CPR, DPP & Green Building

5/6/2026

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Organizational matters

Please submit your questions via the chat.

Microphones and cameras are disabled.

This workshop is being recorded.

We will address all questions during the session or, if necessary, by email afterwards.

Workshop materials will be shared after the session.

Morteza Nikravan

- Senior Sustainability Expert
- Team Lead – LCA/EPD (Construction)

  Berlin, Germany
- DGNB and EDGE Green Building

  Consultant
- EPD/Carbon footprint Verifier

This is **Kiwa**

Globally active, locally available

Founded 1948 in the Netherlands

Services in 35+ countries

Part of SHV Holdings

SHV Holdings is the largest Dutch 100% family-owned industrial conglomerate. SHV (€ 23bn sales in 2023) is Kiwa's strong and committed shareholder that supports the growth path of Kiwa while respecting our entrepreneurial culture and core values.

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MAMMOET
nutreco
makro
NPM
one dyas
SHV ENERGY

✅ Pre-Start Questions

What you will take away

- What is the CPR?
- A practical view of current CPR obligations vs. CPR (EU) 2024/3110 and what will change for manufacturers
- Digital Product Passport (DPP): Scope, typical modules, open questions, and a realistic preparation approach
- Where product evidence is used in green building certifications
- How Kiwa supports manufacturers along the journey
- Q&A

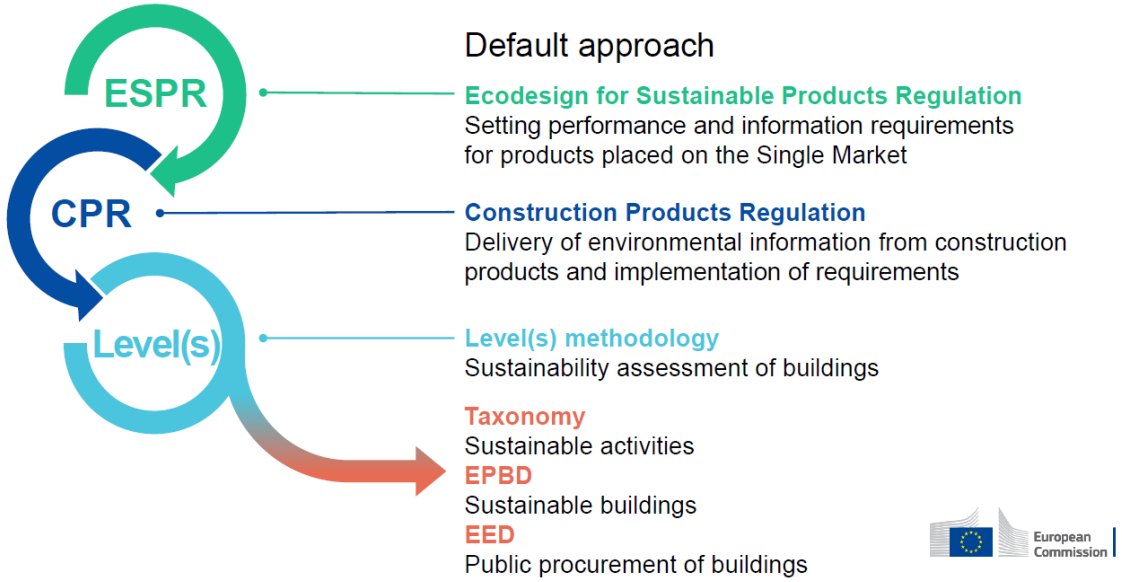
What is the Construction Products Regulation (CPR)?

Harmonised rules for the placing on the market and marketing of construction products, and legal framework for free movement of construction products within the EU

- **Single market** for construction products
- **Removes barriers** to trade and ensures **safe** and **efficient use** of products
- Regulates **CE marking**, third-party assessment, and market surveillance
- Provides a **common technical language** → sets out how performance is **assessed**, **verified**, and **communicated**
- Is the link to National Building Codes **through Basic Requirements for Construction Works (BRCW)**

Connection to other EU Regulations

- Ecodesign for Sustainable Products Regulation (**ESPR**)
  - Depends on product group whether they fall under CPR or ESPR
- Registration, Evaluation, Authorisation and Restriction of Chemicals (**REACH**)
- Public Procurement Directives (2014/24/EU and 2014/25/EU)



EXAMPLES

PRODUCTS WHOSE SUSTAINABILITY REQUIREMENTS ARE SET BY THE CPR-2024 OR ESPR

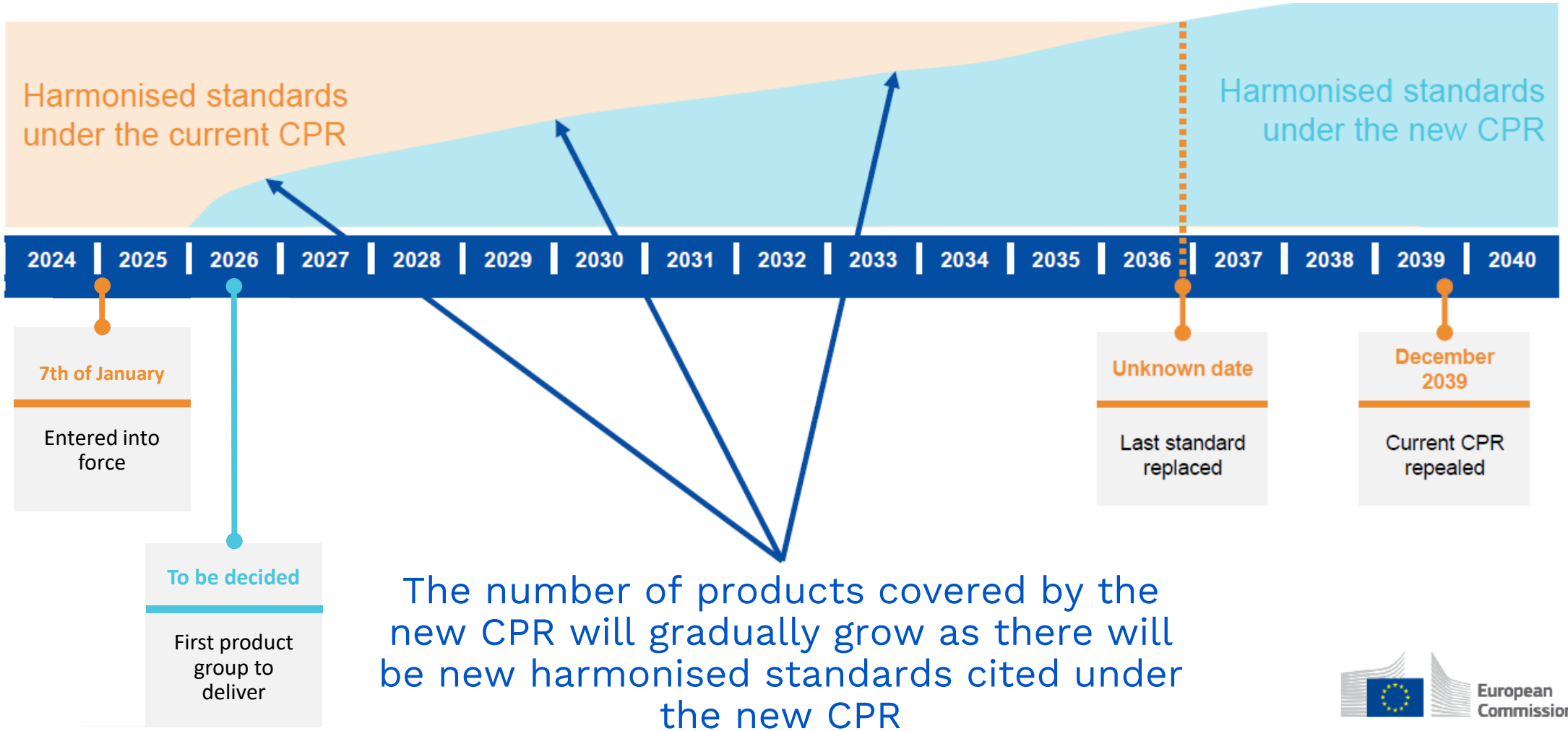
CPR-2024	ESPR
Pedestrian, industrial, commercial, or garage doors	Heating, Ventilation and Air Conditioning Systems
Windows	Boilers
Chimneys	Heat pumps

Source: NAVIGATING THE CONSTRUCTION PRODUCTS REGULATION. A GUIDE FOR MANUFACTURERS. Construction Products Europe.

Why is the CPR updated?

- **Underperformance** of the old CPR-2011 in various aspects → including in the **development of standards** and the **market surveillance**.
- Support for the **European Green Deal** → aligns with sustainability and climate neutrality goals.
  - Integration of **environmental sustainability** → emphasizes environmental impact in product performance to connects product performance with EU building requirements.
  - **Circular economy goals** → encourages resource efficiency and material reuse.
- Addressing **industry gaps** → aims to resolve inconsistencies in testing and certification.
- **Digital transformation** → ensuring digital access to comprehensive information.

