

WELCOME

The team at Mannok Pack is delighted to launch our sustainability strategy for the next 5 years. Sustainability is now an integral part of our culture and we are proud of the progress we have already made in making our business more sustainable.

In developing our strategy, we have carefully considered the meaning of "Protecting What Matters" and have developed a challenging roadmap, focusing on the acceleration of our short-term sustainable development with meaningful contributions to achieve this.

Our people, our local region and community are very much at the heart of this strategy, and this is reflected in the imagery used

herein, all of which has been captured locally by our own people and local suppliers. Our strategy also considers the needs of the wider global community and our planet, and we have aligned our targets to the UN Sustainable Development Goals.

This will ensure our progress in building a more sustainable business continues and we look forward to the next 5 years as we work towards achieving the targets outlined.

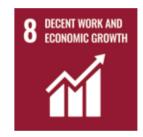
A special note of recognition to all our staff who have demonstrated admirable commitment, agility and consideration in serving our business and customers throughout the Covid pandemic. This strategy has been very much developed for you and for the local community you live in.

ALIGNED WITH RELEVANT

















CONTENTS

- Welcome	01
- Sustainability Development Goals	02
- Content Page	03
- Who we are and what we do	06
- Protecting what matters	07

PROTECTING RESOURCES

- Protecting Resources	09
- Truly Circular	11
- Product Lines	13
- Leading by Example	15
- Our Journey so Far	17
- Where we're going	
- Innovation	
- Zero Waste	23

PROTECTING NATURE

- Protecting Nature
- Our Journey so Far
- Where we're going
- Net - Zero Carbon
- Local Environment

PROTECTING PEOPLE

- Protecting what matters ..

- Protecting People	39
- Safety and Wellbeing	41
- Mannok Futures	43
- Supporting our Community	
- Our Partners	47
- Where we're going	49
- Our People	
- Our Community	53
- 5 Year Roadmap	5!
- Excellence in Action	57



IT IS OUR PURPOSE TO PROTECT FOOD TO REDUCE FOOD WASTE

WHO WE ARE & WHAT WE DO

We are one of the UK and Ireland's leading manufacturers of thermoformed food packaging. We are part of the wider Mannok group which is located in the local Cavan and Fermanagh community, with 15 facilities employing 830 people.

We have been producing packaging for a range of markets for over 25 years, earning a reputation for high quality packaging and best in class service.

As suppliers of food packaging to many of the biggest food processing companies in the UK and Ireland, and with a shelf presence in every major UK and Irish supermarket, we have the capability and experience to handle the packaging requirements of major international players.

Sustainable development and innovation are imbedded in our thinking at Mannok. This is demonstrated in our significant investment in eco innovation, technology, people, process and product development.

We are passionate about developing innovative, sustainable products and implementing sustainable practices in everything we do, for the good of our planet, our people and our business.

OUR PURPOSE

Protecting food to reduce food waste

OUR MISSION

Providing quality products and excellent customer service is the core of what we do at Mannok

We are committed to growing our business through continuous innovation, sustainability leadership, and the development of our people. We are proud of our roots and are focused on the success of our community.

OUR VALUES

We respect people.

We are trustworthy.

We are committed to our community.

We are sustainability leaders.

PROTECTING WHAT MATTERS

Protecting What Matters is the cornerstone of our sustainability strategy and is aligned to our purpose of protecting food to reduce food waste. Every product we manufacture is made with the sole purpose of protecting food, but we have the added responsibility to protect so much more.

We have established three pillars of protection to ensure we deliver on our commitment to protect what matters:

PROTECTING RESOURCES PROTECTING NATURE PROTECTING PEOPLE

For us, our commitment to protect what matters goes beyond preventing harm. We must also nurture, develop and encourage the planet's resources and ecosystems and our people and communities to flourish.





It is our ambition to reduce food waste and protect resources by using circular & low impact materials

Our purpose is to help reduce food waste by protecting food with packaging that uses sustainable resources and can be fully recycled in practice, protecting scarce materials and eliminating the need for waste. Our planet has limited resources and we are committed to finding ways to deliver our purpose of protecting food by using recyclable materials that protect resources for future generations. In our business we will reduce our own waste to zero and minimise water use to protect resources.

TRULY CIRCULAR



In order to protect the limited resources of our planet, we must aim for a truly circular economy for our food packaging. For us, this means that we must manufacture food grade packaging using recycled materials, thereby reducing the draw on "new" raw materials.

