



RecyClass Unwrapped

Advancing the circularity of PS packaging

Moderated by
David Eslava, Deputy managing Director, **Eslava Plasticos**

20 April 2022

RecyClass

RecyClass



PS MARKET: STATE OF PLAY

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RecyClass | CIRCULAR PLASTICS ALLIANCE

- To achieve the 10 million tonnes target, it is necessary to collect separately a minimum of **15 million tonnes** of plastic waste per year, recyclable to an adequate quality to meet end market needs. This is a bare minimum, **taking into account the unavoidable losses during the collection, sorting and recycling processes, with existing technologies**, and under the assumptions that the 15 million tonnes of recyclable plastic products get collected separately (once waste), sorted for recycling and all the sorted waste is sent to recycling plants located inside the EU.
- This work plan includes a first list of product categories (**“first wave”**) **which account for at least 16.2 million tonnes of plastic waste available for collection every year** (waste generated per year)

Packaging Products Team

LDPE Flexible Packaging

PP Flexible packaging

EPS Packaging

PET beverage bottles

PET Trays

HDPE necked bottles for milk and detergents

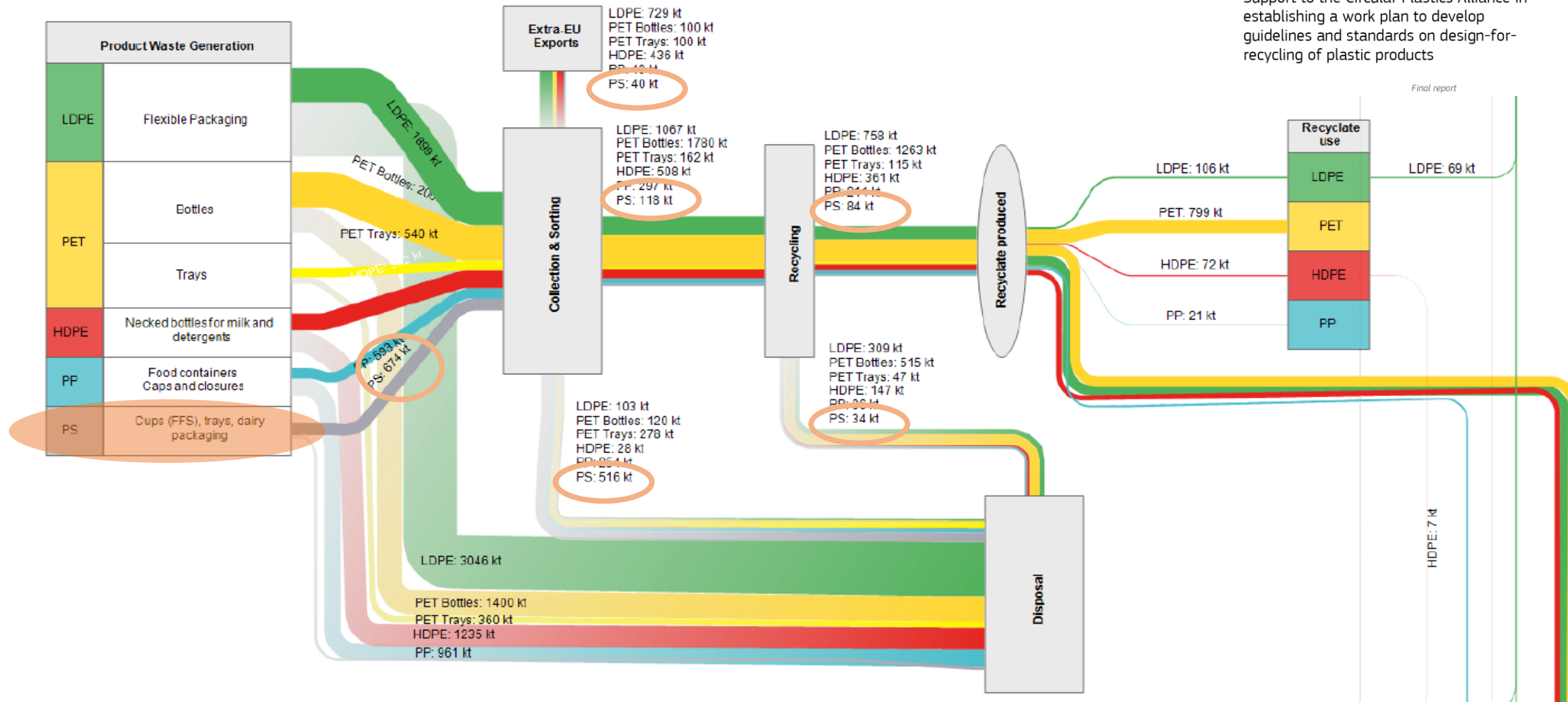
PP Food Containers, caps and closures

PS cups (FFS), trays and dairy packaging

RecyClass | PS PACKAGING MARKET (JRC STUDY)



Support to the Circular Plastics Alliance in establishing a work plan to develop guidelines and standards on design-for-recycling of plastic products



Messages to CPA

- Circularity matrix = essential by synthetic view on circular feedstock AND recycle uptake.
- ‘Own sector’ circularity (green) is *only* 26% of the total. (This does not even mean ‘same application’)
- Packaging = main circular feedstock with huge increase potential, but only uptaking 19% of its own recycle.
- Construction leads in circular content and in uptake of own recycle.
- CPA target of 10 MT uptake requires to develop ‘inter-sector’ circularity, on top of ‘own sector’.
- Insufficient data quality (‘Other’ = biggest sector ???)

			Current flows 2014 - 2018							% of recyclate to own sector
All polymers		Second life	Agriculture	Packaging	EEE	Construction	Automotive	Other	Total	
Initial application	Demand >>>		1.741	20.429	3.174	10.138	5.069	10.650	51.200	
		Recyc. uptake	122	620	46	981	177	2.051	3.997	
	Waste	Recyc.prod.								
Agriculture	638	302	122	69	-	56	-	55	302	40%
Packaging	14.228	2.932	-	544	38	545	105	1.699	2.932	19%
EEE	630	72	-	-	8	23	23	19	72	11%
Construction	1.009	362	-	7	-	333	-	22	362	92%
Automotive	590	328	-	-	-	24	48	256	328	15%
Total	17.095	3.997	122	620	46	981	177	2.051	3.997	1.056
% recycled content			7,0%	3,0%	1,4%	9,7%	3,5%	19,3%	7,8%	26%
% RC from own sector			7,0%	2,7%	0,2%	3,3%	1,0%			

RecyClass | PS CIRCULARITY MATRIX

[illegible]

RecyClass | CIRCULAR PLASTICS ALLIANCE

The CPA declaration states that the CPA will work on guidelines and/or standards for:

- Design-for-recycling of plastic products (recyclability);
- Quality of plastics recycling and recycled plastics;
- Quality of sorted plastic waste.

To support this work, and as a follow-up on the European Strategy for Plastics (2018), DG GROW prepared a standardisation request to CEN-CENELEC on “plastics recycling and recycled plastics”, to cover the standardisation needs of the CPA.

CEN-CENELEC has established a “Standardisation Request ad-hoc group” (SRAHG) on “Plastics Recycling and Recycled Plastics”.

The Standardization Request was officially addressed from DG GROW to SHRAG on December 1st. Timeline to develop the standards is 36 months.

