# UK Carbon Reduction Plan



# Commitment to Achieving Net Zero

# Stericycle is committed to achieving net zero Scope 1 and 2 emissions for all of our UK business by 2045.

Stericycle's brand promise is to protect what matters. We are taking active and significant steps within our Environmental, Social, and Governance (ESG) journey and recognise the threat climate change poses to the communities we serve. This Carbon Reduction Plan is our roadmap to decarbonise our UK business across our family of brands.

We have been protecting the health and well-being of patients, staff, and communities in the UK since 1994. Together with Shred-it<sup>®</sup>, Stericycle's secure information destruction solution, the business has processing facilities and service centres across the UK. These include alternative waste treatment centres, incinerators, secure information destruction centres, transfer stations, and administration sites. Six of these facilities are energy-from-waste (EfW) centres that operate from hospital sites in partnership with the National Health Service (NHS).

The NHS currently utilises Stericycle's portfolio of solutions to support UK hospitals, general practices, dentists, and pharmacies. The NHS has committed to net zero Scope 1 and 2 emissions by 2040 and net zero Scope 3 emissions by 2045. By working closely with NHS providers, we are helping them meet their net zero targets.

Stericycle's promise is to protect what matters

# Stericycle Greenhouse Gas Emissions in the UK

Stericycle's first step towards achieving net zero is to understand our carbon footprint across our UK business. Using our 2020 baseline, we developed a carbon reduction plan that focuses on three key areas of our business: transportation, treatment, and energy use.

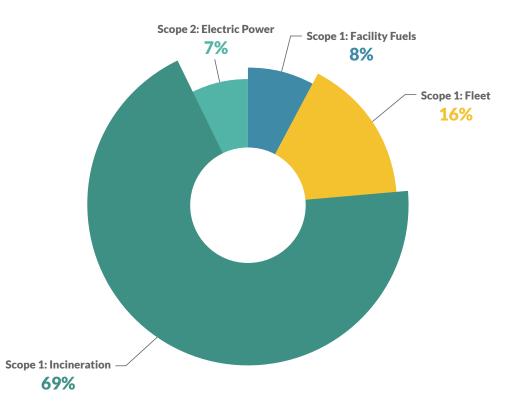
# Stericycle's total greenhouse gas<br/>emissions by ScopeTonnes of CO2e,<br/>in 2020Scope 1<br/>Direct Emission91,790 tonnes CO2efrom owned and controlled sources, including fuels used in our facilities, incineration, and<br/>diesel usage in our fleets.

Scope 2 Indirect Emission

7,073 tonnes CO<sub>2</sub>e

from purchased electricity to power our facilities.

### 2020 UK BASELINE GREENHOUSE GAS EMISSIONS



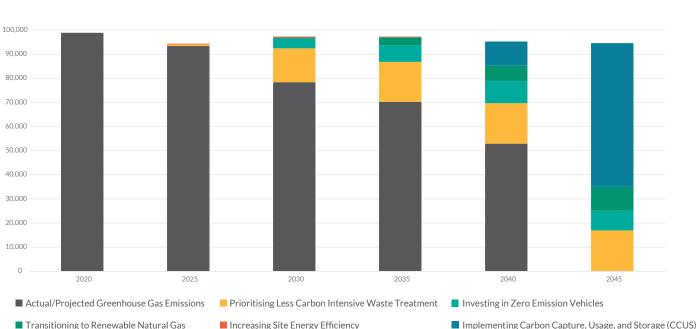
# Roadmap to Net Zero

To achieve our goal, we identified five key strategies to help reduce our carbon footprint. Implementation of our emission reduction actions is expected to reduce our Scope 1 and 2 greenhouse gas emissions as shown below.

Greenhouse Gases (Tonnes of CO<sub>2</sub>e)

### **Carbon Reduction Focus Areas:**

- Prioritising Less Carbon Intensive Waste Treatment
- Increasing Site Energy Efficiency
- Investing in Zero Emission Vehicles
- Transitioning to Renewable Natural Gas
- Implementing Carbon Capture, Usage, and Storage (CCUS)



**DECARBONISATION ROADMAP** 

The graph reflects actual 2020 emissions and future emission projections. In addition, the various colors represent our five strategies to either reduce or capture emissions.

Baseline figures are subject to be updated as Stericycle enhances data collection and calculation methods. Focus Areas may be revised periodically based on feasibility of available technologies and may include limited use of carbon offsets, where appropriate.



# Carbon Reduction Focus Areas

### **Prioritising Less Carbon Intensive Waste Treatment**

As incineration is currently our largest single source of direct Scope 1 emissions, we see an opportunity to reduce the combustion of waste. Aligned to the 2023 NHS Clinical Waste Strategy and its approach to segregation, we plan to redirect capable waste to less carbon intensive treatment processes when possible.

### **Increasing Site Energy Efficiency**

Stericycle will continue to routinely conduct energy audits to seek out energy reduction opportunities. Our facilities are transitioning to LED lighting, which will help reduce energy consumption. In addition, our plant equipment will be upgraded with the latest standards as current equipment becomes obsolete.

Stericycle will also explore opportunities to expand our energy-from-waste systems to support the supply of renewable energy in our operations. At applicable incineration sites, these systems are expected to generate energy by utilising captured waste heat released by our operations.



# Carbon Reduction Focus Areas

### **Investing in Zero Emission Vehicles**

Our UK vehicle fleet transports waste and secure information from customers to either Stericycle or trusted third party facilities. In addition to hauling vehicles, Stericycle's fleet consists of cars, trucks, and passenger vehicles. The current fleet runs on fossil fuels and will be replaced with a fleet that runs on renewable energy. By 2045, our fleet will no longer use fossil fuels.

### **Transition to Renewable Natural Gas**

Stericycle will actively seek out renewable and carbon neutral gas options to use throughout our UK business in place of fossil fuels. We currently utilise natural gas to treat our customers' waste but technology advancements in the UK are expected to provide more renewable options.

### Implementing Carbon Capture, Usage, and Storage (CCUS)

We anticipate that CCUS technology will be a carbon offset option for us to use by 2040. CCUS involves capturing and storing  $CO_2$  from large point sources rather than directly releasing it into the atmosphere. The momentum behind CCUS is growing as development continues, and research is suggesting that CCUS will be a viable solution in the upcoming years.



# Declaration and Sign Off

This Carbon Reduction Plan has been completed in accordance with PPN 06/21 and associated guidance and reporting standards 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 has 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 Senior Vice President of UK and Ireland.

Signed on behalf of the Supplier:

**Toby Black, Senior Vice President of UK and Ireland** Date: 23/06/2023



## Looking to the Future

Protecting health and well-being in a safe, responsible, and sustainable way is our mission but also a journey. This commitment will drive value for our team members, our customers, our shareholders, our partners, and the communities we serve.

Visit stericycle.co.uk or shredit.co.uk to learn more.

