

Circularity Indicators in the Environmental Product Declaration (EPD)

Dear Construction Products Manufacturers,

In June 2024, the "Circular Economy (CE) Task Group" of ECO Platform presented its proposal for integrating information on the circularity potential of construction products into Environmental Product Declarations (EPD) to the public. The proposal by the CE Task Group includes a total of 17 aspects that will enable manufacturers of construction materials to declare the circularity potential of their products within the EPD framework (see Annex 1 to this letter). The proposal is the result of a multi-stakeholder process involving representatives from the construction materials industry, EPD programme operators, sustainable building certification systems, academic institutions, and representatives from the European Commission.

With this letter, we invite your company to participate in a pilot study for the declaration of product circularity in the EPD. By participating, you will help to verify the practical applicability of the concept using real products and to validate it with Circularity and EPD experts. You will receive practical guidance on how to determine each of the 17 circularity aspects for your products, accompany the process of developing verification rules, and thus have the opportunity to be among the first companies to determine circularity information for your products using a validated method.

The pilot phase is scheduled to begin in December 2024 and will be supported by representatives of EPD programme operators, sustainable building certification systems, policymakers, academics, and consultants. An overview of the scope and timeline of the pilot phase can be found in Annex 2.

To participate in the pilot phase, please complete the form in Annex 3 and send it to office@ecoplatform.org. We would be delighted to have you participate in the pilot phase.

A handwritten signature in black ink, appearing to be "CD", written in a cursive style.

Christian Donath
Managing Director ECO Platform

A handwritten signature in black ink, appearing to be "MB", written in a cursive style.

Martin Blumberg
Convenor CE Task Group

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ANNEX 1

Circularity Indicators in the Environmental Product Declaration (EPD)

Circularity information	Unit or reference in EN 15804	Change from EN 15804?
A1-A3		
Material origin	description or source where description can be found	Addition in new circularity section
Secondary materials	see 7.2.4.2 Table 6	no
Primary materials	kg	Addition in new circularity section
Renewable material	kg	Addition in new circularity section
Hazardous substances	see 7.1 k)	no
Extended producer responsibility	description or source where description can be found	Addition in new circularity section
B1-B7		
Design for disassembly	description or source where description can be found	Addition in new circularity section
Reference service life	see 7.3.3.2	no
Maintenance, repair, inspection and refurbishment processes	see 7.3.3.1 Table 12	no
Maintenance, repair, replacement and refurbishment cycles	see 7.3.3.1 Table 12	no
C1-C4, D		
Waste collected separately	see 7.3.4 Table 15	no
Waste collected with mixed construction waste	see 7.3.4 Table 15	no
Reuse	see 7.3.4 Table 15	no
Recycling	see 7.3.4 Table 15	no
Composting	kg	Addition in new circularity section
Energy Recovery	see 7.3.4 Table 15	no
Disposal	see 7.3.4 Table 15	no

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ANNEX 2

Pilot Phase Overview

Objectives	<ul style="list-style-type: none"> • Review and ensure the applicability of the system for declaring the circularity potential of construction materials across all relevant product categories. • Develop a specific declaration format as an additional information module in the EPD. • Review and ensure relevance regarding the assessment of the circularity potential of construction projects (buildings, infrastructure). • Review and ensure the alignment of circularity aspects in the EPD with regulatory requirements and developments.
Planned Start	December 2024
Planned End	December 2025
Leadership	CE Task Group ECO Platform
Stakeholders and Roles	
Building Material Manufacturers	<ul style="list-style-type: none"> • Test the process for declaring product circularity in the EPD by using real products. • Identify challenges/clarifications needed throughout the declaration process and assist in developing solutions.
EPD Programme Operators/ Technical Working Group (TEWOG) of ECO Platform	<ul style="list-style-type: none"> • Develop a generally accepted declaration format for the circularity potential of construction materials in the EPD. • Develop verification rules for the product circularity declaration in the EPD.
Certification Systems for Sustainable Building	Ensure that the declared circularity indicators enable the assessment of the circularity potential of buildings.
Legislation / EU Commission Representatives	Ensure that the declared circularity indicators comply with regulatory requirements and developments (including DoPc; Taxonomy, Level(s)).
EPD and Circularity Experts/Consultants	<ul style="list-style-type: none"> • Support construction product manufacturers/pilot products through the declaration process (assistance with data

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	<p>collection, conducting, and documenting circularity assessments).</p> <ul style="list-style-type: none"> • Assist in developing practical guidelines/manuals for a time-efficient and compliant declaration process.
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Product Scope

1	Precast concrete products	13	Floorings	25	Gypsum
2	Structural metallic products	14	ETICs	26	Anchors and fasteners
3	Reinforcing prestressing steel	15	Curtain walling	27	Membranes
4	Doors, windows and shutters	16	Wood based panels	28	Glass
5	Cement	17	Structural bearings	29	Geotextiles
6	Thermal insulating products	18	Kits and assemblies	30	Sanitary appliances
7	Structural timber products	19	Wall and ceiling finishes	31	Pipes and tanks
8	Concrete, mortar and grout	20	Space heating appliances	32	Cables
9	Masonry	21	Roof coverings	33	Chimneys
10	Aggregates	22	Circulation fixtures	34	Sealants
11	Fixed firefighting equipment	23	Waste water disposal		
12	Road construction products	24	Adhesives		



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ANNEX 3

Registration for the Pilot Phase of Circularity Indicators in the Environmental Product Declaration (EPD)

The participation fee for the pilot phase of circularity indicators in the EPD is €8,500 net (plus 21% VAT in Belgium) per specific product.

We hereby accept the offer to participate in the pilot phase and confirm our binding participation at the offered flat rate of €8,500 net per pilot product.

Client - Company

Company Address

VAT ID Number

Number of Pilot Products

Additional Information

Name

Position / Company Stamp

Date

Signature

Address

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