

Packaging & Plastics – End of Life Opportunities

Brian Walsh, Repak Membership Services
GLAS, Citywest - 18th of July 2019

Agenda

- Introduction to Repak
- Future EU Policy on Packaging & Plastics
- Repak Plastics Strategy and the Producer
- Prevent & Save
- Options for Packaging Waste Management

Section 1

Introduction to Repak

REPAK LTD (Irelands Packaging Recovery Compliance Scheme – Not for profit)

1997 – Business – Waste Packaging Directive – Fund Recycling & Recovery of Waste Packaging



**22 years funding recycling
in Ireland**



Members 3052 - Legal Compliance – National Recycling & Recovery Targets – Education (Behavioural Change)

10 tonnes and €1.0m turnover

Repak's fees are based on a pay-as-you-produce basis i.e. the more packaging placed on the market by a producer, the higher their fee

Repak Delivery 1997 to 2018



Met all EU targets



Recycling 15% to 68%

Recovery 15% to 94%

9,302,697 tonnes recycled
1,643,272 tonnes recovered



11m tonnes
diverted from landfill



5,025 waste sector
jobs supported



€425m invested in
recycling



1.2 million Bins



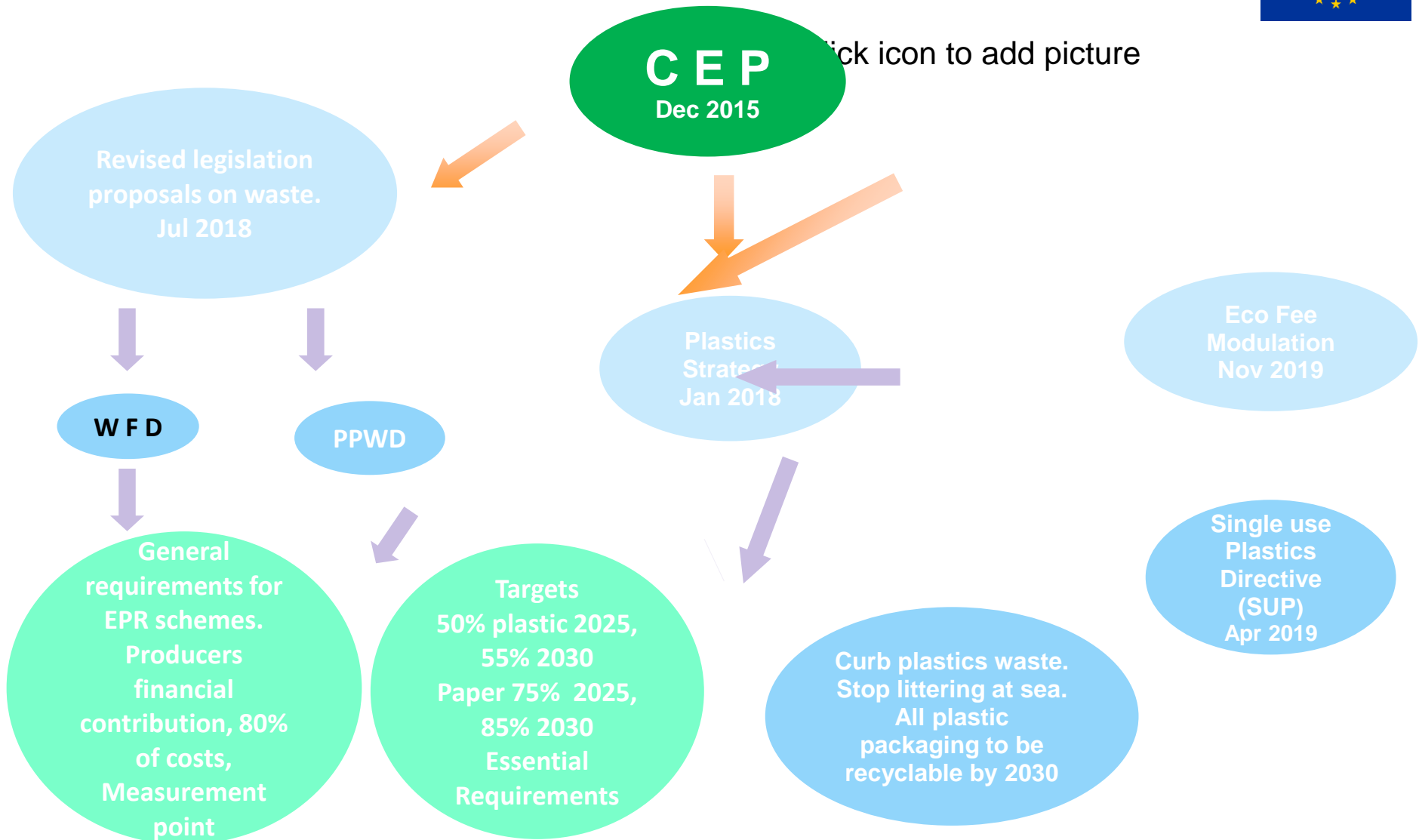
Circa 250,000
tonnes
saved
annually



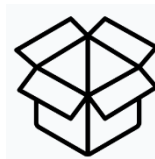
Section 2

Future EU Policy on Packaging & Plastics

Key Elements of the Circular Economy Package



Targets Challenge



Key Elements of SUP Directive



Targets & DRS

- Separate collection targets for PET bottles: 77% in 2025, 90% in 2029
- MS may establish DRS
- Recycled PET in beverage bottles: 25% in 2025, 30% in 2030