All of our products must also be circular designed, so once used, they can easily be recycled back into food packaging products. Only then can we achieve our goal of protecting resources for the long-term sustainability of our planet.

MAKING TRULY
SUSTAINABLE
CHOICES

As a large food packaging producer we will work closely with all stakeholders to help inform the industry on the packaging choices available to ensure retailers can choose the right packaging materials for the right reasons.

Knee-jerk reactions to move away from plastic packaging under pressure to find alternative solutions can in fact be worse for the environment. This can quickly cause even more serious environmental issues by increasing the demand on valuable resources, such as trees, rather than decreasing natural resource reliance.







Signum by Mannok offers retailers, food processors and consumers a viable solution to achieving a true circular economy for PET fresh meat packaging with a superior quality, mono material packaging product.



Our newest innovation, Recur by Mannok, is a truly circular economy food packaging solution made from jazz PET material – a mixed coloured PET material derived from post-consumer bottles, pots, tubs and trays. This previously "forgotten waste" was typically downcycled into non-food packaging applications, with an unsustainably heavy reliance on recycled post-consumer clear PET bottles within the food packaging industry.



LEADING BY

EXAMPLE

PLASTIC PLEDGE

As signatories to the Repak Plastic Pledge, we are committed to prioritising the prevention of plastic packaging waste, minimising avoidable single use packaging and promoting packaging reuse.

In addition to developing innovative new packaging solutions, we have a continuous improvement policy which ensures ongoing research and development to enhance our existing product lines to improve their recyclability or reduce plastic content, without compromising on the primary purpose of protecting food. This has lead to significant lightweighting across all our product ranges and the increase in recycled materials used in production.



REDUCE SINGLE USE PACKAGING

For our own employees, we have established an in-house recycling initiative to ensure all single use PET drinks containers used on-site are now internally recycled into PET meat trays. All 150 staff have also been provided with reusable water bottles and coffee cups to reduce waste and use of single use drinks containers.

IRELAND'S FIRST REVERSE VENDING MACHINE

As main sponsors of Ireland's first Deposit Return Scheme (DRS) machine, run by Carrickmacross Tidy Towns, Mannok worked with local partners to ensure plastic bottles were collected and recycled into food packaging all in the local region. Over 100,000 bottles from the scheme were recycled locally in the first 3 months of 2020.



NEXTLOOPP

In 2021 we joined the Nextloopp mission alongside international industry leaders to pioneer food grade recycled polypropylene (rPP) packaging from postconsumer packaging, which is 100% recyclable, 100% recycled and closes the rPP loop.

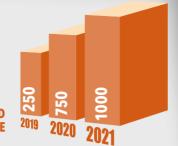


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OUR JOURNEY **SO FAR**



OF BLACK PLASTIC NOW RECYCLED & DIVERTED FROM LANDFILL SINCE ITS LAUNCH IN 2019











25K

PLASTIC DRINKING CUPS RECYCLED IN-HOUSE ANNUALLY TO MAKE PET TRAYS



TONNES
OF RECYCLED
RAW MATERIAL
USED IN 2020







PRODUCT LIGHT WEIGHTING SAVED

1000 Tonnes

OF PLASTIC PACKAGING ENTERING THE MARKET IN 2020 ALL STAFF
PROVIDED WITH
REUSABLE
WATER BOTTLES
AND COFFEE CUPS





NEW CHILLED WATER SYSTEM GIVING

34%

DUCTION IN ENERGY

CONSUMPTION



INNOVATION

We aim to make all the materials we use and products we manufacture support a sustainable and circular future

WE WILL

Make existing products even more sustainable.

Design new products to be part of a true circular economy.

ZERO WASTE

We strive to become a zero-waste site

WE WILL

Ensure zero waste will be sent to landfill.

Manufacture all our products to be aligned to recycling streams to ensure a circular economy.

INNOVATION

Our ambition is to ensure all the materials we use and products we make support a sustainable and circular future. We will continue our industry leading product innovation to reduce the draw on our planet's resources and achieve our goal to use more recycled content in our products.

66

Our planet has limited resources and we are committed to finding ways to deliver our purpose of protecting food by using recyclable materials that protect resources for future generations.

