

# Sustainability Pledge & Roadmap



Dr Helene Roberts  
CEO

ROBINSON

# About Robinson

**Custom packaging with value-added sustainable solutions for hygiene, safety, protection and convenience**

Headquartered in Chesterfield, UK, with two plants in the UK, two in Poland, and one in Denmark.

Employing nearly 400 people.

Former family business with origins dating back to 1839.

## Customers



# Our markets

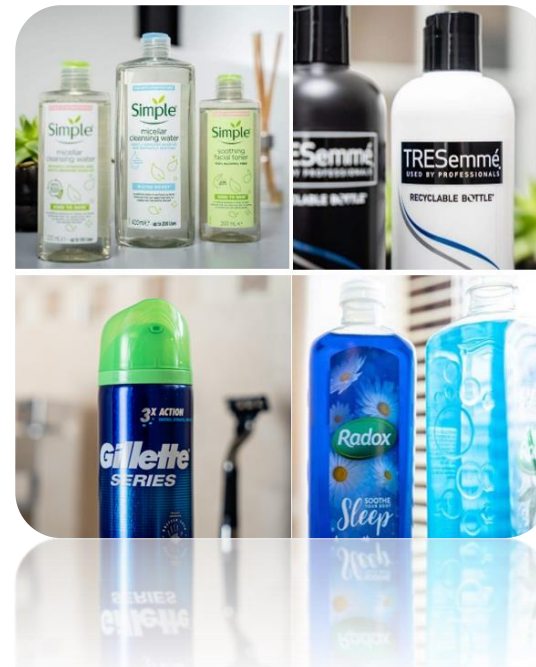
## Food & Drink



## Homecare



## Personal Care & Beauty

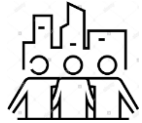


## Luxury Gifts



# What do all our stakeholders require of us?

Employees



Customers/Brands,  
Retailers



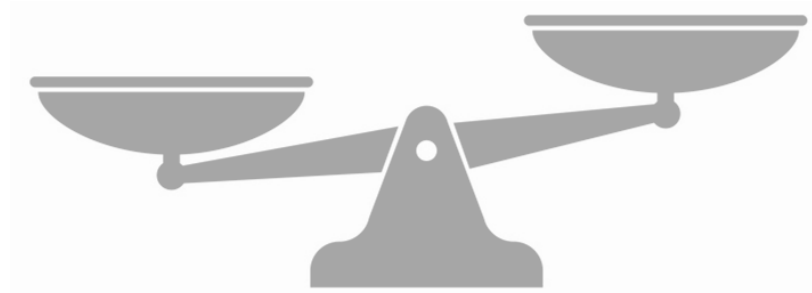
Government



NGOs &  
voluntary  
platforms



Board/Leadership/Managers



Media



Investors



Waste management,  
suppliers & recyclers



Consumers, local  
communities, and the broader  
society

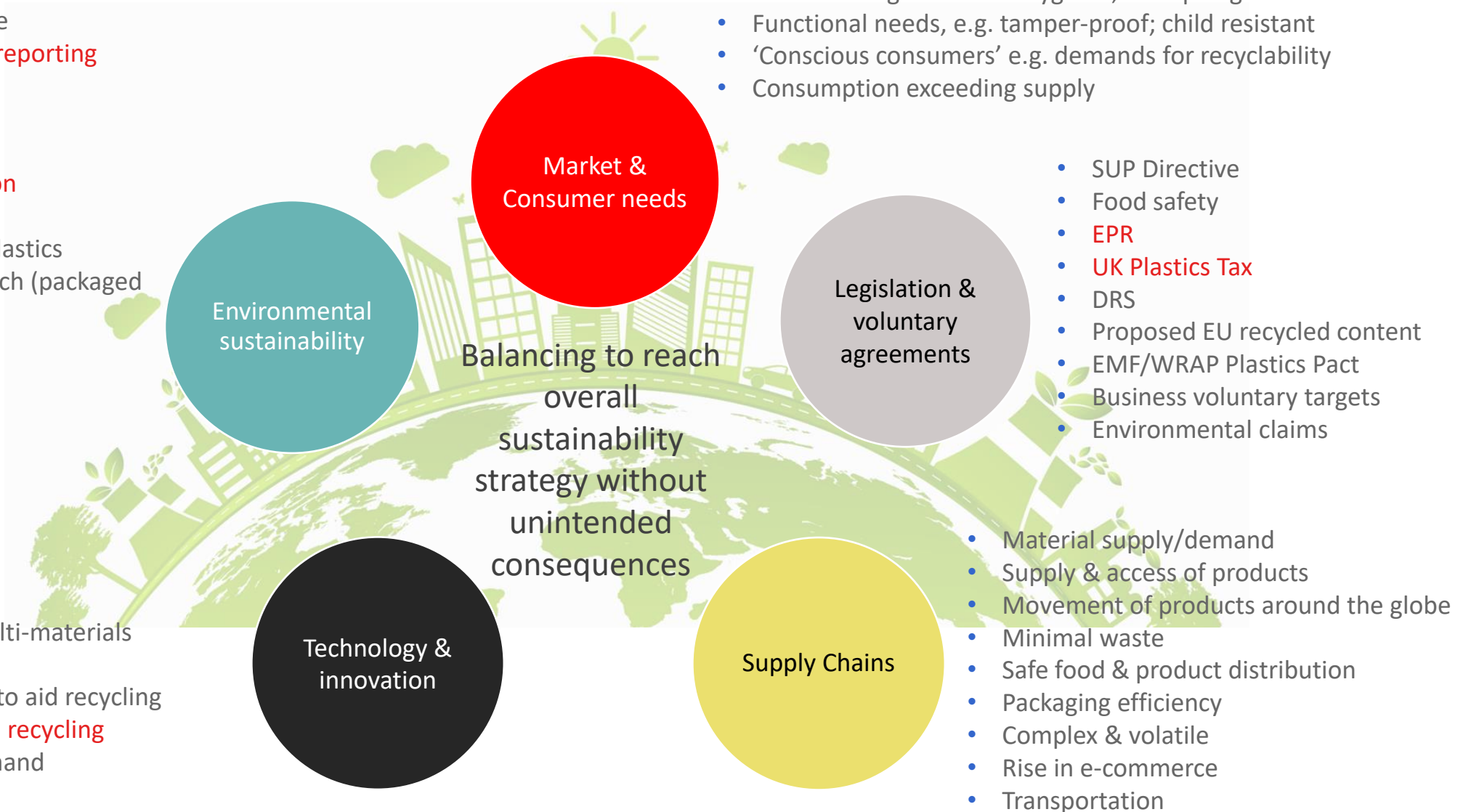


Industry  
associations



# Drivers impacting plastic packaging materials selection & design

- Circular economy of resources
  - Net zero to new positive
  - **ESG; transparency and reporting**
  - Energy supply/demand
  - Material conservation
  - Packaging waste
  - **Climate change & carbon**
  - Food & product waste
  - Littering & leakage of plastics
  - Shift to lifecycle approach (packaged products as a system)
- 
- New materials, e.g. plant based; biobased
  - Polymer technology
  - Product protection
  - Light-weighting
  - Recyclability
  - Recycled content
  - Intelligent, complex multi-materials
  - Reusables; refillables
  - Reduction of materials to aid recycling
  - **Chemical vs mechanical recycling**
  - Material supply vs. demand
  - Digital platforms





# ESG: Transparency & Reporting

- ESG Strategy
- Gather information internally
- Reporting framework in place (GRI, ISO26000, SASB)
- Ensure reliability and transparency in reporting
- Communicate how ESG report aligns with business strategy to all stakeholders:
  - Customers
  - Employees
  - Investors
- Flex to meet future legal reporting requirements:
  - 2023 EU Corporate Sustainability Reporting Directive for all listed companies and large 'public interest' companies



# Introduction

**Our purpose: we go above and beyond to create a sustainable future for our people and planet**

Sustainability: doing what we do, with the future of people and the planet in mind.

