

Safer sharps disposal. Lower carbon impact.

Tradebe and Sharpak Healthcare: partnering for a more sustainable approach to sharps disposal.

Single use sharps bins have a **heavy carbon footprint** and are unsustainable as we move towards net zero. **Tradebe** and **Sharpak Healthcare** are partnering to deliver a groundbreaking range of multi-use containers, combining world-class user safety with a **more sustainable approach** to sharps disposal.

These containers provide a **high standard of user safety** and save up to **87% of carbon** compared to single use bins. Containers can be purchased via **NHS Supply Chain** which allows for greater local control and minimises disruption.



After use, the containers are **securely locked and collected** by Tradebe in the same way that single-use containers are collected today. The Sharpak Zero containers will be **returned clean and disinfected**. To support this, Tradebe will operate a '**NOLOSS**' high temperature wash machine at its **Wrexham** depot and may also utilise existing networks through strategic partners.

This process will significantly **reduce waste volumes**, resulting in fewer vehicle journeys to incineration facilities. Based on trial data, we can confirm that this approach has the potential to **eliminate hundreds of road miles every day**, delivering both environmental and operational benefits.



Available from
NHS Supply Chain



Up to approx. 87%
carbon saving
(depends on container
size used by Trust)*

100

Each SHARPAK
ZERO container is
reused 100 times

The container is then **quality inspected** in accordance with **ISO 23907** part 2 based validation and verification procedures, repacked, and returned to the distribution system for reissue. The barcode allows us to track where each container is in its **lifecycle**.

From reusable containers to a smarter, more circular sharps solution.

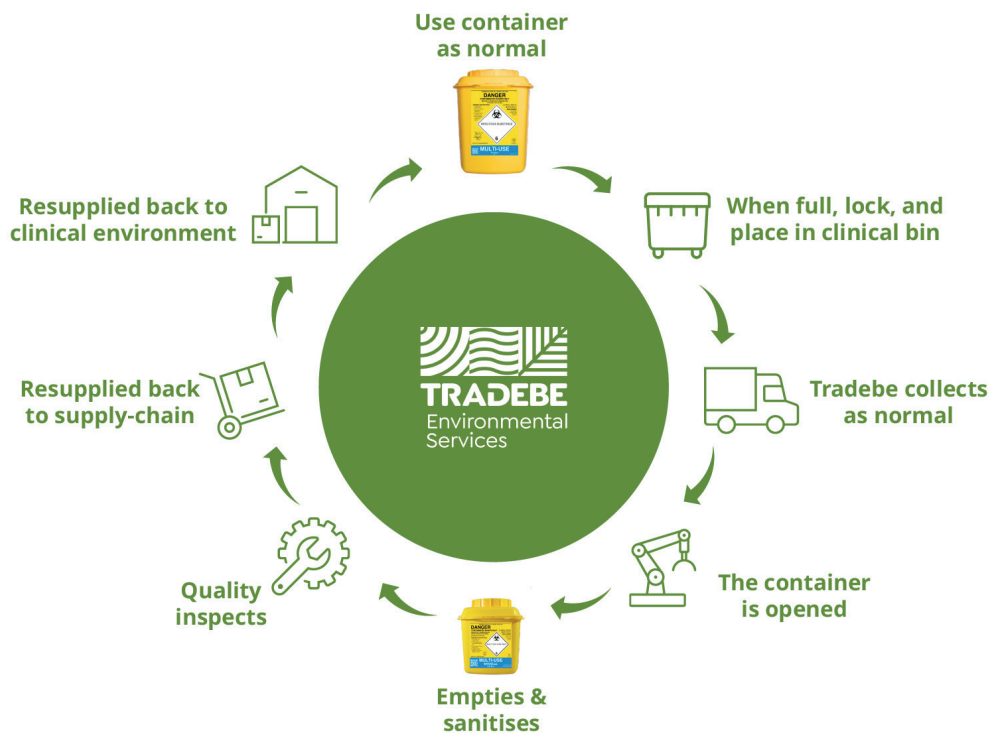
**SHARPAK
ZERO**

TRADEBE
Environmental
Services

After the hundredth use, the Sharpak Zero container is identified through its **unique barcode**, and the plastic is processed through an **open loop recycling process** and the material used in an alternative product system. When used correctly, the plastic will always be **reprocessed and never wasted**.

With Sharpak Zero **Tradebe offers extraordinary carbon savings**. The contents of each container are **photographed and analysed by AI**; the system can identify valuable metals, fill levels and other materials. In time these precious materials could be returned to their supply chains delivering a new range of carbon savings. The AI can also **audit bin usage** to provide training and cost saving suggestions.

How the NOLOSS cycle works



The Tradebe Sharpak Zero multi-use container system provides **assurance that the containers are safe to use** while making a significant contribution to reducing your carbon footprint. Sharpak Zero from **Tradebe can be your trusted sharps disposal partner**.

Discover more about our **Clinical Waste Services** by scanning the **QR code**



Want to know more? Click **here** to explore your options with our **Healthcare Team** and find the solution that's right for you.