Timeline for the CPR implementation



The number of products covered by the new CPR will gradually grow as there will be new harmonised standards cited under the new CPR

European Commission

Mandatory performance harmonised standards in the new CPR

For products not covered, there is a voluntary route to CE marking, based on a European Technical Assessment (ETA), issued by Technical Assessment Bodies (TABs), in accordance with European Assessment Documents (EADs).

Key changes

Environmental sustainability performance of products (validated by notified bodies)	Mandatory performance hamonised standards („**harmonised technical specifications**“, hTS)	Declaration of **Performance** and **Conformity** (DoPC)	Increased **information requirements**	Environmental **labelling** requirements
Explicit inclusion of **used** and **remanufactured** products	Differentiation between **declared** and **intended use**	Construction **Digital Product Passport** (DPP)	„**Harmonized zones**“ to ensure free movement of products within EU	European Commission can **amend** and **adopt** elements of standards

Key changes – Connected to environment

Environmental sustainability performance of products (validated by notified bodies)

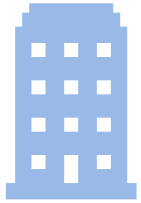
Mandatory performance hamonised standards („**harmonised technical specifications**“, hTS)

Declaration of **Performance** and **Conformity** (DoPC)

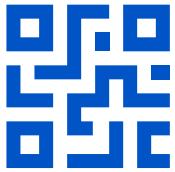
Increased **information requirements**

Environmental **labelling** requirements

Explicit inclusion of **used** and **remanufactured** products



Differentiation between **declared** and **intended use**

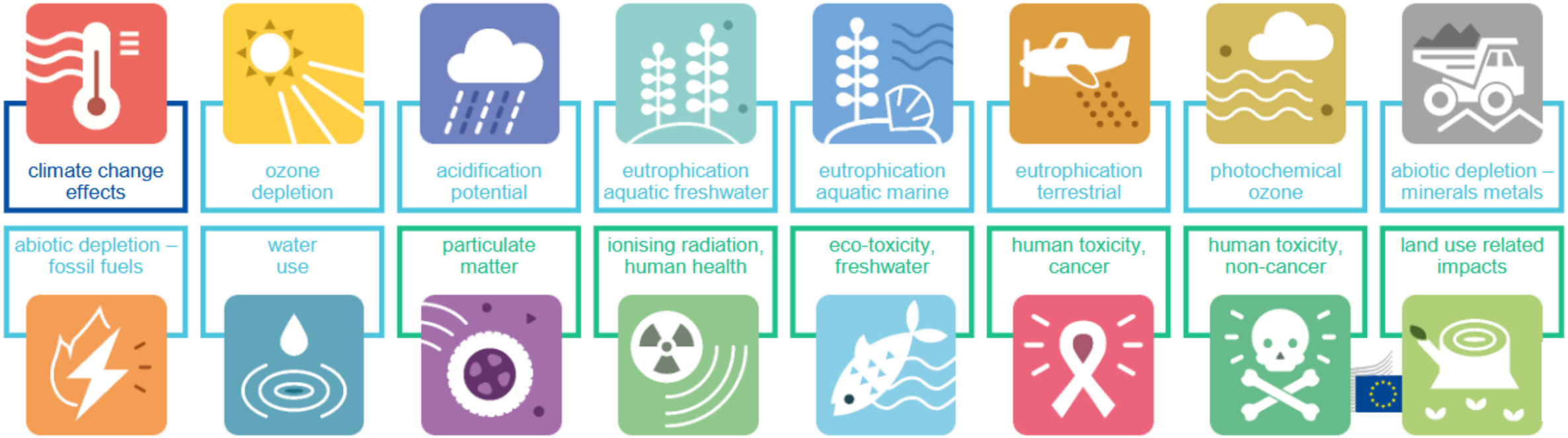


Construction **Digital Product Passport** (DPP)

„**Harmonized zones**“ to ensure free movement of products within EU

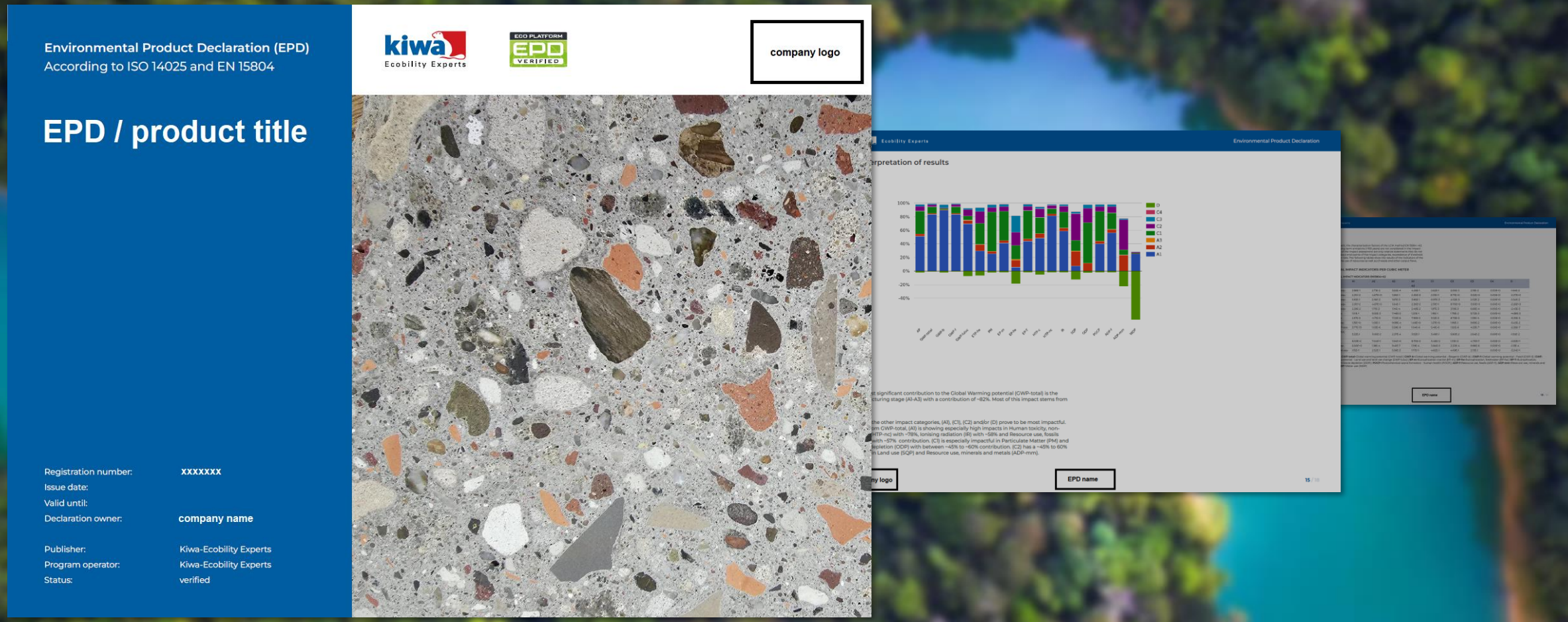
European Commission can **amend** and **adopt** elements of standards

What is environmental sustainability according to the new CPR?



Environmental indicators according to standard **EN 15804**

EPD: **Environmental Product Declaration**



EPD: **Environmental Product Declaration**

Environmental Product Declaration (EPD)
According to ISO 14025 and EN 15804

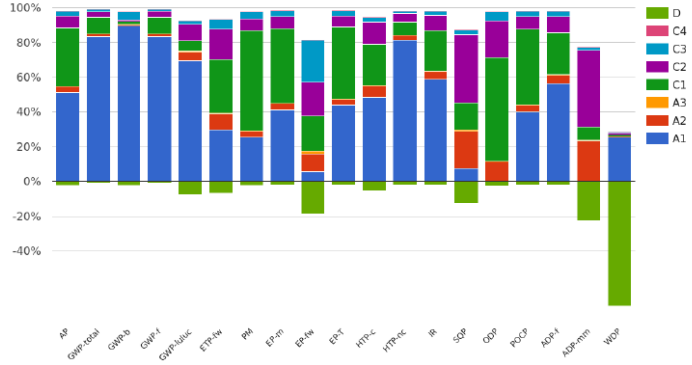
EPD / product title

Registration number: xxxxxxx
Issue date:
Valid until:
Declaration owner: company name

Publisher: Kiwa-Ecobility Experts
Program operator: Kiwa-Ecobility Experts
Status: verified

kiwa Ecobility Experts — Environmental Product Declaration

6 Interpretation of results



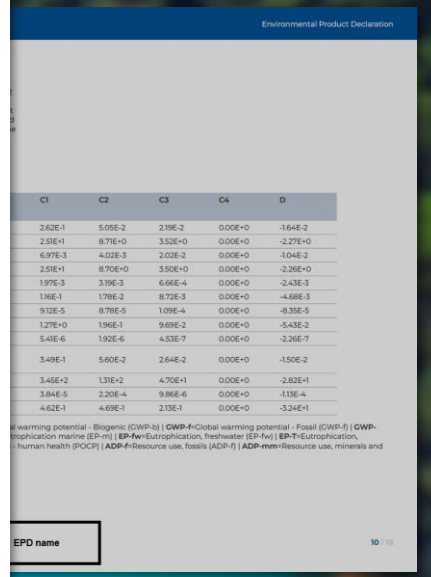
The most significant contribution to the Global Warming potential (GWP-total) is the manufacturing stage (A1-A3) with a contribution of ~82%. Most of this impact stems from (A1).

