



RecyClass FOR BEGINNERS

Recycling Process Certification

13 September 2023

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STATE OF PLAY

**Eco-
modulation**
of the EPRs
fees

**Additional
requirements
for recycled
plastic**

Food Contact
legislation EC
2022/1616

Packaging &
Packaging
Waste
Regulation
draft



National
implementation of
the **plastic tax**

**Certification of
origin of waste and
recycled content**

Public
interest in
recycled
content

**Market
developments**

Support
corporate
sustainability
claims

Request for
transparency

**Legislative
requirements**

Demonstrate compliance with
legislation (B2B)

Single Use
Plastics Directive
25% in PET bottles
by 2025 and 30%
for all beverage
containers by 2030

Revision of
the ELV
Directive



RecyClass | OUR KEY DRIVERS

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**.

RecyClass Vision

Reliable: based on traceability principles described in standard EN 15343.

Reflecting reality: based on robust calculation and chain of custody models along the value chain – controlled blending.

Independent: Third-party evaluation via accredited CBs

RecyClass Commitments



Circularity: endorsement of the EMF definition & listed as mandatory requirement of the recyclability definition (jointly developed with APR – USA)

Source: <https://recyclclass.eu/recyclability/definition/>

WHY RECYCLASS CERTIFICATION?

Traceability.

Use of recycled plastic along the value chain



Transparency.

Verification about the waste origin and source



Trust.

Certified claims for recycled content





Point of origin Certification for
Recycled Plastics Traceability
Certification



Verification of recycled content –
output and input
characterization



Evaluation of environmental
performance



Third party certification
accredited under ISO
17065





Good for me.
Good for the environment.

The Blue Angel Label – ecolabelling programme – targets certification of products and services for many sectors, including “**Environmentally Friendly Recycled Plastics**”. More information in the document [DE-UZ 30a](#).

Requirements establish that **applicant products must contain at least 80% post-consumer recycled plastic**. This must be **demonstrated by certification** such as **RecyClass Recycling Process**.



Assessment of the EU Ecolabel criteria for six Detergent Product Groups

JRC recommends certification for the use of recycled plastic such as RecyClass. Avoidance of self-declaration.

RecyClass | RECYCLING PROCESS CERTIFICATION



Point of origin Certification for Recycled Plastics Traceability Certification



Calculation of recycled content based on EN 15343 – with verified input and output



Traceability aligned with ISO 22095 – Controlled Blending Chain of custody model



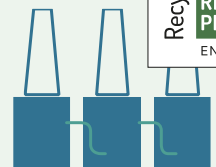
RECYCLING
PROCESS



RECYCLED PLASTIC
TRACEABILITY

RecyClass **84%**
RECYCLED
PLASTIC

Point of origin
RecyClass Recycling
Process Certificate



RECYCLER

RecyClass Recycled
Plastics Traceability
Certificate



COMPOUNDER

RecyClass Recycled
Plastics Traceability
Certificate



TRADER

RecyClass Recycled
Plastics Traceability
Certificate



CONVERTER

RecyClass Recycled
Plastics Traceability
Certificate



PRODUCER

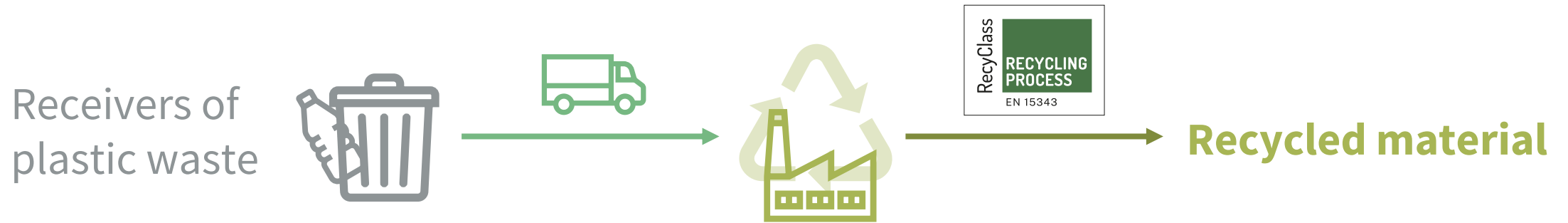
RecyClass **84%**
RECYCLED
PLASTIC

RecyClass **84%**
RECYCLED
PLASTIC

RecyClass **52%**
RECYCLED
PLASTIC

RecyClass **52%**
RECYCLED
PLASTIC

RecyClass | WHO CAN APPLY?