RecyClass | RECYCLABILITY DEFINITION



The product must be made **of plastic that is collected** for recycling, has market value, and/or is supported by a legislatively mandated program.



The product must **be sorted and aggregated into defined streams** for recycling processes.



The product **can be processed and reclaimed/recycled** with commercial recycling processes.



The recycled plastic becomes a raw material that **is used in the production of new products**.

RecyClass | CURRENT MARKET SITUATION

Consumption : Huge potential to create a PS recycling market 647Kt cups, trays, dairy packaging in Europe yearly.

Collection : PS packaging is mostly collected in the mix plastic fraction but send to energy recovery or landfill due the lack of final markets application. Needs to be sorted in a new stream for recycling.

Recycling : PS packaging is already recycled but in a small quantities waiting to open new markets (food contact)

French case : France is the front runner in PS collection and recycling in Europe , brand owners have signed a statement to uptake recyclate in their packaging as soon as the PS recycling market is created (food contact needed), only France represents more than 10% of the European consumption.

Other Countries : The main European countries like Germany, Spain, Italy are starting new studies and trials for collection and recycling PS.



Food contact, circular design & low carbon footprint – circular polystyrene

Jens Kathmann, Brussels, 20th April 2022

RecyClass unwrapped – Advancing the circularity of PS packaging



**Styrenics
Circular
Solutions**

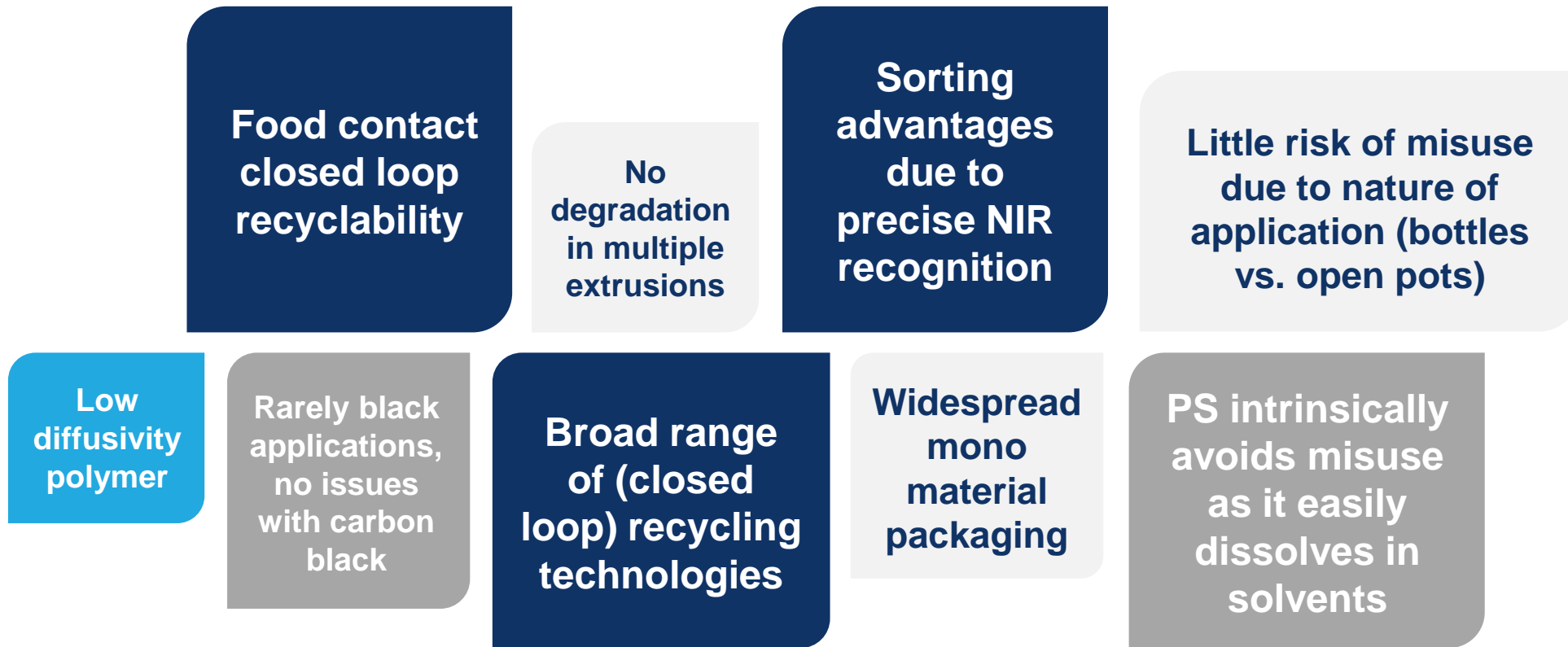
From yoghurt pot... ... to yoghurt pot...

With its unique circularity,
design optimisation &
low carbon footprint,
PS is extending closed-loop food
contact recycling beyond bottles to
new food grade applications

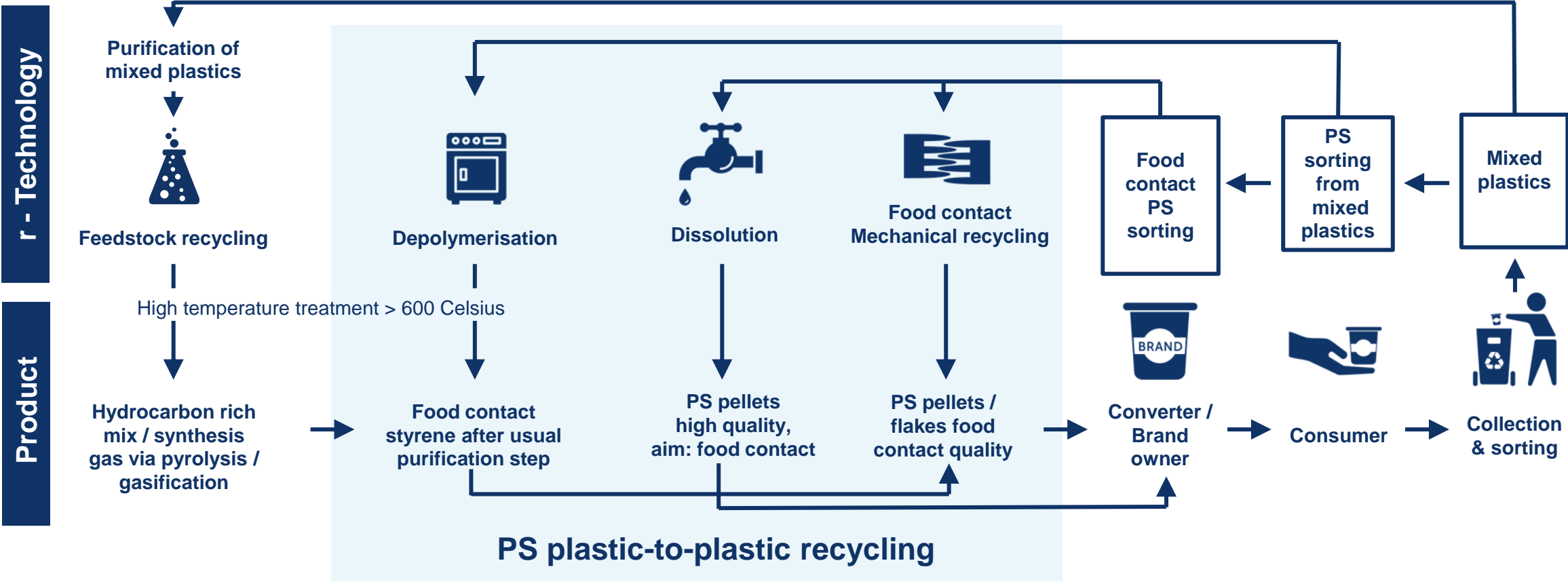
... over and over again!



