Contents

- Introduction
- Who is involved
- Next steps
- Testimonies
- Roadmap
- Annex
- Our vision
- Monitoring and reporting
What is the European Plastics Pact?

The European Plastics Pact is a frontrunner initiative, bringing together leading countries and private organisations from the entire plastics value chain and from across Europe.

The European Plastics Pact has set ambitious common targets and aims to encourage cross-border connection, cooperation, innovation, and harmonisation at the European level, to accelerate a circular plastics economy in Europe.
Why do we need a regional pact?

Despite the many benefits plastics provide us, we face a huge challenge in reducing our plastic wastage and littering.

European countries have different policies, infrastructure, and experiences to eliminate plastic waste; but national regulation and actions often come up short in the face of regional and international challenges. This regional Plastics Pact aims to build greater momentum and change on the topics that go beyond what individual countries, sectors or businesses can achieve on their own. By collaborating and sharing best practice whether it be on design, business models, policy, innovation or citizen engagement, we aim to deliver greater impact and bring about a truly circular economy for plastics in Europe.

It hopes to identify opportunities to develop a European circular market for plastics that brings positive economic, environmental, and social impact for the region.

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2. Plastics Europe Market Research Group (PEMRG) and Conversion Market & Strategy GmbH
4. Plastics Europe (2019). Plastics – The Facts 2019. This figure was calculated using the current available methodology which is subject to change

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Plastics are strong, durable and versatile and can help cut carbon emissions

51.2m tonnes of plastic consumed in Europe 2018

40% of plastic is used for producing packaging

95% After short first-use, 95% of plastic packaging value is lost

42% of plastic packaging is recycled in Europe

1.5m tonnes of plastic waste is still exported in 2019
Our targets: mastering the use of plastics

The European Plastics Pact has four targets, each of them led by a specific working group.

1. **Design for reusability and recyclability**
   Design all plastic packaging and single-use plastic products placed on the market to be reusable where possible and in any case recyclable by 2025.

2. **Responsible use of plastics**
   Move towards a more responsible use of plastic packaging and single-use plastic products, aiming to reduce virgin plastic products and packaging by at least 20% (by weight) by 2025, with half of this reduction coming from an absolute reduction in plastics.

3. **Collection, sorting and recycling**
   Increase the collection, sorting and recycling capacity by at least 25 percentage points by 2025 and reach a level that corresponds to market demand for recycled plastics.

4. **Use of recycled plastics**
   Increase the use of recycled plastics in new products and packaging by 2025, with plastics user companies achieving an average of at least 30% recycled plastics (by weight) in their product and packaging range.

* Reduces of plastics could be achieved through the removal of unnecessary packaging, alternative packaging design, innovative or rediscovered business models or different product design, while avoiding unintended environmental consequences.
Introduction

Scope

The European Plastics Pact covers all plastic packaging and single-use plastics products consumed in European Economic Area and in the Member States of the European Free Trade Association, regardless of place of production.

This includes packaging and single-use plastic products originated either from households or industries and commerces in the retail, hospitality and manufacturing sector. Household packaging and single-use products considered can be those consumed at home or out of home (restaurants, work, etc.).

Although the Pact focuses on the circularity of plastics within packaging and single-use products, post-consumer recycled plastics from these waste streams can be used in other sectors as well, e.g. building and construction, the automotive industry, clothing and textiles, and consumer electronics.

Discarded packaging and single-use products mainly originate from households, consumed at home, work and business or out of home.
Bringing all parts of the supply chain together across Europe is no mean feat. It means building consensus amongst partners and maintaining focus on solutions and action. I would like to thank the national governments, front running businesses and other visionary organisations who are providing the leadership of this exciting initiative, the first regional Plastics Pact that aims to drive systemic change in the entire plastics value chain across a continent. Their vision was key to establishing the Pact and their commitment, key to maintaining momentum.

I am impressed by the speed and breadth of commitment by all the signatories and I’m delighted that WRAP has been chosen to play a leading role in the European Plastics Pact. The road ahead will be challenging, but the destination is a world free of the scourge of plastic pollution.

""

The European Plastics Pact is a major step towards creating a circular economy for plastic, and the first supranational initiative to join the Ellen MacArthur Foundation’s global network of Plastics Pacts.