Companies receiving Input Plastic Waste within a recycling process



Waste management permit; or permit exemption (according to Article 24 of the Waste Framework Directive)



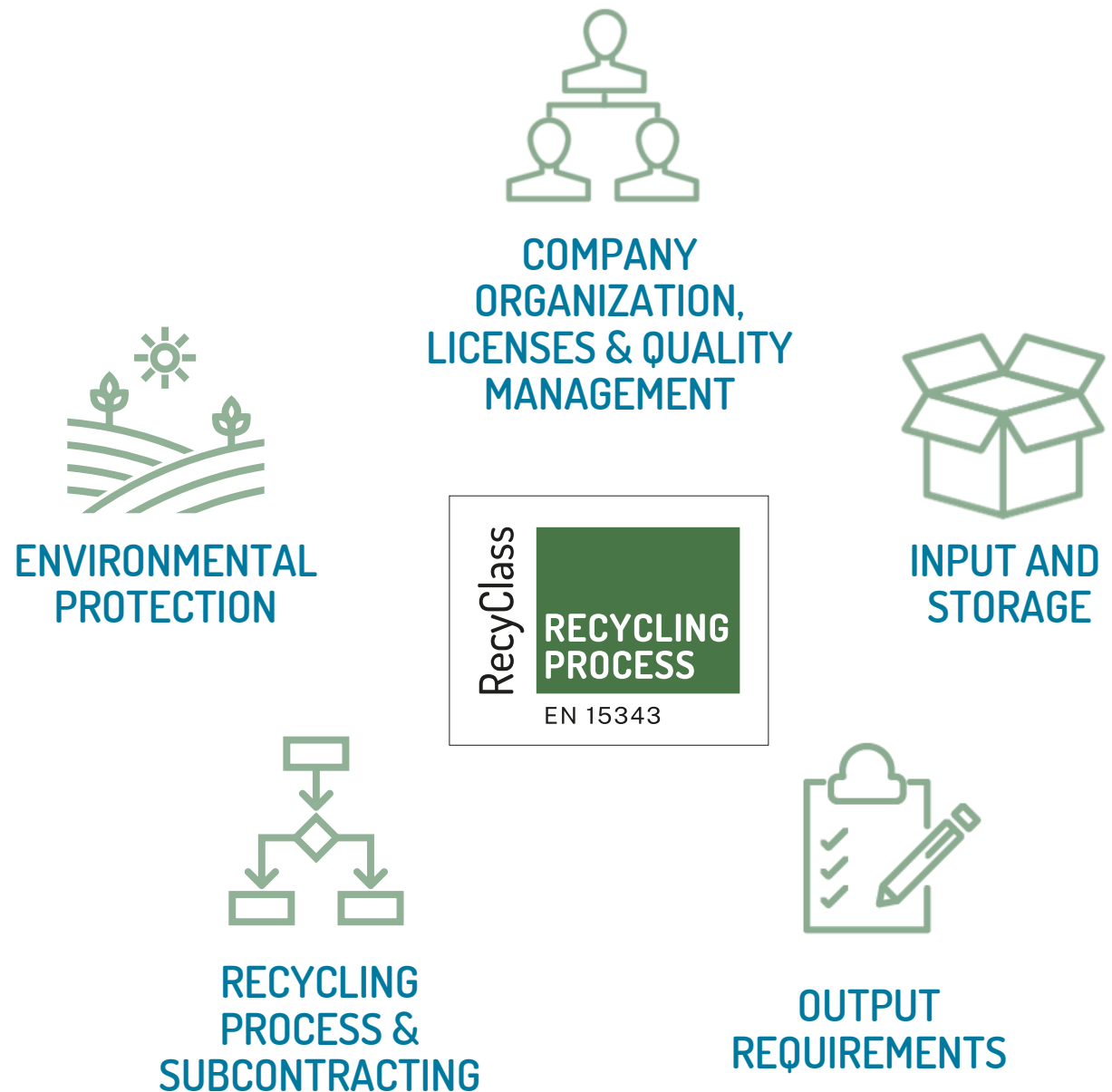
Operating license/Environmental license with specific provisions on treatment of waste

