

The International EPD System

EPDs as a strategic asset supporting decarbonisation strategies



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AGENDA

- Introduction of International EPD System
- What is an EPD?
- Why do we need EPD (and DoPC in EU)?
- EPD and CPR2024/3110, AVS3+

EPD-IES-0002006:001 (S-P-02006)

Fish and fish products (Salmonids)

AquaChile is a Chilean salmon producer, who has been feeding millions of people around the world with rich and healthy protein from the Chilean Patagonia for more than 20 years. We produce high quality products using responsible production processes that are in harmony with the environment, we engage with neighboring communities and focus on innovation. Our company is characterized by its entrepreneurial spirit, simplicity and austerity as we always put soul and passion into our work. We are a significant player in the global salmon industry, with productive sites in the south of Chile from the

[Read more](#)

[Download EPD](#) [Link to EPD](#) [Traceability logotype](#)



General information

Registration number	EPD-IES-0002006:001 (S-P-02006)
Status	Valid
Version date	2021-09-02
Validity date	2026-09-02
PCR	2021:05 Fish and fish products (expired)
Standards conformance	
Licensee	EPD Chile
Geographical scope	Global

EPD Owner

Products included in this EPD

EPD-IES-0005625:001 (S-P-05625)

VOLCAN YESOS

Volcán gypsum is a semi hydrated calcium sulphate to be used in construction. They can be used in all type of buildings, and applications include whitewash and plastering of interior walls and slabs with low load; repairment of walls, surfaces, pillars and others; fabrication of ledges; and finishing of masonry and edges. Surface with Volcán construction gypsum do not require additional products for terminations.

[Download EPD](#) [Link to EPD](#) [Traceability logotype](#)



General information

Registration number	EPD-IES-0005625:001 (S-P-05625)
Status	Valid
Version date	2022-03-31
Validity date	2027-03-30
PCR	2019:14 Construction products (EN 15804+A2) (version 1.3.4)
Standards conformance	
Licensee	EPD Chile
Geographical scope	Chile

EPD Owner

Products included in this EPD

The International EPD System (IES)

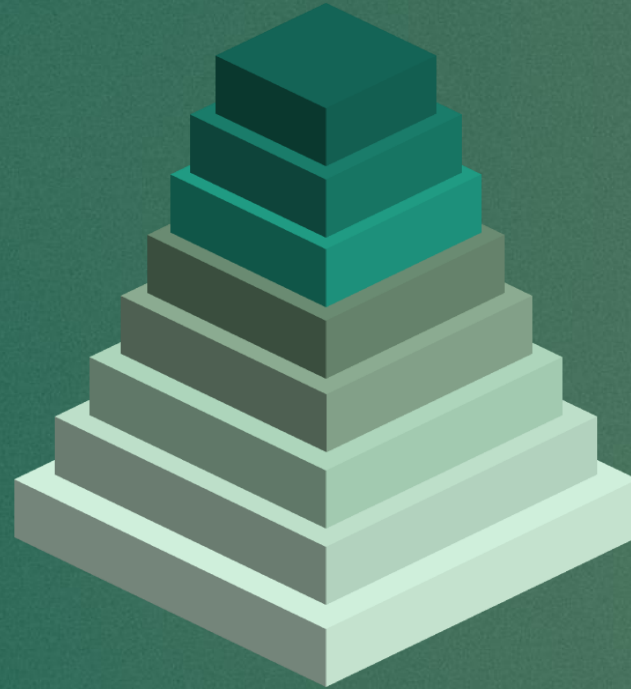
EPD International AB operates the world's first and longest-established global EPD Programme, founded in 1997 by SEPA.

We provide a globally recognised system for developing Environmental Product Declarations (EPDs), supported by a robust digital platform for registration, publication, and data access.

- 100% owned by IVL Swedish Environmental Research Institute with non-profit status
- More than 35 staff and a truly global presence through 13 international licensees active on almost all continents, **incl. Chile.**
- Our international licence network enables local implementation with global consistency
- ISO 9001 certified programme
- Preparing for ISO 17029 accreditation and CPR 2024 / AVS3+ notification with SWEDAC



What is an EPD?



