

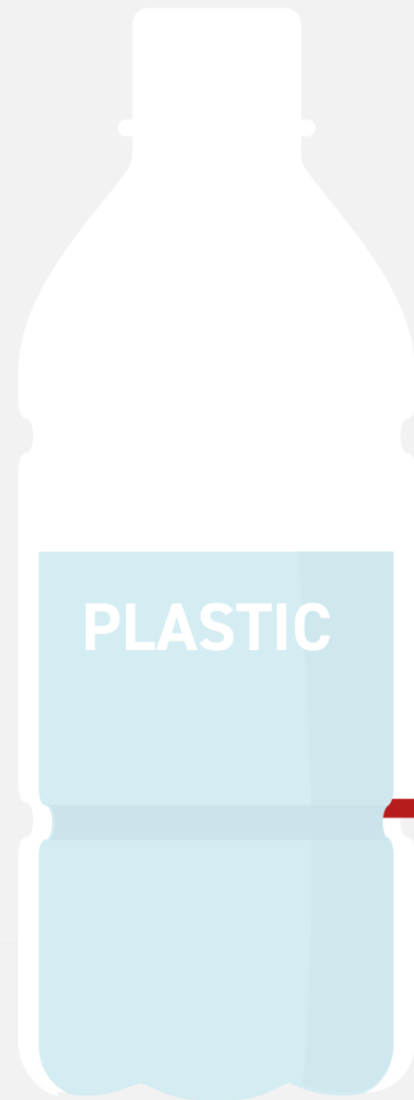


Plastics in a Circular Economy

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Petcore Europe Thermoforms Workshop
19th September 2017



34.5M
STOCKED



PLASTICS CHALLENGES



OIL DEPENDANCE



GHG EMISSIONS



MARINE LITTER

SOLUTIONS TO PLASTICS WASTE MANAGEMENT



ECO-DESIGN



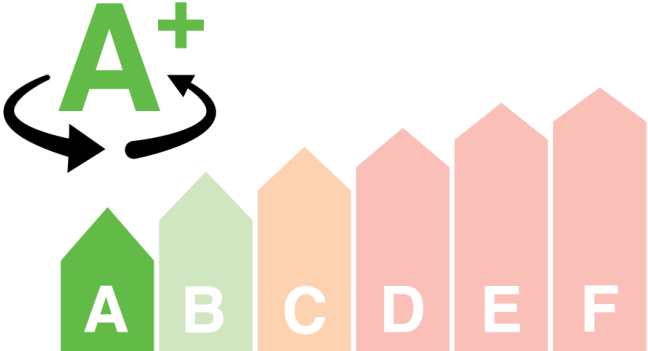
**COLLECTION
& SORTING**



**CONSUMER
AWARENESS**

ECODESIGN IS KEY

A+
RecyClass



A+ RecyClass **B+** RecyClass **C+** RecyClass **D+** RecyClass **E+** RecyClass **F+** RecyClass



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ECODESIGN



- Mono-material
- Multi-materials with different densities



- No heavy prints
- No paper labels
- No small parts
- No oxo, biodegradable materials
- No heavy glues/adhesives
- No chalk fillers
- No hazardous substances

