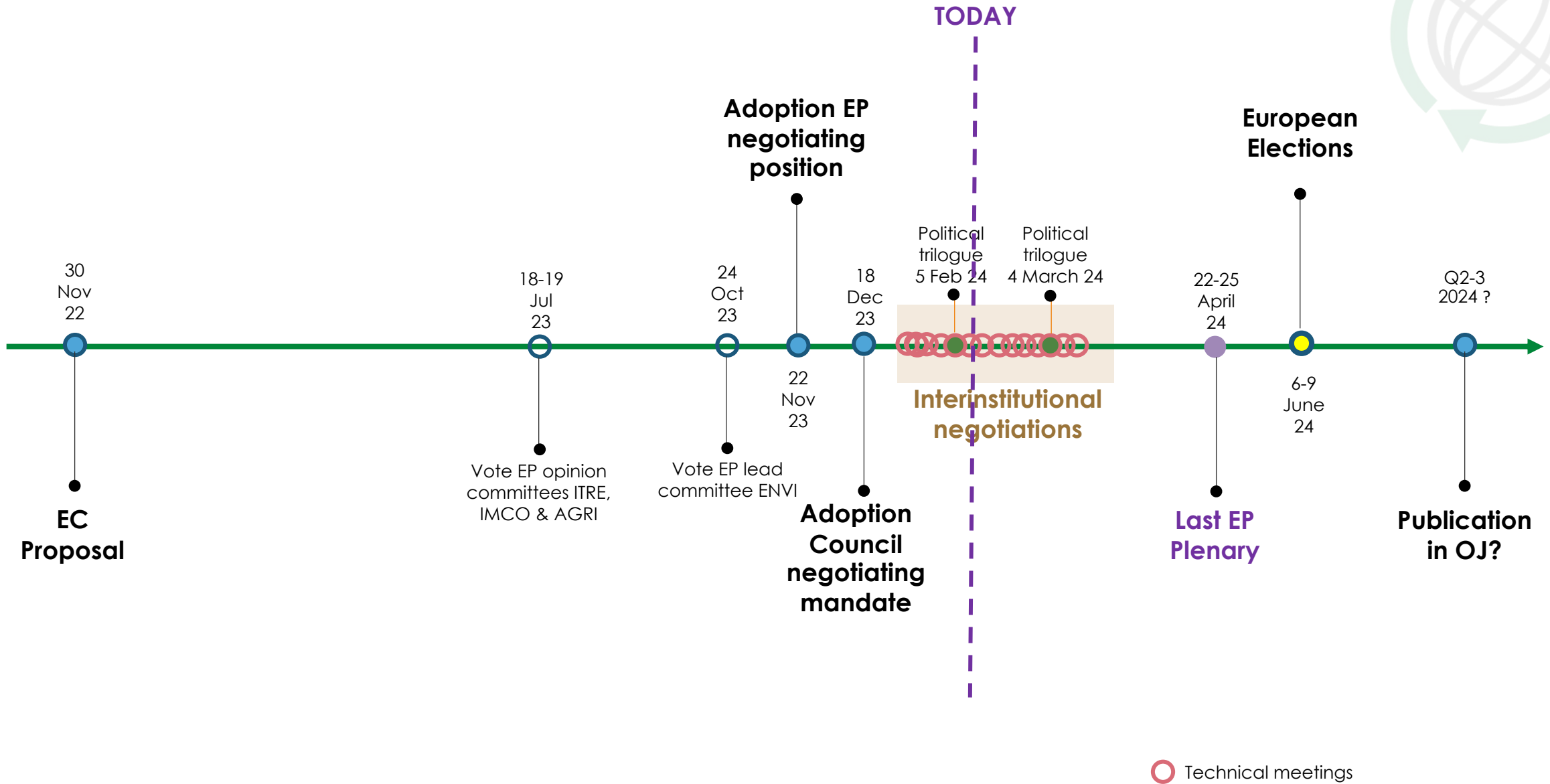


Packaging and Packaging Waste Regulation

Dr. M. Leonor Garcia

Timeline development Packaging and Packaging Waste Regulation



PPWR content



Sustainability requirements:

- Substances in packaging
- Recyclability
- Minimum recycled content
- Packaging minimisation
- Reusability

Labelling, marking and info requirements

Obligations of economic operators

Plastic carrier bags

Conformity of packaging

Management of packaging and packaging waste

- Waste prevention
- EPR, PRO, DRS, ...