We applaud the leadership shown by the Dutch, French, and Danish governments to develop this ambitious plan, joining forces with governments and businesses across Europe to eliminate the plastics we don’t need and innovate, so the plastics we need can be circulated in the economy and kept out of the environment.

""
For the Swedish Government it has been important to support the European Plastics Pact as it shows willingness from ambitious countries and front running companies to go beyond what is required to achieve a sustainable use of plastics. Our hope is that the success of this Pact will show other regions what is possible to achieve and that both countries and companies from the whole value chain are ready to move towards ambitious global action on plastics.

If we want to tackle climate change, we need to look beyond energy to materials. We have to start treating plastic as the valuable raw material it is and keep it out of our oceans. We strive to reuse all plastic in the future. From your daily chocolate bar wrapper to the shampoo bottle and no easy task. We need the chemical industry to develop easily recyclable plastic. We need more recycling capacity and we need new product design. I am proud that with all these front-runners we are putting together our efforts to make this work.

As we all know, plastic is a remarkable material. It is essential for many products and it helps us solve many problems. The European Plastics Pact is not about abandoning the use of plastic altogether. It is about adapting to a use of plastic that is greener, smarter and more sustainable. Where plastic no longer ends up circulating in our oceans but is recycled by our companies. I believe the pact is a unique opportunity for governments and businesses to work together across the whole value chain for a greener future. A future we need to seize!

Every minute one garbage truck of plastic is dumped into our ocean to the point that we now have a “seventh continent of plastic” on the surface of the globe. We need to act, with determination. We need to deliver. And this Pact provides us all with a unique opportunity, to exchange ideas, display good practices and discuss the key challenges ahead.
The European Plastics Pact Roadmap will guide and mobilise members and supporters to tackle plastic pollution by taking action. By defining the key outcomes and activities required to achieve the ambitious targets provides a time-bound focus for the Pact.

The Roadmap also intends to signal to the wider sector, including national government departments, city authorities, NGOs, investors, packaging/product designers, brand owners, retailers and others who are not currently members of the European Plastics Pact but have a crucial role to play in reaching the Pact targets.

Achieving these targets will bring important economic, social, and environmental benefits for Europe, however it will require collective action, commitment, and significant investment. No single organisation or individual can do this alone. It requires a systemic shift, involving collective action by businesses from across the plastics value chain, governments, and civil society.

The Roadmap is a living document and will be constantly reviewed and adapted to fulfil its purpose.

"No single organisation or individual can do this alone. It requires a systemic shift, involving collective action by businesses from across the plastics value chain, governments, and civil society."
Our vision

2025 vision

A common vision aligns all actors on a joint understanding of what is the ideal scenario for the future.

It guides the search for solutions and aligns actions taken in the European Plastics Pact on a common direction of travel. The European Plastics Pact adopts the New Plastics Economy Global Commitment vision where plastic never becomes waste or pollution.

This vision is has three key principles

**Eliminate**

all problematic and unnecessary plastic items.

**Innovate**

to ensure that the plastics we do need are reusable, refillable, recyclable, or compostable.

**Circulate**

all the plastic items we use to keep them in the economy and out of the environment.
Our vision

2025 vision by sector

**Governments**

- Policies are implemented to eliminate problematic and unnecessary plastic packaging.
- Citizen awareness campaigns aligned to the values and messages of the Pact are successfully implemented across Europe.
- Policies are implemented to enable the scale-up of reuse models.
- Policies are implemented to incentivise the increase of recycling capacity and reduce the exports of waste outside Europe.
- Knowledge-sharing and sector understanding undertaken across Governments.
- Green public procurement strategies are in place to encourage sustainable use of plastics.

**Businesses**

- Businesses have eliminated problematic and unnecessary plastic packaging from their portfolio (based on agreed list).
- Reuse and refill systems are implemented at scale, thereby reducing the amount of single-use plastic packaging.
- All plastic packaging is designed – and clearly labelled for the consumer – to be recycled, reused or composted.
- Businesses have committed and are increasing the recycled content in their plastic packaging.
- There is sustained, increased demand for recycled plastic in Europe due to growth in existing markets and the unlocking of new markets and applications for recycled plastic.