01 COMPLEMENTARY (C)-PCRS

Additional requirements for a specific product group within a product category

02 PRODUCT CATEGORY RULES (PCRS)

Specific requirements for one or more product categories

03 PRODUCT SPECIFIC STANDARDS

EN 15804, ISO 29130, etc.

04 GENERAL PROGRAMME INSTRUCTIONS

Regulation on overall administration and operation

05 ECO-PLATFORM

Regulation on administration, calculation and verification

06 EPD STANDARDS

ISO 14025, ISO/TS 14027 and ISO 14029

07 LCA STANDARDS

ISO 14040, ISO 14044, ISO 14067 and ISO/TS 14071

08 ORGANISATIONAL STANDARDS

ISO 9001, ISO 17029 and ISO 17065

What is an EPD?

Type III Environmental Declaration:

- provides standardized, third-party verified life cycle assessment (LCA) data for products in various industries
 - substantiate environmental claims on product level
- provides transparent, objective, and comparable data incl. metrics such as Global Warming Potential (GWP) expressed in CO₂-equivalent emissions
- critical to systematic actions to reduce greenhouse gas (GHG) emissions as required in NetZero when reducing absolute emissions at the source, e.g. through energy efficiency, cleaner energy adoption, and low-carbon technologies
- Blueprint for future regulation such as CPR2024/3110, a.o.

The screenshot displays the EPD International EPD System website. The header includes the EPD logo and navigation links: Services, Library, Pricing, Cooperation, Resources, News, Support, Search, and EPD Portal. A 'Filters' sidebar on the left allows users to refine results by EPD Type, Organisation Name, Organisation Country, Geographical Scope (set to 'chile'), Product Category, and PCR. The main content area lists six products, each with a thumbnail image, title, EPD number, and category tags. The products are:

- Zinc-aluminum Alloy-Coated Steel Panels** (EPD-IES-0024090:005) - Construction products, CINTAC S.A.I.C., Chile, Standard EPD
- Steel Panels with Expanded Polystyrene Insulation** (EPD-IES-0024092:005) - Construction products, CINTAC S.A.I.C., Chile, Standard EPD
- Cold-formed galvanized structural steel profiles** (EPD-IES-0024054:006) - Construction products, CINTAC S.A.I.C., Chile, Standard EPD
- Steel Panels with Polyisocyanurate (PIR) Insulation** (EPD-IES-0024093:005) - Construction products, CINTAC S.A.I.C., Chile, Standard EPD
- DrenPro® pipes** (EPD-IES-0025537:005) - Construction products, TUBOS TIGRE-ADS DO BRASIL LTDA, Global, Standard EPD
- CMPC Uncoated Cups** (EPD-IES-0015967:006) - Paper and plastic products, CMPC, Global, Standard EPD

Why do we need EPD (and DoPC in EU)?

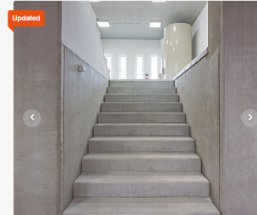
EPD-IES-0026659-002

Custom-made precast concrete products (staircase, solid wall, ditch lining element and cover slab, other specialized elements)

Custom-made precast concrete elements like staircase, solid wall, ditch lining element and cover slab, other specialized elements are factory-produced structural components that meet specific dimensional and quality requirements, and ensuring fast and durable installation. Physical properties of the product: These products are made from high-density, durable concrete, resistant to weather, fire, and long service life. Proper reinforcement and construction are required.

[Read more](#)

[Download EPD](#) [Link to EPD](#) [Traceability log](#)



EPD
INTERNATIONAL EPD SYSTEM

General information

Programme information

Product category rules

Verification

Ownership and limitation on use of EPD

Information about EPD Owner

Product information

Content declaration

LCA information

System boundary

Default scenario

Module C: End-of-life

Module D: Beyond product life cycle

Environmental performance

Mandatory environmental performance indicators according to EN 15804

Additional mandatory environmental performance indicators

General information

Registration number

Status

Version date

Validity date

PCR

c-PCR

Standards conformance

Licensee

Geographical scope

EPD Owner

Products included in this EPD

EPD-IES-0027211:003

Aggregates from Barkarby terminal - Järfälla

[Download EPD](#) [Link to EPD](#) [Traceability logotype](#)

General information

EPD Owner	NCC Industry AB
Registration number	EPD-IES-0027211:003
EPD type	EPD of multiple products based on worst-case results
Status	Valid
Version date	2026-01-07
Validity date	2030-12-14
Standards conformance	ISO 14025:2006, EN 15804:2012+A2:2019/AC:2021
Geographical scope	Sweden
An EPD may be updated or depublished if conditions change. This is the latest version of the EPD.	

