



NMNTI CARBON MANAGEMENT REDUCTION PLAN 2023

Net Zero Target by 2050

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REPUBLIC PLAZA



NMNTI CARBON MANAGEMENT REDUCTION PLAN 2022 – 2023

Commitment to Achieving the Government's Net Zero 2050 Target Goal

New Millennium Nuclear Technologies International, Incorporated (NMNTI) is committed to achieving Net Zero emissions by 2050 (Scope 1 and Scope 2). An initial baseline assessment of *NMNTI's* Greenhouse Gas (GHG) inventory for scope 1 and 2 emissions are provided for 2019 below, accounting for **21.825 tCO₂e** in the 2022 calendar year. *NMNTI* follows the principles of the GHG Protocol Corporate Accounting and Reporting Standard to calculate Scope 1, 2 and 3 emissions from our worldwide, international nuclear characterisation operations. *NMNTI* is vigorously pursuing and taking effective measures to reduce our Greenhouse Gas emissions. Please be aware that the *NMNTI's* Net Zero Carbon operation by 2030 target includes green science and technology-orientated initiatives for scope one and scope two (business-based). *NMNTI* has a separate operational pledge to maintain travel-related carbon emissions (Scope 3) below 50% of our baseline year, including commuting and business travel. An annual emissions report for the 2022 calendar year compared to 2019 baseline calculated scope 1 and scope 2 emission figures for 2019 is provided below. *NMNTI's* goal to reducing annual scope 1 and 2 Greenhouse Gas emissions by 20.0% by 2025, and by 55% by 2035 from the 2019 base year. From this 2019 baseline, emission targets are set with a uniform direct reduction methodology, equal to a minimum of 5% annual carbon emissions reduction spanning a thirty year period to accomplish the Net Zero target goal by 2050. The five year period 2020 to 2025 establishes the time span for our carbon reduction plan and lays out *NMNTI's* scheme to accomplish our provisional carbon reduction target.



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Publication date: 5th May 2023

NMNTI EMISSIONS FOOTPRINT 2022 to 2023

The *NMNTI* baseline 2019 emissions Scope 1 and Scope 2 is a record of the greenhouse gases that were produced in the 2019 to 2020 reporting period and were produced prior to the introduction of any strategies to reduce *NMNTI's* emissions. *NMNTI's* 2019 baseline emissions are the reference point against which emissions reduction targets and goals are measured for 2023.

Baseline year emissions: 2022/23 (May to April)	
EMISSIONS	TOTAL (tCO₂e)
Scope 1	21.800
Scope 2	0.025 (market based)
Scope 3 (Included Sources)	Not calculated or reported Scope 3 emissions as relates to <i>NMNTI</i> business travel and <i>NMNTI</i> commuting undertaken by staff and colleagues, emissions from company staff and colleagues working from home, operational waste and the extraction and distribution of all emissions sources.
Total Emissions	21.825 tCO₂e

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 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) Standard.

This Carbon Reduction Plan has been reviewed and signed off by the Managing Director (or equivalent management body).

Signed on behalf of the Supplier:

A handwritten signature in black ink is written over a dark red rectangular redaction box. The signature is cursive and appears to read 'Grant Charters'. The redaction box is positioned over the name of the signatory.

Grant Charters

Managing Director, *NMNTI* Business Date: 5th May 2023