**Recycling sector**

- There is increased capacity for recycling within Europe, reducing the reliance on exporting plastic waste for recycling.
- New recycling and sorting technologies and capacity are operational resulting in new recycling opportunities and improved performance.
- The quantity and quality of jobs in the collection, sorting and recycling sector has increased.
- Plastic recyclers are able to produce high quality recyclate due to the improved quality of inputs and technologies.
- Higher participation of investors and technology providers in the waste management sector help increase recycling rates and the quality of recycled material within Europe.

**Citizens**

- Consumers are educated on plastic packaging, value circular plastics and are active in keeping plastics out of the environment.
- Citizens have an improved understanding of what is recyclable and what is not and participation in recycling programmes has increased.
- Citizens are increasingly aware of reuse and refill options and request these at point-of-sale and actively engage programmes with reuse where available.
Who is involved

Support all over Europe

As at November 2020, the European Plastics Pact has 143 signatories, from 20 European countries.

Key
- Business signatory
- National government signatory
- Other signatory
- Has a Plastics Pact, part of the EMF network

Members
- Number of national governments: 15
- Number of businesses: 82
- Number of other organisations, including business associations: 43
# Who is involved

## Key plastics initiatives that impact the European Region

There are many international initiatives that are connecting public and private stakeholders to tackle plastic waste. Some of the key initiatives that are aligned with the European Plastics Pact’s targets are given in the table.

The value of the European Plastics Pact is to supplement these initiatives with cross-border connection, harmonisation, and cooperation between stakeholders. All these actions together will inspire others to follow suit and help accelerate the systemic shift to a circular plastics economy in Europe.

The Pact will help signatories comply with and go beyond European legislation and strengthen European processes. It will respect European environmental standards and the integrity of the internal market.

<table>
<thead>
<tr>
<th>Initiative</th>
<th>Leading organisation</th>
<th>Description</th>
<th>Focus</th>
</tr>
</thead>
<tbody>
<tr>
<td>United Nations Global Partnership on Marine Litter (GPML)</td>
<td>United Nations</td>
<td>The GPML is a multi-stakeholder partnership that brings together all actors working to prevent marine litter and microplastics. By providing a unique global platform to share knowledge and experience, partners are able to work together to create and advance solutions to this pressing global issue.</td>
<td>Global</td>
</tr>
<tr>
<td>Basel Convention</td>
<td>United Nations</td>
<td>The Basel Convention is a multilateral environmental agreement to protect human health and the environment against the adverse effects of hazardous wastes by establishing standards to control the transboundary movements of hazardous wastes and their disposal.</td>
<td>Global</td>
</tr>
<tr>
<td>New Plastics Economy Global Commitment</td>
<td>Ellen MacArthur Foundation and UN Environment Programme</td>
<td>The New Plastics Economy Global Commitment unites over 450 businesses, governments, and other organisations behind a common vision and targets to address plastic waste and pollution at its source.</td>
<td>Global</td>
</tr>
<tr>
<td>Global Network of Plastic Pacts</td>
<td>Ellen MacArthur Foundation and Local Partners</td>
<td>The global Plastics Pacts are a network of initiatives that bring together all key stakeholders at the national or regional level to implement solutions towards a circular economy for plastics. Each initiative is led by a local organisation and unites governments, businesses, and citizens behind the common vision with a concrete set of ambitious local targets. In Europe there are Pacts in 5 countries: France, The Netherlands, Portugal, Poland and the UK.</td>
<td>Global</td>
</tr>
<tr>
<td>Circular Plastic Alliance</td>
<td>European Commission</td>
<td>The Circular Plastics Alliance is an initiative under the European Strategy for Plastics (2018) that seeks to catalyse voluntary pledges by industry to help plastics value chains boost the EU market for recycled plastics to 10 million tonnes by 2025.</td>
<td>Europe</td>
</tr>
<tr>
<td>The EU Circular Economy Action Plan</td>
<td>European Commission</td>
<td>The Action Plan announces initiatives along the entire life cycle of products, targeting for example their design, promoting circular economy processes, fostering sustainable consumption, and aiming to ensure that the resources used are kept in the EU economy for as long as possible.</td>
<td>Europe</td>
</tr>
<tr>
<td>EU Plastics Strategy</td>
<td>European Commission</td>
<td>This strategy lays the foundations to a new plastics economy, where the design and production of plastics and plastic products fully respect reuse, repair and recycling needs and more sustainable materials are developed and promoted.</td>
<td>Europe</td>
</tr>
</tbody>
</table>
Roadmap outcomes