Programme information

Programme	International EPD System
Address	EPD International AB Box 210 60 SE-100 31 Stockholm Sweden
Website	www.environdec.com
E-mail	support@environdec.com

EPD-IES-0021953-002

Ready-mix concrete - QLD - BNE - ECOPact -

Concrete is prepared by mixing cement, coarse and fine aggregates, and water, with or without auxiliary agents and additives. The fresh concrete is placed on the building site or prefabricated in factory moulds, compacted and hardened in the desired shape by the hydration of cement to concrete.

Upstream processes - The upstream processes include those involved in Module A1 - Raw materials extraction and processing. This module includes:

[Read more](#)

[Download EPD](#) [Link to EPD](#) [Traceability logotype](#)



General information

Registration number

Status

Version date

Validity date

PCR

c-PCR

Standards conformance

Licensee

Geographical scope

EPD Owner

Products included in this EPD

EPDs as foundation for Decarbonizing the Built Environment

- EPDs are critical for carbon zero strategies because embodied carbon - *emissions from material extraction, manufacturing, transport, and installation* - can account for 40–50% of a building's total life cycle emissions.
- EPD integrate with digital tools such as Building Information Modelling (BIM) and Environmental Impact Databases, supporting scenario analysis and optimization from Early Design to As Built stages.

EPDs operationalize decarbonization by converting product-level environmental data into actionable insights for reducing embodied emissions, a prerequisite for achieving net-zero carbon in the built environment

- EPDs support various stakeholders (manufacturer, asset owner, architect, procurement manager, legislator, a.s.o.) to take informed decisions on the development and use of key (sustainability) materials and products in the built environment.



Generic Data

Average Data

Specific Data

Early Design
Building LCA
to ensure building
performance meets
requirements

As Built
Building LCA
for documentation
and proof of building
performance

Facilitating global trade with EPDs

Enhancing Product Competitiveness

By demonstrating sustainability compliance, EPDs increase product credibility and competitiveness in international markets (eco-design).

Standardized, Harmonized Environmental Data

The EPD provides a global framework to present consistent environmental data, helping businesses meet international standards efficiently.