The world is changing fast. We must create an economic system that supports this change.

We know the importance of trust: it's more than just who keeps their word. It's who you turn to when the stakes are high and your appetite for risk is low. Who you can rely on to think outside the box to create solutions, using creativity to overcome any challenges along the way, whatever it takes. It's about going **above and beyond**.

In an industry whose products are used every day, we understand that we must make the most of the resources we use. By improving our social and environmental benefits, we create a **sustainable future**.

Our aim is circularity: to recover, regenerate and restore all products and materials at the end of their useful life. We also understand our social responsibility: our duty to **our people** while protecting the communities in which we operate through food and consumer product hygiene and safety. What we do must bring positive impact to **our planet**, addressing the most significant environmental challenges, such as climate change, resource scarcity, food waste and the leakage of plastics into our marine and land environment.



Robinson CEO,  
Dr Helene Roberts

# Guiding our sustainability journey

Our sustainability pledge underpins our business strategy, delivering packaging with purpose and focusing on where we can deliver the greatest benefit for people and planet



	<p><b>We want our people to thrive, enabling our team to reach their potential in a culture that prioritises health and wellbeing.</b></p>	<p><b>Our goals</b></p> <ul style="list-style-type: none"> <li>• People development plan by 2023</li> <li>• Zero accidents every year</li> <li>• Champion employee health and wellbeing</li> </ul>	<p><b>The UN SDGs we can have the greatest impact on</b></p>
	<p><b>We will extract maximum value from the resources we use in our operations, recovering and restoring materials at the end of their life.</b></p>	<p><b>Our goals</b></p> <ul style="list-style-type: none"> <li>• Zero waste to landfill by 2021</li> <li>• Net carbon positive by 2030</li> <li>• Sustainable buildings by 2025</li> </ul>	<p><b>The UN SDGs we can have the greatest impact on</b></p>
	<p><b>We will enable our customers to contribute to building a circular economy by applying purposeful design, using recycled content and making our products recyclable.</b></p>	<p><b>Our goals</b></p> <ul style="list-style-type: none"> <li>• 10% virgin plastic reduction by 2025</li> <li>• Maximum recycled content by 2022</li> <li>• All products fully recyclable by 2022</li> </ul>	<p><b>The UN SDGs we can have the greatest impact on</b></p>
	<p><b>We will drive shared commercial value and income streams beyond current business models, collaborating with our customers and partners to regenerate local economies.</b></p>	<p><b>Our goals</b></p> <ul style="list-style-type: none"> <li>• Build sustainable business environments</li> <li>• Greener spaces and habitats</li> <li>• Offer reusable products</li> </ul>	<p><b>The UN SDGs we can have the greatest impact on</b></p>
	<p><b>We will deliver real social and environmental benefits to our communities, educating the next generation of change-makers and bringing more sustainable initiatives to the areas where we operate.</b></p>	<p><b>Our goals</b></p> <ul style="list-style-type: none"> <li>• Offer career-enhancing work experience and opportunities</li> <li>• Engage schools on benefits of packaging and recycling</li> <li>• Give back to our communities every year</li> </ul>	<p><b>The UN SDGs we can have the greatest impact on</b></p>



# Rigid boxes

- Strong sustainability credentials and designed for re-use
  - 100% recyclable all solid board
  - 100% recycled content
  - FSC certified (Licence code: FSC-C186000) Forest Stewardship council ® (FSC)
- Design capability to engineer and minimise materials required
- Over £500k investment in more efficient machinery to reduce our carbon footprint
- Working with our customers who want to reduce their supply chain complexity and carbon footprint by moving to a more local source of rigid boxes
- Working towards B corp accreditation



