

Numatic

Context

Newcastle Hospitals has committed to reaching Net Zero for the carbon footprint plus by 2040. Crucially this includes the carbon footprint related to the goods and services provided to us by our suppliers.

We have been engaging with the supply chain, and provided this opportunity for them to share learning on their Net Zero journey.

Numatic are the UK's only manufacturer of floor cleaning equipment & janitorial products. Our manufacturing facility has been based in Somerset for 55 years and employ circa 1500 people.

Our manufacturing plant makes everything from raw material with some 35% being made from recycled material (our brand for this is ReFlo). Our policy when supplying new equipment is to recycle your old equipment where possible, this helps you in a number of ways. Electric equipment WEEE compliance, recycle of old equipment into new, helps the planet with emissions and the constant need for new virgin materials.

Numatic are not just Henry & Hetty and we have a range of innovative products using interchangeable batteries for a range of products, its called the NX300 range whereby one battery can fit a vacuum or floor cleaner. This saves you time and money.

What low carbon initiatives have you implemented?

- Our products are designed and built to last in excess of 25 years
- Installed low energy light bulbs across our 37-acre facility saving 345,000KWH of energy
- Reduced fleet emissions by 44,000kg by changing to biofuel in our trucks and using EV instead of petrol or diesel cars.
- Increased our use of recycled plastic by 150,000KG
- Saved our customers 90,000 tonnes of CO2e by changing our motors from 900W to 620W. Now introducing the latest 420W to reduce energy costs and CO2e further.
- Introducing the new range of 100% recycled plastic products (ReFlo)
- Introducing the latest 75% ReFlo vacuum saving the end user 70% in energy costs.
- Installed solar panels into our factory saving 1260 tonnes of CO2e
- Installed 12 EV charging points run from our solar panels
- Introducing vacuum bags made form 80% recycled material
- Since 2021 we have helped plant 19,092 trees which has offset 4773 tonnes of CO2 drawn to earth.
- We support a water initiative in Madagascar by funding the cost of 5000 ltrs of water for every TUC244NX floor cleaner sold.
- Our business is also zero waste to landfill since 2017.



Any challenges or barriers?

- We have introduced a dedicated sustainability team called Operation Clean Sweep.
- Designing & manufacturing products that are fit for purpose whilst trying to achieve net zero, it makes you stop and think about every decision you make which affects every part of our process.
- It also adds significant costs to our process which in turn we must consider the impact to the end user.

Any opportunities or ideas?

The Cleansweep team are constantly working hard to achieve net zero 2035 which is a massive task for our business. When you consider that Numatic manufacture some 10,000 vacuums, floor cleaning & janitorial products per day. We export to some 90 countries.

This makes the Operation Cleansweep Team's task of 2035 net zero even more challenging. We will achieve our goals of 2035 net zero.

Next Steps:

To explore common goals and ideas

More info:

[908682 Sustainability Report 2022.pdf \(thirdlight.com\)](#)

[numatic-environmental-policy.pdf](#)

Step 1 Do you support Newcastle Hospitals' Net Zero ambitions, which includes reaching Net Zero Carbon across our footprint plus (including suppliers) by 2040?

Yes

Step 2. What support and guidance have you accessed?

Numatic have set targets to reach net zero by 2035 and have installed a team of experts in this field to achieve it. Net zero is at the forefront of every decision we make regarding our business.

Step 3. Do you measure and report the carbon footprint of your organisation?

Yes

Step 4. Have you published a carbon reduction target or Net Zero target for your organisation?

Yes

Step 5. Have you published a Carbon Reduction Plan (CRP)?

Yes