- MS to set qualitative reduction targets in the consumption of SUP beverage cups and SUP food containers

Distance Sellers

Included in definition of producer. AR to be appointed.

Click icon to

Tethering of Plastic Caps/Lids

- Beverage containers can only be place on the market

Marketing/Labelling Requirements

- SUP products to be marked to inform consumers of the appropriate waste management options for waste disposal

Legal

- The SUP Directive to have *lex specialis* over other Directives

Products to be banned

- Plastic cutlery, plates, straws and cotton bud sticks made of plastic
- Polystyrene food containers, beverage containers, cup for beverages and products made from oxo-degradable plastics.

EPR

- Extended producer responsibility schemes to be established for;
- SUP Packaging products
 - Tobacco products and filters
 - Fishing gear containing plastics

Awareness Raising/Litter Clean Up

- EPR schemes to pay for the cost of awareness-raising measures, waste management and clean up and for certain single use plastics to include;
 - i. Cost of collection of waste of those products discarded in public collection systems
 - ii. Infrastructure and its operation and its subsequent
 - iii. Transport and treatment costs



Section 3

The Plastics Challenge

Repak's Plastic Strategy

- Assist Ireland in meeting recycling and circular economy targets
- Promote better eco design of plastic packaging
- Increase reuse and recycling of plastic packaging
- Educate consumers on sustainable consumption