WE WILL

- Increase recycled content capability
- Explore alternative lower carbon raw materials
- Invest in the development of food grade post consumer recycled PP for the packaging industry
 - Align our product innovation with REPAK GOALS to:
 - Support Circular Economy
 - Simplify Polymers
 - Use Recycled

TARGET ONE

ALL OUR PET PRODUCTS WILL CONTAIN AT LEAST

50%

POST-CONSUMER RECYCLED MATERIAL

by 2024

TARGET TWO

ALL OUR VSP MEAT TRAYS WILL BE LIGHT-WEIGHTED BY

10%

OR MORE

by 2025

TARGET THREE

ALL OUR MAP
MEAT TRAYS WILL BE

MONO MATERIAL

(NO PE LAMINATE)

by 2026





ZERO WASTE

We are committed to eliminating waste from our production site by reusing what we can in our own operations, aligning to local recycling infrastructure, and discontinuing the use of any materials which cannot be recycled in practice.

WE WILL

- Provide recycling facilities for our office and factory staff to ensure all waste streams are properly separated for ease of recycling.
 - Collaborate with waste and recycling bodies to ensure our on site waste handling processes are aligned to recycling infrastructure.
 - Explore potential recycling options for material waste streams that are currently used for energy recovery.
 - Align with REPAK goals to prevent waste.

TARGET ONE

ZERO WASTE **TO LANDFILL**

by 2025

TARGET TWO

20%

OF PRODUCT SUPPLIED TO **CUSTOMERS WILL BE ON RETURNABLE** PLASTIC PALLETS

by 2025

TARGET THREE

REDUCTION IN THE AMOUNT OF WASTE SENT TO ENERGY RECOVERY

by 2026

No waste materials generated within our operations

will go to landfill.





It is our ambition to Protect Nature globally and locally

We will play our part to protect nature globally by minimising the carbon footprint of our manufacturing site by implementing further energy efficiency measures and exploring different ways to work and travel.

Locally, we are committed to creating positive change for our natural environment. We take pride in the initiatives for nature that we already have in place and will continue to protect nature locally in our community for the benefit of all.



ENHANCE

We are proud business supporters of the All Ireland Pollinator Plan, a nationwide initiative to address the decline in pollinator numbers across Ireland (including the bee population), which are crucial to preserving native Irish ecosystems. To date, we have planted a total of over 500K nectar rich flowers and native trees to benefit Ireland's pollinators.

With our very own beehives on site, looked after by members of our team, we have successfully increased our colonies and have almost trebled the number of native Irish dark honeybees on our sites. Around 140,000 bees now happily produce natural honey for the enjoyment of our staff!

PRESERVE AND RE-WILD

To date, we have planted and protected 1,000m² of wildflower meadows across our sites and preserved approximately seven acres of ground for the natural reversion to wildflower meadows. We have practically eliminated the use of herbicides and pesticides across our sites by mulching, strimming or letting areas of land grow wild.



DEVELOP

Working in collaboration with Ulster Wildlife, we have developed Natural Assets Action Plans for all our landholdings following an extensive land and biodiversity survey. The survey identified an extensive increase in biodiversity in the area surrounding Mannok, with many previously unseen butterflies and insects identified since the creation of our wildflower meadows.



WORKING IN PARTNERSHIP

Our environmental team engage with a range of partners to help protect the wildlife on our land and support scientific study of endangered species. From the careful re-location of protected butterfly species, to partnering with Queen's University on an observational study of kestrels nesting in a Mannok quarry. As part of our Kestrel partnership, we ran a campaign to raise awareness of the recently red-listed species with coverage in national and local media and a comprehensive local school's engagement project.

DE-CARBONISATION

All our products are manufactured using 100% green electricity generated from renewable sources for electric, heat and cooling supply. We have also taken our first steps to decarbonise our vehicle fleet with the installation of a number of EV Chargers across our divisions. The first of our electric vehicles joined the fleet in the form of zero emission 100% electric powered light commercial vehicles.



WE HAVE PLANTED HALF A MILLION

POLLEN AND NECTAR RICH FLOWERS AND NATIVE TREES INCLUDING:







180,000

SPECIALLY SELECTED SPRING FLOWERING BULBS



OUR BEEHIVES ARE HOME TO 140,000 BEES















NET-ZERO CARBON

We are working towards a net-zero carbon manufacturing business.

WE WILL

Only use 100% green electricity in our manufacturing.

Minimise our carbon output in every area of our business.

LOCAL ENVIRONMENT

We endeavor to enhance and protect the environment of our local community.

WE WILL

Protect and enhance our local region's biodiversity.

Utilise the land surrounding our business to increase our tree and wildflower planting activities.

NET-ZERO CARBON

It is our ambition to reduce all carbon emissions as much as possible throughout our manufacturing facilities and offset inevitable carbon to have zero carbon impact and protect the environment.