PS unique circularity profile as basis for further design optimisation






Portfolio of PS plastic-to-plastic recycling technologies

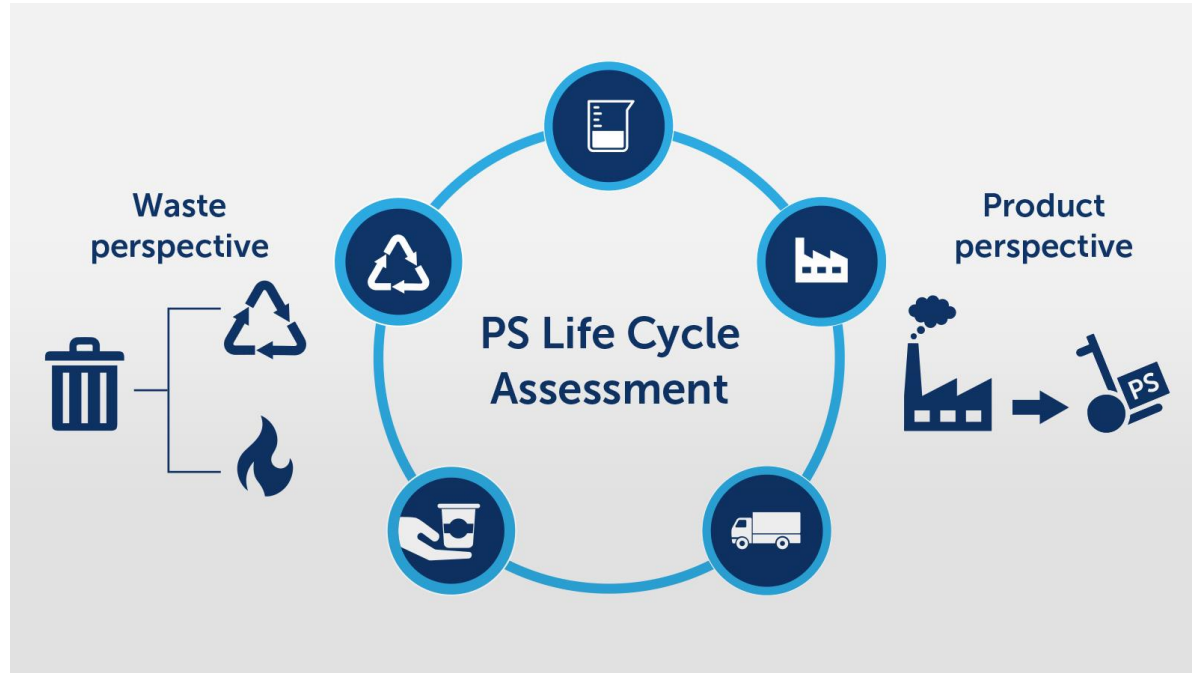


Low energy & CO2 footprint closed loop PS recycling for food contact quality

Polystyrene – designed by nature for full circularity

Feedstock	Recyclability	Output
<ul style="list-style-type: none">✓ Critical mass with > 800kt PS sold into EU packaging market✓ PS packaging is overwhelmingly food contact✓ Outstanding sortability established	<p>Excellent closed loop recyclability and multiple recycling:</p> <ul style="list-style-type: none"> High purity mechanical recycling Dissolution Depolymerisation	<ul style="list-style-type: none">✓ Drop-in solution in converter equipment, form fill seal✓ Freedom of design: all applications and recycled content levels possible✓ Food contact quality enables series of EFSA applications
Very favourable environmental footprint LCA-proven		
Scale-up implementation in line with the EU Plastics Strategy		

Life Cycle Analysis for PS closed loop food contact recycling routes



Polystyrene LCA* results



High purity mechanical recycling of polystyrene feedstock from separate collection saves approx. 80% of CO₂ emissions compared to incineration and conventional production of virgin PS



Dissolution technology exhibits 75% CO₂ emission savings



Depolymerisation saves approx. 75% of CO₂ emissions

*Comparative LCA according to ISO 14040/44

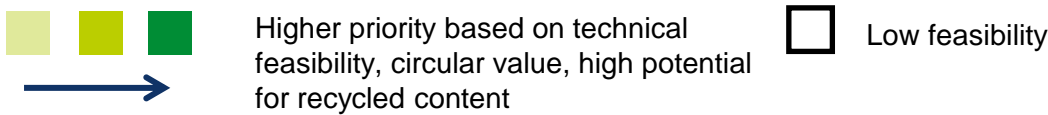
Confirmed circularity with significantly reduced carbon footprint

Circularity matrix broadens full circularity to other PS applications

Mechanical recycling domain of rigid and foamed PS packaging			Second life						
			Food					Shock protection	Non-food
			Dairy	Other					
First life			HIPS white	HIPS color	GPPS	XPS	EPS white	EPS white	PS/ XPS
Food	Dairy	HIPS white							
	Other	HIPS color							
		GPPS							
		XPS							
		EPS white							
Shock protection		EPS white							
Non-food		PS/ XPS							



- Advantages for the value chain:
- For recyclers: maximised feedstock access and ensured high value outlets
 - For retailers, brands owners and convertors: maximised access to high value recycle



Maximising PS feedstock for high purity recycling and high quality recyclate

Design for recycling to propel PS circularity for food contact

Circularity Matrix

		Second life															
		Packaging								Construction							
		Food				Non-food				Construction				Construction			
First life	Packaging	Dairy		Other		Non-food		Other		Construction		Construction		Construction		Construction	
		PS	PP	PS	PP	PS	PP	PS	PP	PS	PP	PS	PP	PS	PP	PS	PP
Food	Dairy	PS	PP	PS	PP	PS	PP	PS	PP	PS	PP	PS	PP	PS	PP	PS	PP
	Other	PS	PP	PS	PP	PS	PP	PS	PP	PS	PP	PS	PP	PS	PP	PS	PP
	Other	PS	PP	PS	PP	PS	PP	PS	PP	PS	PP	PS	PP	PS	PP	PS	PP
	Other	PS	PP	PS	PP	PS	PP	PS	PP	PS	PP	PS	PP	PS	PP	PS	PP
Non-food	Shock protection	PS	PP	PS	PP	PS	PP	PS	PP	PS	PP	PS	PP	PS	PP	PS	PP
	Non-food	PS	PP	PS	PP	PS	PP	PS	PP	PS	PP	PS	PP	PS	PP	PS	PP
	Other	PS	PP	PS	PP	PS	PP	PS	PP	PS	PP	PS	PP	PS	PP	PS	PP
	Other	PS	PP	PS	PP	PS	PP	PS	PP	PS	PP	PS	PP	PS	PP	PS	PP
Construction	Trays	PS	PP	PS	PP	PS	PP	PS	PP	PS	PP	PS	PP	PS	PP	PS	PP
	Trays	PS	PP	PS	PP	PS	PP	PS	PP	PS	PP	PS	PP	PS	PP	PS	PP
	Other	PS	PP	PS	PP	PS	PP	PS	PP	PS	PP	PS	PP	PS	PP	PS	PP
	Other	PS	PP	PS	PP	PS	PP	PS	PP	PS	PP	PS	PP	PS	PP	PS	PP

