



# Northwood Hygiene Products Ltd

Sustainable Solutions



# About Northwood



Northwood Hygiene Products provides a range of market leading brands for the away-from-home professional paper hygiene and wiping market.

Part of the larger Northwood Group which is a vertically integrated operation that provides the manufacturing, supply and transportation of paper hygiene and wiping products.

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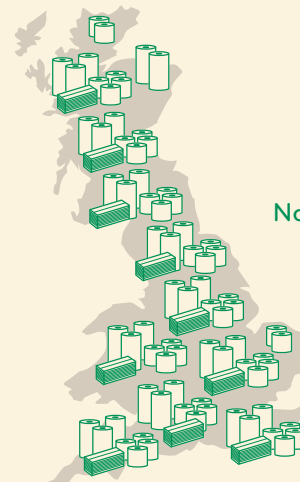
# Energy & Carbon Reduction

## Key Targets

- Long term net zero target by 2050.
- Short term Scope 1, 2 & 3 reduction target by 2028.

## Made in UK

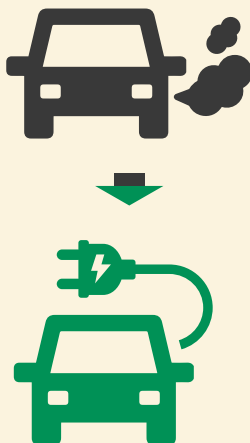
Northwood continues to invest in UK manufacturing and capability.



## Carbon Reduction

Northwood continues to invest in carbon reduction schemes, including;

- State of the art converting and paper making capability.
- Company vehicles transitioned from diesel to hybrid.
- Motion sensor LED lighting (where appropriate) across all sites.



## Distribution

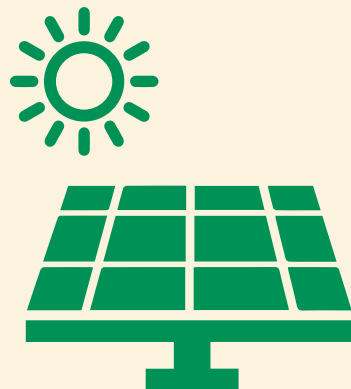
As part of our continuous improvement programme, we review and improve our distribution and logistical efficiency. Recent highlights include:

- State of the art truck fleet.
- New fork lift truck fleet.
- New transport management system.
- 33% increase in pallet quantity on our leading 2 ply V Fold product, which reduced shipping by approximately 820 pallets per year.



## Carbon Reduction

Northwood procures 100% renewable electricity across our UK operations.



## Renewable Energy

Our Dicepa paper mill, manufacturer of hand towel base sheet, has a number of off-grid renewable initiatives:

- Solar
- Hydro
- CHP

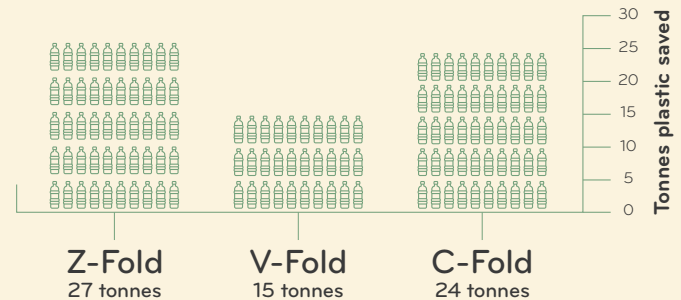


# Leading Sustainable Products

## Key Targets

- Purchase 100% certified base sheet.
- 100% recyclable packaging.
- Increase quantity of 'plastic free' products.

\*Based on a 2021 baseline.



## Plastic Reduction

66 tonnes of plastic has been removed from the supply chain through our hand towel category by changing to recycled paper wraps.



## Recycled Fibres

75% of our product assortment uses 100% recycled fibre.



## Certified Fibres

All base sheet manufactured by Northwood paper mills is FSC® certified.

All base sheet procured by Northwood is FSC® certified, either FSC® or PEFC.

All paper and board products, such as cartons and cores, also carry the FSC® certificate.



## Plastic Reduction

In 2024 kraft tape will replace plastic tape on all products that are manufactured at our Telford and Oldham sites. This will remove approx. 5 tonnes of plastic from our supply chain, equivalent to 2,600km worth of plastic.



## Plastic Reduction & Innovation

Our Whisper Eco product is the first of its kind in the Northwood portfolio, replacing plastic wraps with a recycled paper and cardboard alternative.