Repak Plastic Strategy Stakeholders

Collectors

MRF 90K

Collection Systems

MRF – Infrastructure

Recycling – Capacity

Technology Development

EU CEP

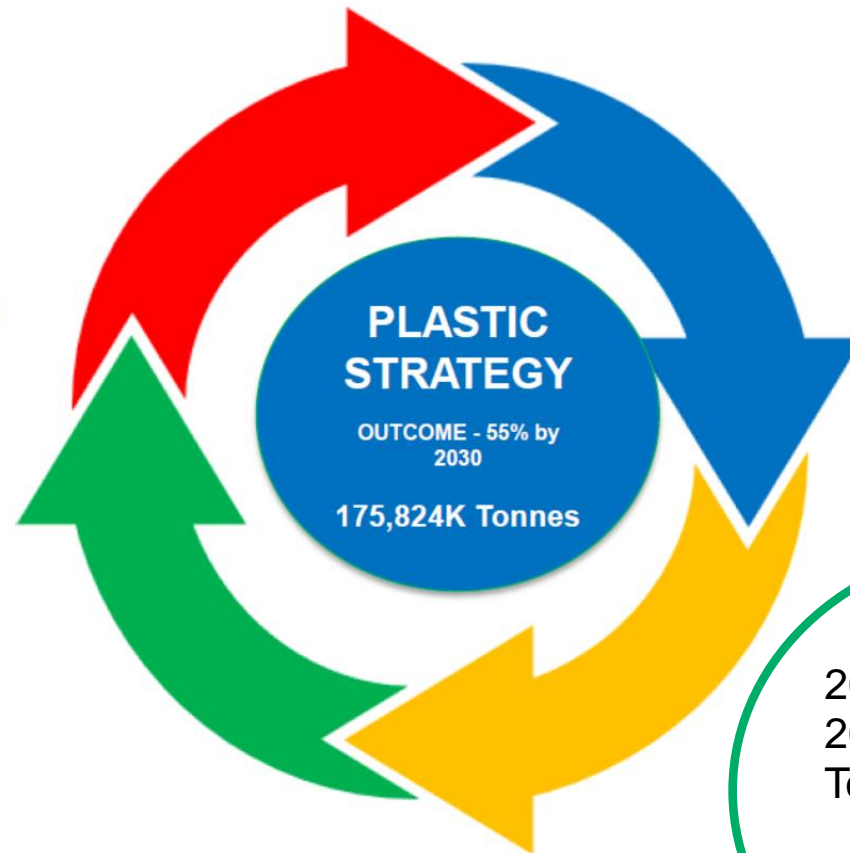
Government

Policy - Legal

- Fiscal

Capacity

Single Use Plastic



Consumer

Education/Behavioural Change

Contamination

Litter

Cost

Producers

2018 – 289k Tonnes

2030 – 319.7k

Tonnes

Prevention

Reduced

Eco Design

Fee Modulation

Repak's Pledge on Plastic Packaging Waste

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1. Prioritise the prevention of plastic packaging waste by **minimising avoidable single use packaging and promoting packaging reuse** where possible
2. **Support Ireland to deliver** the Circular Economy Package **plastic recycling targets of 50% of all plastic packaging by 2025 and 55% by 2030**, as set by the European Commission
3. Reduce complexity within the plastic packaging supply chain by **simplifying polymer usage and eliminating non-recyclable components** in all plastic packaging **by 2030**
4. Help to build a circular economy for used plastic packaging in Ireland and Europe by **increasing the use of plastic packaging with a recycled content**
5. Ensure our **approach** to plastic packaging reduction is aligned to Ireland's **goal of a 50% reduction in food waste by 2030** as set out in Ireland's food waste charter



ARNOTTS



Ballymaguire
Foods
Our expertise. Your brand.

Thanks to the 90
Signatories so far

BANAGHAN
& COMPANY LIMITED

BROWN THOMAS



Key Highlights to date

REPAK

Repak Member's
Plastic Pledge
2018 Report



- 10,600 tonnes of plastic packaging due to be diverted from waste by end of 2019
- Average of 11% reduction in plastic packaging waste reported
- Over 120 programmes to reduce or replace current plastic packaging due to be completed by the end of 2019
- Number of key innovations tackling issues such as black plastics and full body bottle sleeves
- Projects aiming to reach an average of 45% recycled content in packaging by 2025

Rewarding our Pledge Members

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The Pakman Awards recognise excellence in waste management and recycling among businesses, organisations, community groups and initiatives in Ireland.

This year we launched a new award category **“Plastic Pledge Member of the Year”** to encourage businesses to do more in this area.

Awards take place on the 24th of October in the Intercontinental hotel

Click icon to add picture



Join Team Green Today

Team Green is a call to action for everyone in Ireland to play their part when it comes to recycling plastics. By working together – i.e. shared responsibility – we can encourage Ireland to meet its 2025 (50%) and 2030 (55%) plastic recycling targets.

