



SUSTAINABILITY ACTION

Our NHS Our People Our Planet

NHS Scotland Net-Zero Update

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NHS Scotland

Climate Emergency & Sustainability Strategy

2022-2026

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Overview

1. NHS Net-Zero Targets
2. Heat and Power
3. Fleet
4. Medical Gases
5. Inhaler Propellant
6. Supply chain

NHS

NHS
SCOTLAND

2040 Net-Zero target

Emissions Source	tCO2e
Heat and Power	403,000
Inhaler propellant	76,000
Fleet	21,000
Medical Gases	19,000
Business travel	17,000
Waste disposal	8000
F-Gases	2000
Water	1000
Total	547,000

2045 Net Zero Target

Maximise our contribution to Scotland and our supply chain achieving net-zero emissions by 2045.

Emissions Source	tCO2e
Supply chain	1.2 million
Staff commuting	?
Patient and visitor travel	?

2040 Target – Heat and Power

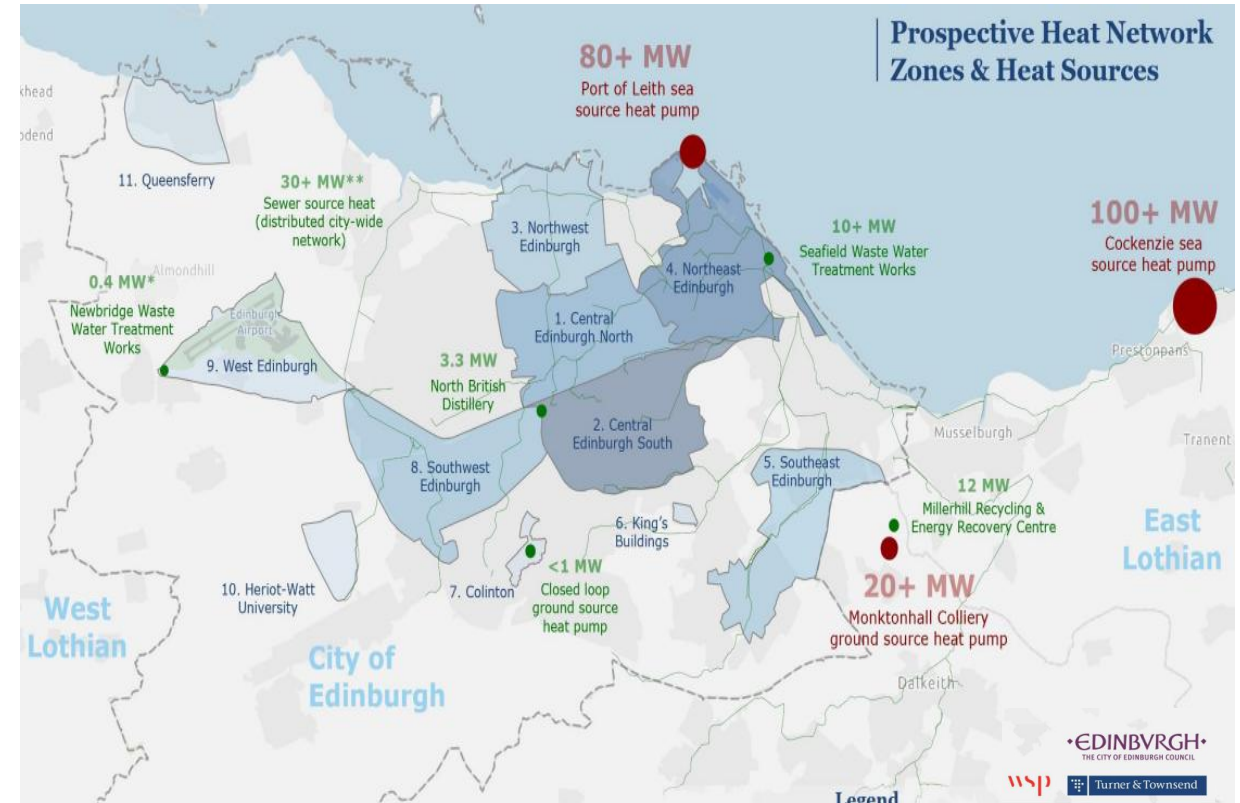
Heat and Power

2023/24 to 2024/25

- Electricity use down 5%
- Fossil fuel use down 1%
- Emissions down 1.7%

NHS Sites

- Top 10 sites - 45% of emissions
- Top 20 - 61% of emissions
- Top 30 - 70% of emissions
- The other 877 – 30% of emissions