**2021**
- Agreed list of prioritised problematic and unnecessary items to eliminate by Pact members
- Best practice guidance to increase in recyclability through improvement in material choice
- Pan-European on-pack recycling labelling review for consistency
- Problematic additives identified and plan to phase out of plastic packaging proposed

**2022**
- Reduction in plastics usage (across brands & retailers and member countries)
- Reuse/refill systems are mainstream across participating countries
- Market Assessment developed to identify and explore opportunities in closing the gaps between material production, recycling capacity, recycling rates and end market demands
- Policy alignment: national, city and supra-national policies positively support circular economy targets

**2023**
- Waste management sector alignment: businesses and investors embed circular economy principles in their policies and operations to positively support the targets
- Business alignment: businesses embed circular economy principles in their policies and operations to positively support the targets
- Citizen engagement: citizens engaged to positively support the targets at home, work and out of home

**2024**
- Food grade recycled PE developed and available for the market
- Food grade recycled PP developed and available for the market

**2025**
- Technical innovation developed for more efficient labelling
- Pan-European on-pack recycling labelling review for consistency
- Problematic additives identified and plan to phase out of plastic packaging proposed
- Market Assessment developed to identify and explore opportunities in closing the gaps between material production, recycling capacity, recycling rates and end market demands
- Policy alignment: national, city and supra-national policies positively support circular economy targets
- Waste management sector alignment: businesses and investors embed circular economy principles in their policies and operations to positively support the targets
- Business alignment: businesses embed circular economy principles in their policies and operations to positively support the targets
- Citizen engagement: citizens engaged to positively support the targets at home, work and out of home
- Food grade recycled PE developed and available for the market
- Food grade recycled PP developed and available for the market

**2021 2022 2023 2024 2025**

**Roadmap outcomes**

**Target 1**

**Target 2**

**Target 3**

**Target 4**
Target 1

Design for reusability and recyclability

Design all plastic packaging and single-use plastic products placed on the market to be reusable where possible and in any case recyclable by 2025.

This target focuses on defining and testing how best to design plastic packaging for reuse and recyclability and aims to bring consistency to existing design guidance and labelling in order to ensure harmonisation and standardisation to be achieved across Europe.
## Target 1
### Design for reusability and recyclability

<table>
<thead>
<tr>
<th>Outcomes</th>
<th>Key activities</th>
<th>Target by²</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Outcomes</strong></td>
<td><strong>Key activities</strong></td>
<td><strong>End 2021</strong></td>
</tr>
<tr>
<td>Publish criteria that leads to the elimination of agrees list of problematic and unnecessary items by Pact members</td>
<td>Define criteria for prioritising the problematic and unnecessary</td>
<td></td>
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<tr>
<td></td>
<td>and unnecessary items</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Define the problematic and unnecessary items list to eliminate in phase 1</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Define the problematic and unnecessary items list to eliminate in phase 2</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Develop and implement communications campaign for citizens to refuse to use problematic and unnecessary items</td>
<td></td>
</tr>
<tr>
<td>Problematic additives identified and phased out from plastic packaging</td>
<td>Research and produce a list of positive and negative additives</td>
<td></td>
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<tr>
<td></td>
<td>Investigate additives used against design intentions</td>
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<tr>
<td></td>
<td>Define and communicate the implications for black pigments on recycling</td>
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<tr>
<td></td>
<td>Develop consistent tagging to provide information on what’s inside</td>
<td></td>
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<tr>
<td></td>
<td>Develop a phase-out/replacement proposal of problematic additives for European policymakers</td>
<td></td>
</tr>
<tr>
<td>Increase in recyclability and reusability through improvement in material choice³</td>
<td>Produce guidance on material choice in design for reuse vs. design for recycling</td>
<td></td>
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<tr>
<td></td>
<td>Communicate distinctions between recyclable materials and non-recyclable materials (e.g. biodegradable)</td>
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<tr>
<td></td>
<td>Identify food vs. non-food implications for material choice</td>
<td></td>
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<tr>
<td></td>
<td>Develop guidance on material choice for bottles, pots/tubs/trays and films/flexibles</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Investigate and communicate smarter lid solutions to improve recyclability of the whole packaging</td>
<td></td>
</tr>
<tr>
<td>Pan-European on-pack recycling labelling review for consistency</td>
<td>Analyse validation of claims made by Pact members</td>
<td></td>
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<tr>
<td></td>
<td>Collaborate to achieve pan-European consistency on icons and information for on-pack recycling labels</td>
<td></td>
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<tr>
<td></td>
<td>Develop guidance for labelling in e-commerce/online shopping</td>
<td></td>
</tr>
<tr>
<td>Technical innovation developed for more efficient labelling</td>
<td>Linking artwork with advanced sorting</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Develop a landscape review of current technological solutions and future scan</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Citizen information campaign to accompany the changes in labelling and technology</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Investigate potential economic incentives for technical innovation in labelling</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Explore opportunities of digitalisation of labelling to expand level of information available</td>
<td></td>
</tr>
</tbody>
</table>

