

# **HIGHLIGHTS IN CIRCULAR ECONOMY STANDARDIZATION**

## **CEN-CLC SABE CE-TG WORKSHOP 3 - 2 MAY 2023 - VIRTUAL**

CEN TC 261/SC 4

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# ABOUT CEN/TC 261/SC 4

- CEN/TC 261/SC 4 Packaging and Environment
- CEN/TC 261 is responsible for the elaboration of standards dealing with terminology, dimensions, capacities, marking, test methods, performance requirements and environmental aspects in the field of packaging and unit loads.  
The field covers primary, secondary and transport packaging and unit loads, whatever the materials, shapes, contents or distribution system used
- CEN/TC 261 / SC4 is responsible for the elaboration of standards dealing specifically with environment like: material recovery, energy recovery, other types of recovery, degradability, symbology, terminology, determination of environmental impacts criteria.
- Circular economy and material efficiency are extremely relevant to our TC 261 / SC 4

# ABOUT CEN/TC 261/SC 4

- CEN/TC 261/SC 4 Packaging and Environment is intimately related to Circular economy and organized around
  - WG 2 deals with Degradability and Organic Recovery of packaging and packaging materials
  - WG 3 deals with Material Recovery
  - WG 4 deals with Energy Recovery
  - WG 6 deals Prevention (Reduction)
  - WG 7 deals with Reuse
  - WG 8 deals with Heavy metal and other dangerous substances
  - WG 10 (newly created) deals with Design for recycling for plastic packaging products

# CEN TC 261 SC 4 – PACKAGING AND ENVIRONMENT

- Link to EU policies and regulations
  - Many standards are linked to 94/62/CE – Packaging and Packaging Waste Directive
  - 2018 January, European Strategy for Plastics in a circular economy and launch of CPA Initiative
  - 2020 March, New CEAP adopted by EC
    - One of the building blocks of the European Green Deal
    - A pre-requisite to achieve the 2050 climate neutrality target and to halt biodiversity loss
  - 2022 August, M/584
  - 2022 November, Revision of EU rules on Packaging and Packaging Waste and Communication on a policy framework for biobased, biodegradable and compostable plastics
  - 2023 March, Proposal for a Directive on green claims
- European standards, necessary to ensuring high levels of interoperability and environmental protection

# CEN TC 261 SC 4 – PACKAGING AND ENVIRONMENT

- Commission Implementing Decision M/584 of 1.8.2022 on a standardization request to CEN/CENELEC as regards plastics recycling and recycled plastics in support of the European Strategy for Plastics in a Circular Economy
  - WG10 was created to answer to M/584
- Needs links and cooperation
  - within different WG within TC 261/SC4 but also
  - outside TC261 with TC249 and potential other CEN/CENELEC committees and
  - ISO/TC 122/SC 4 and other ISO/TC (Chain of Custody, Mass Balance)

# CEN TC 261 SC 4 – PACKAGING AND ENVIRONMENT

## ■ TC 261 / SC 4 / WG10 15 NWIP

EN XXXX - Packaging - Process and criteria to evaluate the recyclability of plastic packaging
EN XXXX - Packaging - Definitions and principles for design-for-recycling of plastic packaging
EN XXXX - Packaging - Protocol to assess plastic packaging sorting

EN XXXX - Packaging - PET bottle design for recycling criteria
EN XXXX - Packaging - PET pot and tray design for recycling criteria
EN XXXX - Packaging - PE and PP rigid packaging design for recycling criteria
EN XXXX - Packaging - PE and PP flexible packaging design for recycling criteria
EN XXXX - Packaging - PS rigid packaging design for recycling criteria
EN XXXX - Packaging - EPS rigid packaging design for recycling criteria

EN XXXX - Packaging - Protocol to assess PET bottle recycling
EN XXXX - Packaging - Protocol to assess PET pot and tray recycling
EN XXXX - Packaging - Protocol to assess PE and PP rigid packaging recycling
EN XXXX - Packaging - Protocol to assess PE and PP flexible packaging recycling
EN XXXX - Packaging - Protocol to assess PS rigid packaging recycling
EN XXXX - Packaging - Protocol to assess EPS rigid packaging recycling

# SABE TOPIC GROUP CIRCULAR ECONOMY (CE-TG)



Thanks for your  
participation!