Current progress

- Funding - £10 million this year
- Detailed planning for major sites
- Funding plans for 26/27 - due January



Power Purchase Agreements

- Throughout 2025 – Prior Information Notices for Private Wire PPAs
- August – Dynamic Purchasing System for Corporate PPAs launched



2040 Target –Fleet

Fleet

As of April 2025:

- 55% of NHS cars are electric
- 35% of NHS vans are electric
- Over 1700 electric vehicles in total



Fleet – notable successes

Orkney – 100% electric fleet

Ayrshire & Arran – 94% electric car fleet

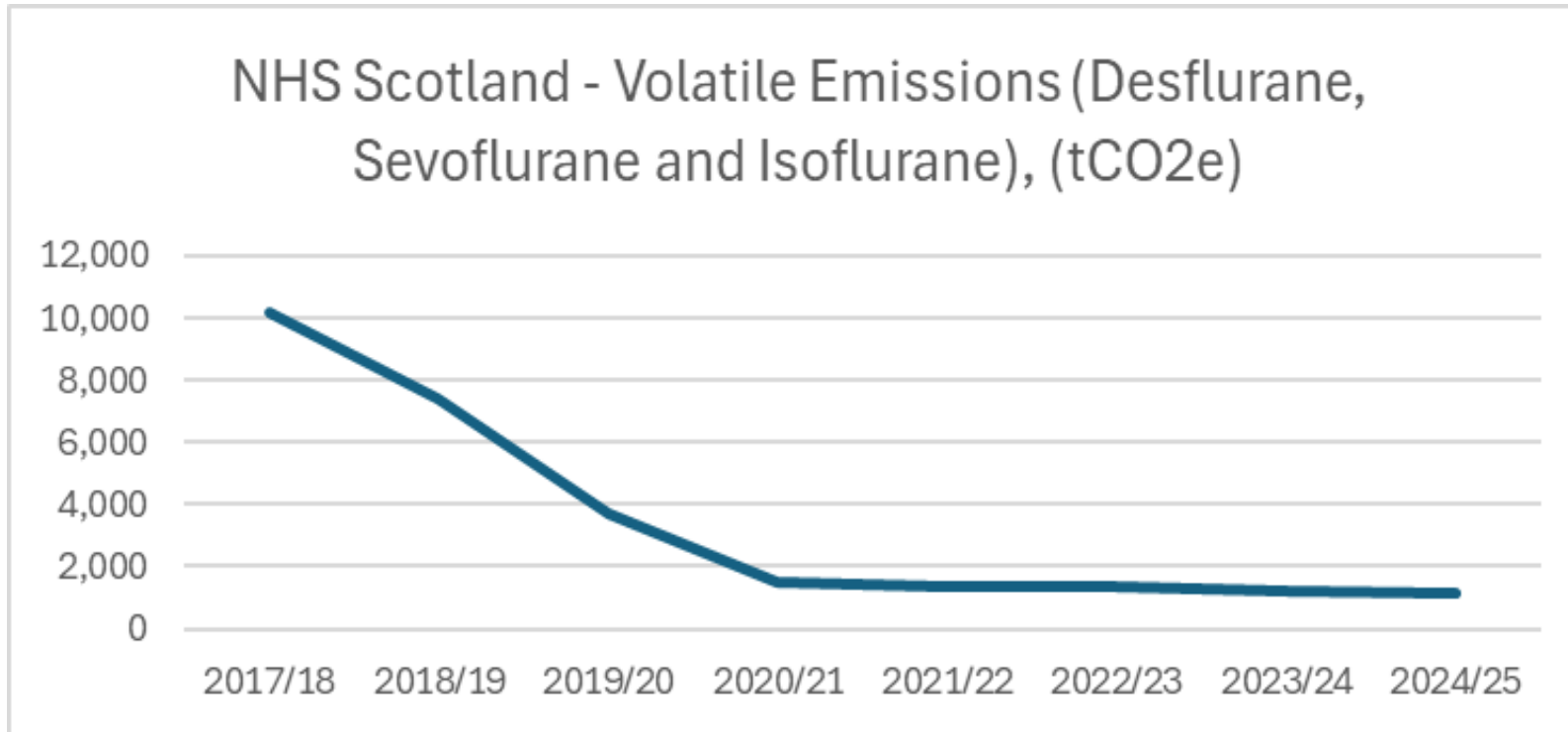
Forth Valley – 91% electric cars & 78% electric vans (72)