1. WMC: Waste Management Company
2. This is indicative as to when the activity should be completed. When more than one year is coloured it means that this activity has a separate output for each timeframe.
3. Design for recycling includes both mechanical and non-mechanical recycling.

**Responsibility Key:**
- **Governments**
- **Plastic and Packaging Manufacturers**
- **NGO**
- **Brand Owners and Retailers**
- **WMC & Recyclers¹**
- **European Plastics Pact**

**Key:**
- **L:** Leads
- **S:** Supports

**European Plastics Pact Roadmap**
europeanplasticspact.org

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16
Target 2

Responsible use of plastics

Move towards a more responsible use of plastic packaging and single-use plastic products, aiming to reduce virgin plastic products and packaging by at least 20% (by weight) by 2025, with half of this reduction coming from an absolute reduction in plastics.

Reduction of plastics could be achieved through the removal of unnecessary packaging, alternative packaging design, innovative or rediscovered business models or different product design, while avoiding unintended environmental consequences.
**Target 2**

**Responsible use of plastics**

<table>
<thead>
<tr>
<th>Outcomes</th>
<th>Key activities</th>
<th>Target by²</th>
</tr>
</thead>
<tbody>
<tr>
<td>10% reduction in plastics usage (across brands, retailers and member countries) without unintended environmental consequences</td>
<td>Reporting procedures in place for annual progress reporting</td>
<td>End 2021</td>
</tr>
<tr>
<td></td>
<td>Impact analysis to understand which packaging formats/products offer the greatest opportunity for plastic reduction and actions implemented</td>
<td>End 2023</td>
</tr>
<tr>
<td></td>
<td>Business members review their portfolio and act on opportunities to remove, reduce or replace single use plastic packaging while avoiding unintended consequences</td>
<td>End 2025</td>
</tr>
<tr>
<td></td>
<td>Citizens are engaged to increase awareness and understanding of packaging choices and delivery systems and ultimately change behaviour</td>
<td></td>
</tr>
<tr>
<td>Refill/reuse systems are mainstream across participating countries</td>
<td>Sustainable system thinking embedded within business product design and delivery processes</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Review legislative barriers to refill/reuse and take action to address</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Consider benefits of labelling for refill/reuse, including provision of critical product information and systems implemented</td>
<td></td>
</tr>
<tr>
<td>Businesses and governments have developed policies to reduce where it makes sense for the environment</td>
<td>Sharing of knowledge and innovations to learn from previous experience and inspire others to act</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Identify key areas for cross-country, cross-value chain collaboration to standardise and scale up (sector-wide) solutions. Priority areas are implemented</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Governments will set targets and introduce (regulatory) incentives to promote reuse and refill systems</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Development and adoption of a tool for assessing environmental impacts for packaging/alternative product delivery models e.g. refill</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Government policy measures incentivise innovative business models such as refill/reuse business</td>
<td></td>
</tr>
</tbody>
</table>

1. WMC: Waste Management Company

2. This is indicative as to when the activity should be completed. When more than one year is coloured it means that this activity has a separate output for each timeframe.
Target 3

Collection, sorting and recycling

Increase the collection, sorting and recycling capacity by at least 25 percentage points by 2025 and reach a level that corresponds to market demand for recycled plastics.
## Target 3