# Sustainable material strategy: recycled PET / HDPE / PP



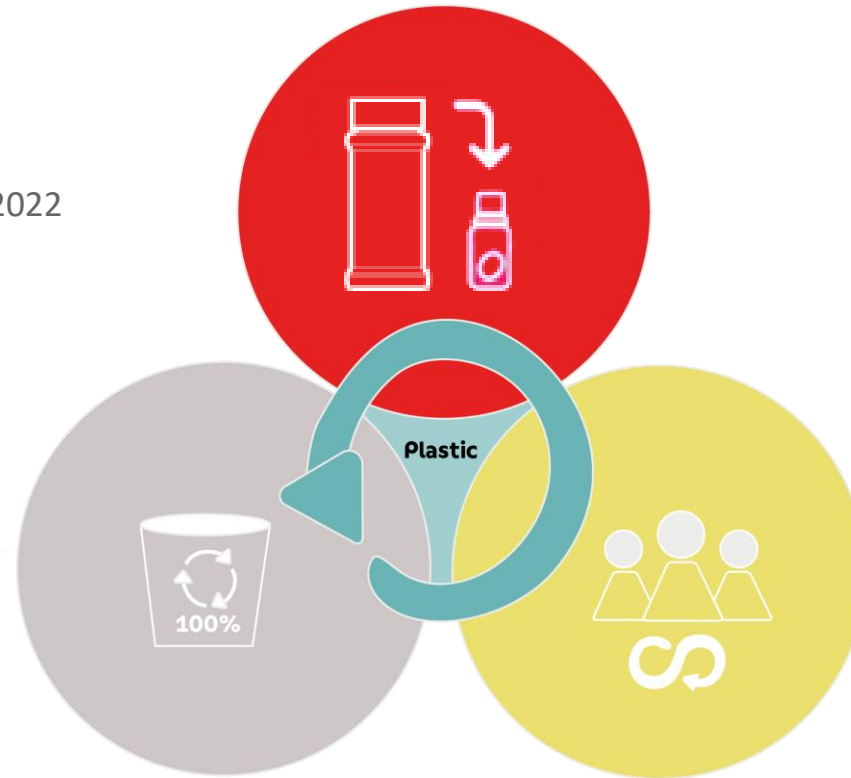
## 10% virgin plastic reduction by 2025

- Product redesign, lightweighting
- Switching/increasing recycled content
- Target achieved ahead of plan by the end of 2022



## All products widely recyclable

- Reduce single-use plastic, remove all non-recyclable materials
- Eliminate materials that hinder recycling
- Target achieved. 100% of our products are now widely recyclable.



## 30% recycled plastic content



- Drive collection and recycling of more material than we put on the market
- Invest in partnerships to source long-term stable supplies of high quality recycled materials
- Develop closed loop supply chains for a circular economy
- Progress made with 15% and aiming to achieve 20% recycled content by the end of 2023

# Circular solutions through systems thinking

## rPE

Secure supply of local rHDPE in Poland, Denmark & Sweden through industry collaborations that mean circular use of waste materials back into product rather than ending up in incineration or landfill.