Lanarkshire – 93% electric vans

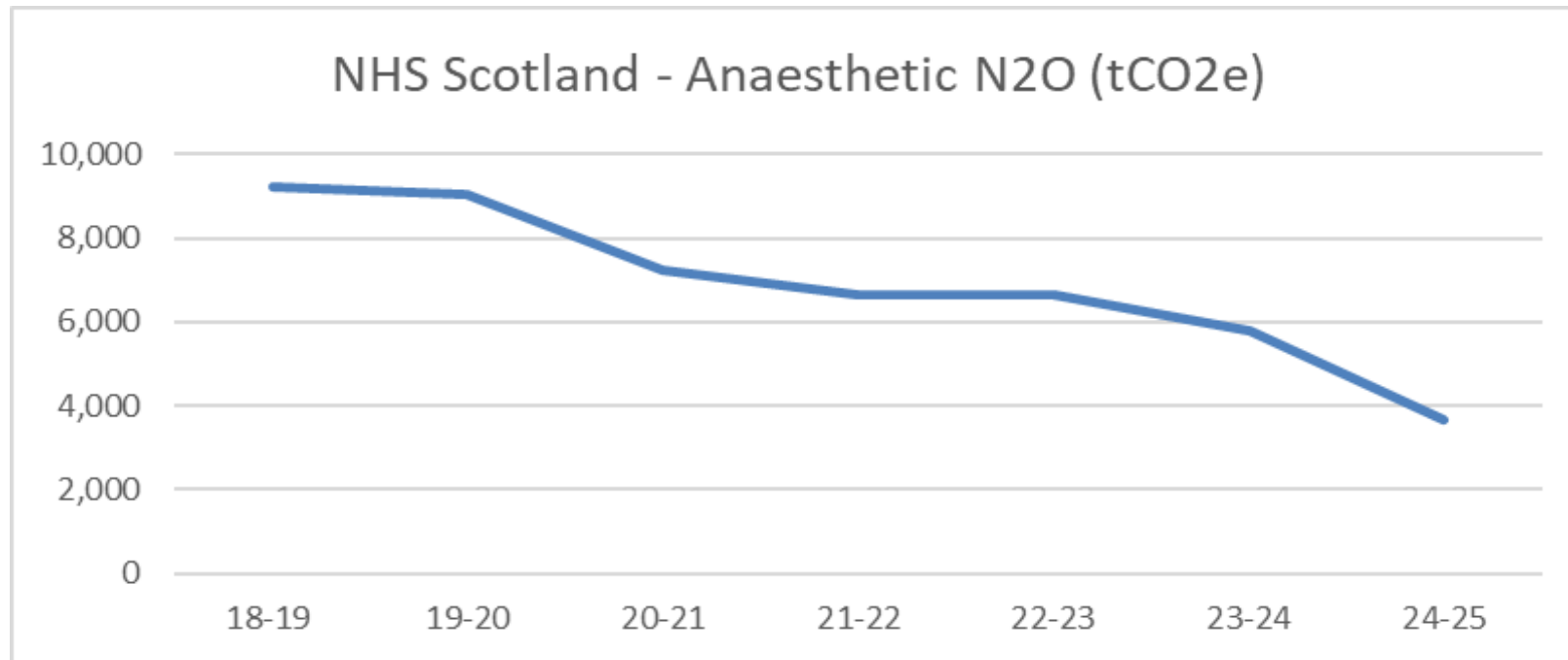
Shetland – 95% electric cars

2040 Target – Medical Gases

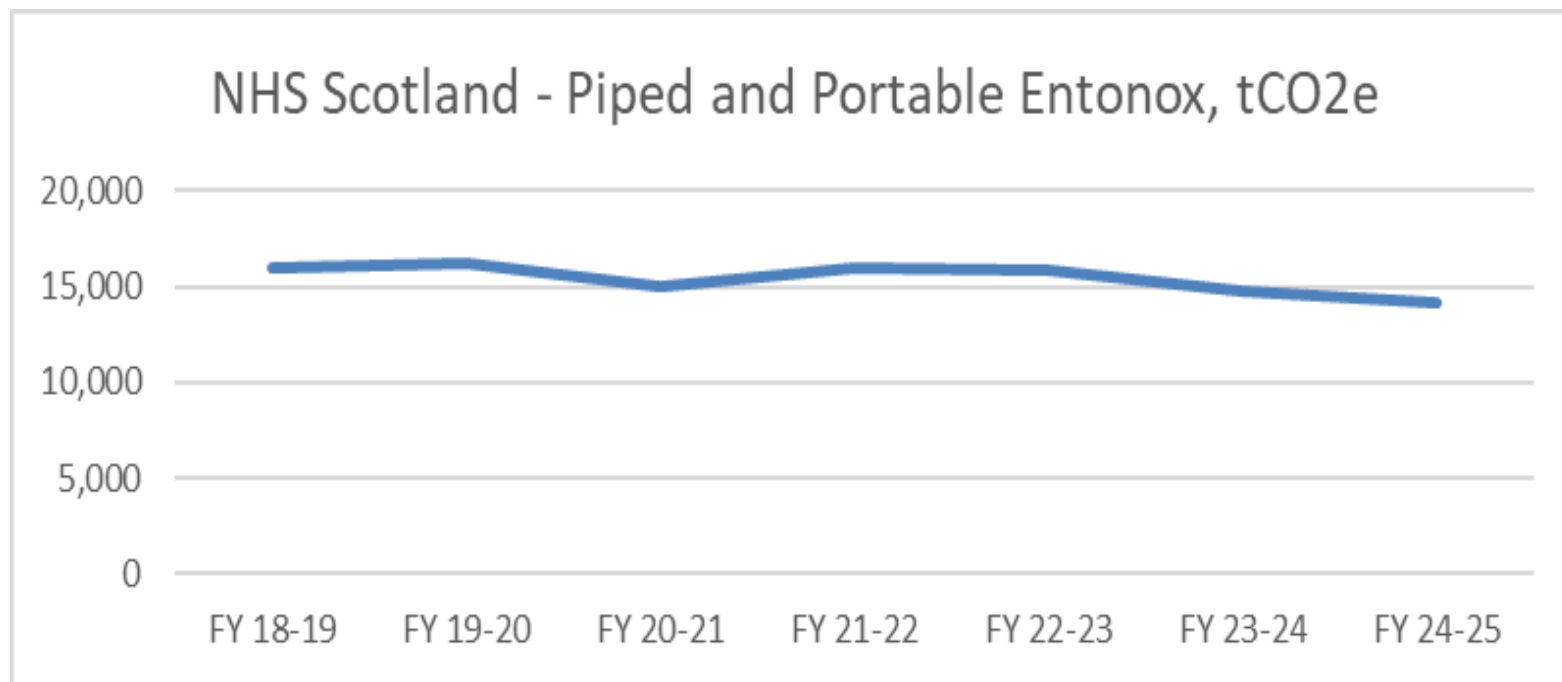
Medical gases - Volatiles



Medical gases – Anaesthetic N2O