In all of the other impact categories, (A1), (C1), (C2) and/or (D) prove to be most impactful. Apart from GWP-total, (A1) is showing especially high impacts in Human toxicity, non-cancer (HTP-nc) with ~78%, Ionising radiation (IR) with ~58% and Resource use, fossils (ADP-f) with ~57% contribution. (C1) is especially impactful in Particulate Matter (PM) and Ozone depletion (ODP) with between ~45% to ~60% contribution. (C2) has a ~45% to 60% impact in Land use (SQP) and Resource use, minerals and metals (ADP-mm).

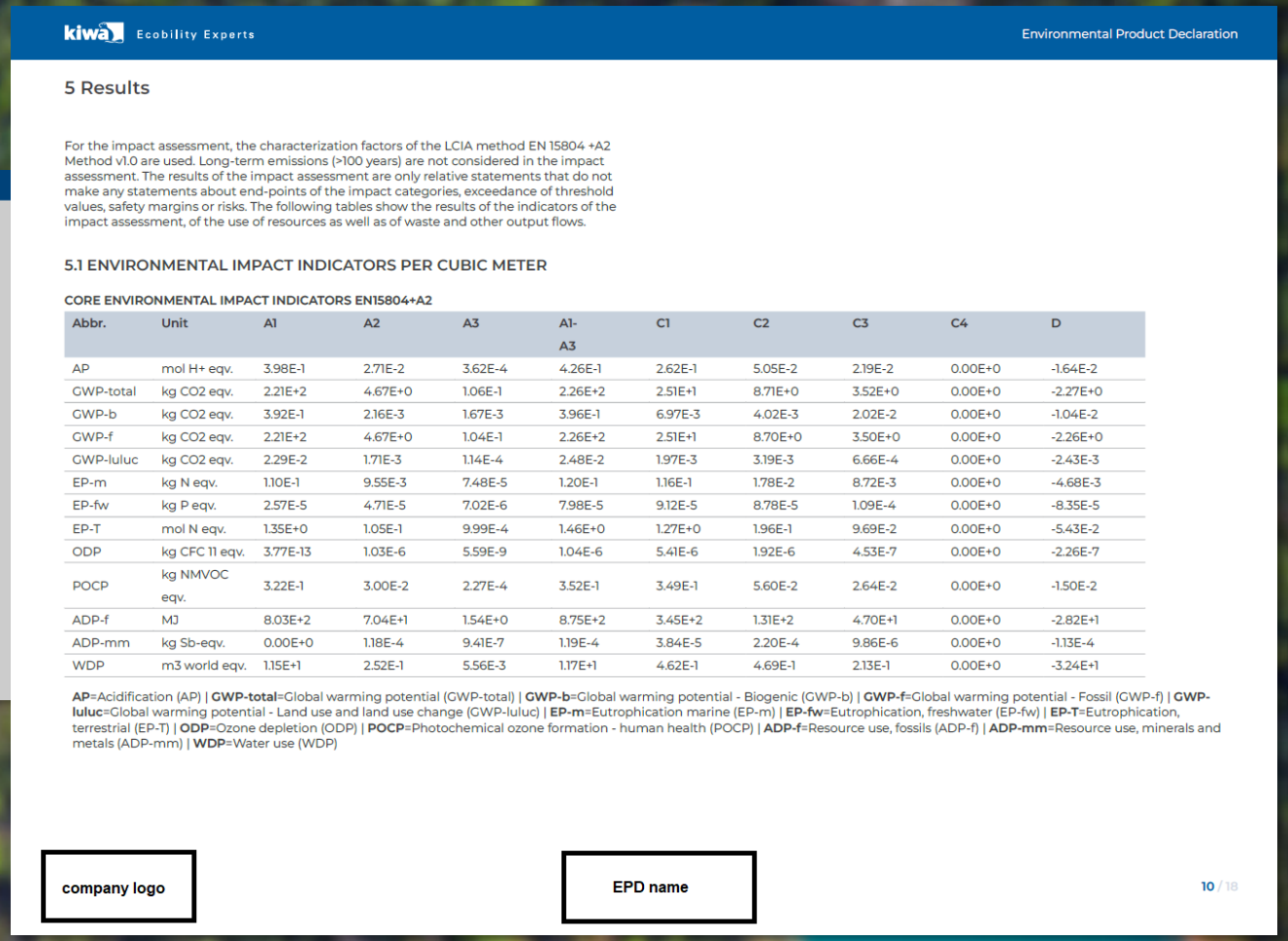
company logo

EPD name

15 / 18



EPD: **Environmental Product Declaration**



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Declaration of Performance and Conformity (DoPC)

- From DoP to DoPC
- **Single document** in which manufacturer assumes responsibility for both the product's conformity with its declared performance and any applicable product requirements
- Needs to be drawn up before placing product on market
- Calculation of environmental sustainability characteristics (according to **EN 15804**)
- Applicable assessment and verification systems (**AVS**)
- Three types of requirements related to conformity:
  - ***Functionality*** *requirements*
  - *Inherent product* ***safety*** *requirements*
  - *Inherent product* ***environmental*** *requirements*
- Depending on product group, extra indicators may be required
- Will be included in the Digital Product Passport (**DPP**)
- Manufacturers must have procedures to ensure that their products **continue to meet** the declared performance

Declaration of Performance and Conformity - Example

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Declaration of Performance and Conformity

Precast concrete elements

Name of the Manufacturer	Kiwa GmbH
Declaration Code	123456
Version No.	1
Date of that version	01.01.2025

1. Product description

Unique identification code	KI2025
Product category	Precast normal/lightweight/autoclaved aerated concrete products
Declared use of the product	Construction projects
Nominal dimensions or grading of the product	NULL
Key parts of the product	Cement, sand, gravel, water.
Estimated average and minimum service life time for the declared use	100 years
Variants, if any	NULL
Date and place of latest deinstallation	NULL

2. Permalinks or data carriers

3. Manufacturer

Name	Kiwa
Registered trade name	Kiwa GmbH
Registered place of business	Berlin, Germany
Postal address	Wattstraße 11-13
Telephone	+49 (0)40 / 30 39 49 - 60
Email address	info@kiwa.com
Website	www.kiwa.com

4. Authorised representative

5. Notified body

6. Technical Assessment Body ('TAB')

7. Reference to certificates or validation reports issued by notified bodies and TABs

8. Technical reference documents

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9. Declared performances and sustainability characteristics

Category	Unit	A1	A2	A3	C1	C2	C3	C4	D
Climate change effects – total	kg CO_2 eq.	9,96E+01	1,91E-02	4,26E+00	0,00E+00	3,26E-02	3,12E+00	3,65E-02	-2,20E+00
Climate change effects – fossil fuels	kg CO_2 eq.	9,95E+01	1,91E-02	5,03E+00	0,00E+00	3,25E-02	3,12E+00	3,64E-02	-2,21E+00
Climate change effects – biogenic	kg CO_2 eq.	9,72E-02	8,81E-06	-7,77E-01	0,00E+00	1,50E-05	5,26E-04	4,28E-05	8,49E-03
Climate change effects – land use and land use change	kg CO_2 eq.	4,86E-02	7,00E-06	4,68E-03	0,00E+00	1,19E-05	2,36E-04	1,59E-06	5,62E-04
Ozone depletion	kg CFC 11 eq.	1,35E-06	4,21E-09	8,83E-08	0,00E+00	7,18E-09	9,02E-08	1,02E-09	-2,00E-07
Acidification potential	mol H+ eq.	9,73E-01	1,11E-04	3,94E-02	0,00E+00	1,89E-04	1,33E-03	2,87E-05	-4,34E-03
Eutrophication aquatic freshwater	kg P eq.	1,90E-02	1,93E-07	6,33E-04	0,00E+00	3,28E-07	8,88E-06	5,88E-08	-3,08E-05
Eutrophication aquatic marine	kg N eq.	7,33E-02	3,90E-05	4,49E-03	0,00E+00	6,65E-05	3,68E-04	2,36E-05	-9,32E-04
Eutrophication terrestrial	mol N eq.	8,07E-01	4,30E-04	4,81E-02	0,00E+00	7,33E-04	4,09E-03	1,06E-04	-1,07E-02
Photochemical ozone	kg NMVOC eq.	2,60E-01	1,23E-04	1,42E-02	0,00E+00	2,09E-04	1,08E-03	3,82E-05	-5,91E-03
Abiotic depletion – minerals, metals	kg Sb-eq.	2,36E-03	4,84E-07	7,45E-05	0,00E+00	8,24E-07	3,68E-06	3,44E-08	-1,62E-06
Abiotic depletion – fossil fuels	MJ	1,03E+03	2,88E-01	5,13E+01	0,00E+00	4,91E-01	2,14E+00	7,80E-02	-2,90E+01
Water use	m3 world eq.	2,47E+01	1,03E-03	1,04E+00	0,00E+00	1,76E-03	1,51E-01	3,06E-03	-2,61E-01
Particulate matter	disease incidence	3,50E-06	1,72E-09	2,42E-07	0,00E+00	2,93E-09	9,91E-09	5,40E-10	-5,08E-08
Ionising radiation, human health	kBq U235 eq.	1,69E+00	1,21E-03	7,84E-02	0,00E+00	2,06E-03	9,03E-03	3,13E-04	6,39E-03
Eco-toxicity, freshwater	CTUe	1,25E+03	2,57E-01	9,29E+01	0,00E+00	4,38E-01	3,82E+01	2,99E-01	-2,95E+01
Human toxicity, cancer	CTUh	4,27E-08	8,33E-12	1,97E-09	0,00E+00	1,42E-11	5,88E-10	2,40E-12	-2,10E-10
Human toxicity, non-cancer	CTUh	1,54E-06	2,81E-10	6,58E-08	0,00E+00	4,79E-10	1,47E-08	1,10E-10	1,58E-07
Land use related impacts	Pt	7,50E+01	2,50E-01	5,97E+01	0,00E+00	4,26E-01	6,67E-01	1,85E-01	-1,61E+00

