

## **Info-meeting mirror committee “Circular economy and sustainability for textile and plastics”**

**What:** Info-meeting for a new mirror committee following European and international standardization activities concerning circular economy, sustainability and related topics.

**When:** 14 January 2021, 14:00 – 16:00 (virtual)

**For whom:** All interested stakeholders

**Contact:** Edwin Maes (em@centexbel.be), Karin Eufinger (ke@centexbel.be)

### **Background:**

In 2020 Europe presented its ambitious Green Deal, which explicitly mentions textile, plastics and packaging. The Green deal is expected to result in several European and national legislative proposals, several of which are already under discussion, such as an extended product responsibility, eco-labelling, a tax-shift, provisions for recycled content in products and 100% sustainable purchases.

To support the new and anticipated legislation several initiatives for standards development have been started or are being initiated. These standards will have an implication for the textile, plastics- and packaging industry.

Below list provides an overview over the CEN and ISO technical (sub-)committees and working groups which are working on standards concerning the related topics, such as circularity, recycling, circular business operations, sustainability declarations, etc.

#### ISO/TC 323 – “Circular economy”

ISO/TC 323/WG 1 – “Framework, principles, terminology, and management system standard”

ISO/WD 59004 “Circular economy — Framework and principles for implementation”

ISO/TC 323/WG 2 – “Guidance for implementation and sectoral applications”

ISO/WD 59010 “Circular economy — Guidelines on business models and value chains”

ISO/TC 323/WG 3 – “Measuring circularity”

ISO/WD 59020 – “Circular economy — Measuring circularity framework”

ISO/TC 323/WG 4 – “Specific issues of circular economy ”

ISO/CD TR 59031 – “Circular economy – Performance-based approach – Analysis of cases studies”

#### CEN/ TC 248 – “Textile and textile products”

This TC is currently preparing a working group for circular textiles.

#### CEN/ TC 249 – “Plastics”

CEN/TC 249/WG 11 – “Plastics recycling”

This WG develops standards concerning e.g. traceability of recyclates and related test methods.

CEN/TC 249/WG 24 – “Environmental Aspects”

This WG is concerned with the environmental aspects specifically related to plastics.

### CEN/ TC 261 – “Packaging”

CEN/TC 261/SC 4 – “Packaging and Environment”

This SC develops standards concerning environmental aspects of packaging, including material-, energy – and other types of recovery, degradability, symbology, terminology and determination of environmental impacts criteria.

### CEN/TC 134 - “Resilient, textile and laminate floor coverings

CEN/ TC134/ WG8 – “Textile floor coverings”

PWI 00134286 – “Definition and Declaration of Recyclability and Recycling Potential of textile floor coverings”

PWI 00134287 – “Definition and declaration of recycled content (organic and inorganic) in textile floor coverings”

This WG develops standards specifically for textile floor coverings.

CEN/ TC134/ WG10 – “Harmonization”

In this WG there are currently 3 proposals for standards, covering the topics (1) “Terms & Definitions”, (2) “Identification of the product” and (3) “Desing for recycling”. WG 10 develops general standards for all floor covering products covered by CEN TC134.

### CEN/ TC466 “Sustainable fisheries, aquaculture and fishing gear”

This TC was recently established, and the aspect ‘fishing’ gear will focus on circularity and sustainability of nets and ropes, among other.

Another related topic is the presence of microplastics in the environment. Concerning this topic there are several standards in development concerning definitions and release of microplastics:

### CEN/ TC 248 – “Textile and textile products”

CEN/ TC 248/ WG 37 “Microplastics from textile sources”

This WG currently develops two standards, in cooperation with ISO TC 38 WG 34 (see below):

“Textiles and textile products — Microplastics from textile sources

Part 1: Determination of fibre loss from fabrics during washing”

Part 2: Qualitative and quantitative evaluation of microplastics”

### ISO/TC 38 “Textiles”

ISO/ TC 38/ WG 34 “Microplastics from textile sources” develops, next to the standards mentioned above, also an additional test methode:

ISO/AWI 5228 – “Textiles- Measurement of emission mass of fibre debris from textile products for microplastics detection — Domestic washing method”

### ISO/ TC 147 “Water quality”

ISO/ TC 147/ SC2 “Physical, chemical and biochemical methods”

ISO/NP 24606-1 – “Water quality - Analysis of microplastics in drinking water and groundwater - Part 1: Method using vibrational spectroscopy”

IN 2020 the CEN-CENELEC Strategic Advisory Body on Environment (SABE) established a task group for Circular Economy to (1) prepare an overview over the CEN and CENELEC activities towards developing standards for the circular economy, (2) to make this overview available to all CEN and CENELEC technical committees and (3) to share this overview with external partners, such as the European Commission, member states and other stakeholders, in order to involve them better in the standards development process. Also here textile, plastics and packaging are among the main topics.

## **Centexbel mirror committee “Circular economy and sustainability for textile and plastics”**

Given the background presented above, Centexbel launches a call for the mirror committee “Circular economy and sustainability for textile and plastics” in the framework of the ECY-TWIN Interreg-project. This MC has the goal to (1) inform our partners from industry and (2) give them the opportunity to provide their feedback on the above-mentioned activities within these CEN and ISO working groups without the need to register to all of them.

### **Info-meeting**

On 14 January 2021, from 14:00 to 16:00, a first meeting will be held to providing more information on this new working group. During this meeting also a decision will be taken which working groups shall be followed up actively.

### **Registration and further information**

For further information and to register for the info-meeting please send an e-mail to Edwin Maes ([em@centexbel.be](mailto:em@centexbel.be)) and Karin Eufinger ([ke@centexbel.be](mailto:ke@centexbel.be)). Upon registration you will receive an invitation for the virtual platform (MS TEAMS) so that you can follow the meeting covid-19-proof. If you are not able to participate but would like to become a member of the mirror committee, please also let us know.

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