WE WILL

- Work with our partners and suppliers, such as hauliers, to build a carbon friendly supply chain wherever possible
 - Continue to invest in zero emissions powered vehicles to transform our vehicle fleet
 - Develop logistical solutions to enable the reduction in our journey quantities
 - Perform a renewable energy feasibility study
 - Upgrade & install an integrated energy monitoring system

TARGET ONE

ACHIEVE
ISO 50001
CERTIFICATION

by 2022

TARGET TWO

20%

INCREASE IN ENERGY EFFICIENCY

by 2026

TARGET THREE

20%

REDUCTION IN CARBON EMISSIONS

by 2026



MANNOK

SUSTAINABILITY

THIS IS A DEDICATED CARBON OFFSETTING SITE

THIS METHER MODOLAND BAN THOUST BE AROUND 400 YORKS I



TARGET ONE

BEEHIVE ON SITE WITH

250K
BEES

by 2022

TARGET TWO

FORESTRY ON SITE WITH

1000 TREES

by 2023



It is our ambition to Respect & Protect People throughout our value chain

Our safety first culture ensures the safety and wellbeing of all our employees is always our number one priority.

We strive to provide each individual with the opportunity to develop a fulfilling working life, enabling professional progression and personal wellbeing.

Likewise, we place great value on the wellbeing of the local community that supports us, and the community of people in our value chain who enable us to do business every day. Our commitment to ethical business practice extends throughout our value chain.





COVID-19

Through the Covid-19 pandemic, we introduced a comprehensive series of measures to mitigate risk to staff and contractors on site. We also worked closely with the local community to do our part for local hospitals and care facilities. We donated all available stocks of PPE at a time when these facilities needed them most, as well as giving a large volume of plastic sheet for the production of protective visors.

MENTAL HEALTH

We strongly advocate the need for good mental health and recognise that now more than ever, our people need to be supported to look after their mental wellbeing.

We have established a partnership with local mental health charity, AWARE and introduced a new Mental Health Charter to outline our commitment to the mental health of our employees. Managers from across our business have received mental health training and we have appointed and trained a number of mental health first aiders. We actively promote activities and advice on looking after your mental health and provide signposts to support services available through all our internal communications channels.





Every Mannok team member has access to career development opportunities to enable them to achieve their personal career goals and ensure they are fully equipped to succeed.

Our flagship, award winning Digital Skills Development Programme has been recognised as best in class as an innovative employee focused, digitally led programme.

Working in partnership with higher level education institutions, we have well established Apprenticeship and Graduate Programmes, and have implemented structured learning programmes to enable our employees to gain higher level qualifications.

As part of the company's Leading Excellence Programme, we have developed partnerships with the Institute of Technology (IT) Sligo and the University of Limerick, to deliver training programmes that enable staff to gain knowledge, skills and qualifications within the areas of Lean and Operational Excellence.

Our partnership with Athlone Institute of Technology (IT) enables the achievement of a BSc degree in Polymer Processing Technology through blended learning. This programme has been developed by Plastics Ireland along with Athlone IT, Institute of Technology Sligo and representatives from the plastics industry.



Employment & Prosperity

We are located in the heart of the border regions of Cavan and Fermanagh, with 15 facilities employing 830 people. It is a rural area which lacks the investment of prosperous urban regions, but is home to a hotbed of local talent. As one of the region's largest employers, we are committed to supporting this area through investment and involvement in the community which supports us.

One of our most significant local initiatives is our local schools' partnerships, which are designed to help retain local talent in this region for the social and economic benefit of all. Over the last five years, we have established three comprehensive partnerships with local schools, which have been recognised as leading examples of business and education partnerships through multiple awards successes.

Innovating Communities

We are financial partners for the delivery of Innovating Communities' local Cavan Programme, which aims to enhance innovation and creativity among communities and it is set to bring exciting benefits to local towns and villages. The Cavan project is delivering innovative and creative training modules to 900 people locally that will help support the development of initiatives to meet current challenges, whilst building capabilities to harness future opportunities through the adoption of new techniques and increasing problem-solving capability and confidence.

Social & Heritage

As part of our local community, we provide substantial support through our community sponsorship scheme to the social activities which matter to the people here and help make this region such a thriving community. From sports teams and individuals, social groups and local awards, to community events and building and facilities enhancement, our support of the local region involves significant investment and resource commitment annually.