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www.repak.ie

#plasticstrategy

Business *funding* recycling

REPAK 

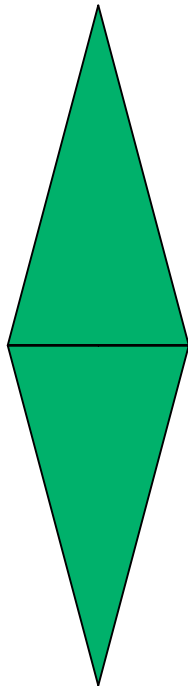
Section 4

Preventing Packaging Waste – Prevent & Save

Waste management hierarchy

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Most
favoured
option

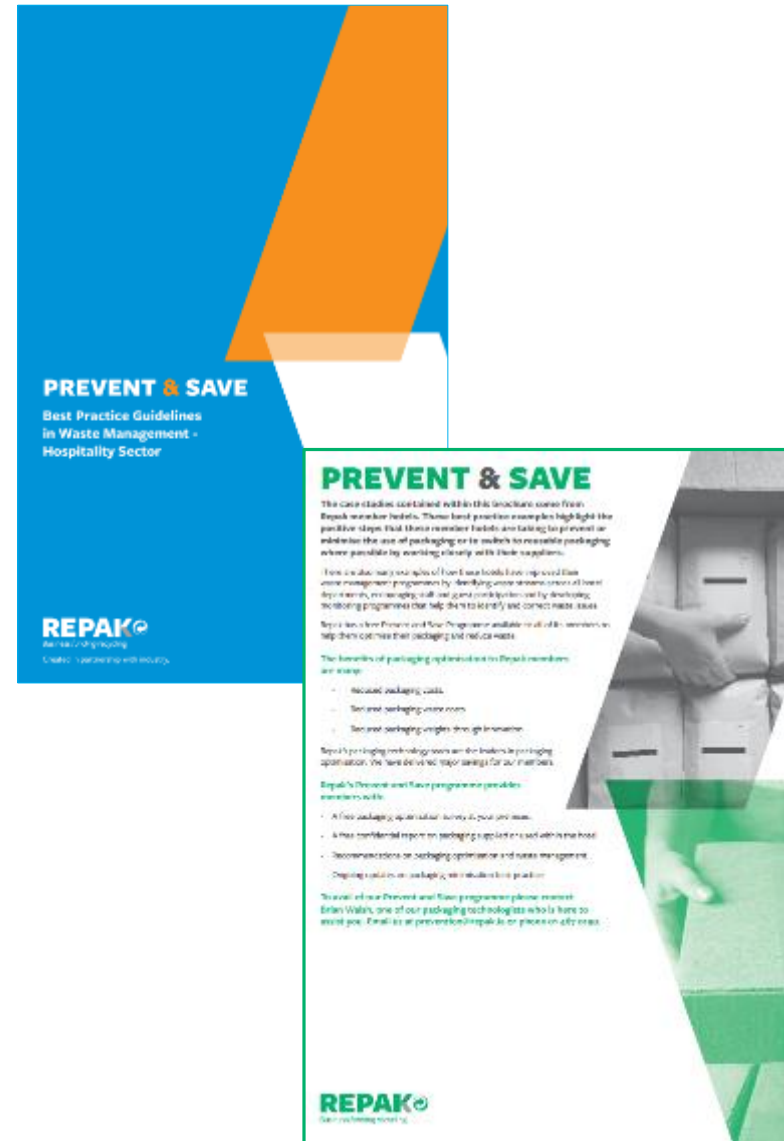


Least
favoured
option



Repak's Prevent and Save

- Free to all Repak members
- Optimise packaging systems
- Prevent and reduce packaging waste
- Recommendations to improve waste management
- Share “Best Practice”



Packaging Clinics with Bord Bia Origin Green Members



Section 5

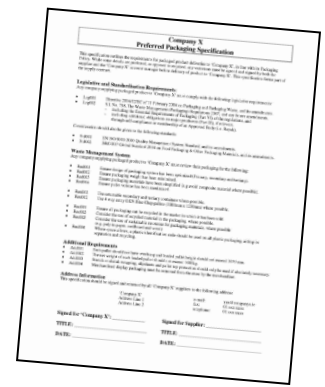
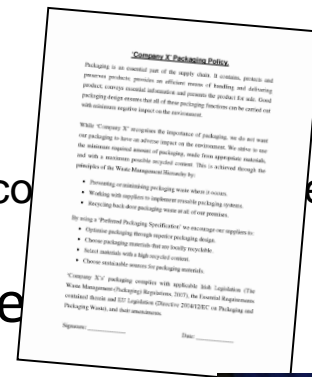
Options for Packaging Waste Management

Options for Packaging Waste Prevention

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- Minimise input packaging (removed at the back door)
- Minimise output packaging (sold to the market)
- Packaging optimisation
- Returnable and reusable packaging



Packaging Waste Management - Segregation

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is Key

Segregation of waste is key to maximising recycling and preventing contamination: -



Colour code and mark bins.

Clearly identify what goes into bins (pictures paint 1000 words).

Use only see through bags to identify contamination.

Separate individual materials where possible.



Addressing Contamination of Packaging

Recycling:



- .As high as 40% in some areas.
- .If contaminated enough it will go to waste to energy or landfill.
- .Action needed to avoid missing new EU Targets.



- .Businesses have a legal responsibility.

Consumer - Recycling List for Ireland

mywaste

Your new recycling list!

Clean, Dry and Loose

Paper & Cardboard: Includes items like Cereal boxes, News, Eggs, Juice, and a cardboard box.

Rigid Plastic: Includes items like Soda bottles, Milk jugs, Shampoo bottles, Butter tubs, and a yogurt container.

Tins & Cans: Includes items like Soup cans, Bean cans, Soda cans, and a Pet Food can.

www.recyclinglistireland.ie

canalwest-ulster
waste region eastern-midlands
waste region southern
waste region

Roimne Cuimrisleach: Eiríomhaíocht
ar son na h-Éireann (i nGaeilge)
Department of Communications,
Climate Action & Environment

Compostable Materials — where do they go?



·Most compostable packaging is industrially compostable (EN13432 certified).

·This makes them unsuitable for our back gardens (ok for brown bins).

·Some independent certification schemes such as TUV available for:

·home composting
·biodegradable soil certification.

·Cré in Ireland developing certification scheme for Ireland.



Image Sources: Down 2 Earth Materials, <http://www.tuv-at.be/certifications/> & www.cre.ie

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Thank You