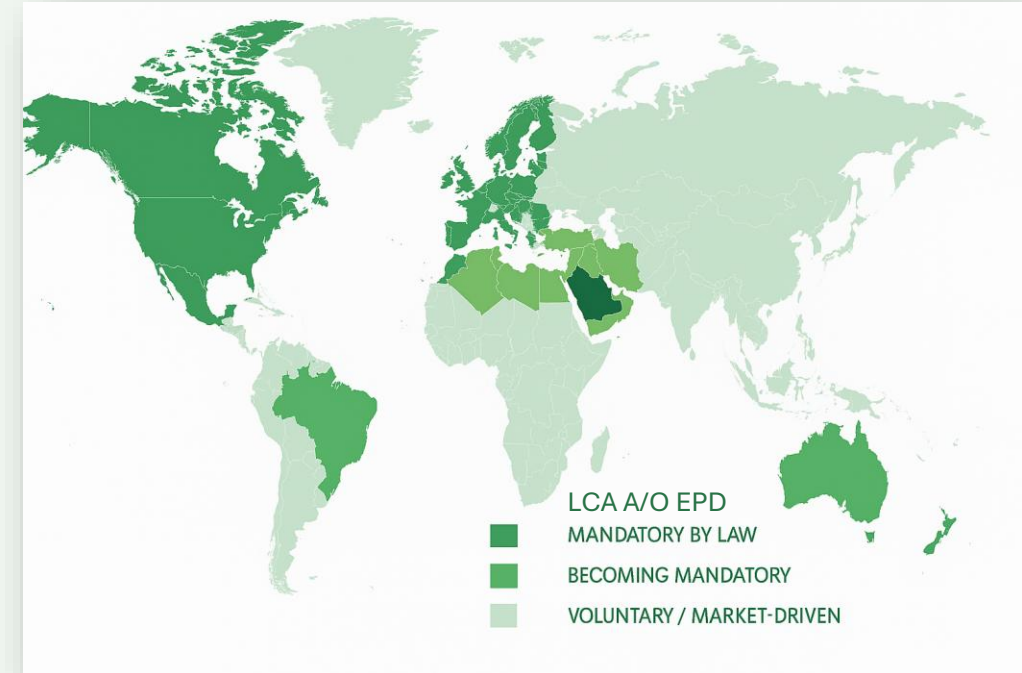
Simplified Cross-Border Trade

Transparent and verified EPDs facilitate easier compliance with regulations, reduce barriers in international trade and supports mutual recognition across borders.

Improved Market Access

Sustainable products with EPDs gain better access to global markets through verified environmental credentials

- EPDs help manufacturers gain market access, differentiate products, and comply with sustainability standards
- Green building certifications and procurement policies increasingly require EPDs.

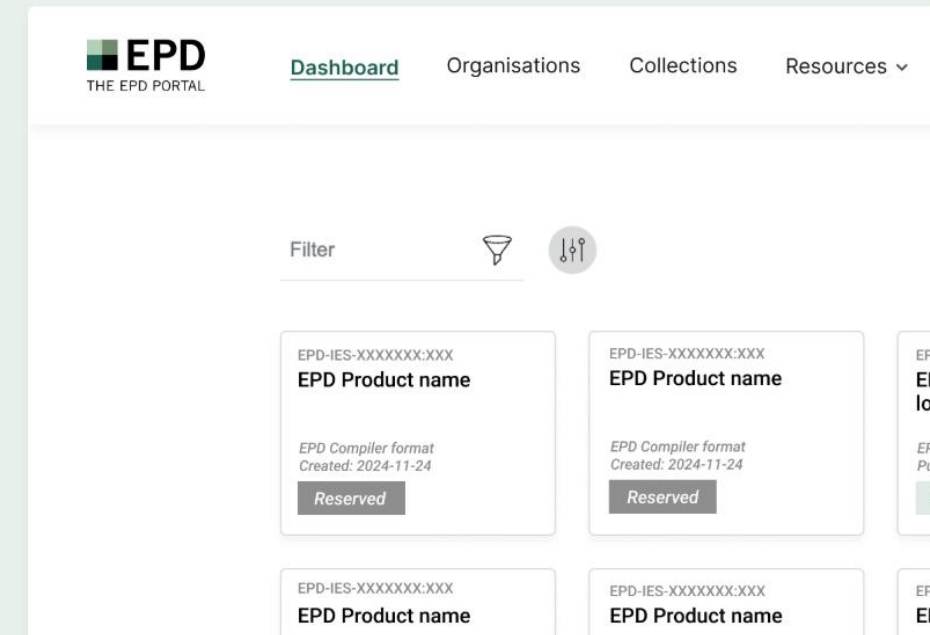


A Scalable, Open Digital EPD Ecosystem

At the International EPD System we offer:

- Open and agnostic digital ecosystem - a transparent and non-exclusive application process for LCA and EPD tool providers
- The EPD Portal – a robust user interface for EPD registration, supporting both PDF-based and fully digitised EPDs to meet diverse market needs
- Scalable platform with EPD Tool integration – the EPD Portal is designed to handle large volumes and future growth efficiently
- API-enabled data exchange – secure upstream and downstream APIs enabling automated data sharing across digital value chains
- Established ecosystem - active collaborations with 15+ software providers.

The EPD Portal guides you step-by-step through the EPD registration and development process.