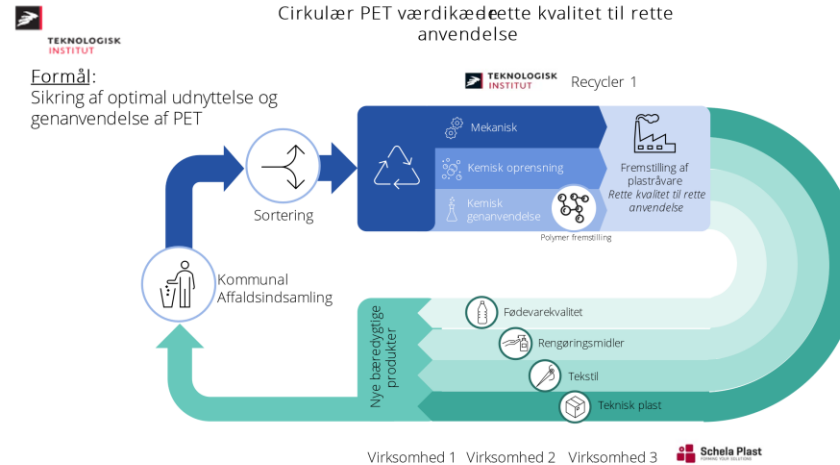


### New packaging made from local recycled plastic

Nopa Nordic has just launched new packaging made from 100% local household plastic waste. Our Danish business is one of the strategic partners who are manufacturing the closed loop packaging, collaborating with Aage Vestergaard Larsen A/S who produce the post-consumer recycled material, and DAMIFO who collect and sort the household waste. This kind of collaboration has not previously been seen in Denmark and is an innovation for the industry to reduce the amount of plastic wasted. This new and unique initiative will close the loop on millions of plastic bottles in Denmark, contributing towards a plastic circular economy. "This initiative is contributing to the green transition, and we are proud to have reached the goal in that millions of plastic bottles in the coming years will be made from plastic waste from local households." - Nopa Nordic

## rPET

Secure supply of rPET in all countries, developing a local circular economy in Scandinavia to prevent waste from ending up in incineration.



## rPP

Developing 2 innovative new routes for supply of Food Grade rPP in Europe. This ground breaking material is available for customer trials and we are driving for commercial availability in 2023.



### Robinson joins ground-breaking NEXTLOOPP project

We have joined forces with NEXTLOOPP to deliver, for the first time, a supply chain model to close the loop on food-grade recycled polypropylene (rPP).

In Europe, PP consumption accounts for 10 million tonnes per year with 40% used for consumer packaging. About 70% of this consumer packaging is for food packaging which typically gets recycled into non-food applications as currently there is no viable solution for the generation development of food-grade rPP material from mechanical recycling. Our sustainability pledge and legislative targets for recycling and increasing recycled content in packaging will only be met if we make transformational changes and create a clear pathway to a circular PP model in which we are producing PP food packaging that includes sustainability sourced rPP derived from mechanically recycled food packaging. That is why NEXTLOOPP is so critical. Managed by leading environmental consultants Nextek, the consortium is a team of expert organisations across the PP and food supply chain, including Robinson.

- Secure supply of recycled material for all plastics we sell
- Establish a centre of excellence and then apply across the group
- Collaboration with partners, including customers (Nopa, Stryns and Unilever)
- Vehicle for growth whilst doing the right thing

# NEXTLOOPP

- development project

“Closing the loop on food grade PP”



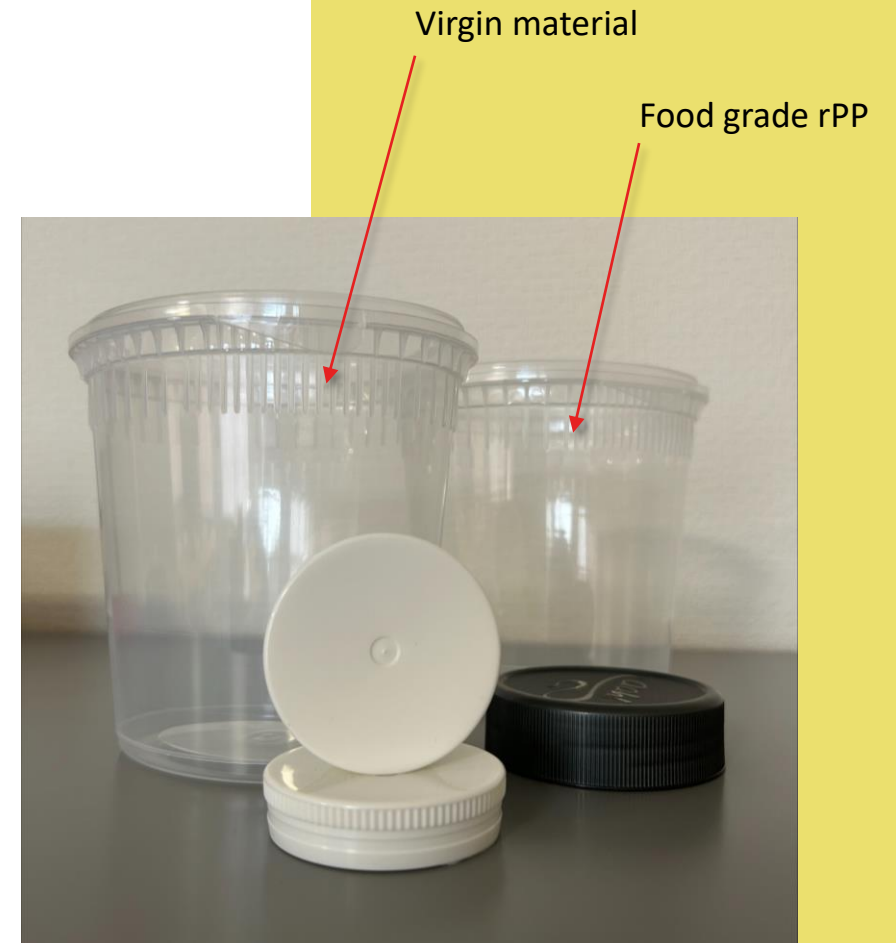
- Developing the infrastructure in the UK for recycling PP into food grade.
- Production of food grade PP for re-use into consumer products, including cosmetics and food.
- Working towards establishing certification by EFSA and USFDA for the manufacture of Food Grade rPP material and awaiting for approval by EFSA through the Novel Technologies process within the next 6 months.
- Nextloop gives us the opportunity to trial early production materials in bespoke products, with great results to date.