### Collections, sorting and recycling

<table>
<thead>
<tr>
<th>Outcomes</th>
<th>Key activities</th>
<th>Target by²</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Market assessment</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>L</td>
<td>Develop a European market assessment futures report to map current and future contexts for material arising (polymer/format); capacity for collection, sorting and recycling; end markets</td>
<td></td>
</tr>
<tr>
<td>L</td>
<td>Sharing of knowledge and approach with other initiatives to ensure consistent approach and maximum impact (e.g. Circular Plastics Alliance)</td>
<td></td>
</tr>
<tr>
<td>L</td>
<td>Review the various systems for collection, sorting, recycling of plastic packaging. Develop case studies and make recommendations (focus on quality and capture rates)</td>
<td></td>
</tr>
<tr>
<td><strong>Policy alignment: national, city and supra-national policies positively support circular economy targets</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>L</td>
<td>National policies reviewed and updated to align with circular economy principles and reduced reliance on trans-shipments of waste out of Europe</td>
<td></td>
</tr>
<tr>
<td>L</td>
<td>Governments promote municipalities to develop waste contracts that incentivize recycling</td>
<td></td>
</tr>
<tr>
<td>L</td>
<td>Governments facilitate for municipalities to increase collection and recycling, prioritising quality of waste materials (e.g. separate collections)</td>
<td></td>
</tr>
<tr>
<td>L</td>
<td>Policy makers introduce market incentives to increase recycling rates where necessary and appropriate</td>
<td></td>
</tr>
<tr>
<td>L</td>
<td>Policy makers introduce market incentives to increase the use of recycled plastic in packaging</td>
<td></td>
</tr>
<tr>
<td>L</td>
<td>Long-term funding in place for national recycling campaigns to drive up recycling participation</td>
<td></td>
</tr>
<tr>
<td>L</td>
<td>Explore, and potentially introduce, a consistent consumer recycling label for Europe</td>
<td></td>
</tr>
<tr>
<td>L</td>
<td>Governments and city public procurement contracts incentivise circular economy principles (e.g. use of recycled content)</td>
<td></td>
</tr>
<tr>
<td><strong>Business alignment: businesses embed circular economy principles in their policies and operations to positively support the targets</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>L</td>
<td>Business implement packaging design and polymer recommendations for bottles/rigids (Targets 1, 2)</td>
<td></td>
</tr>
<tr>
<td>L</td>
<td>Business implement packaging design and polymer recommendations for films/flexibles (Targets 1, 2)</td>
<td></td>
</tr>
<tr>
<td>L</td>
<td>Brands and retailers specify recycled plastic into packaging (aligned with Target 4) review regularly to ensure optimum inclusion as technology advances</td>
<td></td>
</tr>
<tr>
<td>L</td>
<td>Brands and retailers adopt on-pack recycling labels and consistently include recycling in their marketing communications activity</td>
<td></td>
</tr>
<tr>
<td>L</td>
<td>Retailers introduce recycling collections for consumers (where appropriate and required)</td>
<td></td>
</tr>
<tr>
<td>L</td>
<td>Businesses exploit the changing retail landscape, new technology and shifting shopping habits to unlock new recycling behaviours and practices</td>
<td></td>
</tr>
<tr>
<td>L</td>
<td>All businesses ensure operational waste is collected and recycled to support the European Plastics Pact targets (ideally recycling in Europe)</td>
<td></td>
</tr>
</tbody>
</table>

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1. WMC: Waste Management Company
2. This is indicative as to when the activity should be completed. When more than one year is coloured it means that this activity has a separate output for each timeframe.
## Target 3

**Collections, sorting and recycling** (continued)

<table>
<thead>
<tr>
<th>Outcomes</th>
<th>Key activities</th>
<th>Target by</th>
</tr>
</thead>
</table>
| Waste management sector alignment: businesses and investors embed circular economy principles in their policies and operations to positively support the targets | • Recyclers and packaging sector adopt innovations in sorting to facilitate improved recycling (e.g. digital watermarking)  
• Investment in recycling plants and training to improve recycling yields and quality of recycled material  
• Increased investment and installed advanced capacity for recycling infrastructure (bottles/rigids)  
• Increased investment and installed advanced capacity for recycling infrastructure (films)  
• Increased investment and installed capacity non-mechanical recycling infrastructure | End 2021  | End 2023  | End 2025  |
| Citizen engagement: citizens engaged to positively support the targets at home, work and out of home | • More citizens, recycle more and with reduced contamination (continually improve)  
• Citizens understand the benefits of purchasing products, leading to increased demand for recycled plastic in packaging/products | End 2021  | End 2023  | End 2025  |