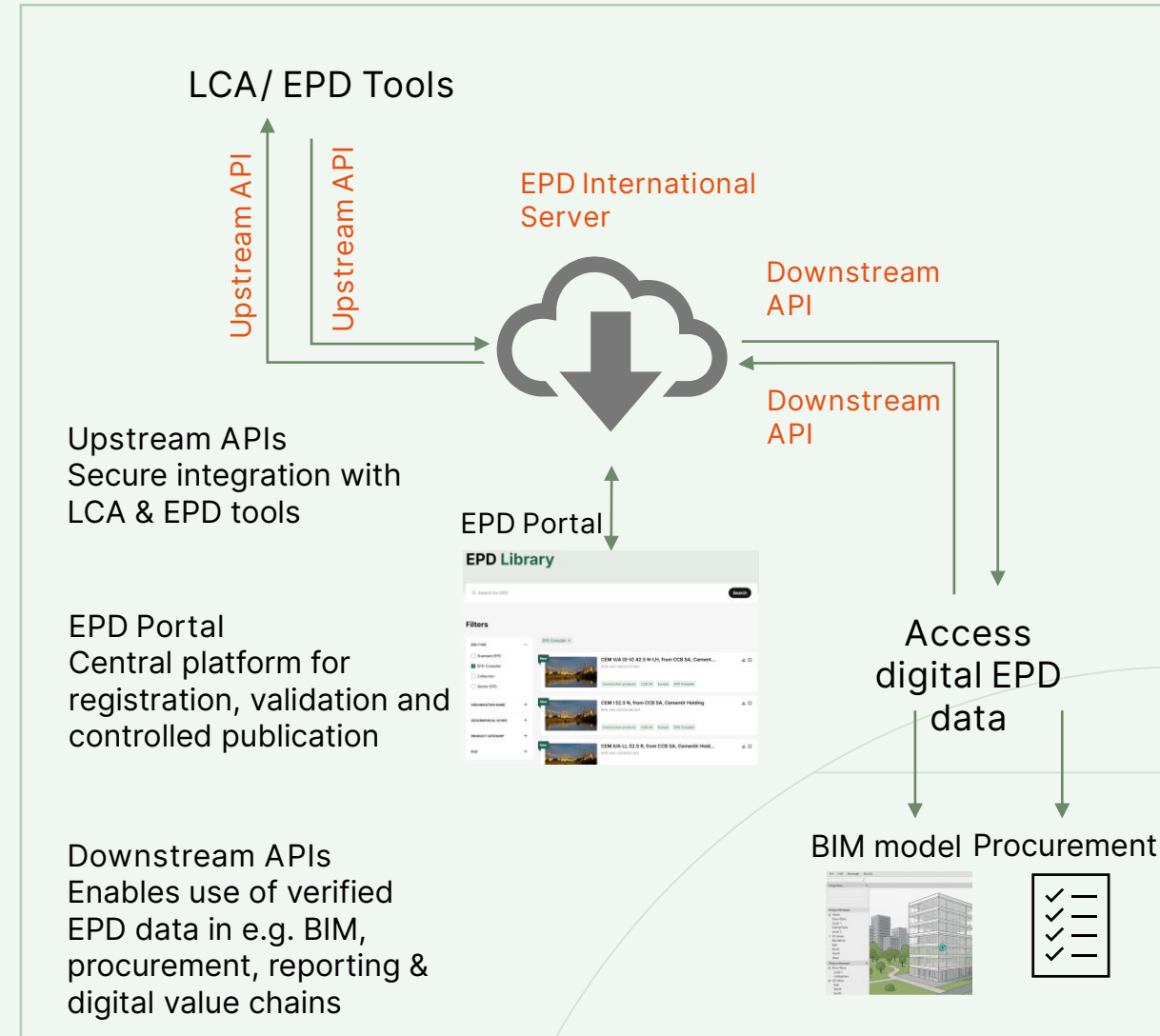
EPD Compiler – Enabling Fully Digital EPDs

A secure and scalable infrastructure for high-quality, machine-readable EPD data.

EPD Compiler enables fully digitised EPDs, supporting the transition from document-based declarations to structured, interoperable environmental data.

Why EPD Compiler matters:

- Digital by design
Structured, machine-readable EPD data prepared for automation and system-to-system exchange
- Quality and consistency
Reduces manual handling, improves data integrity and ensures methodological consistency
- Future-proof integration
Designed to scale with market growth and increasing regulatory and digital demands.



EPD and CPR2024/3110, AVS3+

CPR2024 establishes the legal framework for the free movement of construction products within the European Union through harmonizing the conditions for assessing and declaring the product performances and conformity, incl. the environmental performance.