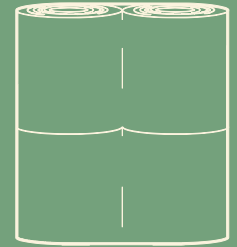
Did you know that one pallet of conventional toilet roll can contain as much as 9kgs of plastic?



## LDPE Wrap

Where plastic is used in product packaging, we ensure that it has a minimum of 30% recycled content.

We continuously review our portfolio for the most sustainable options in the market.



## Cartons

We use 100% recycled fibres in our carton packaging, and are transitioning all of our cartons to a brown board, to enhance our environmental credentials and drive towards a UK based supply chain.

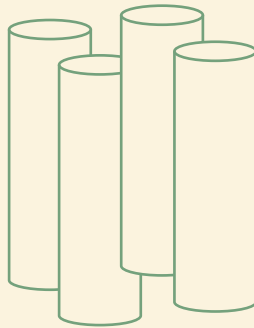




## Cores

Our cores are made using recycled fibres and also carry FSC® certification.

Post use, these can be widely recycled through a number of channels.



## Inserts

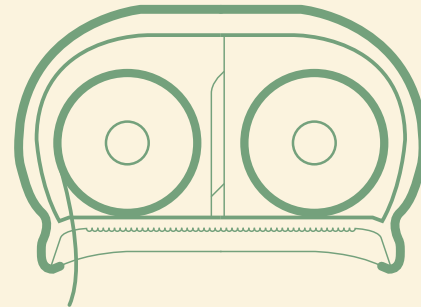
We use 100% recycled ABS in some products as part of a tension controlled system, with waste taken predominantly from the automotive industry. The Green Loop scheme supports the recycling of these post use.



# Sustainable Washroom Systems

*"We changed from centre pull toilet tissue to North Shore and found that we save time by replenishing dispensers less frequently, and we took delivery less frequently because the case and pallet quantity was higher and far better suited our needs. More importantly we waste less paper because the dispenser design means there is no stub roll waste. Overall it allowed us to be more efficient and definitely more sustainable."*

**Connor Flanagan**  
Bishops Young C of E Academy

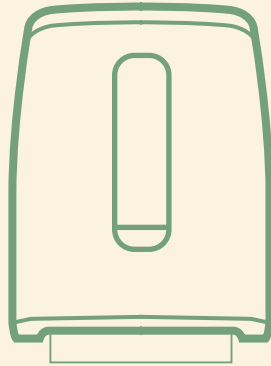


## Waste Reduction

Our innovative infinity paper system allows for 100% roll usage and dispenser replenishment without wasting stub rolls.

## Manage Paper Consumption

Our single sheet roll towel dispensers present one sheet at a time, bucking the trend of consumer habits and manages towel consumption.



## Water Reduction

Foaming soap is widely regarded as a water conserving product due to the mechanical lathering process, needing less water to wash off.



## Made in UK

*"Sustainability is important to us as an organisation and that filters down to our choice of partners and products. We always try to source from UK manufacturers as this helps to reduce the miles that goods have to travel, and we look for products that aren't wasteful to minimise the impact on the environment. Because Northwood is a UK manufacturer, we know that their products have to travel less, which helps our carbon footprint."*

**Ian Roberts**  
Midlands Air Ambulance





# Journey of a Toilet Roll



## 1 End User Waste

Typically sorted office waste, but also cartons and other waste materials.



## 4 Telford Converting

Turns the parent reel into finished goods. We manufacture in excess of 150 million toilet rolls every year.





## 2 Commercial Shredding Operation

Waste is shredded, baled and prepared for manufacture.



## 3 Our Paper Mills

Manufacturing the base sheet from waste into a parent reel. Our Disley and Chesterfield sites are ISO14001 certified.



## 5 Distribution

Our Northwood fleet delivers finished goods into distribution, before ultimately reaching the end user.



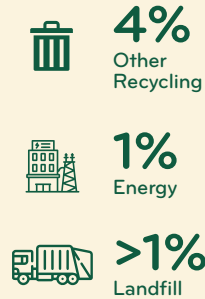
# Reduce Operational Waste & Offer End of Life Solutions

## Key Targets

- Short term waste-to-landfill reduction targets.
- Short term waste-to-energy reduction targets.



We take pride in returning water taken from the River Goyt at our Disley site, cleaner than when it was taken.



