



Sustainability Report 2024-5

Carbon Neutral by

2050



Powered by
Green Energy

NET ZERO 2050



Join us on our journey, where packaging
doesn't cost the earth.

The power of three;

Simplicity. Sustainability. Stability

Every change begins with belief. For us, it was simple: packaging should protect what matters; the product and the environment, without costing the earth.

That belief is no longer just an idea, It's our purpose. It's what drives us to deliver smarter packaging for our customers, to support of a more sustainable future.

We do not believe in half-measures or empty promises. We believe in progress you can see, touch, and measure. That's why every tonne of CO₂ since 2022 which we emit has been and will continue to be, tracked, reported, and reduced year on year. And why our journey to carbon net zero by 2050 is not just a statement, but a commitment.

Already, the future is taking shape:

- Offering a one-stop service for all your packaging needs, from design through to storage and delivery, saving on time, energy and road miles.
- Long time partners with FSC certified mills and converters offering a sustainable supply of

packaging solutions.

- One consolidated site instead of four, less transport, fewer emissions, more efficiency – one team under one roof.
- 100% renewable energy powering our operations, with onsite solar providing nearly half.
- Electric charging on-site because small choices lead to big changes.

However, this is not only about us. It's about building a sustainable future where businesses thrive without compromise:

This is the packaging revolution we're leading. A future where protecting products also means protecting the planet. A future where doing the right thing is also the simplest thing.

Test Valley Packaging is committed to simplicity, sustainability, and stability where meeting your packaging needs not only protects the planet but means making the right choice is the simplest one.

And it starts here...

Don't just take our word for it



The Starting Block

Our Initial Evaluation

2022

218.5
tCO₂e measured emissions

Measured emissions equivalent to
193 flights from London to New York

5.1
tCO₂e per employee

2024 Measured carbon emissions based

174.3
tCO₂e measured emissions

Measured emissions equivalent to
102 flights from London to New York

3.7
tCO₂e per employee



Buildings

1.3 tCO₂e

Used enough electricity to power 32 UK homes for one year



Travel

172.1 tCO₂e

Travelled 25 times around the world



Waste

0.4 tCO₂e

Produced waste that weighs the same as 5 London buses



Water

0.2 tCO₂e

43 litres per employee per day



Procurement

0.4 tCO₂e

346 sheets of paper used per day



Homeworking

0.6 tCO₂e

Used enough energy to power 0.2 UK homes for one year

Test Valley's Contribution to the Global Goal

Protega Global is committed to driving measurable progress toward the United Nations' Sustainable Development Goals (SDGs). By designing and delivering environmentally conscious packaging solutions, we help businesses lower their carbon footprint, reduce plastic use, and transition to more circular, sustainable supply chains.

Through innovation and partnership, Protega Global enables customers to make measurable contributions to at least 7 SDGs, addressing over a 14 targets — from reducing waste to combating climate change — all while improving operational efficiency.





Your company



5.1k
Trees planted
[Learn More](#)



8.1 tonnes offset

You are offsetting
8.1 tonnes per month



1 year
of climate positive impact

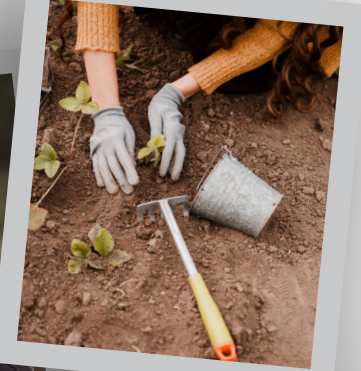


8,200m²
of land reforested



5,125 trees

Working with our charity partners
we aim to regularly contribute to
their projects, both in the UK and world Wide.



Images are courtesy of our
charity partners



The Journey so far

On our way to a greener future



Travel & Transport

- ✓ Amalgamation of 4 rural located sites to one large site on a well-established industrial estate, with immediate access to A roads
- ✓ Removing lorries from village roads
- ✓ Removing one lorry from our fleet altogether
- ✓ Hosting virtual meetings rather than face to face
- ✓ Introduction of a Protega's Environmental Travel Policy (QCD 15) which instructs prioritising sustainable travel and accommodation options, if the needs arises

Energy

- ✓ All energy from a "green" supplier
- ✓ Solar panels installed and active from June 23 and contributed 49%/month average until the end of the 2023.
- ✓ 4 x EV Charging points installed for use by staff and the wider community.
- ✓ All using green or solar energy to charge.
- ✓ All lights LED with an array of sensor lights.
- ✓ We implemented split heating and lighting.



Location

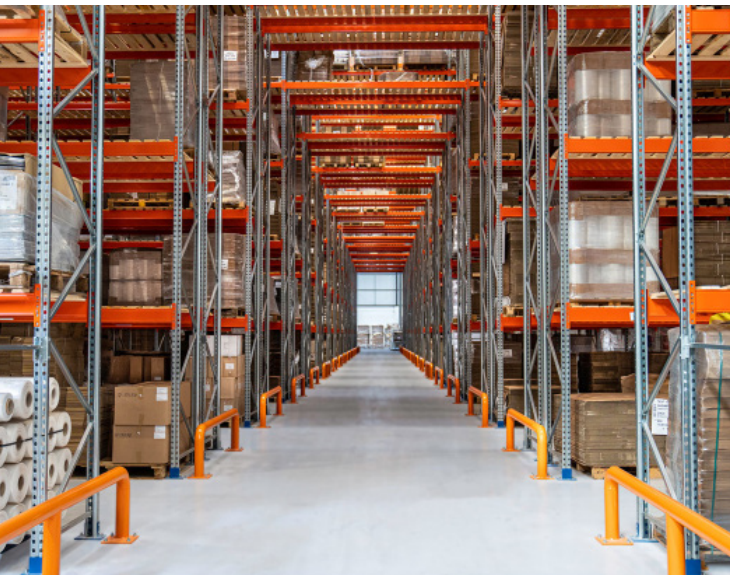
- ✓ Sharing facilities, utilities and personnel
- ✓ Offering storage solutions for other local companies to help reduce their carbon footprint.