1. WMC: Waste Management Company
Target 4

Use of recycled plastics

Increase the use of recycled plastics in new products and packaging by 2025, with plastics user companies achieving an average of at least 30% recycled plastics by weight in their product and packaging range.
## Target 4

### Use of recycled plastics

<table>
<thead>
<tr>
<th>Outcomes</th>
<th>Key activities</th>
<th>Target by²</th>
</tr>
</thead>
<tbody>
<tr>
<td>Data analysis to drive future workstreams</td>
<td>Benchmark European market (recycled content, polymers used, etc.)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Identify key workstreams required to achieve the targets</td>
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<td></td>
<td>Identify and analyse the main challenges/limitations in the use of recycled films and flexibles</td>
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<td>Identify and explore potential solutions to these challenges</td>
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<tr>
<td>Ensuring the development of sustainable end markets for films and flexibles</td>
<td>Identify the potential markets and applications for recycled films and flexibles</td>
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<td>Identify and analyse the main challenges/limitations in the use of recycled films and flexibles</td>
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<td>Identify and explore potential solutions to these challenges</td>
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<tr>
<td>Ensuring the development of sustainable end markets for mixed coated</td>
<td>Identify the barriers to mixed coated materials (jazz) inclusion in new packaging (contamination, marketing</td>
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<td>quality, etc.)</td>
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<td></td>
<td>Identify and implement opportunities and solutions to increase the inclusion of mixed coated materials</td>
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<td>(jazz) in new packaging</td>
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<td>Eliminate the concerns in relation to residual chemicals and</td>
<td>Identify the main concerns that could be associated with the use of recycled content</td>
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<td>Develop standards for recycled content based on eliminating the identified concerns</td>
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<td></td>
<td>Integrate standards for recycled content in EU policy</td>
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<td>Food grade recycled polyethylene (PE) developed and available for the</td>
<td>Explore potential sorting technologies that could enable the development of food grade recycled PE</td>
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<td>market</td>
<td>Analyse potential cleaning and decontamination mechanisms that could enable the development of food</td>
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<td>grade recycled PE</td>
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<td>Investigate the use of functional barriers to enable the use of recycled PE in food applications</td>
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<td>Identify the approval processes required to enable the use of recycled PE in food applications</td>
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<td></td>
<td>Implementation of identified solutions to produce food grade recycled PE</td>
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<tr>
<td></td>
<td>Analyse opportunities presented by non-mechanical recycling</td>
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</tbody>
</table>

### Responsibility Key:

- **Governments**
- **Plastic and Packaging Manufacturers**
- **NGO**
- **Brand Owners and Retailers**
- **WMC & Recyclers**
- **European Plastics Pact**

1. WMC: Waste Management Company
2. This is indicative as to when the activity should be completed. When more than one year is coloured it means that this activity has a separate output for each timeframe.
### Target 4

**Use of recycled plastics** (continued)

<table>
<thead>
<tr>
<th>Outcomes</th>
<th>Key activities</th>
<th>Target by</th>
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<tbody>
<tr>
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<td>End 2021</td>
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<td>End 2023</td>
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<td>End 2025</td>
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<tr>
<td>Food grade recycled polypropylene (PP) developed and available for the market</td>
<td>Identify current advances in the development of food grade recycled PP</td>
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<td>Explore potential sorting technologies that could enable the development of food grade recycled PP</td>
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<td>Analyse potential cleaning and decontamination mechanisms that could enable the development of food grade recycled PP</td>
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<td>Implementation of identified solutions to produce food grade recycled PP</td>
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<td></td>
<td>Analyse opportunities presented by non-mechanical recycling</td>
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<tr>
<td>Business case developed for PET tray to tray recycling</td>
<td>Identify the potential markets and applications for recycled PET trays</td>
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<td></td>
<td>Identify and analyse the main challenges/limitations in PET tray to tray recycling</td>
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<td>Identify and implement solutions to these challenges</td>
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</table>

1. WMC: Waste Management Company

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**Responsibility Key:**
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- **European Plastics Pact**

- L Leads
- S Supports
Monitoring and reporting

Measuring our progress

An agreement such as the European Plastics Pact must be able to monitor and measure its progress against the agreed targets.

In signing up to the European Plastics Pact, members will be required to report on the actions taken and, where applicable, progress made towards the targets.

