

CARBON REDUCTION PLAN

Acorn Diagnostics Limited

Company number 13580139

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Table of Contents

- 1. Commitment to Achieve Net Zero by 2050**
- 2. About Our Organisation**
- 3. Current Carbon Emission Sources**
- 4. Carbon Reduction Targets**
- 5. Planned Carbon Reduction Initiatives**
 - a. Energy and Facilities**
 - b. Transport and Travel**
 - c. Waste Management**
 - d. Procurement and Supply Chain**
 - e. IT and Digital Transformation**
 - f. Community and Behavioural Change**
- 6. Monitoring and Reporting**
- 7. Declaration and Approval**

1. Commitment to Achieve Net Zero by 2050

Acorn Diagnostics Limited trading as Acorn Private Clinic recognises the urgent need to act on climate change and supports the Welsh Government's *Towards Zero Waste* and *One Wales: One Planet* commitments.

We are fully committed to achieving Net Zero greenhouse gas emissions by 2050 across all our operations.

2. About Our Organisation

We are a healthcare provider offering diagnostic and clinical services, including:

- Ultrasound (USG) and MRI diagnostics
- General practice (GP) consultations
- Joint injections and minor procedures
- Preventive and wellness care

Our activities take place across two locations in South Wales:

- **Head Office:** 13 Washington Buildings, Stanwell Road, Penarth CF64 2AD
- **Branch Clinic:** 10 High Street, Cowbridge, CF71 7AG

We currently employ 5 to 6 staff.

We operate one Maxius Van for clinical logistics, use electricity at both premises, and rely on minimal IT infrastructure (one laptop and one main reception computer).

There is no air travel or significant staff commuting.

3. Current Carbon Emission Sources

Since direct measurements have not yet been undertaken, our **baseline** has been calculated using **NHS/BEIS emission averages** for small healthcare providers.

Our estimated emissions cover the following scopes:

Sco pe	Source Description	Examples	Current Baseline (estimated using
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			NHS/BEIS averages)
Scope 1	Direct emissions	Company van fuel use	~1.5 tCO ₂ e/year
Scope 2	Indirect emissions from purchased energy	Electricity for lighting, equipment, and IT	~3.0 tCO ₂ e/year
Scope 3	Other indirect emissions	Waste disposal, supplier deliveries, staff commuting, purchased materials	~2.0 tCO ₂ e/year

Estimated total baseline (2025): approximately **6.5 tCO₂e/year**

This will be refined through direct measurement and supplier data collection in future years.

4. Carbon Reduction Targets

Our pathway to Net Zero aligns with the Welsh Government's *Towards Zero Waste 2025 / 2050* milestones and NHS guidance.

Target Year	Goal	Expected Reduction
2025	Establish carbon baseline and implement key reduction measures	-10 % vs 2025 baseline

2030	Source 100 % renewable electricity, reduce transport emissions through EV transition	-35 % vs 2025 baseline
2040	Low-carbon facilities, near-zero waste operations, full digital workflows	-75 % vs 2025 baseline
2050	Net Zero achieved	-100 % vs 2025 baseline

5. Planned Carbon Reduction Initiatives

Our reduction plan is guided by the *waste hierarchy* and the *One Wales: One Planet* sustainability principles, focusing on prevention, reuse, recycling, and responsible consumption.

a. Energy and Facilities

We will:

- Switch to 100 % renewable electricity suppliers by 2030.
- Install LED lighting and smart controls across both clinics.
- Maintain energy-efficient heating and encourage responsible usage by staff.
- Regularly review energy bills to track and reduce kWh consumption.

b. Transport and Travel

We will:

- Replace the existing fleet van with an electric or hybrid vehicle by 2030.
- Encourage remote consultations (telemedicine) to reduce patient travel.
- Promote car-sharing, walking, or cycling for short staff commutes.

c. Waste Management

We will:

- Adopt a zero-to-landfill policy by 2035.
- Partner with certified medical waste recycling services.
- Separate recyclable materials (paper, plastics, metals) at both clinics.
- Digitise patient records to minimise paper use.

d. Procurement and Supply Chain

We will:

- Prefer local and sustainable suppliers wherever feasible.
- Request low-carbon products and recyclable packaging.
- Engage with suppliers to track and reduce embodied emissions.

e. IT and Digital Transformation

We will:

- Continue using energy-efficient laptops and screens.
- Move towards cloud-based storage powered by renewable energy data centres.
- Encourage digital communication instead of printing.

f. Community and Behavioural Change

We will:

- Conduct staff awareness sessions on energy saving and waste segregation.
- Promote patient engagement through information on sustainable healthcare practices.
- Support local sustainability initiatives in Penarth and Cowbridge communities.

6. Monitoring and Reporting

We will:

- Establish a carbon tracking template by 2026, using BEIS emission factors.
- Do annual reviews will assess electricity use, waste generation, and transport data.
- Try our best to publish Progress annually on our website and update it every 12 months.
- Do adjustments to the initiatives in response to measured outcomes.

7. Declaration and Approval

This Carbon Reduction Plan has been reviewed and approved by the management of Acorn Diagnostics Limited trading as Acorn Private Clinic.

We confirm that the information reported is accurate and that the organisation is committed to achieving Net Zero Carbon by 2050, consistent with UK Government and NHS Wales targets.

Signed:

Dr Syed Ehtasham Junaid

Director, Acorn Diagnostics Limited

Date: 3 October 2025