Mono-material yoghurt pot



Further enhancing the unique circularity of PS:

- Builds on PS excellent sortability, minimising sorting losses
- Increases feedstock quantity and quality for high-purity recycling technologies
- RecyClass 'recyclability' and 'recycled' certified label boosts consumer confidence

RecyClass guidelines

RecyClass

FULL COMPATIBILITY	LIMITED COMPATIBILITY	LOW COMPATIBILITY
Green column gathers the preferred design features, that guarantee the best recyclability and quality of the recyclate. Class A - B	Yellow column lists the second choices for each packaging features, that have been tested, known, or supposed to slightly impact the recycling and/or the quality of the recyclate. Class B - C	Red column classifies the detrimental and disqualifying features that should be avoided when designing a packaging, as strongly impacting the recycling and/or the quality of the recyclate. Class D - E - F

... and to further accelerate the scale-up implementation in line with the EU Plastics Strategy



SCS website

styrenics-circular-solutions.com



Full Circularity. Inspired by Design. Powered by Styrenics.

Impact of design for recycling on the
unique circular value of polystyrene

30 November 2021

Event recording & event slide deck

Thank you!

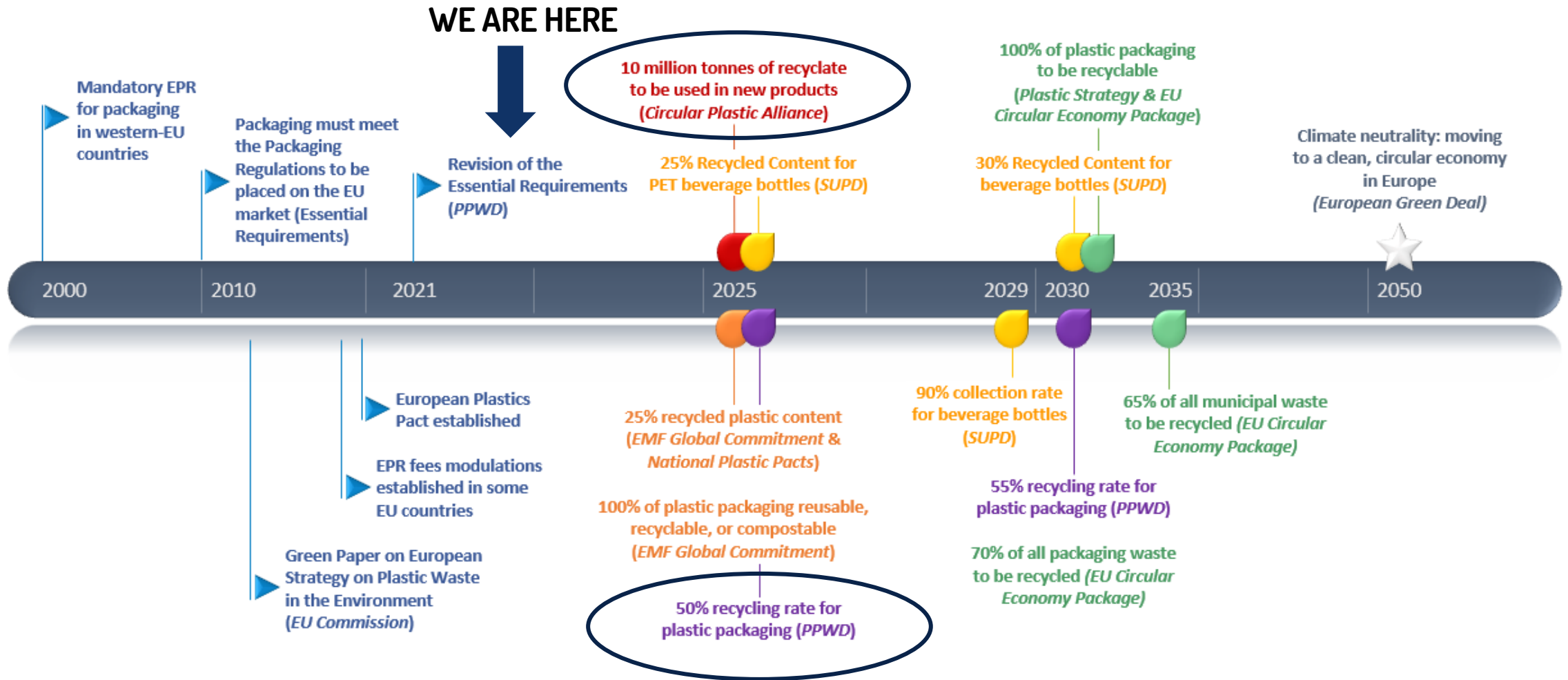
RecyClass

A graphic consisting of three thick, light blue curved arrows arranged in a circular pattern, suggesting a continuous cycle or process.

PS PACKAGING CIRCULARITY WITH RECYCLASS

Fabrizio Di Gregorio, fabrizio.digregorio@plasticsrecyclers.eu
Technical Director at Plastics Recyclers Europe
RecyClass Coordinator

RecyClass | THE CIRCULARITY JOURNEY



Multiple commitments to achieve

THE IMPORTANCE OF HARMONISED & SCIENTIFIC-BASED INFORMATION

- ✓ Strengthens and gives **credibility** to the message;
- ✓ Provides for **effective communication** with stakeholders;
- ✓ Provides **clear direction** for design for recyclability policies within brands.

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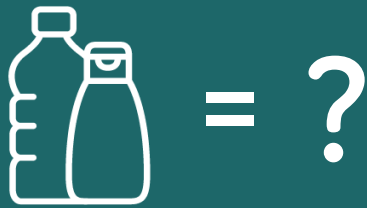
MISSION & VISION

Plastic Future is Circular



Making plastic circular by ensuring all products are **recyclable** and by promoting **transparent uptake of recycled content** in new products in line with the circular economy

TESTING PROTOCOLS



- **Lab testing** of innovative plastic packaging vs control material
- Comparison of properties
- **Technology/Product Approval**

DESIGN FOR RECYCLING GUIDELINES

The table provides detailed design guidelines for Coloured HDPE Containers and Tubes, categorized by color and material type. It includes sections for 'General Design Guidelines', 'Design for Recycling', and 'Design for Certification'. The table is organized into columns for 'Material', 'Design Guidelines', and 'Certification Requirements'. The 'Design Guidelines' column includes specific instructions on material selection, design features, and testing requirements. The 'Certification Requirements' column outlines the necessary steps for obtaining certification, including the use of the RecyClass Online Tool and the submission of test results.

