Real Imaging Ltd
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APRIL 2026

Carbon Reduction Plan
Real Imaging Ltd

Our Commitment to a Greener Future

Real Imaging Ltd is a specialist provider of mobile diagnostic imaging services, supporting NHS Trusts and private healthcare organisations across the UK
Our sustainability initiatives are designed to reduce our carbon footprint, promote renewable energy, and enhance the health and wellbeing of our communities.
Real Imaging Ltd is proud to support the NHS's commitment to net zero carbon emissions by 2050. We are collaborating with the NHS to develop and implement innovative solutions that will drive sustainable practices across the healthcare sector.

Our Initiatives

Our Carbon Reduction Plan adopts the lowering of our carbon emissions through transport and facilities, clinical equipment and consumables, waste reduction and recycling, sustainable procurement, and community engagement.

Baseline Measurement

Scope of Emissions

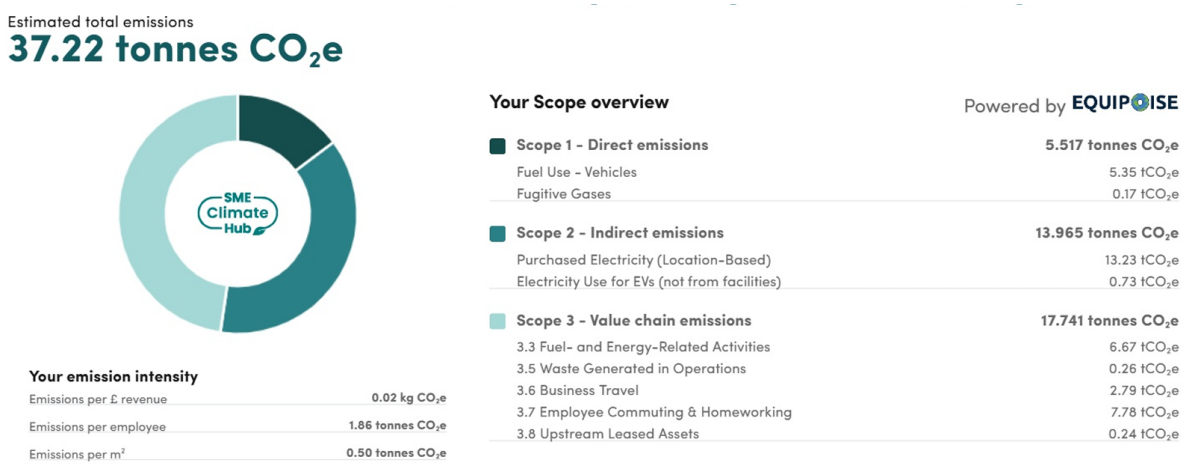
To develop a comprehensive understanding of our current carbon footprint, we will measure emissions across three key scopes:

- **Scope 1**: Direct emissions from company-owned and controlled resources (e.g., company vehicles, on-site fuel use machinery, and fugitive gases).
- **Scope 2**: Indirect emissions from purchased electricity, steam, heating, and cooling, electricity use for EVs (not from facilities).
- **Scope 3**: Value chain emissions (e.g., employee commuting and home working, business travel, waste disposal, supply chain activities, purchased goods and services, capital goods, fuel and energy related activities)

Baseline Emissions 2025

This is Real Imaging Ltd.’s first full measurement year.

Report Period
1 Jan 2025 – 31 Dec 2025



Data Collection

We gathered data on energy consumption, fuel use, waste generation, and business travel fr om all our facilities, including offices. This data was used to calculate our baseline carbon footprint using recognized standards such as the Greenhouse Gas Protocol.

Target Setting

Long-Term Goal

Net-Zero Emissions by 2046: Real Imaging aims to achieve net-zero carbon emissions across our entire value chain by 2046.

Interim Targets

- **50% Reduction by 2030**: Reduce absolute carbon emissions by 50% from our 2025 baseline by 2030.
- **100% Renewable Energy by 2029**: Transition to 100% renewable energy sources for all company operations by 2029.