In addition to tracking progress, effective monitoring and measurement allow the Pact members and Steering Committee to establish a baseline, identify areas of focus and assess the impact of measures taken.

The European Plastics Pact will be monitored and measured using an appropriate monitoring and reporting framework. The framework aims to achieve three main objectives:

1. Provide an appropriate measurement system and methodology for Pact members
2. Highlight progress made by Pact members towards the targets
3. Align as much as feasibly possible with reporting requirements in other relevant plastics initiatives.

Feedback will be gathered from members through questionnaires and workshops to ensure that the framework is applicable and appropriate.

In addition, WRAP are building a Technical Committee which will help inform the framework used within the Pact. The Technical Committee will include measurement and reporting representatives from wider plastics initiatives, ensuring a harmonised approach of monitoring between the national Plastics Pacts, the Circular Plastics Alliance (CPA) and the Ellen MacArthur Foundation’s New Plastics Economy Global Commitment.

The Technical Committee will act as a platform for plastic initiatives across Europe to share best practice and lessons learnt during the continued development of their own monitoring and reporting frameworks, as well as provide an opportunity for individuals to discuss any challenges associated with their initiatives.
Next steps

Supporting the Pact

Following the publication of this roadmap, the European Plastics Pact will prioritise and coordinate the implementation of the identified activities through its working groups.

It is expected that each stakeholder will embed the roadmap within their organisation, take action towards the outcomes of the roadmap, and review the activities and timescales set out to ensure they align with their own targets and policies.

This roadmap is intended to be a living document and will be constantly reviewed and adapted to fulfil its purpose.

How to join

The European Plastics Pact is open to governments, businesses and other relevant organisations such as business associations and non-governmental organisations.

Joining the Pact means signing the Pact in its entirety and committing to its goals.

Sign up today by emailing: europeanplasticspact@wrap.org.uk
Annex

European Plastics Pact Definitions

Absolute reduction: Reduction of plastic (packaging) volumes in metric tonnes versus the baseline year.

Mechanical recycling: means the physical processing of used plastics to generate secondary raw materials.

Non-mechanical recycling: means the nonphysical processing of used plastics by either:
1. The breakdown of the polymer structure using processes such as pyrolysis, gasification and chemical depolymerisation to generate feedstock for producing new polymers.
2. Dissolution to remove impurities and contaminants to generate a secondary raw material.

Packaging: means all products made of any materials of any nature to be used for the containment, protection, handling, delivery and presentation of goods, from raw materials to processed goods, from the producer to the user or the consumer. ‘Nonreturnable’ items used for the same purposes shall also be considered to constitute packaging.

Post-consumer recycled content: means the proportion, by weight, of postconsumer recycled material in a plastics product or packaging.

Problematic plastics: includes packaging or single-use items that follow these criteria: 1. It is not reusable, recyclable or compostable. 2. It contains, or its manufacturing requires, hazardous chemicals that pose a significant risk to human health or the environment (applying the precautionary principle). 3. It hinders or disrupts the recyclability or compostability of other items. 4. It has a high likelihood of being littered or ending up in the natural environment.

Recyclable: means that a product’s packaging or component’s successful postconsumer collection, sorting and recycling is proven to work in practice and at scale.

Recycling: means any recovery operation by which waste materials are reprocessed into products, materials or substances whether for the original or other purposes. It includes the reprocessing of organic material but does not include energy recovery and the reprocessing into materials that are to be used as fuels or for backfilling operations.


Reuse: means any operation by which products or components that are not waste are used again for the same purpose for which they were conceived.

Single-use plastic product: means a product that is made wholly or partly from plastic and that is not conceived, designed or placed on the market to accomplish, within its life span, multiple trips or rotations by being returned to a producer for refill or reused for the same purpose for which it was conceived.


Unnecessary: It can be avoided (or replaced by a reuse model) while maintaining utility.

Waste: means any substance or object which the holder discards or intends or is required to discard.


Source: New Plastics Economy Global Commitment.
European Plastics Pact

Roadmap

Version 1, published December 2020

The Roadmap was developed for and approved by the Steering Committee of the European Plastics Pact. It was developed by the four Working Groups under the Pact with the assistance of the secretariat – provided by WRAP – with funding from four member states (The Netherlands, France, Denmark and Sweden).

Contact
europeanplasticspact@wrap.org.uk