Safeguard procedures

Green public procurement

Delegated powers and committee procedure, amendments, final provisions.



**“IT’S THE LITTLE
DETAILS THAT ARE
VITAL. LITTLE
THINGS MAKE BIG
THINGS HAPPEN”**

~ JOHN WOODEN

Substances in packaging – simplified view



- Objective to minimise substances of concern (SoCs, as defined under ESPR*)
- REACH (restriction at source) and FCM legislation (protection of consumers of packaged food) to be used for restrictions based on chemical safety and food safety**.
- Further restrictions possible for substances which negatively affect sustainability of packaging (re-use, recycling) in DfR criteria.

** without prejudice of restrictions on BPA and PFAS in food contact packaging

- EC*** to prepare report by 31 Dec 2026 on presence of SoCs in packaging and on negative impact of SoCs on re-use and recycling
 - Restrictions under REACH
 - Restrictions under DfR criteria
- Packaging containing SoCs should be marked using a standardised digital marking technology (in implementing acts). At least the name and concentration of the SoC needs to be included.

* Ecodesign and Sustainable Products Regulation

*** MS may request EC to restrict other SoCs under DfR criteria

Recyclability – simplified view



- All packaging must be recyclable.
- Criteria to be established in delegated acts.
- Introduction of recyclability performance grades.
- EPR fees to be based on the performance grades.

- DfR criteria and criteria for recyclability at scale in delegated acts (no timing)
- Recycling performance grades A-E. By 1 Jan 2030, non-compliance if grade E.
- Some derogations

- Definition of 'recyclability' and 'high quality recycling' added.
- DfR criteria (by 1 Jan 2027) and criteria for recyclability at scale (max 60 months later) in delegated acts. Prepared in consultation with Packaging Forum expert Group.
- Recycling performance grades A-E. Non-compliance if grade D or E, 96 months after delegated act.
- More derogations

- Definition of 'recyclability', 'material recycling' and 'high quality recycling' added.
- DfR criteria (by 1 Jan 2028) and criteria for recyclability at scale in implementing acts (by 1 Jan 2030)
- Recycling performance grades A-C. To be compliant with min grade C by latest 1 Jan 2030 or 2 years after implementing act.
- More derogations, different from EP.

Labelling – simplified view



Label containing information on the material composition of packaging*.

Harmonised label for harmonised DRS**.

Label for reusable packaging + QR code*** or other digital carrier for further info.

Voluntary label for recycled content.

- Additional labelling requirements possible in MS for EPR scheme and non-harmonised DRS system

** labels of DRS established before entry into force of regulation allowed until 36 months after implementing act






- Additional labelling requirements possible in MS for EPR scheme and non-harmonised DRS system

* Packaging part of DRS exempted
** Only if DRS is established after entry into force of regulation
*** Exemption for open loop without system operator





- Additional labelling requirements possible in MS for identifying a non-harmonised DRS. National labels for EPR in MS only by means of QR code or other digital marking technology.
- By 2030, name and concentration of SoCs present in packaging to be included

Reuse – simplified view





Reuse & Refill	2030	2040
Take-away:		
Beverages 	20%	80%
Food 	10%	40%
Beverages:		
Alcoholic 	10%	25%
Wine, excluding sparkling wine 	5%	15%
Non-alcoholic 	10%	25%



