

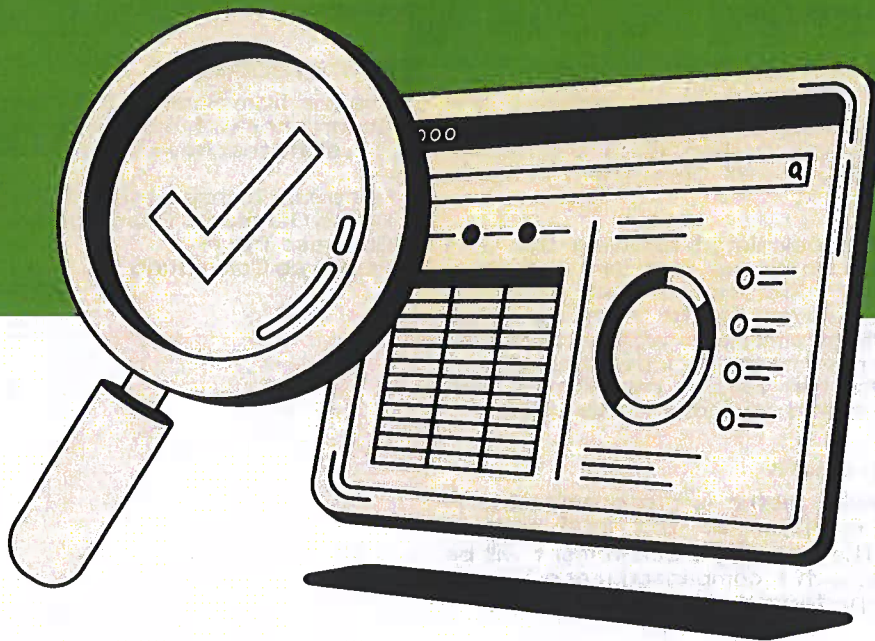
Carbon Reduction Plan

Ansaldo Nuclear UK

Report Period: January 2025 - December 2025

Report Date: 26-06-2026

Powered By:  pulse
not zero software



trident

This report has been produced by **Trident Utilities Ltd** using Pulse Net Zero accounting platform for **Ansaldo Nuclear UK**.

Company Overview

Ansaldo Nuclear UK Ltd is a subsidiary of Ansaldo Energia, an Italian multinational company specialising in power generation equipment and services. The UK branch is a key player in the nuclear energy sector, offering engineering, manufacturing, and project management services. Operating primarily from its base in Wolverhampton, Ansaldo Nuclear UK provides support across the nuclear lifecycle including design, new build, life extension, decommissioning, and waste management.

Reporting Period

January 2025 - December 2025

Net Zero Commitment Date

2050

Benchmark Year

January 2023 - December 2023

Reporting Boundary

Operational

Qualification & Reporting Methodology

This report has been created following the Environmental Reporting Guidelines: including Streamlined Energy and Carbon Reporting (SECR) requirements issued by the UK Government in March 2019.

Emissions have been calculated following the GHG Reporting Protocol - Corporate Standard and using the UK Government Greenhouse Gas Reporting Conversion Factors relevant to the reporting period where available. Where emissions, without published conversion factors have been used, these have been determined by Pulse Net Zero in consultation with relevant stakeholders and any industry standards.

Optional Scope

Emissions from Scope 1 & 2 have been measured in accordance with SECR requirements. The Scope 3 emissions that have been included are:

- Upstream Transportation & Distribution
- Waste Generated From Operations
- Business Travel
- Employee Commuting

Intensity Measurement

The reported intensity metric is gross emissions in tonnes CO₂e per Employee as this best reflects business activity. The intensity measurement will be reported each year, with a comparison made against the previous year's performance.

Emissions Summary

Emissions (tonnes CO ₂ e)	Baseline Year - 2023	Reporting Year - 2025
Scope 1	35.3	38.7
Gas (Company Facilities)	24.4	24.1
Fuels (Company Facilities)	3.4	2.2
Cars (Company Vehicles)	5.6	2.4
Vans (Company Vehicles)	1.9	9.9
Scope 2	223.9	179.6
Electricity (Purchased Energy)	223.9	179.6
Scope 3	659.8	800.0
Upstream Transportation & Distribution	176.7	380.0
Waste Generated From Operations	6.5	1.5
Business Travel	138.9	49.0
Employee Commuting	337.7	369.5
Downstream Transportation & Distribution	N/A	N/A
Total Emissions	919.1	1,018.3

*N/A - Not applicable, CNR - Category not reporting

Baseline Emissions

The baseline year is January 2023 - December 2023.

The baseline year emissions represent the amount of greenhouse gases that would have been emitted under a 12-month business-as-usual scenario. The baseline is the reference point for Ansaldo Nuclear UK to both measure and manage their greenhouse gas emissions going forward.