# Food grade recycled PP

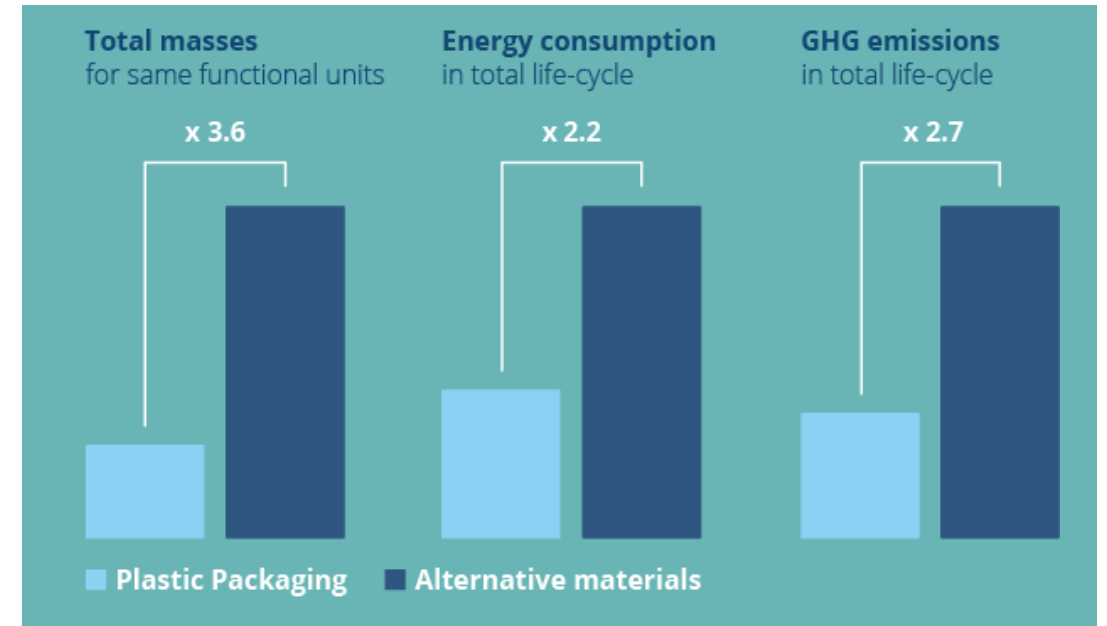
## - development project

- We have worked with our EU partner to develop a mechanically recycled Food Grade rPP material
- Certified by Recyclas as Post Consumer Waste
- In the process of securing certification from the FDA and registration with the EFSA
- Available in both transparent and coloured and subject to trials, can be applied from 30% to 100% recycled content
- Suitable for all injection moulded applications that we currently manufacture.