- Design guide & recommendations for plastic packaging
- Design for Recycling (DfR) Guidelines transposed in the tool
- Assessing **overall recyclability** of a finished package

RECYCLABILITY ASSESSMENTS



- 1a) Recyclability **Self-Assessment** with the RecyClass **Online Tool**
- 1b) RecyClass Team support
- 2) **Recyclability Certification** (third party audit)

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RECYCLABILITY EVALUATION PROTOCOL for PS CONTAINERS

- **Pre-treatment**

Input: 10 kg innovation and 25 kg control samples

- **Extrusion & pellet characterization**

Input: **3 blends** of control and innovation flakes
(**with 0%, 25% and 50% of innovation**)

- **Conversion** (50% dilution with virgin)

Input: **3 blends** of control and innovation pellets
(**with 0%, 12.5% and 25% of innovation**)

PRE-TREATMENT

INNOVATION
CONTAINER

GRINDING

WASHING
(only if labels, glues or inks are present)

TEST & RECORD
PROPERTIES

FLOTATION TEST

TEST & RECORD
PROPERTIES

DRYING

CONTROL CONTAINER

GRINDING

EXTRUSION

FLAKES BLENDS PREPARATION

A.0

100% control

A.25

75% control
25% innovation

A.50

50% control
50% innovation

A.100 (optional)

0% control
100% innovation

EXTRUSION TO PELLETS

TEST & RECORD
PROPERTIES

CONVERTING

INJECTION MOLDING

TEST & RECORD
PROPERTIES

PELLETS BLENDS PREPARATION

B.0

50% virgin pellet
50% A.0

B.25

50% virgin pellet
50% A.25

B.50

50% virgin pellet
50% A.50

B.100 (optional)

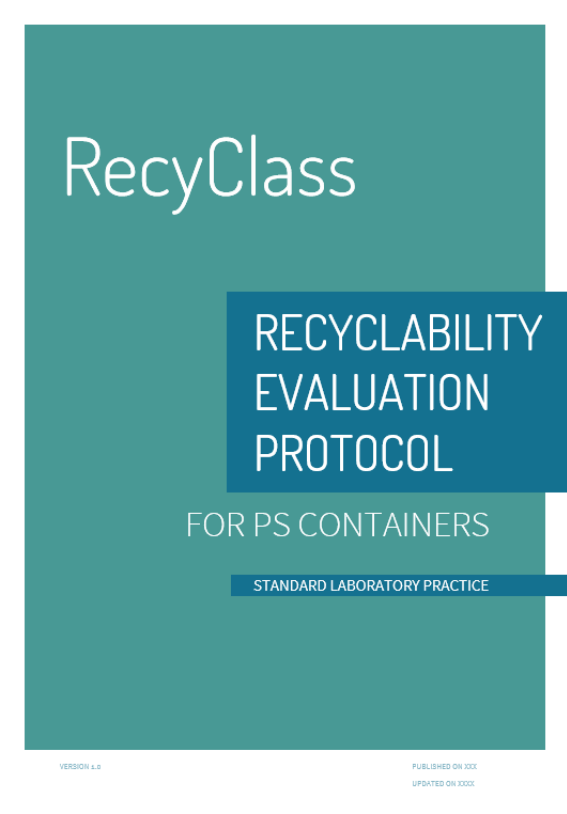
50% virgin pellet
50% A.100

SHEET EXTRUSION

TEST & RECORD
PROPERTIES

RecyClass | RECOGNIZED LABORATORIES FOR PS RECYCLABILITY PROTOCOL

3 Recognized Laboratories



German lab already
recognized by RecyClass
for HDPE Containers
and PP Containers



Italian lab already
recognized for PP
Containers and
PE Flexibles



US lab already recognized
for HDPE, PP Containers
and PE Flexibles

SORTING PROTOCOL FOR PLASTIC PACKAGING



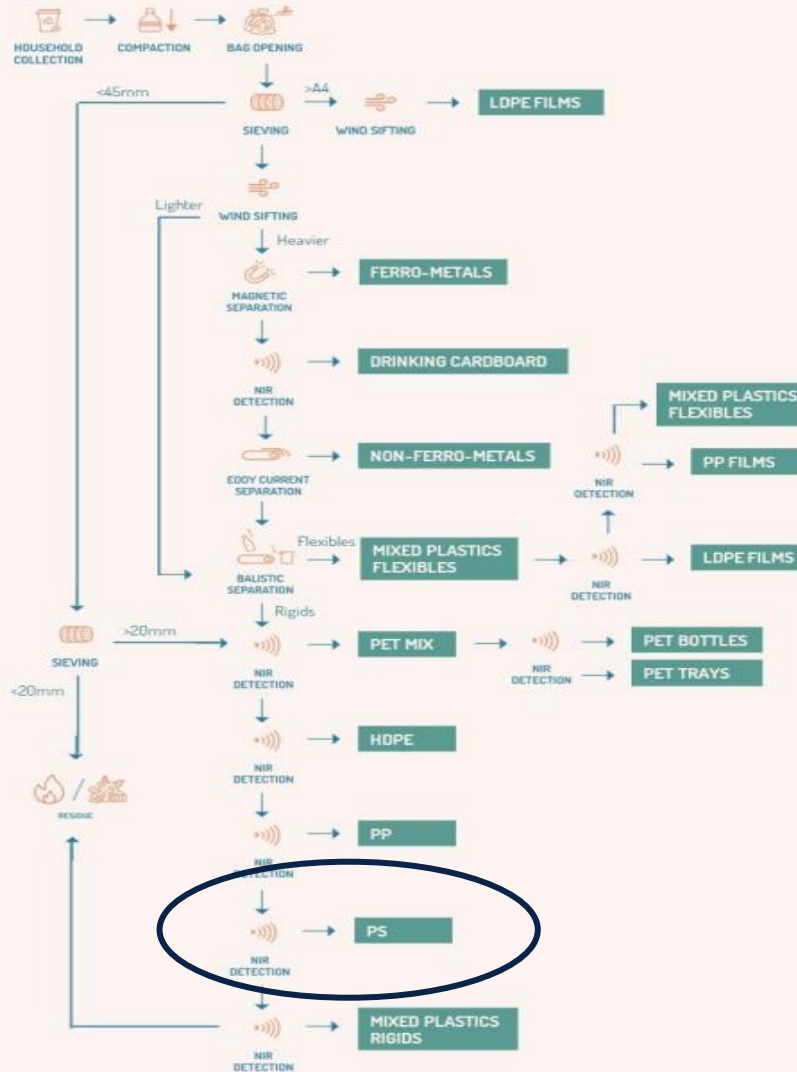
SORTING EVALUATION PROTOCOL

FOR PLASTIC
PACKAGING

STANDARD TESTING PRACTICE

VERSION 1.0

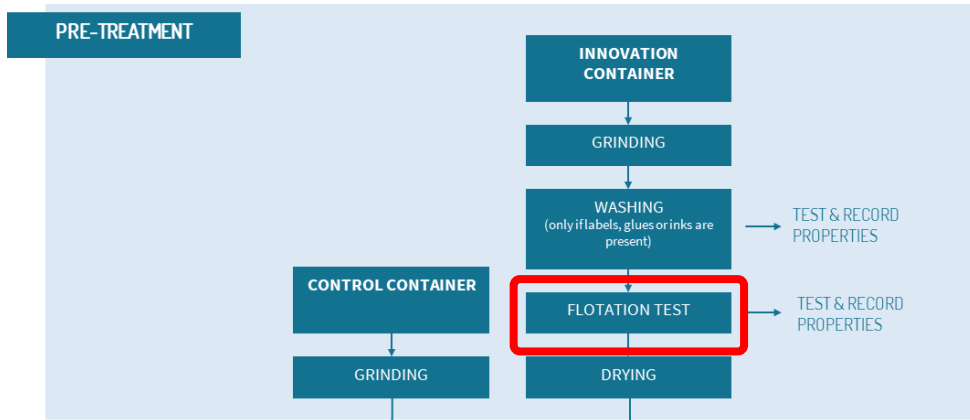
PUBLISHED ON SEPTEMBER 2021



CIRCPACK
by  **VEOLIA**



RecyClass | QUICK TEST PROTOCOLS: floatation



Procedure

STEP 1:

