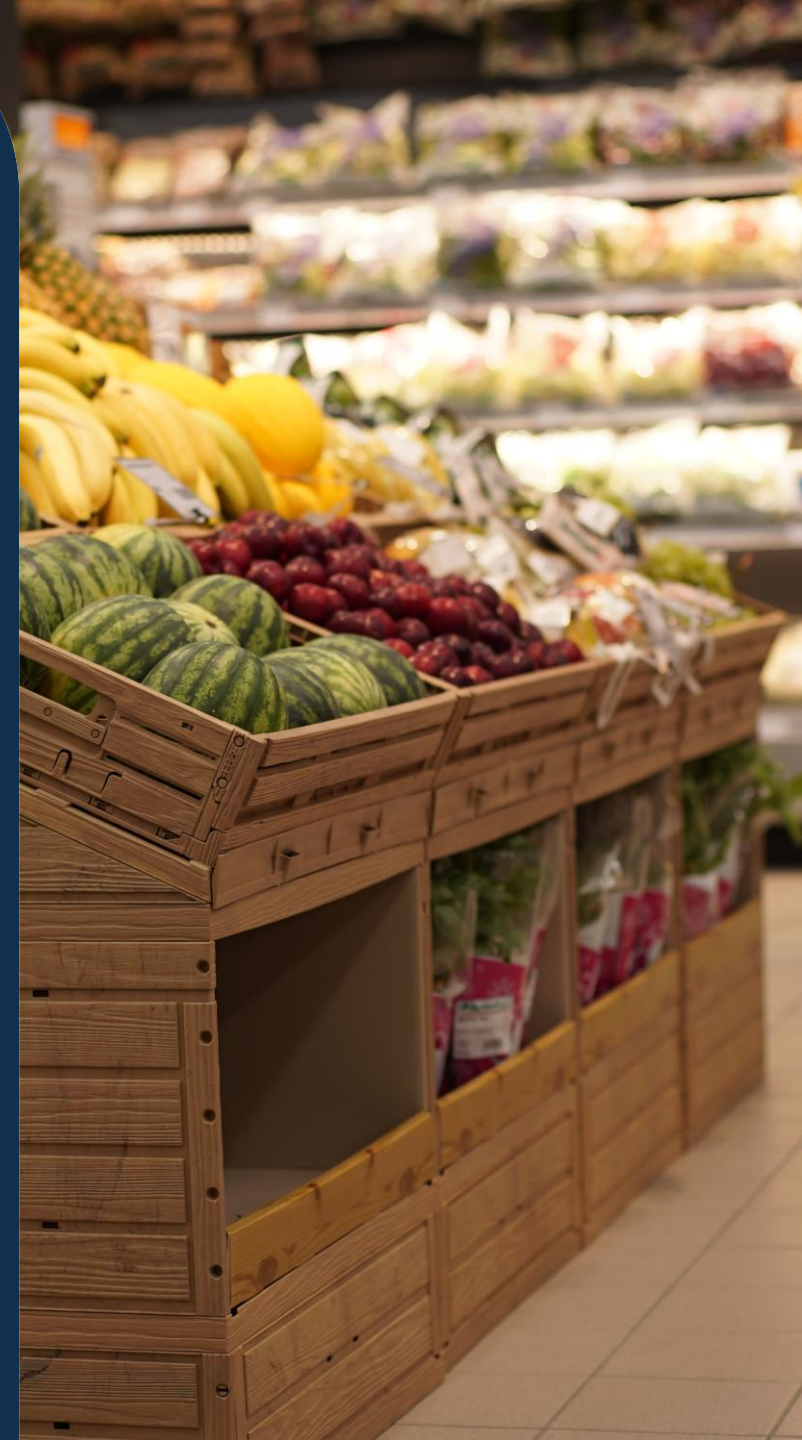




Packaging and Packaging Waste Regulation Compliance

Tosca Reusable Solutions



What is the PPWR? (Packaging and Packaging Waste Regulation)



Reduce

Focus of the PPWR is to reduce the volume of packaging which goes to waste. Prime focus is on household packaging but also covers transportation packaging.