RecyClass

RECYCLING PROCESS AUDIT REQUIREMENTS

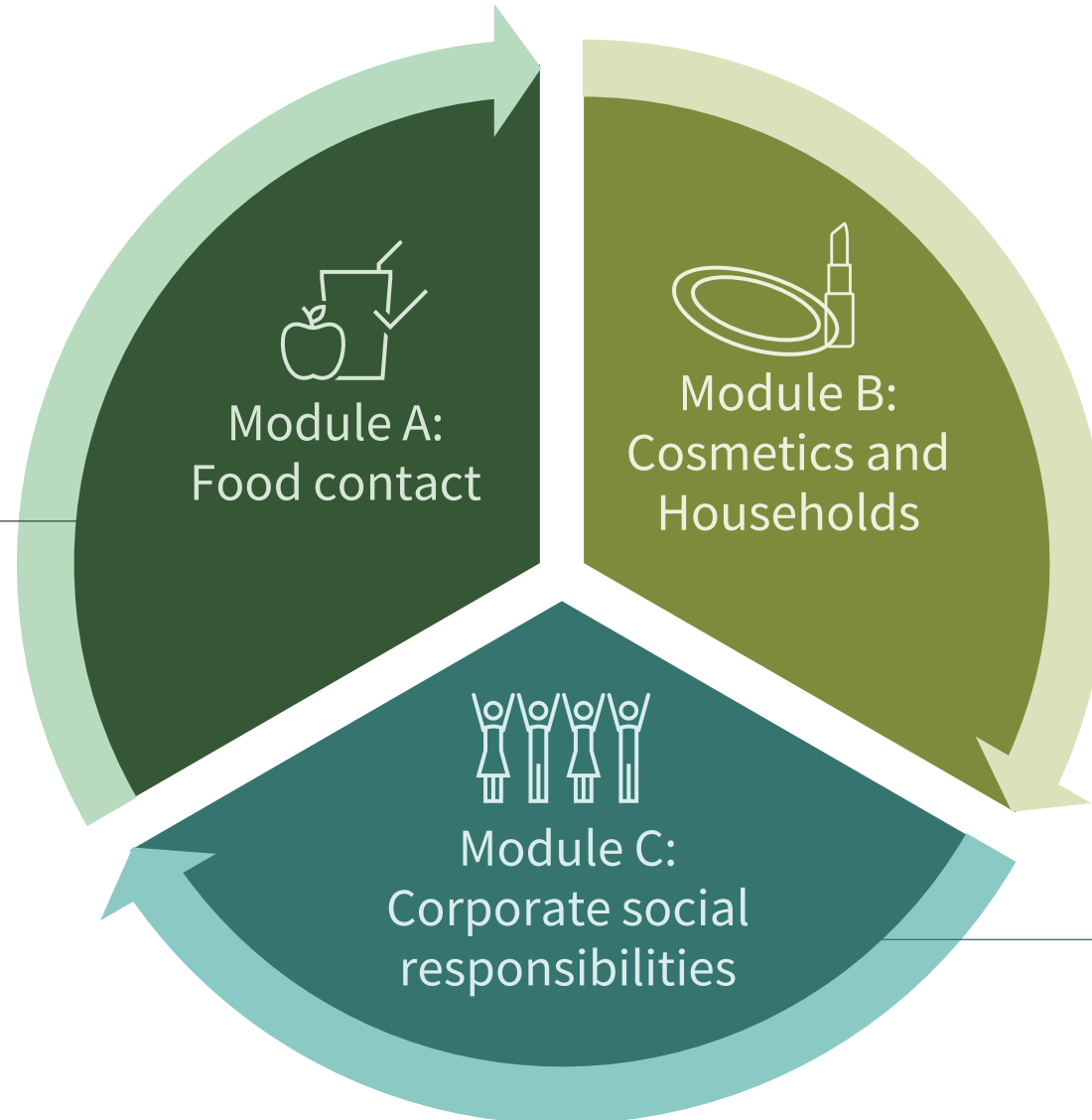


AUDIT SCHEME



ALIGNED WITH COMMISSION REGULATION (EU) 2022/1616:

- **Module A1** Pre-processing activities to make a suitable Plastic input for the Decontamination process.
- **Module A2** Decontamination from Plastic Input in order to make it suitable for contact with food.