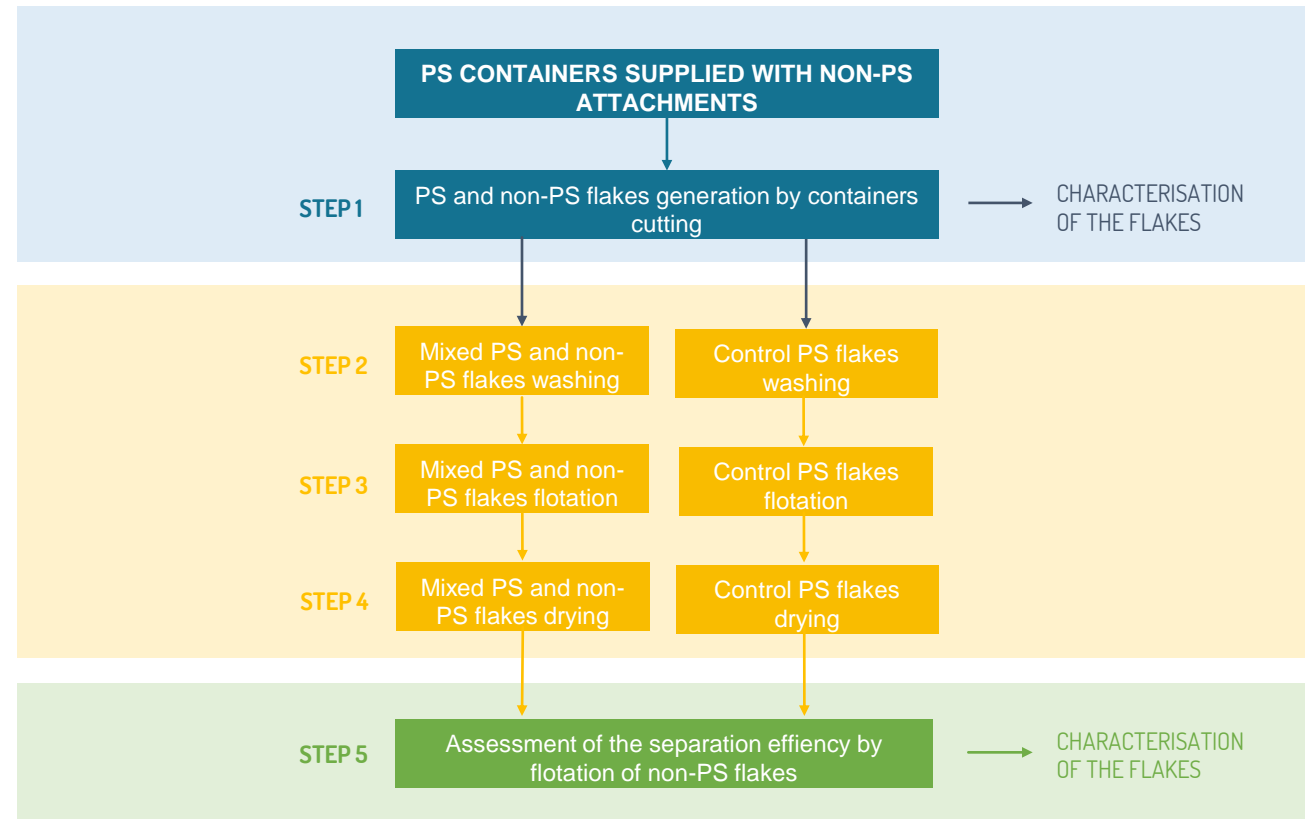
- Fill a vessel with tap water at a 1:6 ratio (5 kg washed flakes vs 30 l water).
- Add few drops of dish detergent
- Put each sample separately in the water and stir at 500 rpm for 4 minutes.
- Stop the stirrer and allow the water to rest for 2 minutes.
- Remove all the materials that float at the surface with a sieve.
- Take photos of the floating and sinking fractions separately
- Take photos of the water and save a wash for visual evaluation

STEP 2:

- Fill a vessel with tap water at a 1:6 ratio (5 kg sinking fraction of Step 1 vs 30 l water).
- Add few drops of dish detergent
- Add 12% of sodium chloride to the water solution (or any other salt) to increase the water density up to 1.08 g/cm³
- Put the sank samples from STEP 1 in the water and stir at 500 rpm for 4 minutes.
- Stop the stirrer and allow the water to rest for 2 minutes.
- Recover all the materials that float at the surface with a sieve.
- Take photos of the floating and sinking fractions separately
- Take photos of the water and save a wash for visual evaluation

2 steps process:

- Step 1: Cut at $\rho = 1$ to separate PO
- Step 2: Cut at $\rho = 1.08$ to remove PET, PVC, etc.



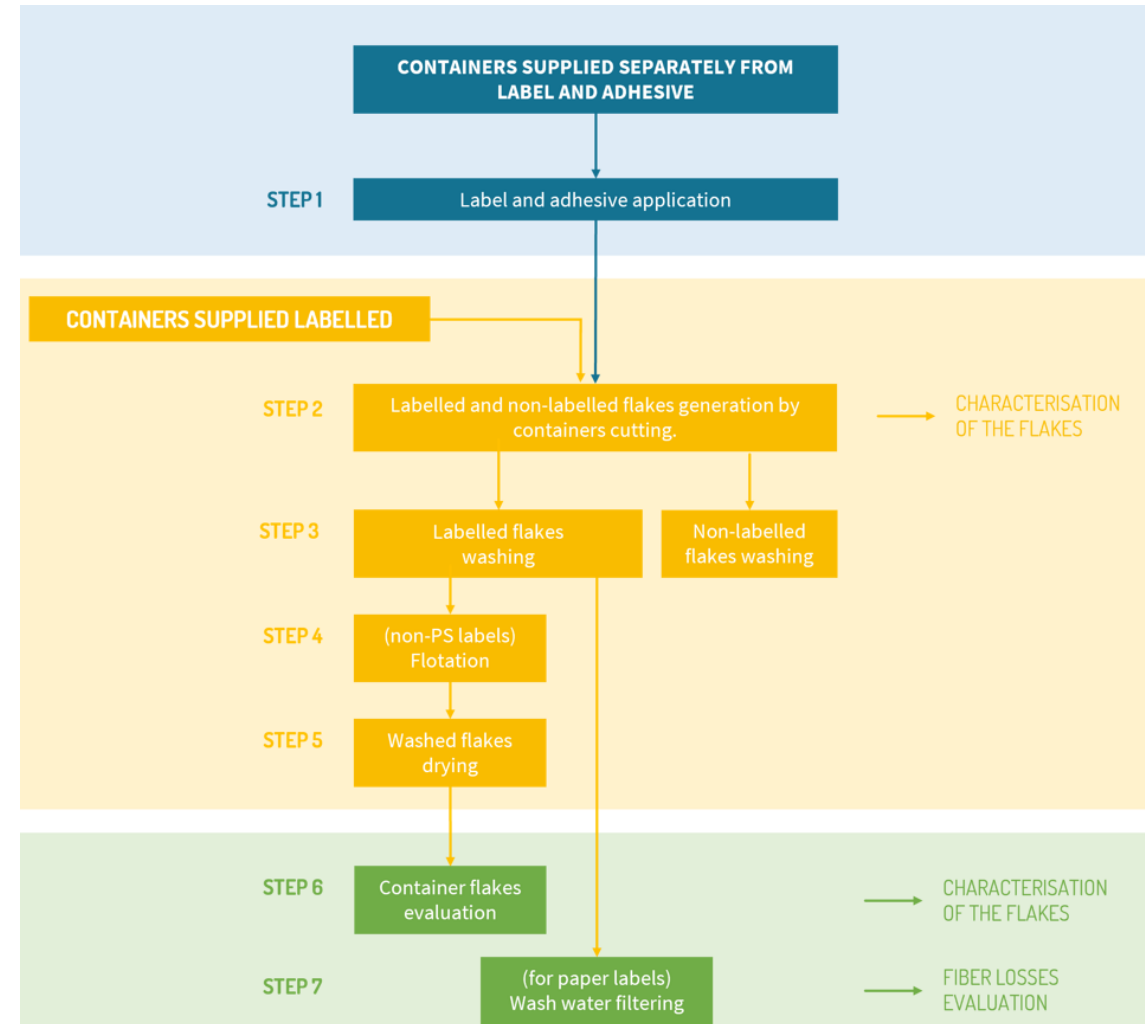
RecyClass | QUICK TEST PROTOCOLS: washing