10. Applicable product product requirements specified by harmonised technical specifications, the applicable assessment and verification system applicable to them and the reference to the voluntary harmonised standard or common specifications or parts thereof applied including the date.

11. Declarations

Declaration of Performance and Conformity - Example

Environmental Product Declaration (EPD)

kiwa Ecobility Experts — Environmental Product Declaration

5 Results

For the impact assessment, the characterization factors of the LCIA method EN 15804 +A2 Method v1.0 are used. Long-term emissions (>100 years) are not considered in the impact assessment. The results of the impact assessment are only relative statements that do not make any statements about end-points of the impact categories, exceedance of threshold values, safety margins or risks. The following tables show the results of the indicators of the impact assessment, of the use of resources as well as of waste and other output flows.

5.1 ENVIRONMENTAL IMPACT INDICATORS PER PIECE

CORE ENVIRONMENTAL IMPACT INDICATORS EN15804+A2

Abbr.	Unit	A1	A2	A3	A1-A3	B6	C1	C2	C3	C4	D
GWP-total	kg CO_2 eq.	9.96E+1	1.91E-2	4.26E+0	1.04E+2	1.19E+3	0.00E+0	3.26E-2	3.12E+0	3.65E-2	-2.20E+0
GWP-f	kg CO_2 eq.	9.95E+1	1.91E-2	5.03E+0	1.05E+2	1.15E+3	0.00E+0	3.25E-2	3.12E+0	3.64E-2	-2.21E+0
GWP-b	kg CO_2 eq.	9.72E-2	8.81E-6	-7.77E-1	-6.80E-1	3.45E+1	0.00E+0	1.50E-5	5.26E-4	4.28E-5	8.49E-3
GWP-luluc	kg CO_2 eq.	4.86E-2	7.00E-6	4.68E-3	5.33E-2	2.68E+0	0.00E+0	1.19E-5	2.36E-4	1.59E-6	5.62E-4
ODP	kg CFC 11 eq.	1.35E-6	4.21E-9	8.83E-8	1.45E-6	9.69E-5	0.00E+0	7.18E-9	9.02E-8	1.02E-9	-2.00E-7
AP	mol H+ eq.	9.73E-1	1.11E-4	3.94E-2	1.01E+0	6.71E+0	0.00E+0	1.89E-4	1.33E-3	2.87E-5	-4.34E-3
EP-fw	kg P eq.	1.90E-2	1.93E-7	6.33E-4	1.96E-2	1.23E-1	0.00E+0	3.28E-7	8.88E-6	5.88E-8	-3.08E-5
EP-m	kg N eq.	7.33E-2	3.90E-5	4.49E-3	7.78E-2	8.52E-1	0.00E+0	6.65E-5	3.68E-4	2.36E-5	-9.32E-4
EP-T	mol N eq.	8.07E-1	4.30E-4	4.81E-2	8.56E-1	1.05E+1	0.00E+0	7.33E-4	4.09E-3	1.06E-4	-1.07E-2
POCP	kg NMVOC eq.	2.60E-1	1.23E-4	1.42E-2	2.74E-1	2.66E+0	0.00E+0	2.09E-4	1.08E-3	3.82E-5	-5.91E-3
ADP-mm	kg Sb-eq.	2.36E-3	4.84E-7	7.45E-5	2.44E-3	8.37E-3	0.00E+0	8.24E-7	3.68E-6	3.44E-8	-1.62E-6
ADP-f	MJ	1.03E+3	2.88E-1	5.13E+1	1.09E+3	2.37E+4	0.00E+0	4.91E-1	2.14E+0	7.80E-2	-2.90E+1
WDP	m3 world eq.	2.47E+1	1.03E-3	1.04E+0	2.57E+1	2.65E+2	0.00E+0	1.76E-3	1.51E-1	3.06E-3	-2.61E-1

GWP-total=Global Warming Potential total (GWP-total) | **GWP-f**=Global Warming Potential fossil fuels (GWP-fossil) | **GWP-b**=Global Warming Potential biogenic (GWP-biogenic) | **GWP-luluc**=Global Warming Potential land use and land use change (GWP-luluc) | **ODP**=Depletion potential of the stratosperic ozon layer (ODP) | **AP**=Acidification potential, Accumulated Exceedance (AP) | **EP-fw**=Eutrophication potential, fraction of nutrients reaching freshwater end compartment (EP-freshwater) | **EP-m**=Eutrophication potential, fraction of nutrients reaching marine end compartment (EP-marine) | **EP-T**=Eutrophication potential, Accumulated Exceedance (EP-terrestrial) | **POCP**=Formation potential of tropospheric ozone (POCP) | **ADP-mm**=Abiotic depletion potential for non fossil resources (ADP minerals&metals) | **ADP-f**=Abiotic depletion for fossil resources potential (ADP fossil) | **WDP**=Water (user) deprication potential, deprivation-weighted water consumption (WDP)

Declaration of Performance and Conformity (DoPC)

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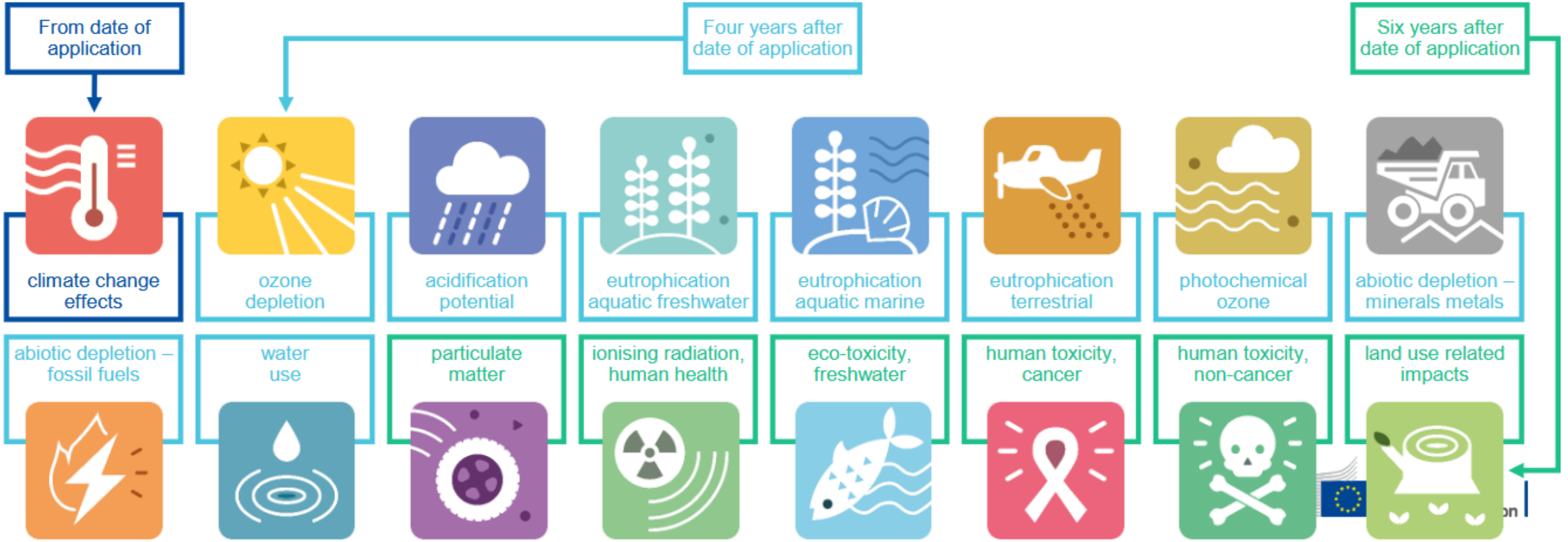
9. Declared performances and sustainability characteristics