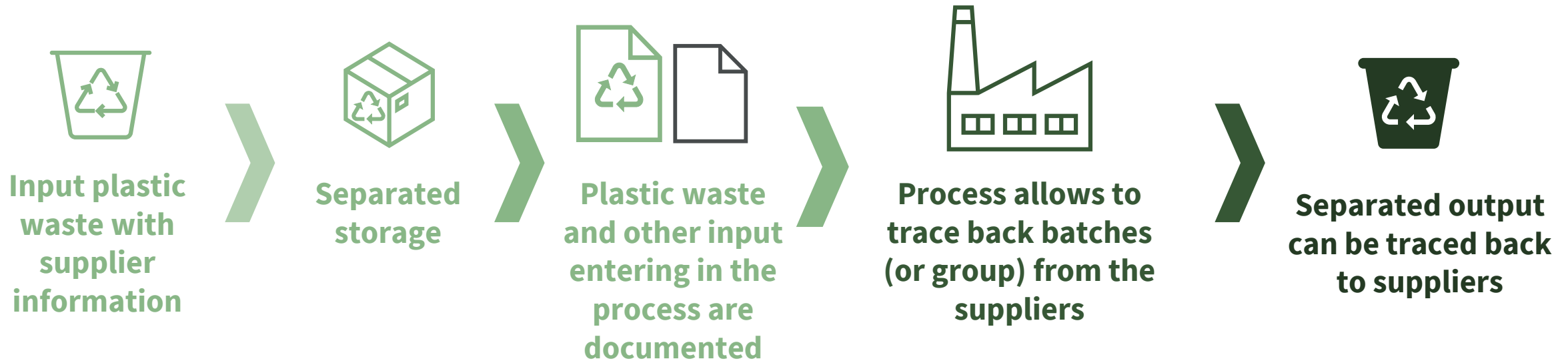
**Mandatory for
recyclers outside
EU27+3**

RecyClass | TRACEABILITY WITHIN THE PROCESS

Traceability

[ISO 22095, 3.6.1]

the ability to trace the history, application, location or source(s) of a material or product throughout the supply chain



RecyClass | TRACEABILITY: CHAIN OF CUSTODY MODELS

SEGREGATION



CONTROLLED BLENDING



RecyClass | TRACEABILITY: CHAIN OF CUSTODY MODELS



RecyClass | ORIGIN OF WASTE

Pre-consumer plastic

[ISO 14021:2016, 7.8.1.1]

Material diverted from the waste stream during a manufacturing process. Excluded is reutilization of materials such as rework, regrind or scrap generated in a process and capable of being reclaimed within the same process that generated it.

e.g. PET preforms

(By-products have no waste status) Re-work, regrind or scraps that can be reclaimed in the same process that generated it are excluded

Post-consumer Plastic

[ISO 14021:2016, 7.8.1.1]

Material generated by households or by commercial, industrial and institutional facilities in their role as end-users of the product which can no longer be used for its intended purpose. This includes returns of material from the distribution chain.

e.g. Household waste, commercial waste such as supermarkets

More information in the [CPA Guidance on Waste.](#)

RecyClass | WASTE INPUT



RecyClass | AUDIT OUTCOME

<h1>RecyClass</h1>	
RECYCLING PROCESS CERTIFICATE	
Name of the recycler: Name of the recycler	
Address: Address	
Country: Country	
Registration office address: Address	
Country: Country	
The audited recycling process and associated management systems have met the requirements of Recycling Process Audit Scheme Version 11.1, in line with EN 15343:2007 and has the required procedures in place in order to ensure the traceability of recycled plastics produced listed in the annex of this certificate.	
Certification compliant with EN 15343:2007 (international equivalence; identical with UNE-EN 15343:2008).	
Certification Module(s): e.g. general + Module A/B/C Food contact, Households and Cosmetics, CSR – Requirements Level 1 and 2	
Type of audit(s): e.g. monitoring/provisional	
Initial audit date: xx/xx/yyyy	
Chain of custody mode(s): e.g., controlled blending	
Traceability level: 1, 2 or 3	
Process overview: e.g., Sorting/cleaning, shredding, washing, drying, extrusion	
Input Plastic waste: e.g., LDPE, LLDPE, HDPE, PP, PET, PVC, bales, big-bags and cages	
Type and source of waste: e.g., post-consumer, household - bottles	
Recycled Output: e.g., PET-PP, PVC flakes and Pellets	
Pre-processed waste outputs: No	
Audit Report and Certificate Code: RPO07-20-23-AJM	CERTIFIED BY:
Date of the audit: XX/XX/2022. (extension xx/xx/yyyy)	Name of CB legal representative
Period of validity: XX/XX/2022 - XX/XX/2023	Position
*Validity conditions and terms of use may be found in the audit document(s)	Certification Body name
	Address
Click on icon to add Certification Logo	
Certificate ref: Cefcertifone version 1.2 RegCyclus - Avenue de l'Europe 12, 1150 Brussels - Belgium - Phone : +32 23124400 - info@recyclaus.be - www.recyclaus.be	
PAGE 1/X	