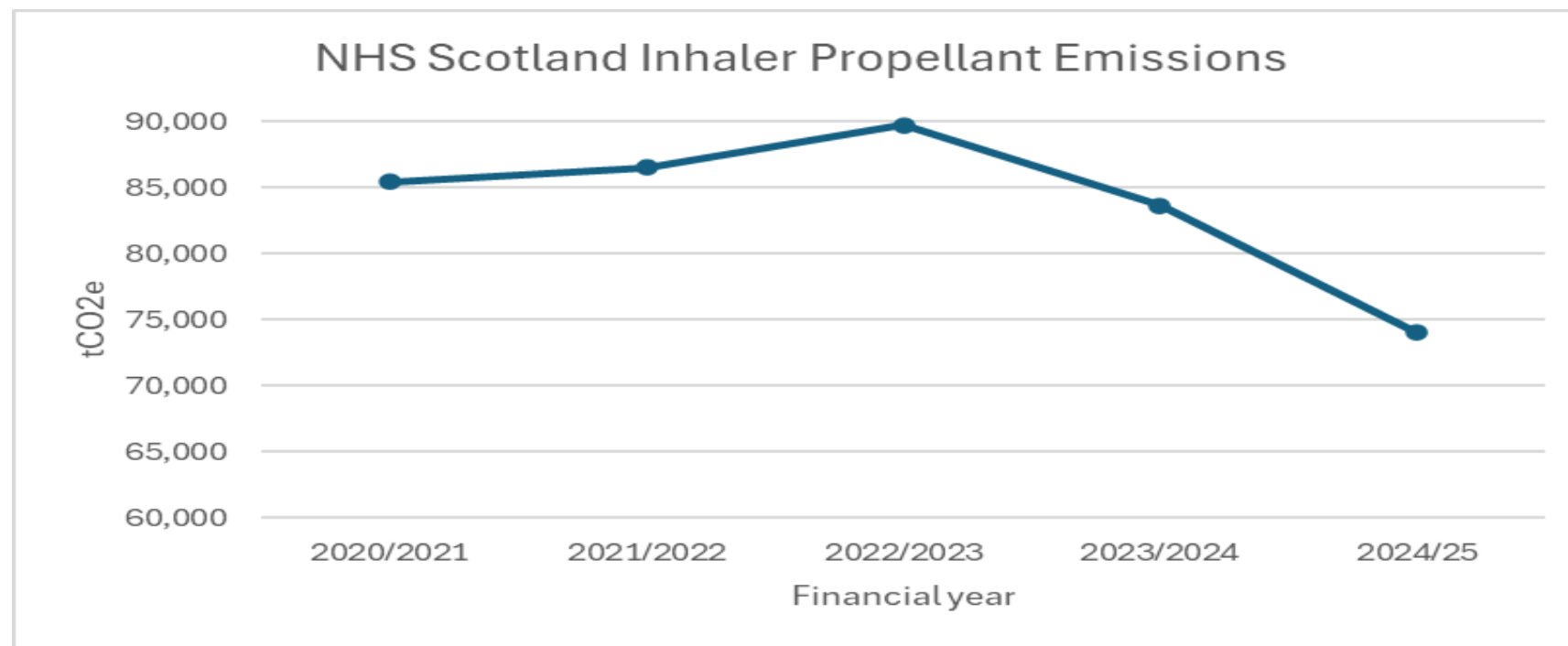
Medical gases - Entonox



2040 Target – Inhaler Propellant

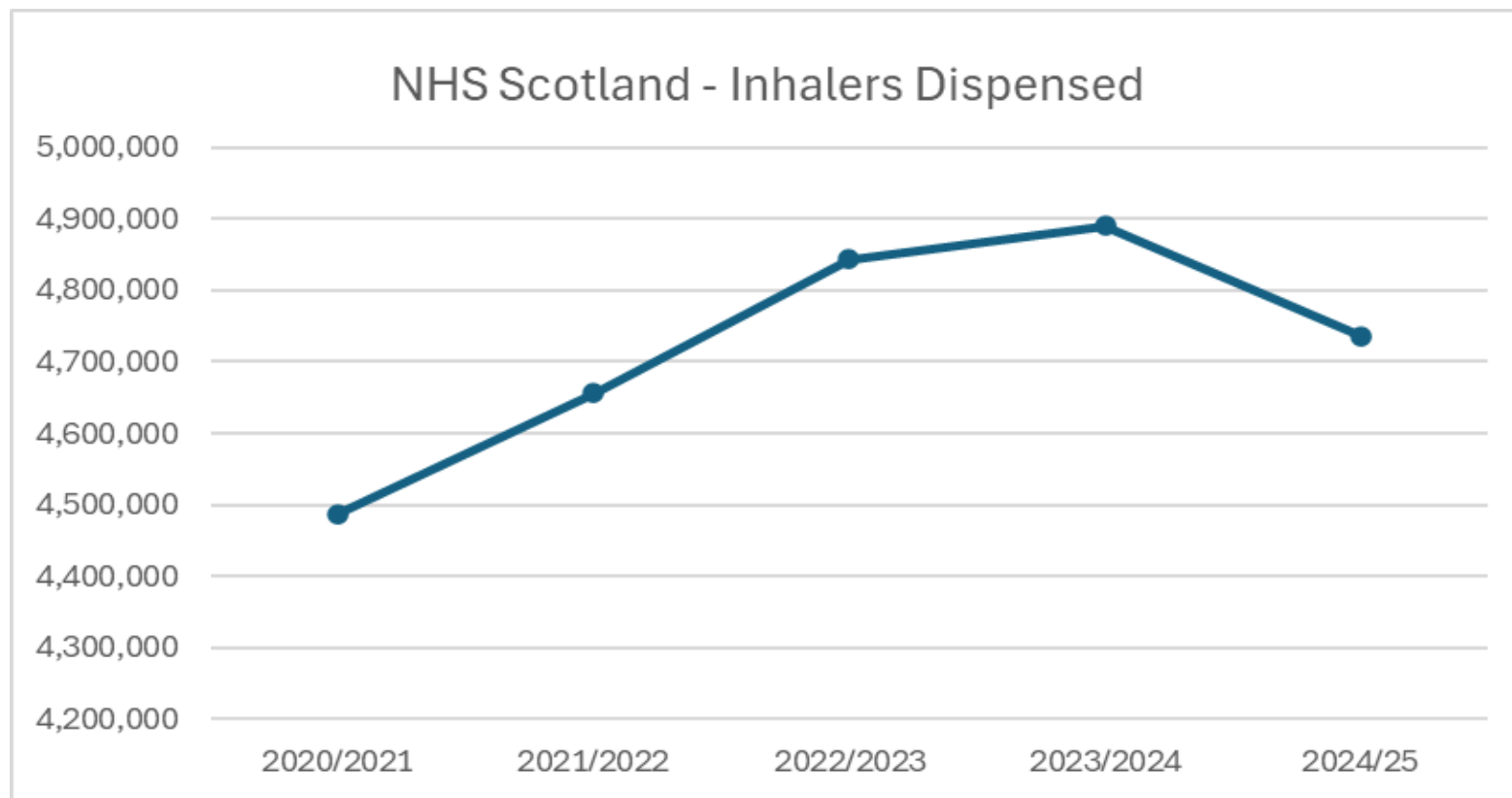


Propellant Emissions



5% more inhalers being prescribed

Number of inhalers



Propellant Emissions

- NHS focus – better treatment of asthma
- Autumn 2025 - first new generation low GWP pMDI inhalers brought to market

2045 Target – Supply Chain

Supply Chain Emissions - NHS



Supply Chain Emissions - Suppliers

Net Zero plans for all strategic suppliers

All aspects of sustainability considered in national tenders

**Success breeds
success**

NHS Orkney

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