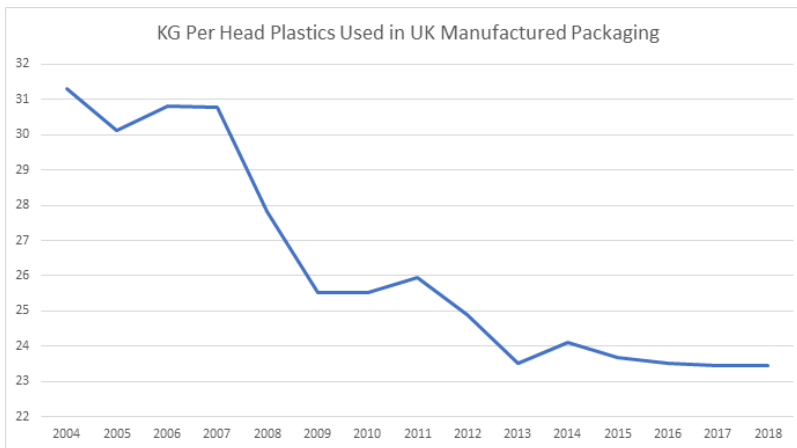


# Climate Change & Carbon

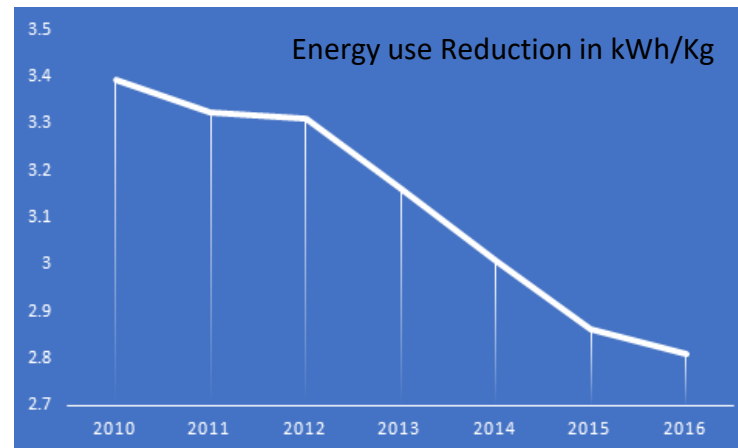
- Progressively decarbonise feedstock
- Continue to improve resource efficiency and reduce energy use
- Adopt sustainable design principles based on both resource efficiency and end of life
- Employ consistent and universal collection of all plastics from businesses and consumers
- Deploy the appropriate end of life solutions



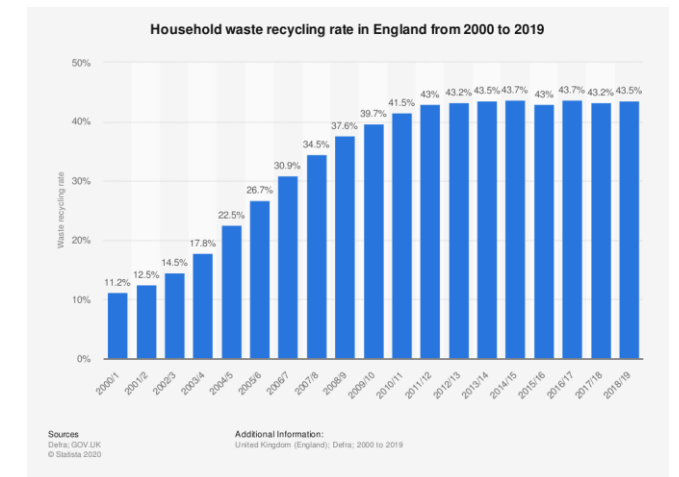
Source: Heriot Watt University Study, 2018