Category	Unit	A1	A2	A3	C1	C2	C3	C4	D
Climate change effects – total	kg CO_2 eq.	9,96E+01	1,91E-02	4,26E+00	0,00E+00	3,26E-02	3,12E+00	3,65E-02	-2,20E+00
Climate change effects – fossil fuels	kg CO_2 eq.	9,95E+01	1,91E-02	5,03E+00	0,00E+00	3,25E-02	3,12E+00	3,64E-02	-2,21E+00
Climate change effects – biogenic	kg CO_2 eq.	9,72E-02	8,81E-06	-7,77E-01	0,00E+00	1,50E-05	5,26E-04	4,28E-05	8,49E-03
Climate change effects – land use and land use change	kg CO_2 eq.	4,86E-02	7,00E-06	4,68E-03	0,00E+00	1,19E-05	2,36E-04	1,59E-06	5,62E-04
Ozone depletion	kg CFC 11 eq.	1,35E-06	4,21E-09	8,83E-08	0,00E+00	7,18E-09	9,02E-08	1,02E-09	-2,00E-07
Acidification potential	mol H+ eq.	9,73E-01	1,11E-04	3,94E-02	0,00E+00	1,89E-04	1,33E-03	2,87E-05	-4,34E-03
Eutrophication aquatic freshwater	kg P eq.	1,90E-02	1,93E-07	6,33E-04	0,00E+00	3,28E-07	8,88E-06	5,88E-08	-3,08E-05
Eutrophication aquatic marine	kg N eq.	7,33E-02	3,90E-05	4,49E-03	0,00E+00	6,65E-05	3,68E-04	2,36E-05	-9,32E-04
Eutrophication terrestrial	mol N eq.	8,07E-01	4,30E-04	4,81E-02	0,00E+00	7,33E-04	4,09E-03	1,06E-04	-1,07E-02
Photochemical ozone	kg NMVOC eq.	2,60E-01	1,23E-04	1,42E-02	0,00E+00	2,09E-04	1,08E-03	3,82E-05	-5,91E-03
Abiotic depletion – minerals, metals	kg Sb-eq.	2,36E-03	4,84E-07	7,45E-05	0,00E+00	8,24E-07	3,68E-06	3,44E-08	-1,62E-06
Abiotic depletion – fossil fuels	MJ	1,03E+03	2,88E-01	5,13E+01	0,00E+00	4,91E-01	2,14E+00	7,80E-02	-2,90E+01
Water use	m3 world eq.	2,47E+01	1,03E-03	1,04E+00	0,00E+00	1,76E-03	1,51E-01	3,06E-03	-2,61E-01
Particulate matter	disease incidence	3,50E-06	1,72E-09	2,42E-07	0,00E+00	2,93E-09	9,91E-09	5,40E-10	-5,08E-08
Ionising radiation, human health	kBq U235 eq.	1,69E+00	1,21E-03	7,84E-02	0,00E+00	2,06E-03	9,03E-03	3,13E-04	6,39E-03
Eco-toxicity, freshwater	CTUe	1,25E+03	2,57E-01	9,29E+01	0,00E+00	4,38E-01	3,82E+01	2,99E-01	-2,95E+01
Human toxicity, cancer	CTUh	4,27E-08	8,33E-12	1,97E-09	0,00E+00	1,42E-11	5,88E-10	2,40E-12	-2,10E-10
Human toxicity, non-cancer	CTUh	1,54E-06	2,81E-10	6,58E-08	0,00E+00	4,79E-10	1,47E-08	1,10E-10	1,58E-07
Land use related impacts	Pt	7,50E+01	2,50E-01	5,97E+01	0,00E+00	4,26E-01	6,67E-01	1,85E-01	-1,61E+00

10. Applicable product product requirements specified by harmonised technical specifications, the applicable assessment and verification system applicable to them and the reference to the voluntary harmonised standard or common specifications or parts thereof applied including the date.

11. Declarations

Timeline for environmental indicators in DoPC



Environmental indicators according to standard **EN 15804**

Assessment and Verification System (AVS) 3+

Change:

From the **AVCP system** (Assessment and Verification of Constancy of Performance) to the **AVS system** (Assessment and Verification System)

AVS System 3+:

1) validation of the environmental data

2) initial factory control carried out by a Notified Body

Figure 10:
Tasks of the manufacturer in relation to the applicable AVS

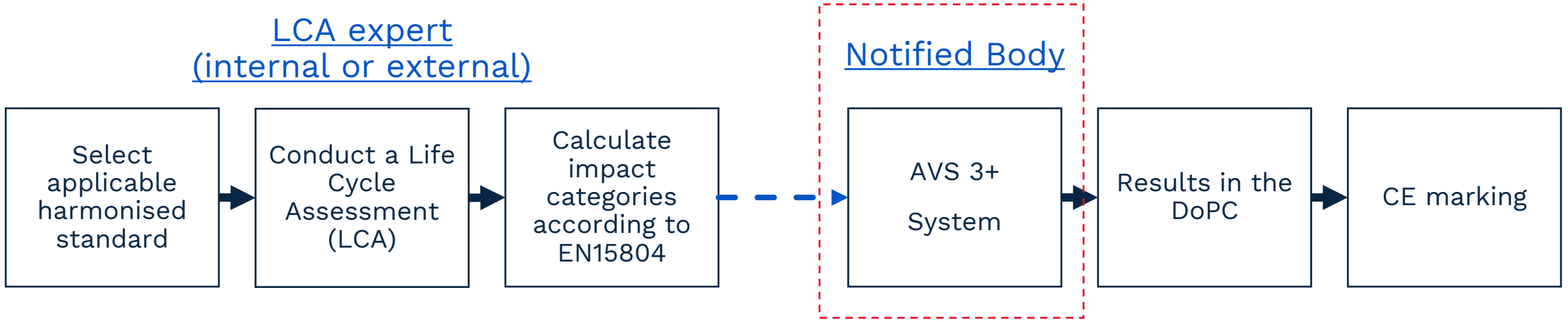
	MANUFACTURER'S TASK				
	DETERMINATION OF THE PRODUCT TYPE AND APPLICATION OF THE CORRESPONDING PRODUCT CATEGORY				
✕ Was also required within the old AVCP system ✕ Additional / new requirements within the new AVS	Further assessment of the performance of the product on the basis of testing (including sampling)	Assessment of the performance of the product on the basis of data collection for input values, assumptions and modelling	Factory production control	Further testing of samples taken at the manufacturing plant in accordance with the prescribed test plan	The drawing up of technical documentation containing proof of: - the correct application of this Regulation with regard to the assessment of performance - conformity with the applicable product requirements under this Regulation
SYSTEM 1+ Full notified body control including audit sample testing			✕	✕	✕
SYSTEM 1 Full notified body control without audit sample testing			✕	✕	✕
SYSTEM 2 Notified body focusing on the factory production control	✕		✕	✕	✕
SYSTEM 3+ Notified body's control of environmental sustainability assessment		✕	✕		
SYSTEM 3 Notified body focusing on the determination of the product type	✕		✕		✕
SYSTEM 4 Manufacturer's self-verification and self-certification	✕		✕		✕

Source: NAVIGATING THE CONSTRUCTION PRODUCTS REGULATION. A GUIDE FOR MANUFACTURERS. Construction Products Europe.

Changes in EPD process once CPR is in force

Without new CPR in force (voluntary declaration)

