



ReflexEcoDynamics

# OUR *Green* STORY

**MORE INNOVATIVE  
MORE SUSTAINABLE**

# A PATH FORWARD

**SUSTAINABLE  
DEVELOPMENT  
MEANS DESIGNING  
OUR PRODUCTS,  
PROCESSES AND  
SERVICES WITH  
ENVIRONMENTAL  
AND SOCIETAL  
CONCERNS  
IN MIND**

## OUR KEY PRIORITIES

After deep reflection, data analysis and meetings with key stakeholders, we've set 3 sustainability priorities for Reflex.

- 1. Reduce our impact on the environment by using renewable energy sources, reducing waste and driving efficiencies through our products, processes and facilities.**
- 2. Provide our customers with a greater choice of environmentally friendly materials and products**
- 3. Conserve precious resources**





## MANUFACTURE A SMALLER FOOTPRINT

How we make our products is the largest piece of our carbon footprint. We've identified two areas where we can dramatically reduce our impact – raw materials production and electricity used in manufacturing. The electricity we use in our supply chain to process manufacture packaging is the single biggest source of our carbon footprint – over 80% of our manufacturing emissions.

**Investment in state-of-the-art machinery yields reductions in both energy and material use, with a lower carbon footprint and more efficient setup and changeover times.**



## ENERGY SAVINGS OPPORTUNITY SCHEME

Reflex qualify for the 'Energy Savings Opportunity Scheme' and ensure assessments are completed every 4 years. We regularly monitor energy used by our own buildings, manufacturing processes and transport to identify cost-effective energy savings measures. Reflex also collate and report our carbon footprint via the requirements of the 'Streamlined Energy Carbon Reporting' scheme.

**WE TRACK  
REAL-TIME  
ENERGY  
USE ACROSS  
OUR SITES**







## WIND TURBINES

Reflex are rolling out wind turbines across our entire estate over the next few months. We've started at our Boston site and will be installing more at our other Reflex sites in 2022.

## SOLAR PANELS

In May 2018 we began a program to install solar panels across our sites. We currently have these installed at our Mansfield and Leicester sites, collectively generating 158,000 kW/H annually. This is enough electricity to power 42 average sized UK households each year.



## LED LIGHTING

Our manufacturing sites all have LED lighting installed, which, on average, uses 75% less energy than conventional lighting.





# CAR FLEET EMISSIONS

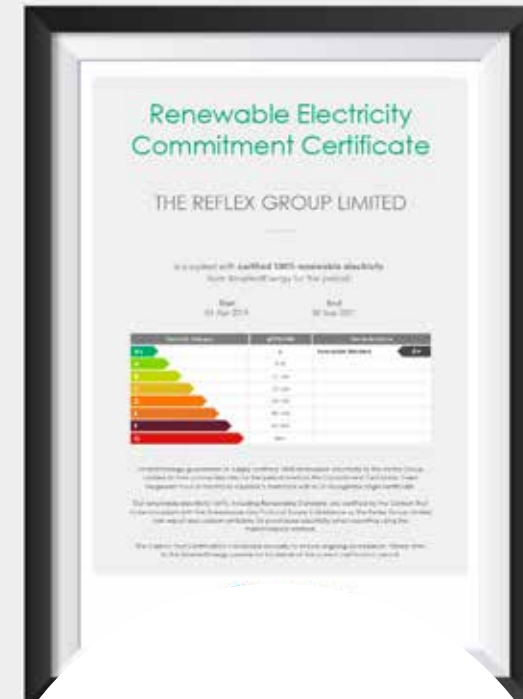
We actively assess our car fleet, benchmarking against industry standards and our own internal targets.

**74% of our car fleet is hybrid.**

**10% of our car fleet is electric.**

**16% of our car fleet is diesel.**

As of 27th April, the average emissions are 36.3 grams of CO2 per km.



## CERTIFIED RENEWABLE ENERGY

All of our electricity comes from renewable energy which equates to the saving of over 4,000 tonnes of CO2 annually.







**4,000 TONNES OF  
WASTE IS DIVERTED  
FROM LANDFILL  
ANNUALLY ACROSS  
THE REFLEX GROUP.  
THIS IS THE APPROX.  
WEIGHT OF 317  
LONDON DOUBLE-  
DECKER BUSES!**

## **ZERO TO LANDFILL**

The majority of our waste avoids landfill and is used as a source of power. As it has a low moisture level and high calorific content, it is an excellent form of solid recovered fuel (SRF).



## **ISO 14001 ENVIRONMENTAL MANAGEMENT SYSTEMS**

Both of our Reflex Label Plus sites (Barwell & Keighley) are certified to ISO 14001 (Environment Management Systems).

## **FSC® & PEFC**

We now have 6 sites across the group certificated to FSC & PEFC.