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WASHING QUICK TEST PROCEDURE

FOR LABELS
APPLIED ON PS
CONTAINERS

STANDARD LABORATORY PRACTICE



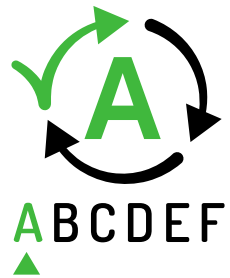
RecyClass | DESIGN FOR RECYCLING GUIDELINES

RecyClass

PS Coloured containers (except XPS and EPS)

	YES - FULL COMPATIBILITY	CONDITIONAL - LIMITED COMPATIBILITY	NO - LOW COMPATIBILITY
MATERIAL COMPOSITION (AMOUNT OF PS IN THE PACKAGING)	A > 95%, B > 90% and all packaging features are FULLY compatible with recycling	C > 70% and all packaging features are FULLY compatible with recycling	D > 50%, E > 30%, F < 30% and all packaging features are FULLY compatible with recycling
DESCRIPTION (TEST PROTOCOL)	Materials that passed the testing protocols with no negative impact OR materials that have not been tested (yet), but are known to be acceptable in PS recycling	Materials that passed the testing protocols if certain conditions are met OR materials that have not been tested (yet), but pose a low risk of interfering with PS recycling	Materials that failed the testing protocols OR materials that have not been tested (yet), but pose a high risk of interfering with PS recycling
DESCRIPTION (METHODOLOGY)	In case of at least one limited compatibility one penalty is applied, lowering the recyclability class from A to B or from B to C	In case of at least one limited compatibility one penalty is applied, lowering the recyclability class from C to D	In case of at least one limited compatibility one penalty is applied, lowering the recyclability class from D to E or from E to F
MAIN BODY	MATERIAL*	PS	PS foamed < 1 g/cm ³ ; multilayers
	COLOURS	Light colours	Dark colours (NIR detectable)
	SIZE	Items compacted < 5 cm	Items compacted < 2 cm
	PRODUCT RESIDUES (EASY TO EMPTY INDEX)	A if the index is < 5%; B if the index is < 10%	D if the index is < 20%; E < if the index is 25%; F if the index is > 25%
	BARRIER	EVOH	PA; PVDC
	ADDITIVES	Additives that are unavoidable in processing (stabilizers, antioxidants, lubricants, nucleating agents, peroxides) and in formulation (SBS copolymer) with density remains between 1 and 1,07 g/cm ³	Mineral fillers (CaCO ₃ , talc) not increasing density > 1,07 g/cm ³
ATTACHMENTS	CLOSURE SYSTEM	PP, PE, paper without fiberloss	PET; PETG; PVC; PLA; Paper with fiberloss; Any other material with density >1 g/cm ³ ; Non detaching or welded closures; Aluminium; metal
	LINERS, SEALS AND VALVES	PP; PE; EVA; TPE; Removable aluminium lidding	PET; PETG; PVC; PLA; Any other material with density >1 g/cm ³ ; Metal; metal foil; silicone
	LIDS	PP; PE; Removable aluminium lidding; Paper without fiberloss	PVC; Aluminium foil; paper with fiberloss; Multilayer PET/paper or PET/PS; Any other material with density >1 g/cm ³
	OTHER COMPONENTS	PP, PE, paper without fiberloss	PET; PETG; PVC; PLA; metal; metal foil; any other material with density >1 g/cm ³
DECORATION**	INKS	Non toxic and non-bleeding inks (follow the EuPIA Guidelines)	Inks that bleed; Toxic or hazardous inks; PVC binders
	LABELS MATERIALS (PSL, WET-GLUE LABELS, WRAP-AROUND LABELS, IML)	Labels in PS	Labels in PP, PE (with density < 1 g/cm ³); Label in paper without fiberloss
	ADHESIVES FOR LABELS	Water soluble adhesive (@ less than 40°C); Water releasable adhesive (@ less than 40°C)	Labels that hinder the recognition of the PS; PET; PETG; PVC; PLA; Paper with fiberloss; In-Mould-Labels; Metallised materials; Aluminium
	SLEEVES	Sleeves in PS; Self-separable plastic and cardboard sleeves under mechanical pressure (sorting test mandatory)	Non-water soluble adhesive (@ less than 40°C); Non-water releasable adhesive (@ less than 40°C)
	DIRECT PRINTING	Sleeves in PE, PO (with density < 1 g/cm ³); Cardboard sleeves without fiberloss (sorting test mandatory)	Sleeves that hinder the recognition of the PS; PET; PETG; PVC; PLA; Cardboard sleeves with fibre loss during recycling process; Metallised materials; Heavily inked sleeves; Aluminium
		Laser marked; Production or best-before date; Direct printing (inks + lacquer) representing < 1 wt% of the total packaging (except dark colours)	Any other direct printing

DESIGN FOR RECYCLING ASSESSMENT



- Qualitative Assessment: **ranking from A to F**
- Valid for the **EU market**
- Based on the **European plastic waste streams**
- Packaging design, sorting behaviour, end-markets included

RECYCLABILITY RATE ASSESSMENT



- Quantitative Assessment: **% of recyclable content, in addition to class ranking**
- **Country-specific**
- Based on the **local collection and availability of infrastructures**
- Packaging design, sorting behaviour, end-markets included

RecyClass

RECYCLABILITY RATE CERTIFICATE

THIS CERTIFIES THAT

PRODUCT NAME
BRAND NAME
LEGAL COMPANY NAME AND ADDRESS

The product and equivalent products listed in Annex I were assessed and certified according to RecyClass Recyclability Methodology (version 1.1) and Design for Recycling Guidelines (Feb. 2021), hereby obtaining the following recyclability rate and class:

90%

RECYCLABILITY

The value represents the proportion of material in the packaging that is recoverable and valuable for the recycling stream.