Source: BPF



Source: BPF



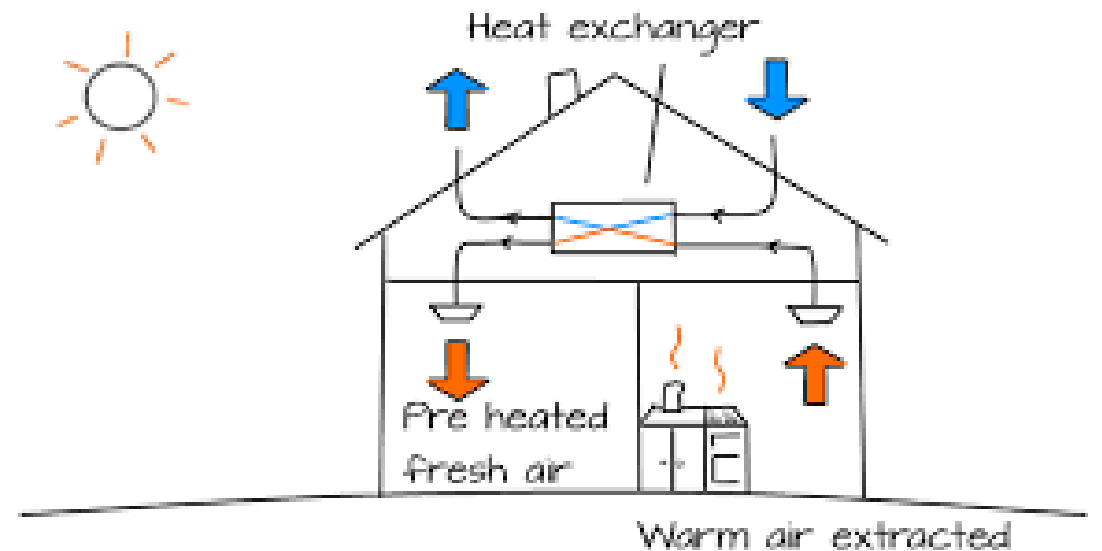
# Reducing carbon through energy efficiency



- New energy-efficient machines and production cells within our sites
- Aligning our investments for sustainable growth
- Focusing on measuring and reducing carbon emissions from our operations (includes all our buildings)
- Investigation into lower carbon sources of energy and self generation technologies.

## Current Development:

- Taking latent heat from our equipment
- Using it to heat offices and warehousing
- Removing the need to buy gas for central heating
- Implemented in the UK and Denmark so far



# 2022/2023 – where are we at?

## Transformation



### Creating a circular economy

- Our goal is to re-use resources such as plastics and energy for as long as possible, with minimal waste.
- 51% of our HDPE in Denmark in 2022 was made from post-consumer recycled plastic.
- 15% recycled content across all plastics and estimate 20% by end of 2023.

## Intelligence



### Virgin plastic

- Since 2020 the overall volume of plastic processed by the Group has reduced by 12%.
- The amount of virgin material used has reduced by 22%.
- These are both well ahead of our 2025 target date.
- All plastic and paperboard products that we place on the market are widely recyclable meeting our target date of end 2022.

## Regeneration



### Operating beyond business as usual

- During the first quarter in 2022, we achieved our target of 0% of our waste going to landfill and have maintained it since.
- Energy and carbon reduction measures for our buildings are integrated into our carbon management.
- Refurbished unit at Kirkby-in-Ashfield helps us to introduce a more carbon efficient approach.
- Introduced new technology in UK and Denmark to reuse latent heat from our operations in other areas of the factory.

## People



### Thriving people

- The introduction of short, actionable internal surveys with our people on a regular basis.
- Development and training opportunities for all staff.
- Diversity of experience from a variety of perspectives, skills and backgrounds.
  - Including being a part of the UK Armed Forces Covenant, an employer recognition scheme.

## Community



### Giving back to the community: 2022...

- Our UK team supported the Children's Hospital Charity by running a 10k, raising almost £1,000.
- They also donated kit for an Under 9 Girls' football team, benefiting 200 children in the local community.
- Our Polish team partner with the local volunteer fire brigades for safety training and in turn donate money for the cause.
- They also purchased medical supplies and transported them to the Ukraine border.
- Our team in Denmark run various fundraising events for the local orphanage.



*Together since 1839*