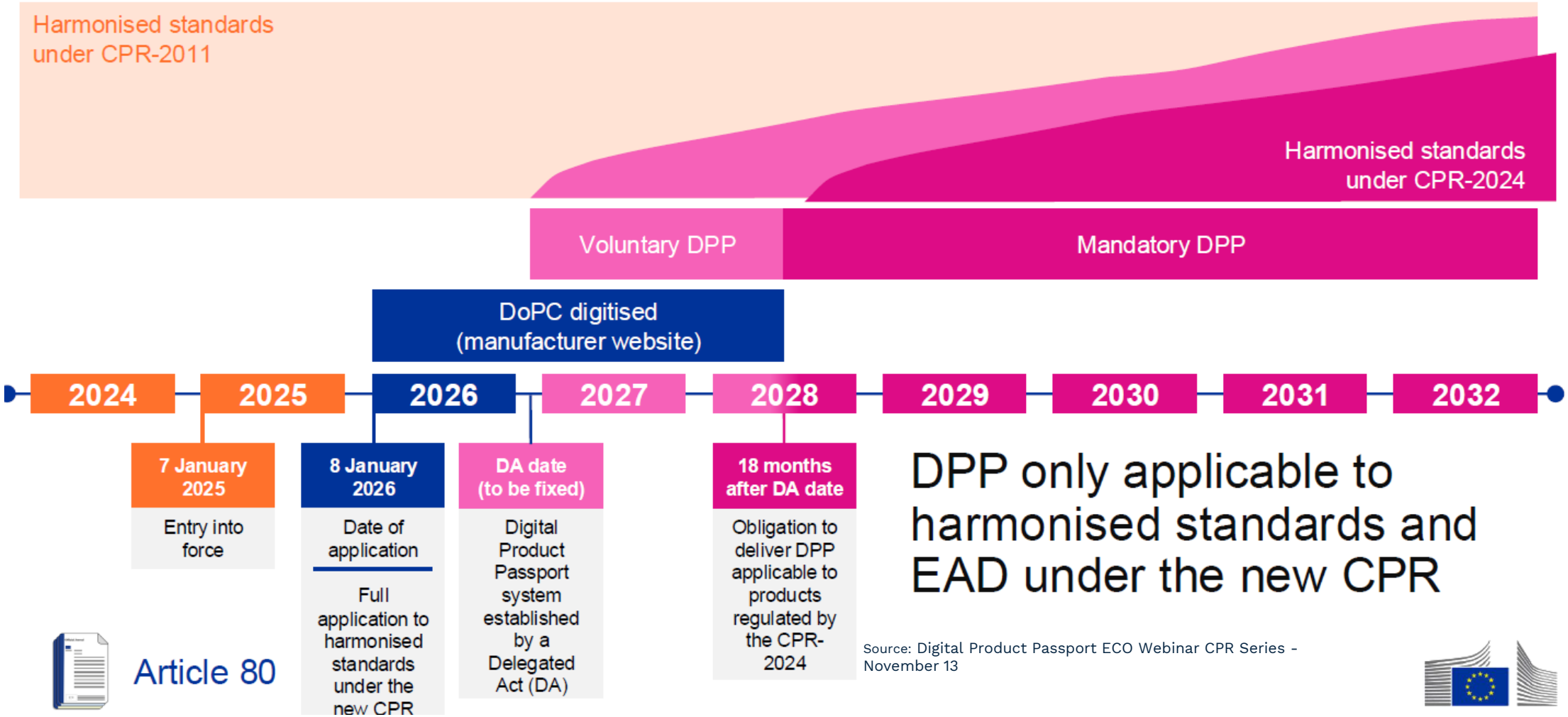
With new CPR in force



Digital Product Passport (DPP)

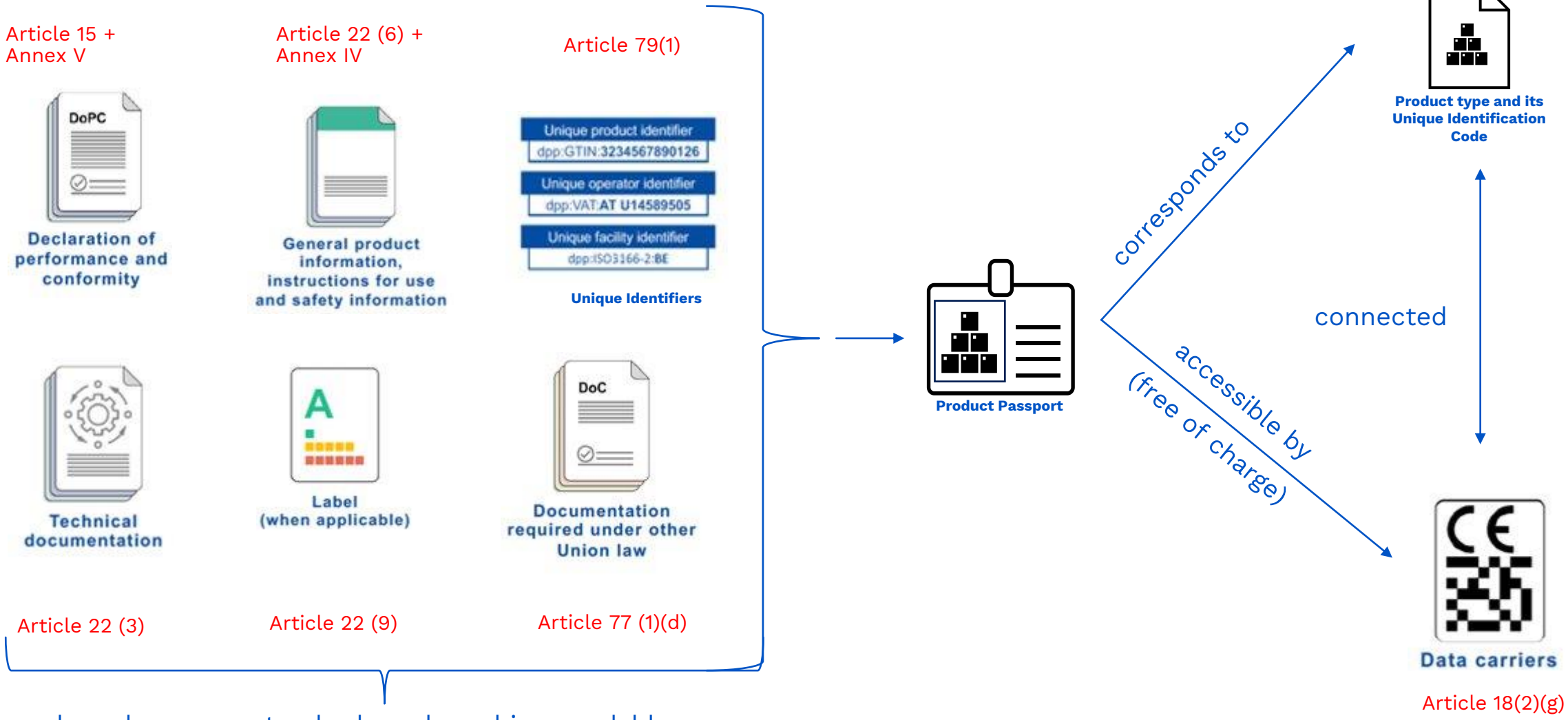
- Traceable **digital record** (set of documents) containing comprehensive information about construction products throughout their lifecycle
- Reasons:
  - To enhance **transparency** and **traceability**
  - To improve the **management of complex information**
  - To **reduce administrative burdens**
- Overarching framework for the DPP is outlined in the ESPR
- Becomes **obligatory 18 months after the entry into force of the Delegated Act**
- Should be connected to a data carrier (i.e. linear bar code symbol, two-dimensional symbol, etc.)
- Should be **interoperable** with other passports, IT tools, and software including BIM
- EC needs to adopt Delegated Acts to establish the Digital Product Passport system

Timeline of digitalization



Source: Digital Product Passport ECO Webinar CPR Series - November 13

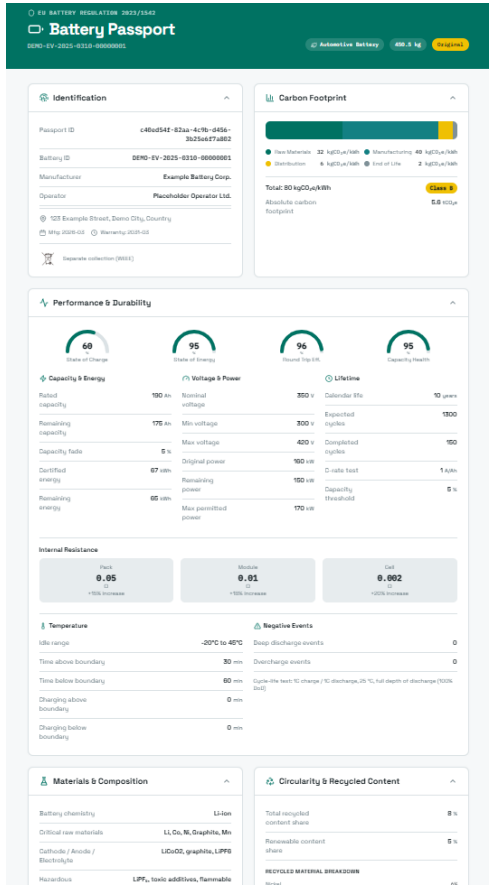
DPP and Products on the EU market



EU Battery Passport (as an example)

Overview

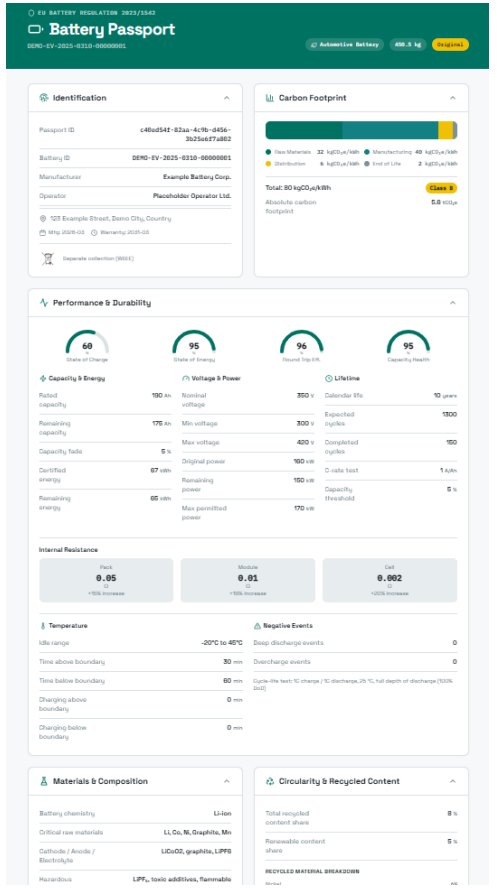
- ✓ Battery Passport = Digital Product Passport (DPP) **pilot** under the EU Battery Regulation
- ✓ Mandatory from **18 February 2027** for all batteries in scope
- ✓ Applies to: Electric vehicles, light transport vehicles, and industrial batteries with a capacity of **more than 2 kWh** fall within the scope of the EU battery passport.
- ✓ Developed in close alignment with the EU Digital Product Passport (Ecodesign Regulation may add further) requirements)
- ✓ Responsibility: The economic operator (manufacturer or importer) placing the battery on the EU market or into service



