.	Work with the office landlords to increase the number of meters on site. Start documenting the car and fuel types of vehicles used within the reporting period.	Be able to measure the actual electricity and gas consumption of buildings that Trinity occupies.
3	4	Upstream transportation and distribution	Expand the top vendors represented to the top 100 suppliers. Start communicating with suppliers regarding scope 3 emissions.	Expand the top vendors represented to the top 200 suppliers. Begin to distinguish between upstream transportation and distribution costs and other expenditures.	Expand the top vendors represented to all suppliers. Work with suppliers to calculate upstream transportation and distribution emissions.
3	5	Waste generated in the operation	Gather verifiable evidence for water, e.g. bills, invoices.	Work with the office landlords to increase the number of water meters on site.	
3	6	Business travel (not included in scope 1 or scope 2)	Start to document expense claims for air travel, rail travel, grey fleet, and hotel stays separately.	Start documenting rental car mileage. Start documenting grey fleet mileage. Start documenting where employees are travelling, regarding air and rail travel.	Start documenting rental car types (i.e. fuel type and size) Start documenting grey fleet vehicle types (i.e. fuel type and size). Start documenting the type of air and rail travel, i.e. business class, first class.

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3	7	Employee commuting and home working	Start surveying employees on commuting. Start surveying employees on home and hybrid working.	Include the employee's car size and fuel type for commuting. Calculate accurate figures for the number of employees who work at home for the reporting period.	
3	8	Upstream leased assets	Expand the top vendors represented to the top 100 suppliers. Start communicating with suppliers regarding scope 3 emissions.	Expand the top vendors represented to the top 200 suppliers. Separate upstream leased assets from other expenses. Work with suppliers to calculate estimated emissions.	Expand the top vendors represented to all suppliers. Move away from spend-based data completely.
3	9	Downstream transportation and distribution	Expand the top vendors represented to the top 100 suppliers. Start communicating with suppliers regarding scope 3 emissions .	Expand the top vendors represented to the top 200 suppliers. Work with suppliers to calculate estimated emissions.	Move away from spend-based data completely.
3	12	End-of-life treatment of sold products	Start communicating with suppliers regarding scope 3 emissions .	Work with suppliers to calculate estimated emissions.	Move away from spend-based data completely.

Further to improving the accuracy of the data used to calculate our carbon (GHG) footprints, we are also combining this work with multiple reduction strategies:

3. Reducing energy used in the operation of buildings

We are taking the following actions to reduce the amount of carbon-sourced energy used to run our premises:

- Setting objectives for a reduction in our carbon emissions and regularly reviewing our progress.
- Safeguarding the achieved reductions by continually monitoring performance indicators.
- Undertaking regular internal energy audits annually.
- Raising the awareness of employees on energy conservation matters.
- Sharing arrangements/objectives/performance with interested third parties
- Consideration to building improvements in conjunction with landlord responsibilities:
 - Installing additional insulation within attic spaces.
 - Draught proofing of windows and exterior doors.
 - Installing solar thermal heating.
 - Installing photo-voltaic panels.

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- Increasing energy-efficient lighting
- Upgrading lighting controls
- upgrading single glazing to double glazed units
- Closing buildings earlier in the evening
- Replacing old boilers/machinery/refrigerators with more energy efficient models
- Installing voltage power optimisation equipment
- Purchasing energy supplies and other utilities with regard to both economic cost and the environmental impact of the supplier
- Using combined heat and power plants
- evaluating the energy rating of a new premises as a key criterion
- having energy consumption data available for all buildings
- Reviewing routine maintenance, including major replacements against an energy efficiency checklist to ensure that opportunities to switch fuels, install controls or improve thermal standards, etc. are taken
- Benchmarking all new construction against the BREEAM standards - see <http://www.breeam.org>
- Ensuring equipment purchasing policies consider energy consumption for the purchase of all items of equipment and are fully compliant with current best practice
- considering new technologies such as renewable energy, high efficiency motors, etc. where appropriate.

Further details of these initiatives and their contribution to our emissions reduction target are detailed in our Aspects and Impacts document IMS 13 and our environmental and sustainability policies (IMS 05 & IMS 12)

4. Reducing carbon emissions used for travel

We are taking the following actions to reduce carbon emissions associated with business travel: (amend and add to this list as applicable)

- Raising employee awareness of energy conservation matters
- Increasing the use of telephone and video conferencing (Microsoft Teams Meetings)
- Using technology for remote monitoring
- Switching to low carbon emission vehicles where reasonably practicable
- Increasing the use of public transport (e.g. London Underground)
- Scheduling meetings at locations which are readily accessible by public transport
- Mileage targets and measuring progress against those targets (Fleetmatics)

Further details of these initiatives and their contribution to our emissions reduction target are detailed in our Aspects and Impacts document IMS 13 and our environmental and sustainability policies (IMS 05 & IMS 12)

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5. Reducing the carbon emissions impact of our products, services and business activities

We are taking the following actions to reduce carbon emissions arising from our products, services and business activities:

- Raising employee awareness of energy conservation matters.
- Including sustainability and the consideration of carbon impact in our procurement process
- Reducing waste
- Reducing the use of treated water
- Actively seeking ways that waste can be re-used
- Recycling waste (Zero to Landfill)
- Offering more energy-efficient options to our customers and promoting the benefit of those options to increase the proportion of sales.

Further details of these initiatives and their contribution to our emissions reduction target are detailed in our Aspects and Impacts document IMS 13 and our environmental and sustainability policies (IMS 05 & IMS 12)

6. Funding

The following sources of funding have been identified:

(interest-free loan schemes, grants etc.)

7. Implementation

The Divisional Managing Director is responsible for ensuring that this plan is implemented (Trinity).

The SHEQ Manager is responsible for day-to-day co-ordination of the carbon reduction strategy (Trinity).

The Health & Safety Director (PTSG) is responsible for PTSG Group companies.

All staff and contractors are jointly responsible for implementing energy-saving procedures. We will ensure that staff are made aware of our strategy at recruitment and provide regular updates and awareness campaigns throughout the year. Staff will be encouraged to make suggestions to reduce our carbon emissions. Managers will supervise to ensure that our policy and procedures for energy management are effectively implemented.

8. Measurement, reporting and monitoring

The Net Zero Strategy Team is responsible for producing a report on a 6 monthly basis which will be submitted to the Trinity Board and Senior Management Team (As defined by the ISO Management Review Meeting).

The report will summarise the carbon emissions to date since the baseline date, review progress made towards our target, identify whether or not we are on target to meet our goal, highlight any new challenges and describe the action required to meet our plan going forward.

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	Scope 1	Scope 2	Scope 3
Carbon emission reporting scopes	All direct emissions from company owned or controlled sources (fuel combustion)	Indirect emissions from the generation of company purchased electricity, steam, heat or cooling (energy production)	All other indirect emissions from company activities, occurring from sources that they do not own or control.
Examples	<ul style="list-style-type: none"> • Diesel for plant and machinery • Fuel for company owned vehicles • Fugitive emissions (gases from pressurised equipment due to unintended or irregular releases mostly from industrial activities) e.g. leaks 	<ul style="list-style-type: none"> • Office/yard/ manufacturing plant electricity or gas consumption 	<ul style="list-style-type: none"> • Business travel • Employee commuting • Transportation and distribution • Waste disposal • Water consumption • Use and processing of sold products

Summary of current projects

We aim to continue to measure and monitor our full carbon (GHG) footprint emissions for the reporting period of 2025.



Steve Spill
SHEQ Director
29th September 2025