Ansaldo Nuclear UK will recalculate the baseline year if any substantial organisational change or restructuring occurs.

The total emissions for the baseline year are 919.1 tonnes CO₂e with 71.79% arising from Scope 3.

Current Emissions Reporting

Ansaldo Nuclear UK's carbon emissions for the reporting year January 2025 - December 2025 amounted to 1,018.3 tonnes CO₂e.

Methodology

Scope 1 and 2 greenhouse gas emissions have been calculated using the Environmental Reporting Guidelines: including Streamlined Energy and Carbon Reporting (SECR) Requirements issued by the UK Government in March 2019. Emissions have been calculated using the UK Government Greenhouse Gas Reporting Conversion Factors relevant to the reporting period. Scope 2 emissions have been calculated using the location-based approach.

Scope 3 emissions have been calculated following the methodologies detailed in the Greenhouse Gas Protocol Technical Guidance for Calculating Scope 3 Emissions.

Where available, emission factors were sourced from the annual Greenhouse gas reporting: conversion factors from the Department for Energy Security and Net Zero and Department for Business, Energy & Industrial Strategy. Where a spend-based methodology was used, emission factors were sourced from the UK Government "Conversion factors kgCO₂ per £ spent, by SIC code".

The CO₂e emission factor has been utilised throughout.

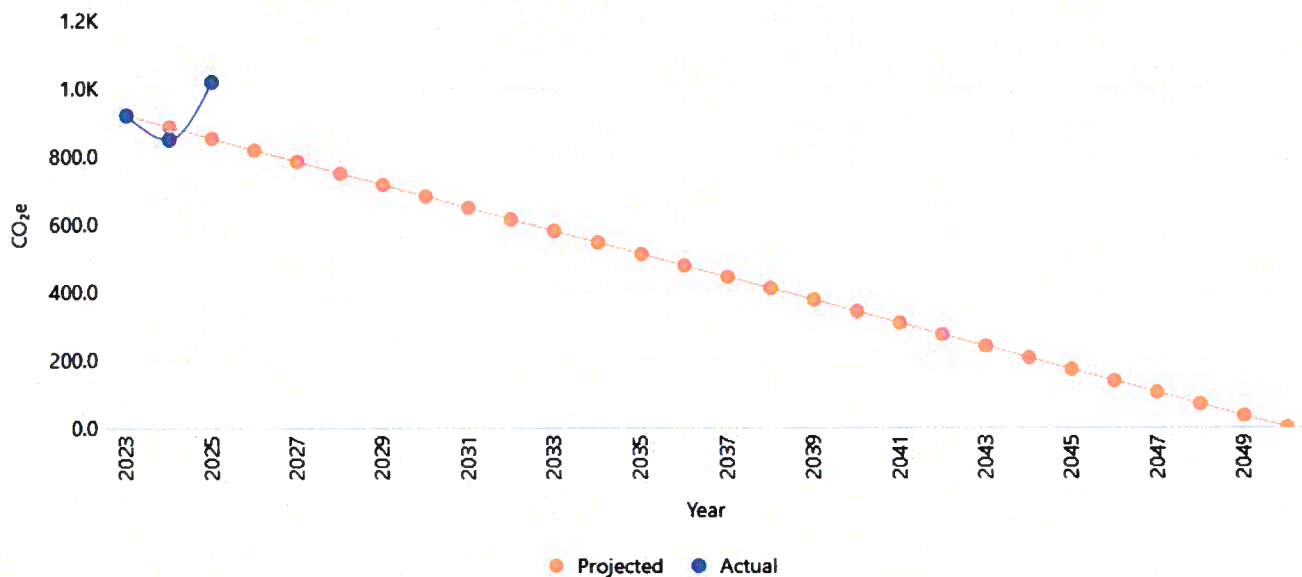
Emissions since base year have increased due to improving data collection, particularly around Scope 3 - Category 4. Data is now gathered from all suppliers at activity level. Historically, a spend-based methodology has been used.

Emissions Reduction Targets

In order to continue progress to achieving Net Zero, Ansaldo Nuclear UK have adopted the following carbon reduction targets.

Ansaldo Nuclear UK is committed to achieving Net Zero emissions by 2050.

Carbon Reduction: Projected vs. Actual



Carbon Reduction Projects

Ansaldo Nuclear UK aim to implement the following energy and carbon saving measures in the following year:

- Conduct ESOS Phase 4 compliant energy efficiency audits at our facilities by an ESOS Lead Assessor. Any efficiency opportunities identified will be reviewed by the leadership team and considered for implementation.

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 standard and uses the appropriate Government emission conversion factors for greenhouse gas company reporting.

Scope 1 and Scope 2 emissions have been reported in accordance with SECR requirement, 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) Standard.

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

Signed on behalf of the Ansaldo Nuclear UK:

Name: KASON BAKA

Position: MANAGING DIRECTOR

Signed: 

Date: 30/07/24

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