Certification Level:
Level 1 – fulfilled only
the core requirements
Level 2 – fulfilled also
optional requirements

[illegible]

List of certified products/families of products

RecyClass

**RECYCLING
PROCESS**

EN 15343


 RecyClass
**RECYCLING
PROCESS**
 EN 15343

RecyClass
RECYCLING
PROCESS

RecyClass
**RECYCLING
PROCESS**

- + Recycling Process Report
- + Final logo
- + Certification Mark Design Guidance
- + Quality Management & Procedures document
- + Use of Claims Guidance

RecyClass | HOW TO GET A RECYCLASS CERTIFICATION

CONTACT A RECOGNIZED CERTIFICATION BODY



1 APPLICATION SUBMISSION AND ASSESSMENT

2 RECYCLASS APPROVAL

3 DOCUMENTATION EXCHANGE AND ONSITE AUDIT

4 AUDIT REPORT PREPARATION, REVIEW AND DECISION

5 QUALITY CONTROL

**6 CERTIFICATE RELEASE
(COMPANY LISTED ON RECYCLASS WEBSITE)**

RecyClass | USE OF RECYCLED PLASTIC CERTIFICATIONS



RECYCLED PLASTIC VALUE CHAIN

RECYCLING
PROCESS



RECYCLED
PLASTIC
TRACEABILITY

RecyClass **84%**
RECYCLED
PLASTIC



Calculation of **recycled plastics in products**
based on **EN15343**



Trace the **use of certified recycled**
input for all actors



Reliable and understandable claims
based on physical content; **no attribution**

Point of origin
RecyClass Recycling
Process Certificate



RECYCLER

RecyClass Recycled
Plastics Traceability
Certificate



COMPOUNDER

RecyClass Recycled
Plastics Traceability
Certificate



TRADER

RecyClass Recycled
Plastics Traceability
Certificate



CONVERTER

RecyClass Recycled
Plastics Traceability
Certificate



PRODUCER

SPANISH PLASTIC TAX

KEY INFORMATION

Applies to all **non-reusable plastic packaging** placed onto the Spanish market.

Applies only to virgin plastic.

0.45€/Kg of the total weight of the product.

What is non-reusable plastic packaging?