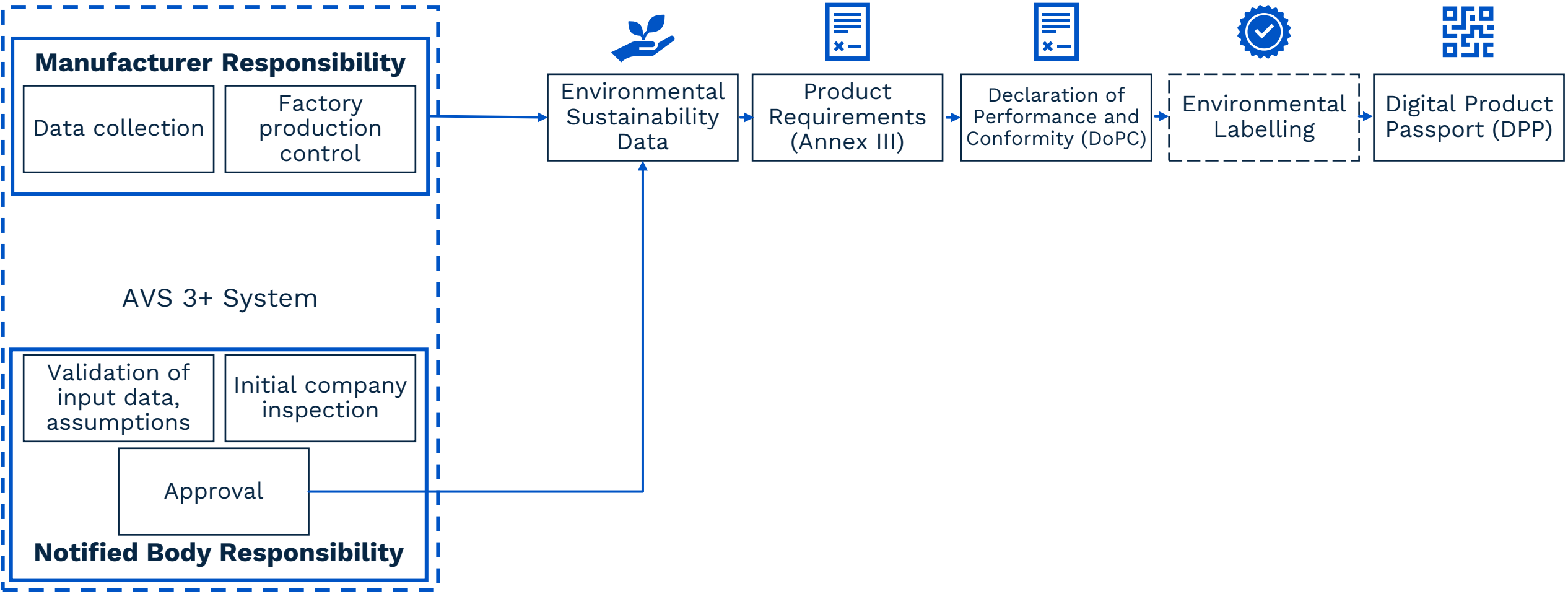
EU Battery Passport (as an example)

What must be included?

- ✓ General information about batteries and manufacturers
- ✓ Conformity, labeling, certifications
- ✓ CO2e footprint of batteries (verified by third parties)
- ✓ Due diligence in the supply chain
- ✓ Materials and composition of batteries
- ✓ Circular economy and resource efficiency
- ✓ Performance and durability



Link between environmental sustainability, AVS 3+, environmental requirements, DoPC, Environmental labelling and DPP



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Essentials for manufacturers – Environmental sustainability

1. Determine the **product type**
2. Undergo the **applicable Assessment and Verification System 3+ (AVS)**
3. Draw up a **Declaration of Performance and Conformity (DoPC)**

   Afterwards, products can be placed on the market with CE-marking
4. Implement **procedures to ensure continuous meeting** of declared performance and conformity
5. Apply **environmental sustainability label** (if applicable)
6. Make **Digital Product Passport (DPP)** available

How Kiwa can support manucturers?

CPReadiness Check

EPD Process verification/validation

CPR AVS3+ Validation Check

EPD/LCA software R<THINK

Kiwa‘s DPP-Solution

Sustainability product passport (SPP) for Green Building Scheme

CPReadiness Check

- Understanding of the new CPR regulation
- Insight into the AVS 3+ systems
- Integration of the new requirements into existing processes
- Analysis of your Environmental Product Declaration (EPD) system
- Guidance on further steps to fulfill the CPR requirements

Process:

- **1 Day - Preparation:** Creation of a tailored Kiwa checklist for optimal preparation.
- **1 Day - On-site Information Exchange & Validation Assessment:** Our experts assess your system directly at your facility.
- **1 Day - Follow-up:** We provide feedback and next steps based on our findings.

Link: https://www.kiwa.com/de/en-de/areas-of-expertise/sustainable-solutions/construction-products-regulation/cpreadiness-check/

EPD Process Certification

- Process certification: Review of specific processes within a system or organization, ensuring that a specific process meets the defined standards and requirements.
- Enables manufacturers to maintain their EPD data on their own without single EPD validation.
- Applicable under the multi-site approach.
- Certification ensures that the manufacturer has built up a documented, plausible process that ensures the accuracy of the EPD results.
- Requirement that manufacturer need:

1) Personal (LCA practitioner and internal verifier and validator)

2) Infrastructure (LCA software and documented management system and processes, internal audits, EPD documentation)

CPR AVS 3+ Validation Check

Kiwa's CPR AVS 3+ Validation Process

1. **Initial inspection** of your company or production site
2. **Assessment of the performance of the product** based on data collection for input values, assumptions and modelling
3. **Preparation of the validation report** based on the scientific life cycle assessment (LCA) approach
4. **Integration of the results** into your Declaration of Performance and Conformity (DoPC)

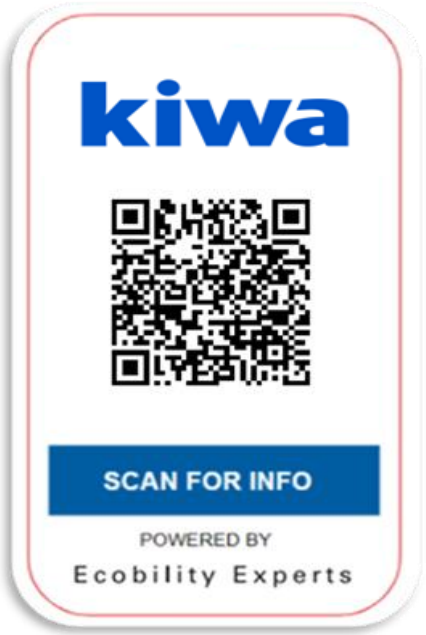
Link: https://www.kiwa.com/de/en-de/areas-of-expertise/sustainable-solutions/construction-products-regulation/cpr-3-validation-check/

Environmental Product Declaration (EPD) with Kiwa

- Our services:
  - Data collection & LCA calculation
  - In-depth portfolio analysis
  - EPD preparation (EN 15804 / ISO 21930 or EN 50963 / IEC 63366)
  - LCA/EPD trainings
  - LCA/EPD software R<THINK, to calculate:
    - LCAs according to ISO 14040/44
    - EPDs according to various standards, including country-specific requirements
    - Carbon Footprints of Products