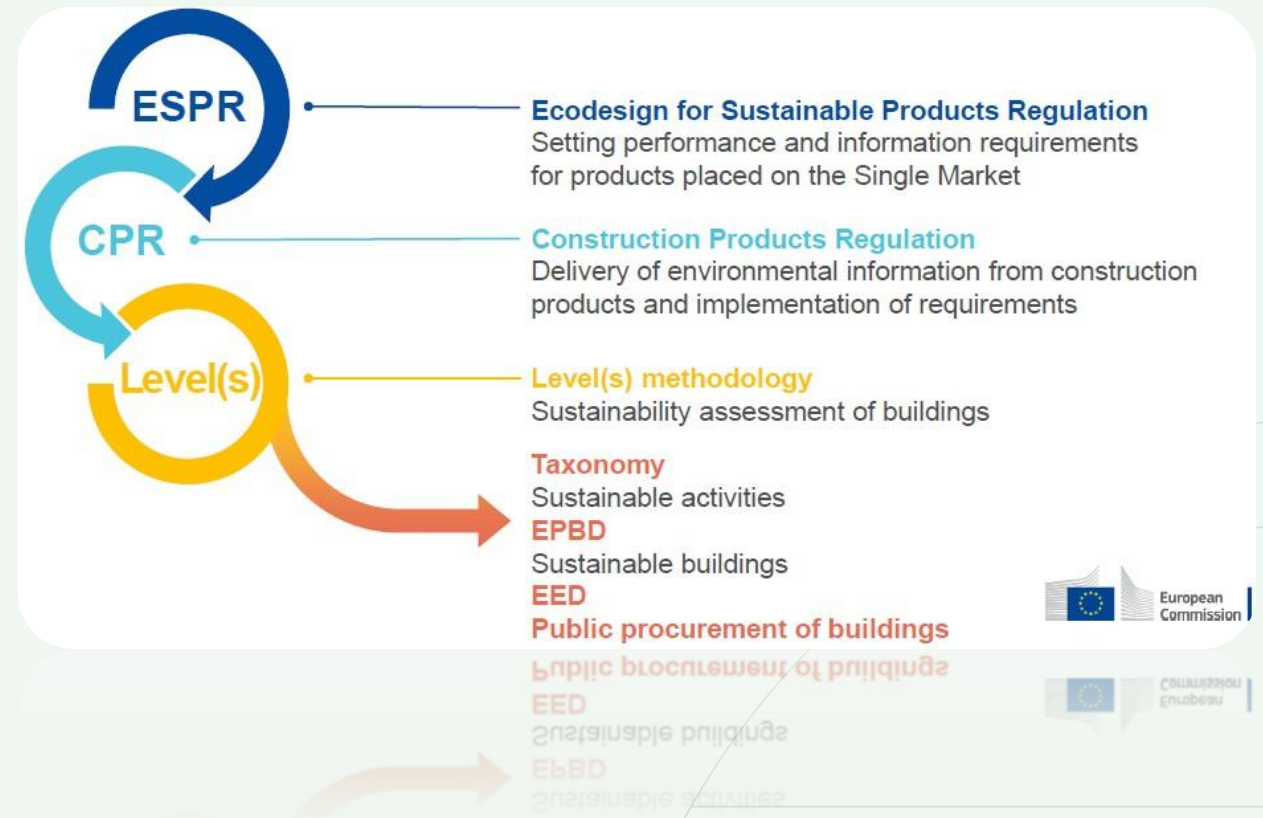
Affecting an est. 300 – 400k organisations expected to deliver x Millions of LCAs/ DoPCs in a Digital Product Passport (DPP)



EC REGULATORY FRAMEWORK

EU Regulation (harmonized zone)

- ESPR is a “Framework Legislation”
 - I.e., for later adoption of sustainability in many different EU Regulations
- CPR is “sector specific regulation” to provide new environmental data from Construction Products
 - In CPR2024, EPDs become DoPC (so-called harmonized zone)
 - DoPCs follow hEN standards with c-PCRs
- For EU and national regulation and for different regulations on other level (e.g., building level or finance)



EU Regulatory Framework

EU Regulation (non-harmonized zone)

- ESPR is a “Framework Legislation”
 - I.e., for later adoption of sustainability in many different EU Regulations
- CPR is “sector specific regulation” to provide new environmental data from Construction Products
 - Products not covered by hEN standards cannot have DoPCs and still require EPDs (so-called non-harmonized zone) when used on building level/ BIM/ LEED building scheme calculations, a.s.o
- Alignment between DoPC and EPD LCA method is KEY!