We are proud to operate in a location with a unique heritage, which we are dedicated to preserving and restoring. We are actively engaged with local historical and heritage bodies with the aim of investing people and time in the area of heritage. We have supported a number of community building restorations and actively contribute to industry related local training schemes.

APPRENTICESHIP AND GRADUATE PROGRAMMES

















AWARD WINNING SCHOOLS PARTNERSHIPS



















PROFESSIONAL DEVELOPMENT









OUR PEOPLE

We strive to support people physically and mentally, and equip them to achieve their career goals.

WE WILL

Ensure all of our people have access to relevant and accessible career development opportunities.

Further support the physical and mental wellbeing of our people across all departments and levels.

OUR COMMUNITIES

We will support our local community through economic and social wellbeing initiatives and ensure the people in our value chain community are protected and treated respectfully and equitably.

WE WILL

Support local charities, initiatives and organisations through financial contributions and enable our employees to support these bodies through volunteering.

Uphold the highest ethical standards in our employment and procurement policies and prioritise ethical suppliers.



TARGET ONE

MENTAL HEALTH

ALL MANAGERS AND SUPERVISORS WILL RECEIVE MENTAL HEALTH AWARENESS TRAINING

by 2022

TARGET TWO

MENTAL HEALTH

ALL STAFF WILL HAVE ACCESS TO A PERSONALISED MENTAL HEALTH AND **WELLBEING SUPPORT PROGRAMME**

by 2022

TARGET THREE

EXPAND THE SKILLS DEVELOPMENT **PROGRAMME TO INCLUDE ALL STAFF**

by 2023

TARGET FOUR

HEALTH & SAFETY

REDUCE LOST TIME ACCIDENTS TO ACHIEVE AN ACCIDENT FREQUENCY RATIO OF < 1.0

by 2024





TARGET ONE

ESTABLISH SUPPLIER CODE OF CONDUCT

by 2022

TARGET TWO

£30K

TO BE RAISED FOR **LOCAL CHARITIES**

by 2024

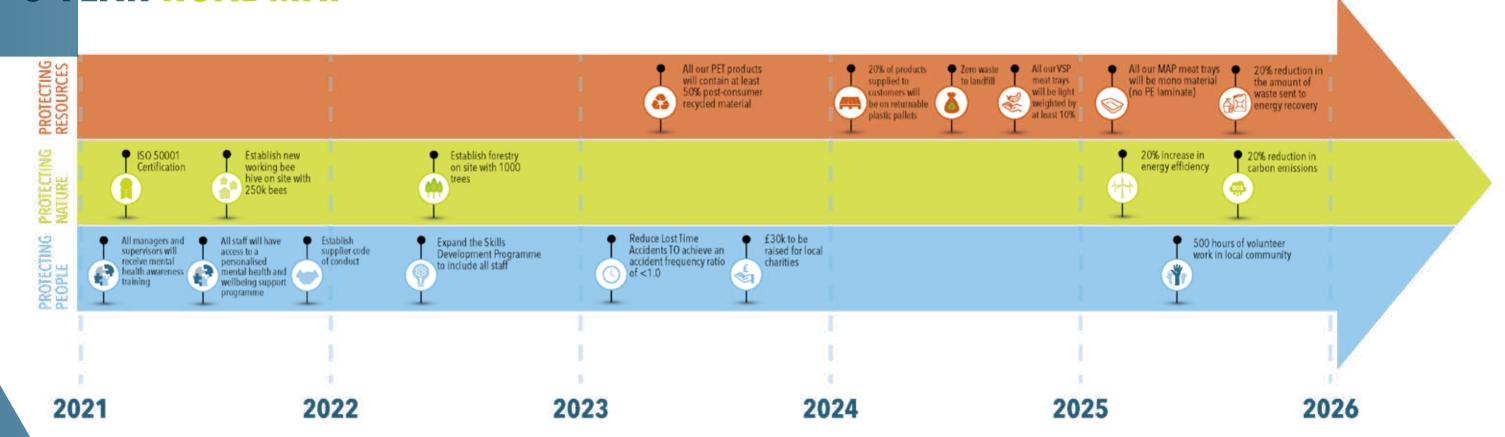
TARGET THREE

500 HOURS

OF VOLUNTEER WORK IN LOCAL COMMUNITY

by 2026

5_YEAR ROADMAP



EXCELLENCE IN ACTION



SILVER AWARD WINNER



BEST USE OF TECHNOLOGY AWARD WINNER

A MANNOK



























Business & Biodiversity Charter 2021-2024 Silver







5.8