Reuse	2030**	2040**
Take-away*:		
Beverages 		
Food 		
Beverages:		
Alcoholic, excluding wine & sparkling wine 	min 10%	aim 25%
Non-alcoholic, excluding milk 	min 20%	aim 35%



	2030***	2040***
Take-away:		
Beverages 	min* 20%	min* 80%
Food 	min* 10%	min* 40%
Beverages:		
All, excluding** wine, sparkling wine, liqueur wine and perishable beverages like milk	min** 10%	min** 40%

* Obligation for availability of refill system

** Several exemptions possible, f.e. when separate collection or rate of recycling is above a certain target in a certain year or if reuse is not the option that delivers the best overall environmental outcome on the basis of an LCA, due to particular economic constraints




* MS can go beyond for packaging within scope of the SUP directive


** MS can go beyond if higher targets are needed to achieve packaging waste reduction targets of Art 38

*** Exemptions possible due to particular economic constraints




Recycled Content – simplified view




	2030	2040
SUP 	30%	65%
Contact Sensitive:		50%
 PET	30%	
 Other	10%*	
Other	35%*	65%




 Per unit of packaging





	2030*	2040*
SUP 	30%	65%
Contact Sensitive:		50%
 PET	30%	50%
<small>Excl SU beverage bottles</small>		
 Other	7.5%	25%
Other	35%	65%

 As average, per packaging format, manuf. plant and year



	2030**	2040**
SUP 	30%	65%
Contact Sensitive:		50%
 PET	30%	50%
<small>Excl SU beverage bottles</small>		
 Other	10%*	25%
Other	35%*	65%

 Per packaging type and format, manuf. plant and year

 ESO standard to certify recycled content is produced from PC material



* Derogations possible based on assessment by EC by 1 Jan 2028

* Derogations possible based on assessment by EC by 1 Jan 2032
 + Exemption for any plastic part representing less than 5% of the total weight of the whole packaging unit
 + based on study, possibility to meet up to a max of 50% of the targets by using bio-based plastic feedstock

* Derogations possible based on assessment by EC by 1 Jan 2028
 ** EC report by 1 Jan 2034 to assess feasibility of 2040 targets and potential legislative proposal to amend targets

Restrictions on packaging formats – simplified view



1. SU plastic grouped packaging at retail level for cans, tins, pots, tubs excl distribution
2. SU packaging* for <1.5 kg fruit or vegetables

3. SU packaging for foods and beverages consumed in HORECA

4. SU for individual portions for servings used in HORECA
5. SU hotel miniature packaging < 50 ml


* With derogations



1. SU plastic grouped packaging at point of sale for bottles, cans, tins, pots, tubs excl B2B distribution*
5. SU hotel miniature plastic packaging*

* Potential exemption if 85% rate of separate collection for recycling



1. SU plastic* grouped packaging at point of sale for bottles, cans, tins, pots, tubs excl B2B distribution
2. SU plastic* packaging** for <1.5 kg fruit or vegetables

3. SU packaging for foods and beverages consumed in HORECA***. Flexible non-plastic* packets and wrappers exempted.
4. SU for individual portions for servings used in HORECA
5. SU hotel packaging for individual booking

* MS may maintain restrictions on these packaging formats but made from other materials, if adopted before 1 Jan 2024

** With potential derogations at MS level

*** Derogation if no access to drinking water

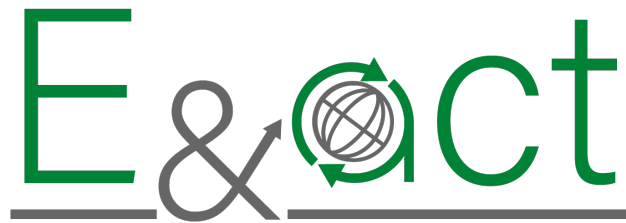


**“Always remember that
your present situation is
not your final destination.
The best is yet to come.”**

– Zig Ziglar



Thank you



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