**Fervid Healthcare Ltd Carbon Reduction Plan**

**1. Our Commitment to Net Zero**

Fervid Healthcare Limited is resolutely committed to achieving Net Zero carbon emissions, integrating sustainability at the core of our organisational values and operational blueprint. We have set ambitious yet achievable targets: Net Zero for Scope 1 and 2 emissions by 2040 and Scope 3 by 2045, fully aligned with Delivering a Net Zero Health Service (NHS, 2020), the Lancashire and South Cumbria ICS Green Plan, and HM Government’s Procurement Policy Note (PPN) 06/21.

This Carbon Reduction Plan outlines precise, evidence-based interventions across the domiciliary and community healthcare landscape, driving measurable emissions reductions and ensuring our model of care remains safe, compliant, and future-ready. We align rigorously with CQC Fundamental Standards, particularly Regulations 12 and 15, which underpin the safety and environmental integrity of care environments.

Recognising climate change as a pressing public health emergency, we approach sustainability as both a moral imperative and a professional obligation. From frontline delivery and digital transformation to procurement and culture, decarbonisation is embedded across our operations. We conduct formal emissions reviews biannually, maintaining trajectory to halve our carbon footprint by 2030 and deliver smarter, safer, and greener care.

### CQC Fundamental Standards

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| **Legislation** | **Details** |
| Regulation 12: Safe Care and Treatment | Providers must assess the risks to people's health and safety during any care or treatment and make sure that staff have the qualifications, competence, skills and experience to keep people safe.  |
| Regulation 15: Premises and Equipment | Premises for the delivery of care and treatment are clean, suitable for the intended purpose, maintained, and where required, appropriately located, and the equipment that is used to deliver care and treatment is clean, suitable for the intended purpose, maintained, stored securely and used properly.  |

**Key Questions, Quality Statements and I Statements**

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| **Key Questions** | **I Statements** | **How this applies to Carbon Monoxide Reduction Policy** |
| ***Safe***Safe environments | I feel safe and am supported to understand and manage any risks, | Fervid Healthcare is committed to maintaining robust strategies for dealing with and preventing CO poisoning and its associated risks. |
| ***Well-led***Capable, compassionate and inclusive leaders | Fervid Healthcare has clear lines of responsibility regarding the safety of its premises, equipment and the response if an incident occurs or is at risk of occurring. |

**2. Baseline Emissions Footprint**

Baseline Year: 2022/23 – measured using GHG Protocol Corporate Standard

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| **Scope** | **Description** | **Emissions (tCO₂e)** |
| Scope 1 | Direct emissions – fleet fuel use | 10.8 |
| Scope 2 | Indirect emissions – purchased electricity | 6.4 |
| Scope 3 | Indirect emissions – supply chain, IT, travel | 15.2 |
| **Total** |  | **32.4** |

Our baseline captures the full operational footprint—from mobile care delivery and office energy use to digital systems, consumables, and waste—across domiciliary and integrated neighbourhood models.

**3. Current Emissions Reporting**

*Reporting Year: 2023/24*

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| **Scope** | **Description** | **Emissions (tCO₂e)** |
| Scope 1 | Transition to hybrid fleet | 6.3 |
| Scope 2 | 100% renewable electricity | 2.1 |
| Scope 3 | Local sourcing, remote work, low-carbon IT | 9.8 |
| **Total** |  | **18.2** |

**Year-on-Year Reduction (Baseline vs Current):**

* Scope 1: ↓ 41.7%
* Scope 2: ↓ 67.2%
* Scope 3: ↓ 35.5%
* **Total Absolute Reduction: 44%**

These reductions validate our strategy—delivering low-carbon care while enhancing compliance, operational efficiency, and care quality.

**4. Emissions Reduction Targets**

Our roadmap is designed to exceed NHS, ICS, and government sustainability ambitions, with milestones tailored to the needs of community healthcare and domiciliary care services:

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| **Target Timeline** | **Reduction Goal** | **Strategic Alignment** |
| 2024–2026 | Electrify 75% of fleet; embed digital-first care; 10% travel reduction | NHS Net Zero, ICS Green Plan |
| 2026–2030 | Achieve Net Zero in Scopes 1 & 2; 50% low-emission fleet | NHS Long-Term Plan, PPN 06/21 |
| 2030–2040 | 100% Net Zero in Scopes 1 & 2; 70% Scope 3 reduction | NHS Carbon Footprint Plus |
| By 2030 | Net Zero across domiciliary services | CQC Safe and Well-led Standards |

**5. Carbon Reduction Projects and Action Plan**

Our emissions reduction projects are not auxiliary—they are integral to our clinical model, ensuring sustainability underpins the way we deliver care.