Energy Efficiency & Management (High Impact)

- **Office and Facility Upgrades**: Conduct energy audits across all Real Imaging facilities and implement energy-efficient technologies, such as LED lighting, smart thermostats, and energy-efficient HVAC systems.

- **Implement "Power-Down" Protocols:** Switch off CT and MRI scanners, imaging equipment, and workstations during non-working hours (nights and weekends).
    - *Impact:* Up to 80% reduction in CT energy use and 33% in MRI, say studies.
- **Utilize Low-Power/Standby Modes:** Enable energy-saving features for scanners during idle periods between patients.
- **Optimize Cooling Systems:** Dedicated cooling systems for scanners can comprise 44% of total imaging energy. Optimize air conditioning and cooling units to match operational hours.

Clinical Workflow & Operational Optimization

- **Reduce Low-Value Imaging:** Review imaging requests to eliminate unnecessary studies, which can constitute up to 50% of imaging in some settings.
- **Optimize Protocols & AI:** Utilize AI-based reconstruction algorithms to shorten MRI protocols, increasing throughput and reducing energy per scan.

Waste Management & Circular Economy

- **Implement Digital Solutions:** Transition to fully paperless reporting and electronic patient booking.
- **Recycle Contrast Media:** Develop initiatives for recycling iodine-based contrast media.
- **Reduce Single-Use Plastics:** Audit linen, consumables, and packaging to find reusable or biodegradable alternatives.
- **Equipment Lifecycle Management:** Partner with vendors to refurbish or recycle imaging equipment and parts.

Sustainable Procurement & Infrastructure

- **Green Supply Chain:** Prioritize vendors with strong sustainability credentials for purchasing equipment and consumables.

- **Energy-Efficient Equipment:** Select imaging equipment with smaller footprints and lower energy consumption (e.g., compact MRI systems).
- **Remote Servicing:** Encourage vendors to use remote diagnostics rather than physical travel for equipment repairs.

Staff Travel & Digital Reporting

- **Encourage Teleradiology:** Increase remote reporting to reduce staff commuting.
- **Virtual Meetings:** Conduct department meetings, training, and conferences virtually or via hybrid models to reduce air travel emissions.
- **Public Transport Incentives:** Provide incentives for employees to use public transportation or carpool
- **Electric vehicle fleet:** Transition to electric vehicles for all company owned vehicles by 2030

Target Monitoring (Example KPIs)

- % of equipment on automated shutdown timers.
- Annual kWh used per scan type (MRI/CT).
- Reduction in printed films/paper per month.
- Number of remote maintenance visits vs. in-person.

Transparency and Reporting

- **Annual Sustainability Report**: Publish an annual sustainability report detailing our carbon
  reduction efforts, achievements, and plans. This report will be shared with stakeholde rs, including employees, customers, and investors.
- **Third-Party Verification**: Seek third-
  party verification of our carbon footprint and progress to ensure accuracy and credibility.

Offsetting

1. **Carbon Offsetting**

- **Investment in Offsetting Projects**: For any remaining emissions that cannot be elim inated, Real Imaging Ltd will invest in high-quality carbon offset projects, such as reforestation, renewable energy projects, and carbon capture technologies.

2. **Partnership with Environmental Organizations**

- **Collaborative Efforts**: Partner with environmental organisations to support broader c limate initiatives and contribute to global carbon reduction efforts.

Conclusion

Real Imaging Ltd is committed to reducing our carbon footprint and becoming a leader in sustainability within the healthcare technology sector. This Carbon Reduction Plan provides a roadmap for achieving our ambitious goals and contributing to a sustainable future for all.

We will continue to engage with stakeholders, monitor our progress and adapt our strategies to ensure we meet our targets.

Declaration and sign off

This Carbon Reduction Plan has been completed in accordance with PPN 006 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 standard13 and uses the appropriate government emission conversion factors for greenhouse gas company reporting.

This Carbon Reduction Plan has been reviewed and signed off by the board of directors.

Signed on behalf of the Board of Directors:



……Director……..

Date: April 2026