The certificate and its result are valid for: France, Germany, Spain and Italy

Audit Report and Certificate Registration Code:	CERTIFIED BY:
Date of issue of Certificate:	NAME OF AUDITOR
Date of expiration of Certificate:	Title of auditor
	CERTIFICATION NAME
	Certification address

* Validity conditions and terms of use may be found in the Audit Scheme documents.

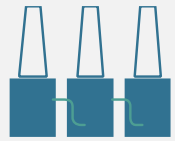
RecyClass - Avenue de Broqueville 11, 1150 Woluwe-Saint-Pierre - Belgium - Phone : +32 2 313 24 60 - info@recyclclass.eu - www.recyclclass.eu

PAGE 1/X



➔ Certification **recognises the use of recycled plastics in products** via an independent third-party audit. Certification is granted to a process linked to a product or group of products.

➔ Audit Scheme verifies the traceability of recycled material in different process steps throughout **the whole chain of custody of the recycled material**.



RECYCLER



Traceability
Certification
EN 15343



COMPOUNDER



Recycled Content
Traceability
Certification



CONVERTER



Recycled Content
Traceability
Certification



PRODUCER

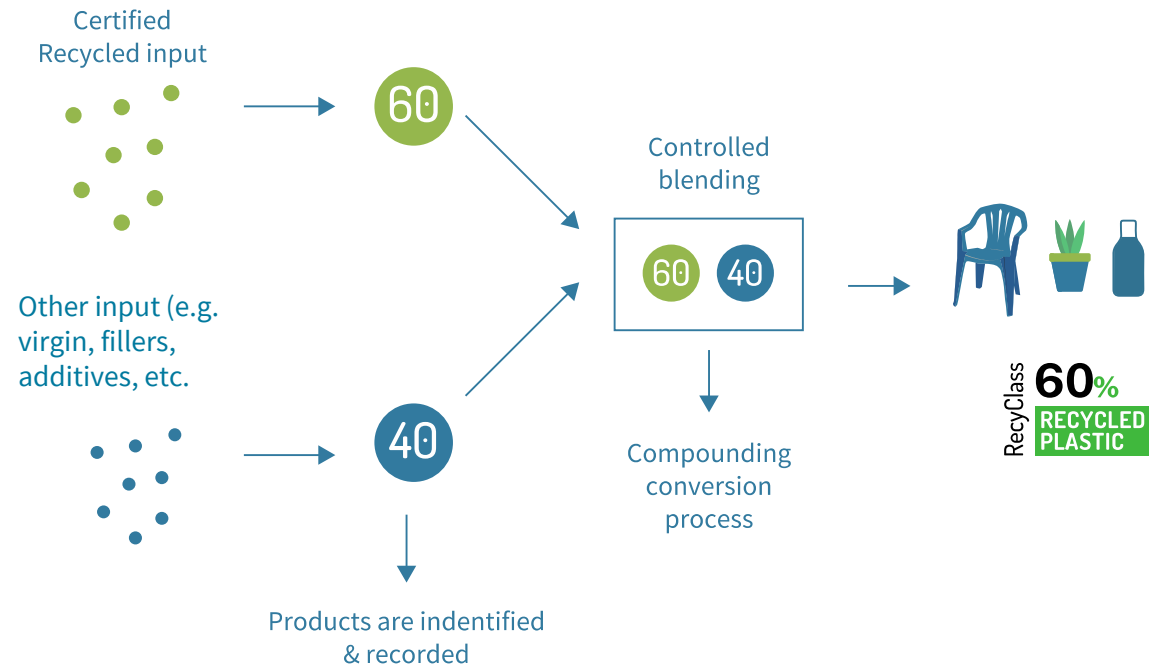


Recycled Content
Traceability
Certification

RecyClass

CONTROLLED BLENDING CHAIN OF CUSTODY

- Certification follows a **controlled blending approach** as a chain of custody model as described in ISO/IEC 22095:2020.
- The certification relates to recycled plastics when mixed with other materials or substances resulting in a **known proportion of recycled content of plastics** in output products.
- Focus on the **physical presence** of recycled plastics in the output.



Documentation available online

RecyClass | 2022 DEVELOPMENTS

CERTIFICATION READY
FOR ACCREDITATION

- RecyClass CAS positively evaluated by EA according to ISO 17065.
- Recognised certification bodies to operate under accreditation within transition period of 2 years.

ALIGNMENT WITH CPA AUDIT FRAMEWORK REQUIREMENTS*

- Addition of an Annex to be compliant with the CPA Audit Framework requirements.
- To be used as a verification of use of recycled plastics in a site/process.
- *Pending official approval by the CPA Monitoring WG

RecyClass

8. ANNEX I: CIRCULAR PLASTICS ALLIANCE

The following Annex verifies the tonnages to be reported to a CPA compliant Data Collector to count towards the monitoring of recycling and uptake of recyclates in the EU.

This Annex applies only to converters following the CPA definition

The following data points were evaluated and verified for the period XX

The following data is compliant with Traceability Level 2

8.1 CONVERTER'S TOTAL INPUT

Specify the Converter's Total Input value and the period assessed below to be declared:

[illegible]

*Reporting optional for Traceability

**Report only for Traceability Level

Detail how the calculation was done to obtain the value and verify it is plausible

Check if any Converter's input was supplied by a trader. If this is the case, keep in mind that traders and compounders are subject to the same information obligation as recyclers (according to either Traceability level 1 or 2).

If the plant has received any material which has been refused that is recorded. That material cannot be included in the reported tonnages.

8.2 CONVERTER'S OUTPUT

Specify the Converter's Total Output value and the period assessed below to be declared:

RecyClass Recycled Plastics Traceability Certification ready for accreditation

RecyClass Conformity Assessment Scheme positively evaluated by the European co-operation for Accreditation

With the positive evaluation by the European co-operation for Accreditation (EA)'s, RecyClass Recycled Plastics Traceability Certification becomes the go-to scheme for companies that want to comply with the standard EN 15343:2007 and to stay ahead in the circular transition. The scheme verifies and certifies the origin, as well as the percentage of recycled content in, beyond packaging, virtually any plastic products in line with the latest market and regulatory developments.

"It is a clear signal to all the actors of the value chain who are searching for a reliable and credible scheme to certify the circularity of their plastic products", said Paolo Glerean, Chairman of RecyClass. "This positive evaluation will bring more transparency on the market and give confidence to both downstream and end-users. We are convinced that such a robust tool will constitute major support for the companies willing to substantiate their commitment on the use of recycled plastics" he added.

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RECYCLABILITY

- ✓ Testing Protocols
- ✓ DfR Guidelines
- ✓ Recyclability Methodology
- ✓ Online-Tool
- ✓ Recyclability Certifications & associated claims/logos

RECYCLED CONTENT

- ✓ Recycled Plastics calculation (controlled blending approach)
- ✓ Recycled Plastics Traceability Certification & associated claims/logos

A graphic consisting of four thick, light blue curved arrows arranged in a circle, pointing clockwise. The arrows are positioned around the central text, with one at the top, one on the right, one at the bottom, and one on the left.

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PLASTICS FUTURE IS CIRCULAR

Questions & Answers

Use the Q&A box in the top-right corner of your screen



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Thank you for participating!

Save the date!
6 July

Your feedback matters!
[Webinar Evaluation Form](#)

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