

Risktec Solutions Ltd Carbon Reduction Plan

Supplier name: Risktec Solutions Ltd
Publication date: 28.02.2023

Commitment to achieving Net Zero

Risktec solutions Ltd is committed to achieving Net Zero emissions by 2050. This Plan sets out Risktec's carbon footprint and our emissions reduction targets to achieve net zero.

Baseline Emissions Footprint

Baseline emissions are a record of the greenhouse gases that have been produced in the past and were produced prior to the introduction of any strategies to reduce emissions. Baseline emissions are the reference point against which emissions reduction can be measured.

Baseline Year: 1st January 2020 to 31st December 2020

Additional Details relating to the Baseline Emissions calculations.

Risktec started measuring some of its scope 3 emissions (business travel) in 2020 (UK) so it has been selected as the baseline year.

This Carbon Reduction Plan has been produced to reflect the nature of Risktec's commercial operations. We are a supplier of professional services, which are predominantly desk based producing reports and associated assessments.

Categories 3 (Fuel & Energy related emissions not included in scope 1 or 2) and 6 (Business Travel) have been included as part of the Scope 3 emissions. The radiative forcing factor from air travel has been taken into consideration.

Emissions from hire cars have not been included in Category 6 emissions figures as expenses claims have only measured the cost of fuel and not the actual fuel consumption.

Other categories of have not been included due to a lack of reliable data. In future we hope to include other scope 3 sources so that we can more effectively measure our upstream and downstream emissions to enable us to make reductions. However as a supplier of professional services, business travel is the predominant source of scope 3 emissions for our company, so focusing on Category 6 emissions is appropriate.

Baseline year emissions:	
EMISSIONS	TOTAL (tCO₂e)
Scope 1	(Risktec does not use combustible fuels for heating) Scope 1 Total: 0.00
Scope 2	Electricity usage in Risktec Controlled Facilities: 18.98 Scope 2 Total: 18.98
Scope 3 (Included Sources)	Category 3 (Fuel & Energy related emissions not included in scope 1 or 2) : 1.63 Category 6 (Business Travel) : 63.72 Scope 3 Total: 65.35
Total Emissions	84.33

Current Emissions Reporting

Reporting Year: January 1 st 2022 to December 31 st 2022	
EMISSIONS	TOTAL (tCO ₂ e)
Scope 1	(Risktec does not use combustible fuels for heating) Scope 1 Total: 0.00
Scope 2	Electricity usage in Risktec Controlled Facilities: 28.91 Scope 2 Total: 28.91
Scope 3	Category 3 (Fuel & Energy related emissions not included in scope 1 or 2) : 2.65 Category 6 (Business Travel) : 99.48 Scope 3 Total: 102.13
Total Em issions	131.04

Baseline emissions were taken during 2020 when, due to the Covid-19 pandemic, lower electricity usage was recorded due to employees working from home. Additionally, there was a significant reduction in business travel due to restrictions on domestic and international air travel. These considerations, plus an increase in the number of employees, explains the increase in emissions from 2020 to 2022.

Emissions reduction targets

The TÜV Rheinland Group, which includes Risktec Solutions Ltd, have set an ambitious goal. By 2025, TÜV Rheinland aims to reduce direct and indirect CO₂ emissions by at least 29.4% compared to 2018 and also to reduce emissions caused by upstream and downstream activities by 17.5%. In addition, TÜV Rheinland aims to become climate neutral by 2028.

In order to progress to achieving net zero, Risktec has committed to calculate emissions from hire cars for Category 6 emissions by 2025, to help better monitor and control our carbon footprint.

Completed Carbon Reduction Initiatives

Over the past few years we have implemented the following measures to reduce carbon emissions across our value chain:

- Implemented a hybrid working arrangement for employees allowing employees to work from home. This has reduced carbon emissions produced from employees commuting.
- Supported the use of Microsoft Teams and Business Skype to reduce the frequency of in person meetings and thus reduce emissions from business travel.
- Worked with office landlords to minimise our energy consumption.
- Supported employees through the cycle to work scheme.
- Established an electric car scheme for employees, to lease and use electric vehicles and thus reduce their emissions from travel.
- Worked with EDF Energy, our largest client in terms of revenue, to help safely produce low carbon energy at nuclear power stations across the UK.
- Helped support new build nuclear power stations, for example EDF Energy Hinkley Point C which will produce low carbon power.
- Expanded our clean energy division at Risktec to provide support for several renewable energy projects.

Future Carbon Reduction Initiatives

To help us reduce carbon emissions in the future we are planning several new initiatives:

- Encourage landlords to provide secure cycling storage facilities and electric vehicle charging points at all Risktec offices to reduce emissions from commuting
- Encourage staff to send and store files electronically to reduce paper usage with a target reduction of 10% of paper per full time employee by the end of 2023.
- Challenge clients over making visits to site to help reduce carbon emissions from business travel
- Investigate encouraging employees to hire electric vehicles for business travel
- Investigate the use of carbon offsetting schemes to offset our direct and indirect emissions
- Attempt to increase the volume of business that Risktec does in clean energy projects.
- Improve monitoring of our carbon footprint to help reduce climate emissions through our supply chain.
- Support Small Modular Reactor projects become a viable source of low carbon electricity which will help reduce the UK's reliance on high carbon energy sources.

Declaration and Sign Off

This Carbon Reduction Plan has been completed in accordance with PPN 06/21 and associated guidance and reporting standard for Carbon Reduction Plans.

Emissions have been reported and recorded in accordance with the published reporting standard for Carbon Reduction Plans and the GHG Reporting Protocol corporate standard¹ and uses the appropriate Government emission conversion factors for greenhouse Gas Company reporting².

Scope 1 and Scope 2 emissions have been reported in accordance with SECR requirements, and the required subset of Scope 3 emissions have been reported in accordance with the published reporting standard for Carbon Reduction Plans and the Corporate Value Chain (Scope 3) Standard³.

This Carbon Reduction Plan has been reviewed and signed off by the board of directors (or equivalent management body).

Signed on behalf of Risktec Solutions Ltd:


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Martin Fairclough,
Managing Director of Risktec Solutions Ltd

Date: ...28.02.2023.....

¹<https://ghgprotocol.org/corporate-standard>

²<https://www.gov.uk/government/collections/government-conversion-factors-for-company-reporting>

³<https://ghgprotocol.org/standards/scope-3-standard>