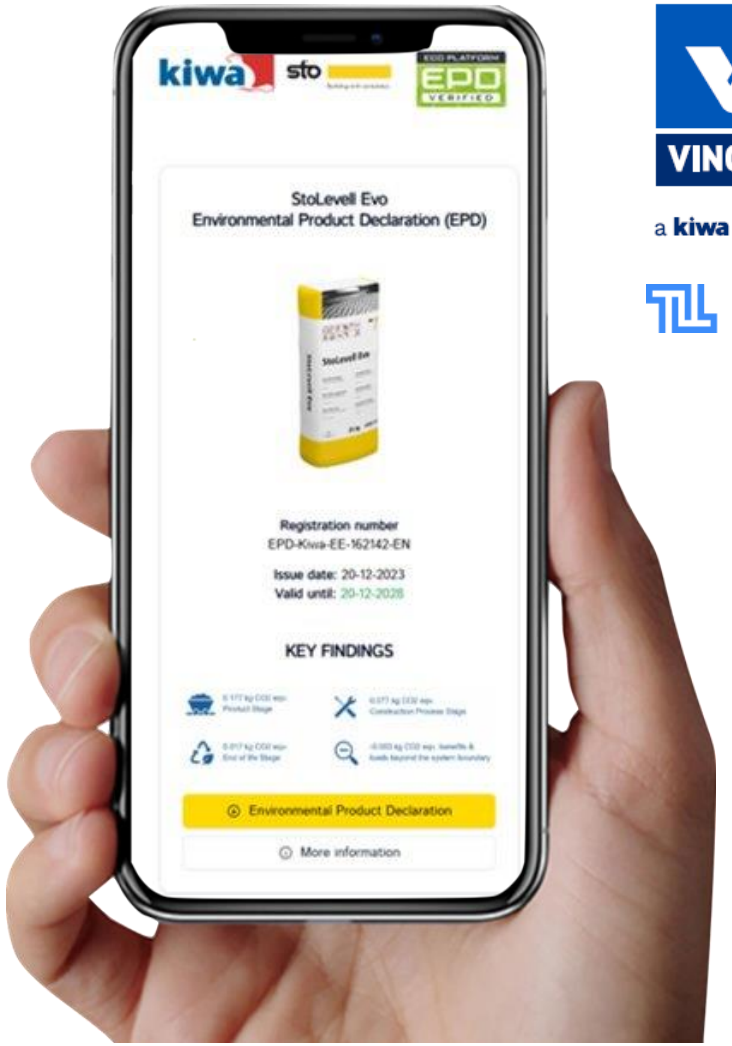
Digital Product Passport (DPP)

EPD on sustainability platform - Functionalities



- Issue Date – Valid Date
- Life cycle data
- Certificates
- Environmental Product Declaration
- Product sheet
- Documents
- Contact us

Open the link here



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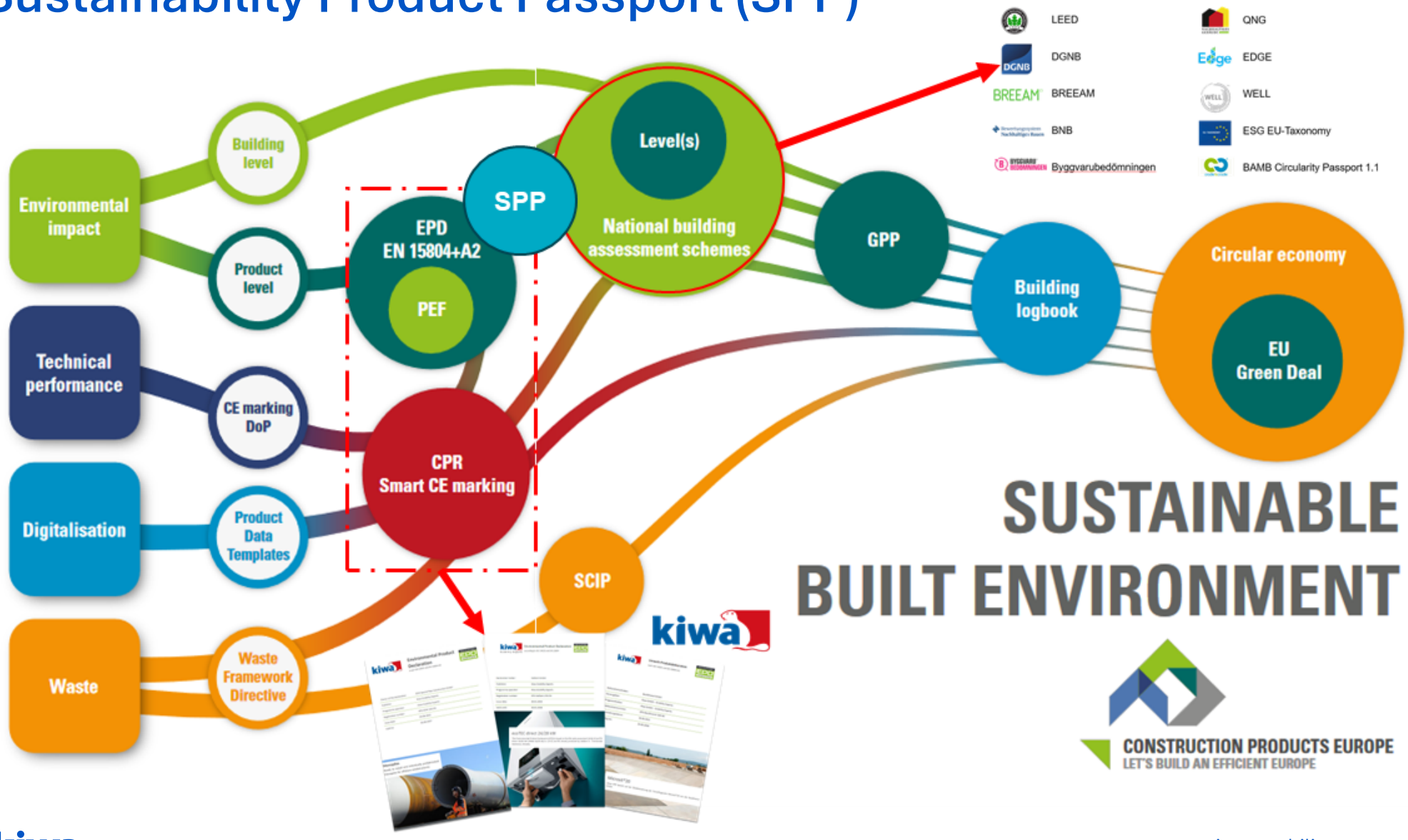
Sustainability Product Passport (SPP)



Sustainability Product Passport (SPP)

- Depends on your market area!

LEED

QNG

DGNB

EDGE

BREEAM

WELL

BNB

ESG EU-Taxonomy

Byggvarubedömningen

Sustainability Product Passport (SPP)

(Green building scheme)

kiwa

SCAN FOR INFO

POWERED BY

Ecobility Experts

Open the link here

Building scheme including

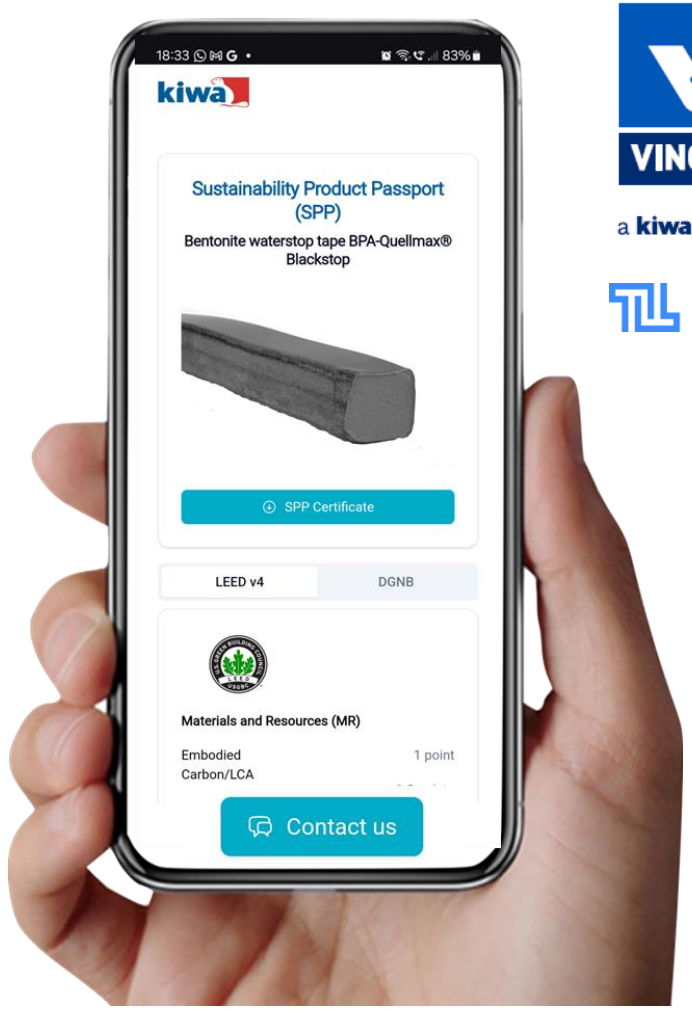
- Achieved scores
- Product datasheet
- Documentation
- Certificates
- Circularity information

SPP Certificate

LEED v4 | DGNB

DGNB

U.S. GREEN BUILDING COUNCIL LEED USGBC



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What type of support would be most valuable for you right now?

What type of support would be most valuable for you right now?

EPD or LCA support
0%

CPR readiness check / gap analysis
0%

AVS 3+ validation
0%

DPP strategy or pilot
0%

Green building certification (DGNB, LEED, BREEAM, etc.)
0%

Internal training

Would you like to talk more about this topic with us?

For questions or inquiries, please contact:

Morteza Nikravan
(morteza.nikravan@kiwa.com,
+49 160 94946041)

Or book an appointment directly via this QR code:

We look forward to hearing from you!

Your sustainability team at

kiwa