Products

- ✓ All bespoke items can have FSC approval application on request*
- ✓ FSC – All our bespoke stock cartons and Hexcel products are FSC certified.
- ✓ On going bulk storage for customers wishing to reduce the road mileage.

Waste

- ✓ 99% of our waste is now recycled
- ✓ Wastepaper reduced by the introduction of 2 or more screen per person, and online electronic health and safety checks, reducing the need to print.
- ✓ All waste cardboard & plastic baled and collected and backhauled to an EA registered recycling location.



* Subject to meeting the FSC requirements

Our 2025 Targets

Early indications are we are on target for this year.

Measured carbon footprint

174.3 tCO₂e

Carbon reduction target (5%)

0.2 tCO₂e

Carbon reduction per employee (5%)

7.5 tCO₂e

The Next Steps

Reaching new heights

Investigating the
use of

**Electric
Vehicles**

We are launching
for our customers a

**Carbon
Calculator**

We are
implementing

**Full Lorry
Deliveries**

Continued
development of

**Sustainable
Packaging**

We continue to
partner with
multiple

Charities

Definitions

Carbon Net Zero

Carbon Net Zero is the state in which the amount of greenhouse gases emitted into the atmosphere is balanced by the amount removed, resulting in no overall increase in emissions. This is achieved by reducing emissions as far as possible and offsetting any unavoidable emissions through carbon capture projects.

ISO 14001:2015

An international standard for environmental management systems.

ISO 14001 certification is a tangible way to demonstrate to our stakeholders our commitment to sustainable business practices and continuous environmental improvements.

ISO 9001:2015

An international standard that specifies requirements for a quality management system. ISO 9001:2015 assures our stakeholders that we have quality processes

and procedures in place to consistently meet our customer expectations and continually challenge and improve quality.

FSC

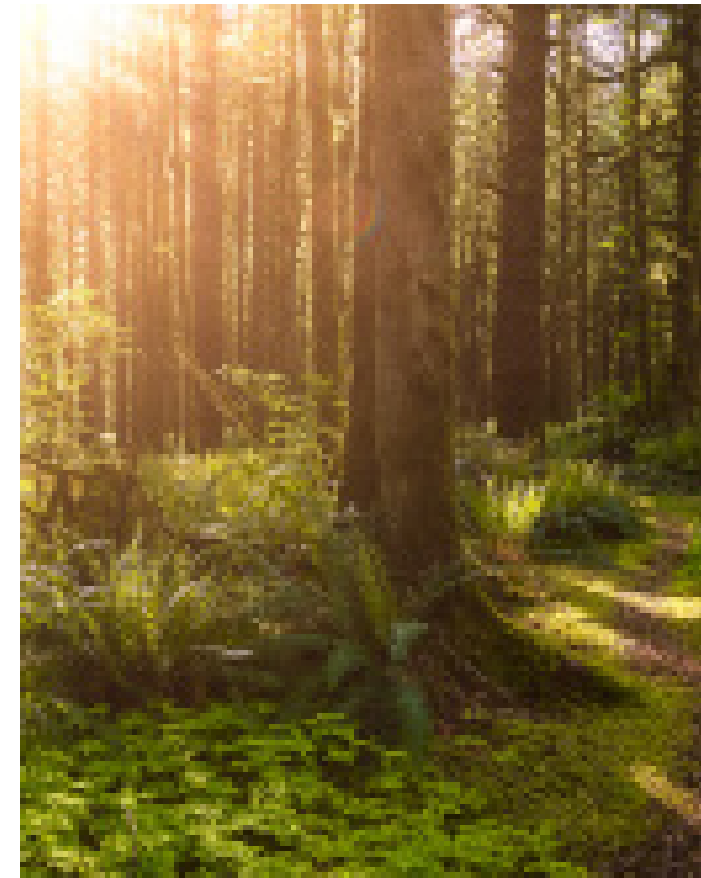
Forest Stewardship Council. It is a non-profit organisation that operates a certification system for responsible forest management and sustainable wood and paper products throughout the supply chain. FSC certification provides a way for consumers and businesses to support and promote sustainable forestry practices.

Sedex

Sedex (Supplier Ethical Data Exchange) is a nonprofit organisation which provides a platform for businesses to share and monitor ethical and responsible practices within their supply chains. Sedex is a valuable tool to integrate ethical and responsible practices into our supply chain.

EcoVadis

A globally recognised assessment that scores businesses' sustainability based on four key categories: environmental impact, labour and human rights standards, ethics, and procurement practices.





Join our journey...

it starts with a single step.

*Sustainable packaging that
doesn't cost the earth*

PROTEGA[®]
GLOBAL

www.protega-global.co.uk