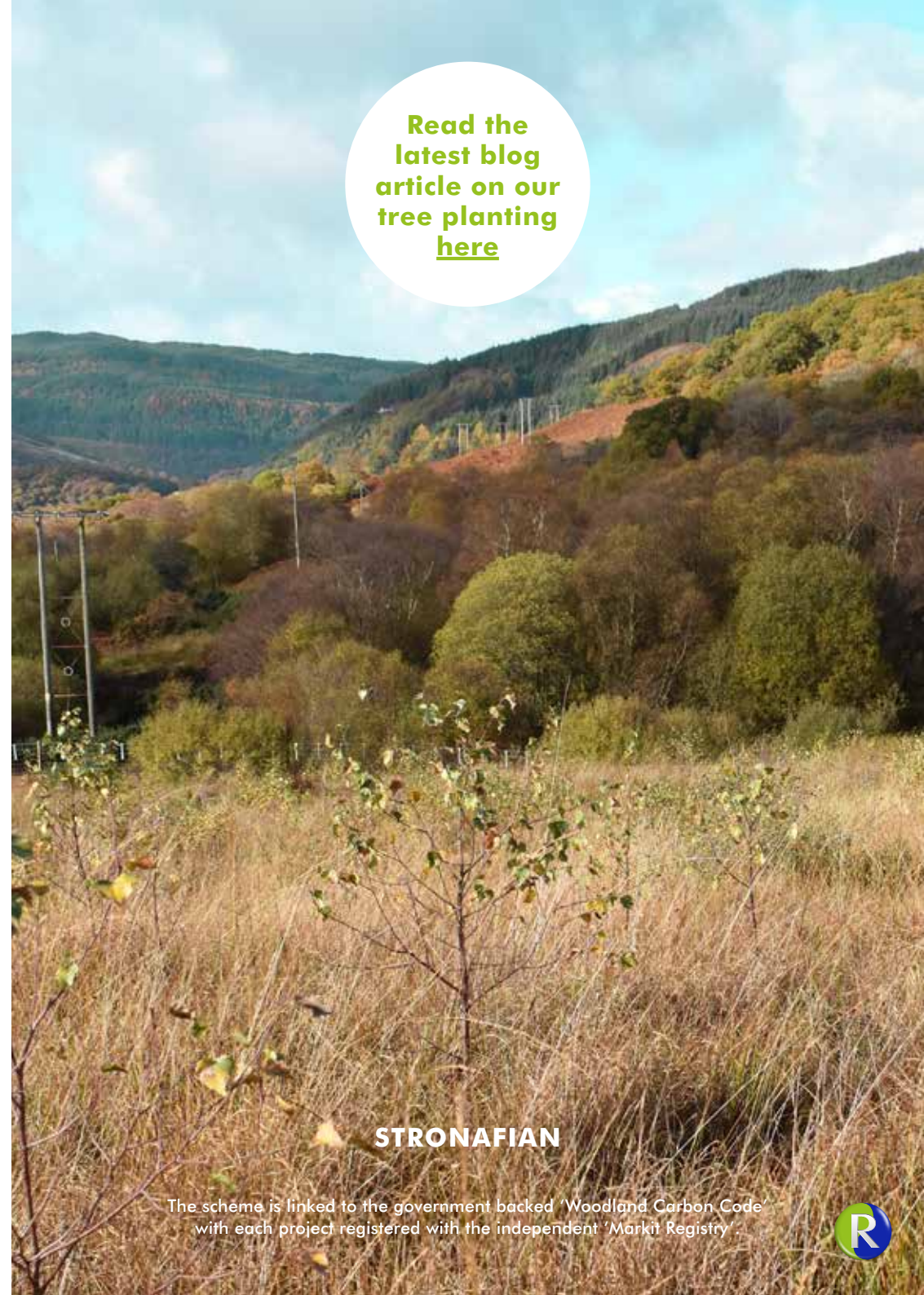
# CARBON OFFSETTING

Back in 2018 we began our 'net zero' journey by teaming up with Forest Carbon and planting just under 7,000 trees in Cumbria, to offset our Scope 1 and 2 carbon emissions. Our latest project in Scotland includes over 43,000 trees, which is projected to capture the next 3-4 years' worth of carbon emissions.

We're passionate about reducing our consumption and emissions as much as we possibly can.



**CUMBRIA**



Read the  
latest blog  
article on our  
tree planting  
[here](#)

**STRONAFIAN**

The scheme is linked to the government backed 'Woodland Carbon Code' with each project registered with the independent 'Markit Registry'.



# GOVERNMENT BACKED CLIMATE CHANGE AGREEMENTS

Many of our sites are partaking in Government backed Climate Change Agreements which are voluntary agreements made by Reflex to the Environment Agency to reduce energy use and carbon dioxide emissions.



## By 2030, Reflex will have wiped the slate clean.

**Not content with net zero, over the next few years we'll be capturing the entire volume of carbon emitted from the day the company was founded in 2002.**







# CONSERVATION WORK

In 2021 we became Business Members of the Bumblebee Conservation Trust and have renewed this partnership for 2022.

We began supporting in conjunction with the launch of our new specialist colour laboratory (aptly named 'The Colour Hive').



# **DID YOU KNOW THAT REFLEX IS CARBON NEGATIVE?**

**This means, everytime you  
purchase from us, you're  
helping to limit your  
carbon footprint!**