We recycle over 5,000 tonnes of paper waste from our converting process every year back into the next generation of parent reels.

GREEN  
LOOP



End user collects plastic inserts



inserts are returned to NHP



Plastic is processed back into raw material

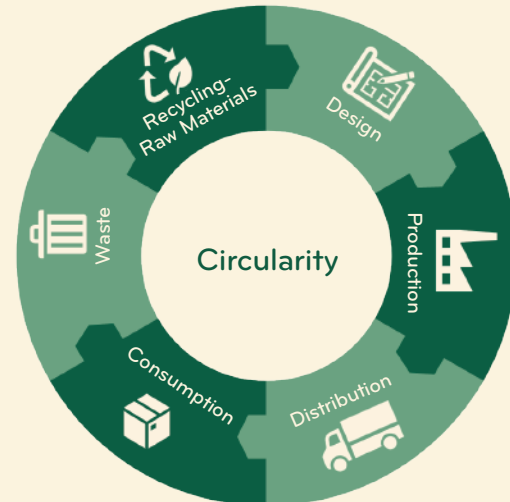


Raw material used in future inserts

Our Green Loop initiative launched in 2023, offering a closed loop recycling function.



The by-product from the paper making process is dried and used as soil conditioner or animal bedding.







# Improve & Benefit Local Communities

We have introduced a number of key partnerships with the aim of achieving a meaningful impact on our local communities.

In 2023 Northwood announced a partnership with Trees for Cities, pledging to donate 1 tree for every new contract received. Our first year target was 500 trees, which we managed to more than double!







## Since founding, Trees For Cities have:

- Planted 1,765,366 trees in communities around the UK.
- 213,499 planted in 2022/23 season.
- 24,808 pupils engaged with in school programmes.





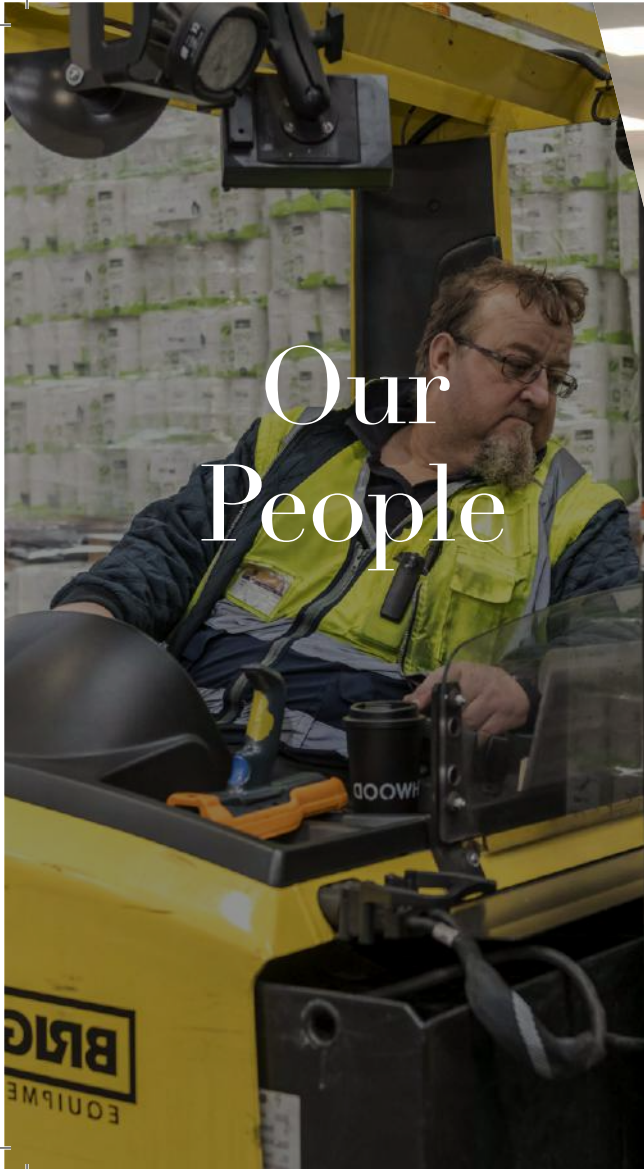


Northwood also supports a number of local charities and projects around our UK sites.

This includes work with Meals & More, the Severn Hospice and Toilet Twinning to name but a few.



# Our People







# Northwood Hygiene Products Ltd