STRUCTURE

THE PLASTIC FLOW



INCREASE RECYCLING: SEPARATE COLLECTION



INCREASE RECYCLING: THE IMPORTANCE OF SORTING

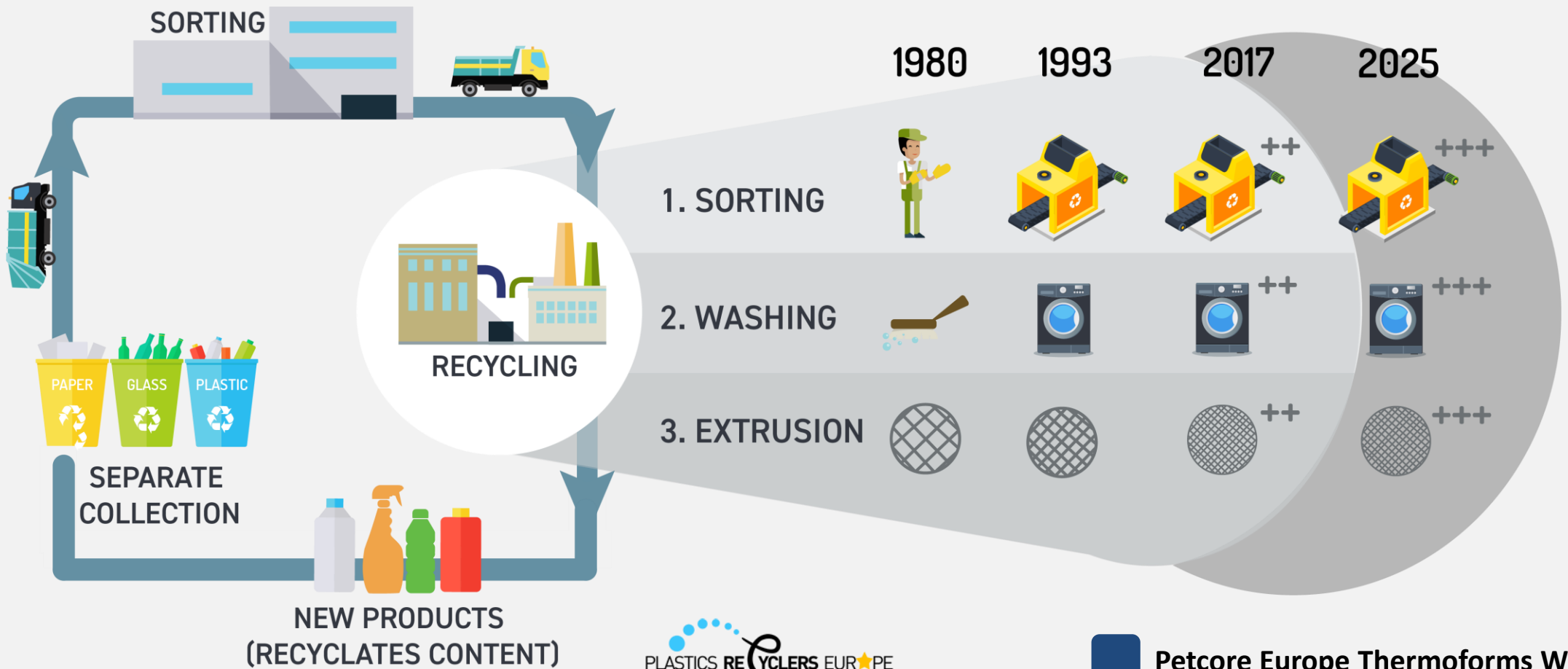
HARMONIZATION

PURE STREAMS

RELIABLE FEEDSTOCK



RECYCLING PROCESS THOUGH TIME



Today's legal requirements

Plastics packaging rate:

22,5% collection for recycling



Today's legal requirements

Growth of PET collection and recycling in Europe continues: over 1.8 million tonnes of PET bottles collected and recycled in 2015

Press Releases



With over 1.8 million tonnes of collected and recycled PET bottles, the 2015 European PET collection and recycling volumes have increased by 5% compared to 2014. This means that nearly 59% of all bottles placed in the European market have been collected for recycling in 2015, outlining an increase of 2% points compared to the 2014 collection rate.

These conclusions come from the annual PCI Wood Mackenzie report on post-consumer PET collection and recycling in Europe, which has been recently published.



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So PET is safe?

L'enorme business dell'acqua minerale: al produttore 1.000 litri costano 2 €. E poi inquina ed è meno sicura di quella del rubinetto

"Dieses Wasser schmeckt nach Chemie"

7 bouteilles écolo pour (enfin) arrêter d'acheter du plastique

Prost, Leitungswasser!

SAY GOODBYE TO BOTTLED WATER

MPs to reopen inquiry into plastic bottle use

Pourquoi vous ne devez plus jamais boire à une bouteille en plastique

TARTARUGA LIBERATA DA UNA BOTTIGLIA DI PLASTICA ATTACCATA AL DORSO PER ANNI (VIDEO)

What about tomorrow?

Changes in definitions:

1. Counting “real” recycling rate not collection
2. Common methodology to be decided by the Commission



New target for plastics?

60%

2030

2025

55%

30%

55% REAL RECYCLING



ECO-DESIGN



QUALITY COLLECTION
& SORTING



RECYCLED
CONTENT



Thank you!

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