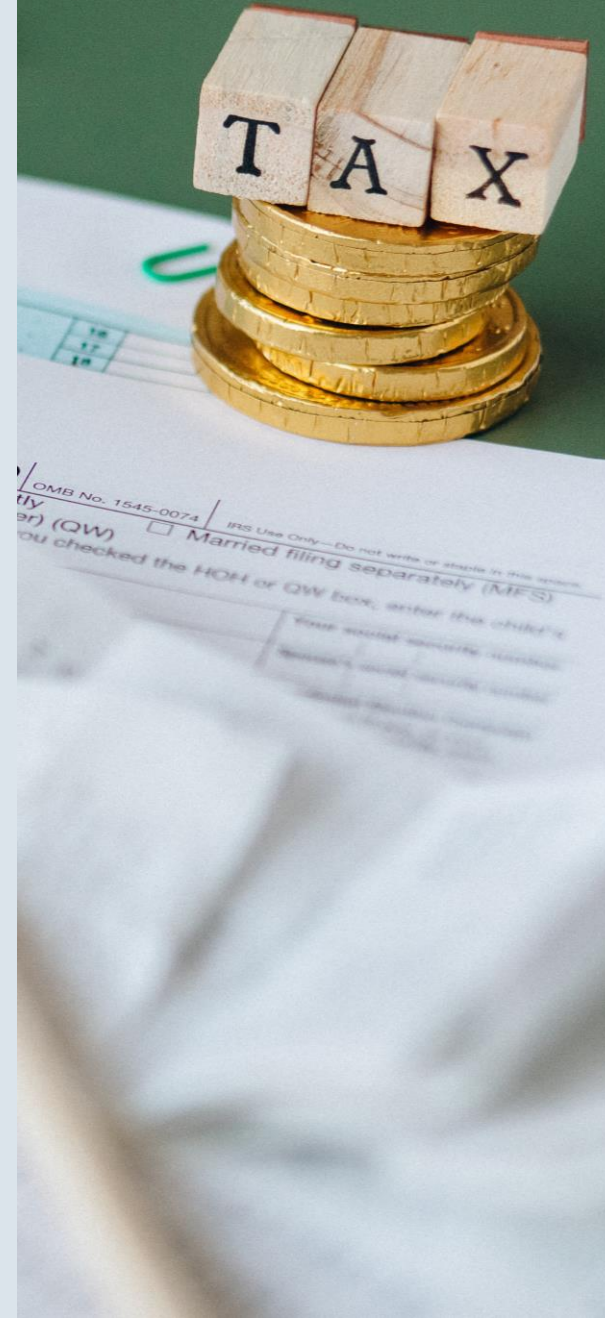
Packaging products designed to contain, manipulate, distribute and present goods.

Semi-finished products destined to become packaging such as sheets or preforms.

Products destined to permit the closure, commercialization or presentation of non-reusable packaging.

What is non-reusable?

When packaging has not been designed and commercialised to complete different loops throughout their life or to be refilled or reused for the same purpose as they were designed.



SPANISH PLASTIC TAX

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0.45€/Kg of the total weight of the product.

DURING 2023

Companies may provide a self-declaration on the use of recycled plastics to deduct the tax.

FROM JANUARY 2024

The use of recycled plastic must be certified under **UNE EN 15343:2008**.

Certificates must be **issued by a third-party CB**.

CBs must be **accredited by a National AB from the EU** or an AB with an MLA with ENAC.



RecyClass

CAN RECYCLASS CERT. BE
USED TO DEDUCT THE TAX?

Article 77 ([Ley de Residuos](#))

The use of recycled plastic must be certified under **UNE EN 15343:2008**.

CBs must be **accredited by a National AB** from the EU or an AB with an MLA with ENAC.

RecyClass is based on the standard **EN 15343:2007**; identical equivalent to UNE EN 15343:2008.

PDF Ver parte del contenido de la norma >

Fecha Edición:	2008-04-23 / Vigente
Versión confirmada en fecha:	2017-12-21
ICS:	13.030.50 / Reciclado 83.080.20 / Materiales termoplásticos
CTN:	CTN 53/SC 8 - Reciclado de plásticos
Equivalencias internacionales:	EN 15343:2007 (Idéntico)

The difference in the year refers to adoption of the CEN standard in UNE, the translation to Spanish.



RecyClass

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CBs must be **accredited** by a **National AB** from the EU or an AB with an MLA with ENAC.

RecyClass requirements for CB refer to accreditation in line with ISO 17065



RecyClass Recycling Process Certification qualified for accreditation of Certification Bodies in line with ISO 17065

27 Jun 2023



RecyClass Recycled Plastics Traceability Certification ready for accreditation

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

14 Feb 2022

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 [...]



RecyClass



Segregation/Controlled blending approach

KEY MESSAGES & AUDIT BENEFITS



Certification aligned with industry recognised standard **EN 15343** – Spanish Plastic Tax requirements.



Need for additional **volume reconciliation** and **plausibility check of the use of waste** and environmental performance parameters.



Transparent reporting of origin of the waste and calculation of recycled content to create trust in recycling industry with reliable claims.



RecyClass
FOR BEGINNERS

Questions & Answers

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

GET IN TOUCH WITH US!

info@recyclclass.eu

www.recyclclass.eu



More information about the Recycled Plastics Traceability Certification can be found via the [RecyClass for Beginners recorded sessions](#)



RecyClass
FOR BEGINNERS

Thank you for participating!

Join the upcoming RecyClass webinars:

www.recyclclass.eu/events

GET IN TOUCH WITH US!

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