Product families CPR- Construction Product Regulation (status May 2026)

As of today, no product family is yet mandatorily subject to c-PCR-based environmental reporting.

Mandatory reporting only starts per product family *after* the revised hEN containing c-PCRs is cited in the OJEU, followed by a transition period defined in that citation.

Timings below are therefore authoritative when published, and indicative when still under development.

No “big-bang” CPR date for EPDs.

Mandatory environmental reporting under CPR 2024/3110 in digital format (DPP) will:

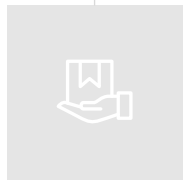
- Start product family by product family
- Begin ~2027 for cement & concrete
- Ramp up through 2030
- Reach full coverage only by ~2040

[illegible]

Source European Commission

Timeline Notified Body (NB) EPD International AB

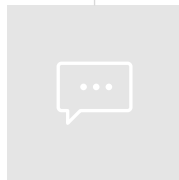
Q4
2025



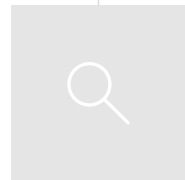
SWEDAC, Sweden's
NAB, initial
assessment on ISO
17029, but not
CPR2024/3110
AVS3+, yet



Q1
2026



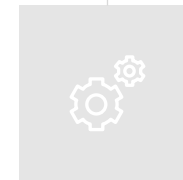
Q2
2026



SWEDAC
Accreditation for ISO17029
Notification for CPR2024/3110, AVS3+



Q3
2026



Q4
2026/Q1
2027



NB Accredited &
Notified in the
market

Pilots with existing (and potential future) clients on various product families

Key Takeaways and Strategic Outlook

1

EPDs as Strategic Asset

IES EPDs (and DoPC) support sustainability, transparency, and global trade beyond compliance requirements

2

Benefits for Stakeholders

IES EPDs (and DoPC) enhance market access & innovation for manufacturers, aid regulators in policy enforcement, and provide credible certification data.

3

Regional Growth and Adoption

EPD adoption is increasing driven by both government initiatives and market demand. EPD Intl. provides for both needs (EPD, DoPC, ...) in a global market

4

Collaboration for Sustainable Development

EPD Intl. supports building local capacity and aligns with standards to fully leverage EPDs for sustainability and competitiveness.

5

Notified Body (CPR2024, AVS3+)

Launching new validation service as notified body for AVS3+ because "EPD goes DoPC in EU" and into national legislation, in general

6

Partnerships

Intensify strategic relationships with European Commission (DG ENV), CEN (TC 350), national authorities, UNEP (SLCI), SIS (ISO), a.o. for collective action in harmonisation for rule setting

Thank you!

Tack så mycket för er uppmärksamhet.
Tusen takk for oppmerksomheten.
Mange tak for jeres opmærksomhed
Paljon kiitoksia huomiostanne.
Kærar þakkir fyrir athyglina.
Merci beaucoup pour votre attention.

Grazie mille per la vostra attenzione.
Muchas gracias por su atención.
Muito obrigado pela sua atenção.
Vielen Dank für Ihre Aufmerksamkeit.
Hartelijk dank voor uw aandacht.
非常感谢您的聆听。

관심 가져 주셔서 대단히 감사합니다.
ご清聴ありがとうございました。
Terima kasih banyak atas perhatian Anda.
ขอบคุณมากสำหรับความสนใจของคุณ
Terima kasih banyak atas perhatian anda.
Cảm ơn rất nhiều vì sự chú ý của bạn.

Maraming salamat sa iyong atensyon.
आपकी ध्यान देने के लिए बहुत धन्यवाद।
আপনার মনোযোগের জন্য অনেক ধন্যবাদ।
شكراً جزيلاً على اهتمامك.
İlginiz için çok teşekkür ederim.
תודה רבה על תשומת הלב