**A. Travel and Transport**

* 80% of fleet now hybrid; full EV transition secured by 2026
* Route optimisation using CM2000 and RoundSys has cut mileage by 28% in Skelmersdale (Q3 2024)
* Workforce carbon budgeting encourages walking, cycling, and public transport

**B. Digital Transformation**

* SystmOne, CM2000, and Liquidlogic hosted on low-carbon cloud infrastructure
* Fully paperless HR, rotas, and care records
* Virtual MDTs and remote triage cut travel-related emissions by 65%

**C. Energy Efficiency**

* All sites powered by 100% renewable energy
* Smart thermostats, LED lighting, and motion sensors installed
* Field Supervisors conduct monthly “Energy Walkarounds” to eliminate waste

**D. Procurement and Supplies**

* Contracts prioritise local, low-carbon suppliers
* Reusable or biodegradable PPE implemented where safe
* Bulk procurement strategies reduce deliveries and packaging waste

**E. Waste and Circular Economy**

* Frontline kits redesigned to eliminate single-use plastics
* “Reuse Stations” for IT and office supplies rolled out across all sites
* Waste minimisation embedded in training, audits, and QA processes

**F. Staff Engagement and Green Culture**

* Mandatory climate literacy modules in induction and CPD
* “Green Champions” appointed in each neighbourhood team
* Training mapped to NHS Greener Strategy, ISO 14001, and CQC Well-led Key Line of Enquiry

**Estimated Annual Carbon Savings:**

* Travel: ~4.5 tCO₂e
* Buildings: ~2.3 tCO₂e
* Digital: ~3.1 tCO₂e

**6. Governance and Reporting**

Sustainability governance is integrated into our leadership and performance frameworks:

* **Board Sponsor**: Donald Machiri (Registered Manager)
* **Operational Lead**: Mildred Musarurwa (Deputy & QA Manager)
* **Green Health Leadership Group**: Meets bimonthly to monitor delivery
* **DPO Oversight**: Ensures secure, sustainable IT infrastructure

**Monitoring & Reporting:**

* **Quarterly**: Internal performance dashboards and ICS-level reports
* **Annually**: Public report aligned to SECR, PPN 06/21
* **Tools**: NHS SAM, ERIC returns, real-time KPIs via QA Dashboard

Carbon reduction metrics are linked to our Quality Assurance Framework, ensuring continuous visibility and accountability across all functions.

**7. Policy and Strategic Alignment**

This plan aligns with all relevant policy drivers and statutory obligations:

* **NHS Net Zero Supplier Roadmap** – Embedded into procurement contracts
* **Greener NHS Strategy** – Low-carbon principles within clinical pathways
* **ICS Green Plan** – Fully aligned with regional objectives
* **PPN 06/21** – Reporting exceeds all mandated thresholds
* **ISO 14001** – Applied across training, audits, and operational compliance

We further reflect this alignment through the CQC Key Questions and “I” Statements:

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| **Key Question** | **I Statement** | **Application** |
| **Safe** | “I feel safe and am supported to manage risks.” | Rigorous CO2 controls, safe premises, and reduced emissions exposure |
| **Well-led** | “Capable, compassionate and inclusive leaders.” | Sustainability roles, defined responsibilities, and staff empowerment |

**8. Risks and Opportunities**

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| **Risk** | **Mitigation** |
| Delay in sourcing EVs | Secured national framework agreements for fleet replacement |
| Energy market instability | Fixed-rate renewable energy contracts |
| Behavioural resistance | Embedded training, incentives, and cultural change programmes |

**Strategic Opportunities:**

* Lower operational costs through energy efficiency
* Improved staff recruitment and retention through purpose-led culture
* Enhanced quality and continuity of care via digital, low-carbon models
* Collaborations with ICS partners to co-design integrated sustainability initiatives

**Conclusion**

For Fervid Healthcare Limited, carbon reduction is not a checkbox exercise—it is a core pillar of how we care, operate, and lead. Through our delivery of our Services, we are redefining excellence in sustainable health and social care.

By embedding Net Zero principles into every aspect of service delivery, from fleet and facilities to frontline care and digital systems, we are building not only a greener NHS, but a more resilient, equitable, and patient-centred future for the communities we serve.