



Beyond IT Disposal:

# Sustainability & Environmental Consciousness

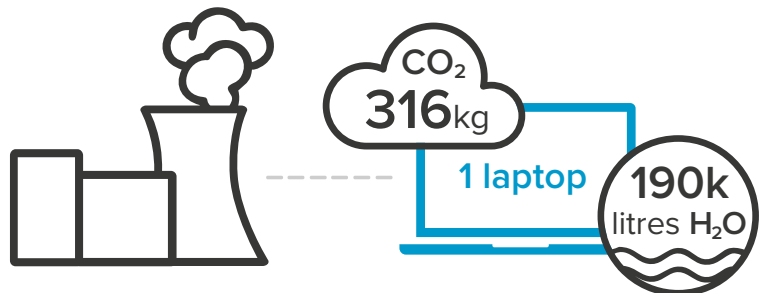


## Reducing the environmental impact of your redundant IT

Vyta focuses on the **reuse of redundant IT equipment, as opposed to the recycling of it**, in line with the circular economy and reducing the environmental impact of ewaste.

### Did you know...

**70%** of the energy a typical laptop consumes during its life span is used in the manufacturing process?



For each laptop processed for reuse, 316kg of CO<sub>2</sub> and 190,000 litres of water are saved versus producing a brand new laptop.

Source: Circular Computing 2022, Maalouf et al 2015

Whether you have a few used PCs or an entire data centre of redundant assets, **Vyta manages the full process – from collection to processing, data removal and recycling or disposal.**

Our zero-landfill policy means **no component of your old IT is an environmental burden.** Obsolete parts are dismantled, entering material streams to make new products.



Approved by the Environment Agencies across the UK & Ireland to transport and process electronic waste, our methods are also ISO 14001 compliant

## Vyta maintains a fleet of modern vehicles, an important factor in our PAS2060 carbon-neutral certification

We assess routes of travel and the correct vehicle size needed for the equipment in scope, otherwise tying-in multi-point collections to maximise the vehicle's efficiency for the day.

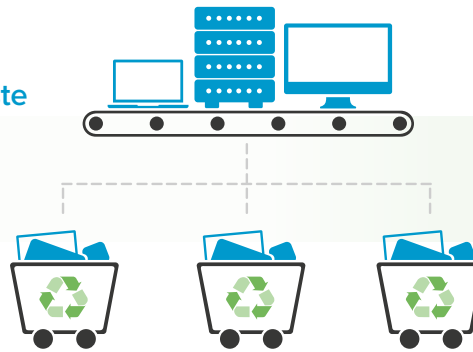


### Processing for Reuse

Items selected for reuse are graded during the test phase.

### Processing of Ewaste

Equipment selected for recycling is segregated and filtered into various material or item types for further refining.



## Reuse or Recycle

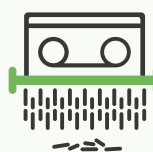


Where permitted, HDDs are data-wiped for resale. If shredding is the preferred method of destruction, all HDDs / SSDs will be shredded, and the debris recycled.



With a zero-landfill policy, Vyta focuses on the reuse of equipment in the first instance

Where it is not possible to reuse the equipment collected, it will be stripped down to component parts for either resale or recycling by material type.



Tape media is shredded, and where available, further incinerated for energy recovery - heat energy produced is recaptured and used to create electricity.

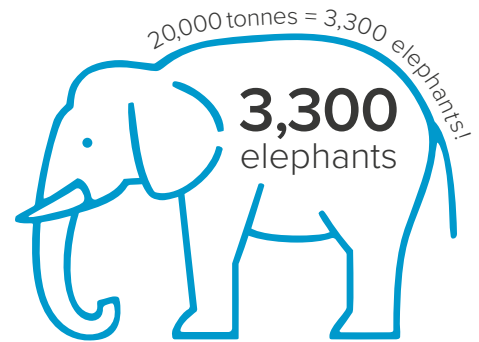
68%  
REUSED



Approximately 68% of the assets collected from our clients are reused rather than recycled

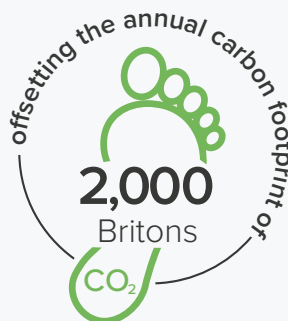
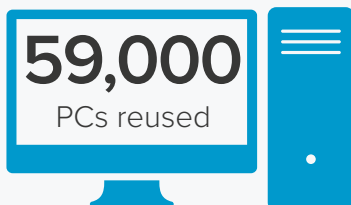
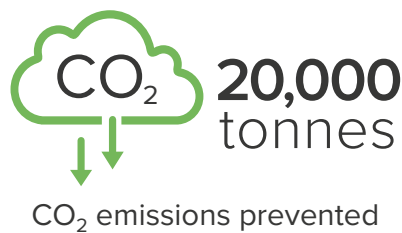
### Vyta Stats

In the last year Vyta processed a total of 194,000 IT assets for resale, including 59,000 desktop PCs (with monitors). **Processing these PCs for resale prevented nearly 20,000 tonnes of CO<sub>2</sub> emissions\*** - that's the equivalent of 3,300 adult male African elephants!



### Did you know...

It would take over 960,000 mature trees one year to absorb 20,000 tonnes of CO<sub>2</sub>?



Reusing 59,000 desktop PCs prevents 20,000 tonnes of CO<sub>2</sub> emissions, which is equivalent to offsetting the average annual carbon footprint of around 2,000 Britons and enough energy to drive an electric car around the world 600 times!\*

\* amounts saved by the use of second-hand lifecycle extension of PCs versus the manufacture and shipping of brand-new PCs

# Get in touch

For a free valuation or professional, friendly advice, just get in touch. We're ready to help.



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