Reuse

For the first time, the PPWR puts **reuse** at the forefront—moving beyond recycling to reduce waste and environmental impact.



EPR

The PPWR **enforces** Extended Producer Responsibility (EPR), making **producers financially accountable for packaging waste and support recycling infrastructure**.



Came into force 11 February 2025

Full Implementation by August 2026

1. REDUCE

The PPWR sets reduction targets for packaging waste

ALL PACKAGING WASTE must be reduced (at member state level) by*:

- 5% by 2030)
- 10% by 2035
- 15% by 2040

Tosca reusable asset pooling:

- Replaces single-use packaging with reusables
 - 10%+ waste reduction

*vs 2018 levels

Single-use plastic packaging
will be **banned** by 2030

for unprocessed
fresh fruit and
vegetables
(<1.5kg)

Solution:
Bins and crates



for grouped
packaging of
beverage
containers

Solution:
Beverage Trays



2. REUSE



>40% of that packaging moving into and between EU Countries must be reusable



100% of packaging within a company's own sites or moved within the same EU country (on the *group* level) must be reusable



Reusable packaging must be within a managed system (such as Tosca's pooling system!)

For certain packaging types, including transport, sales and grouped packaging the PPWR requires that:

While corrugated is exempt from these requirements ...

1. Corrugated materials still incur EPR fees
2. Such materials do NOT support REDUCTION
3. And do NOT PROTECT PRODUCTS => FOOD WASTE

3. RECYCLE

Plastic packaging must contain increasing amounts of recycled content over time.

Non-PET Food Contact Packaging

10% by 2030 **25%** by 2040

Non-Food Contact Packaging

35% by 2030 **65%** by 2040

- Recycled material target set on group level (manufacturing level/to be decided)



Our product portfolio already contain assets with different levels of recycled content

4. OTHER PPWR REQUIREMENTS



Definition of Reuse

The number of rotations which define a packaging type as reusable



Recycled Content

How % recycled content of a packaging asset is calculated



Labelling

Labels to communicate proof of reuse and recycled content (for EPR and other laws)



Minimize Packaging

Minimize weight and volume, design for recycling



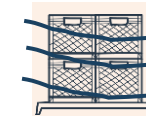
PFAS and Metals

Free of hazardous materials especially the forever chemicals per- and polyfluoroalkyl substances



Excessive Packaging

Cannot be > 50% empty except if reusable!



Wrapping

100% reusable by 2030

Secondary legislation in development

- Certain requirements of the PPWR require further definition through secondary legislation
- This will be completed by end of 2026

Review and analysis of the legislation is the pooler's responsibility

Establishing necessary data and documentation management systems is performed by the pooler

Registration fees are eliminated

Time to collate data for reporting is freed up

Fines for non-compliance are eliminated

Tests needed to prove compliance are performed by the pooler

Engagement with third-parties / suppliers to obtain their data is eliminated

Benefits of RPCs **On Total Cost of** **Packaging**

Regulatory compliance can be an expensive element of the TCOOP which is rarely considered.

Our 2030 Goals



Regulatory Compliance

- Enable customers **to readily comply with packaging regulations**, maintain high ethical standards in our operations, and require the same from critical suppliers

Learn more about Packaging Regulations



[Navigating the Future: A Guide to EU Packaging Related Regulations](#)



[Regulations Are Changing – Is Your Packaging Strategy Ready?](#)



[Webinar: PPWR & EPR Unpacked with Tosca](#)



[The Food Safety Modernization Act: What suppliers, manufacturers, and retailers need to know](#)



[Ensuring Compliance with New EU PPWR Packaging Regulations With Reusable Plastic Crates](#)



[Mastering FSMA 204 compliance: A strategic guide for food industry leaders](#)