

Environmental Product Declaration



In accordance with ISO 14025 for:

[*Product name*]

from

[*Company name*]

[*Company logotype*]

Programme:	The International EPD® System, www.environdec.com
Programme operator:	EPD International AB
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[Product image]

Programme information

Programme:	<p>The International EPD® System</p> <p>EPD International AB Box 210 60 SE-100 31 Stockholm Sweden</p> <p>www.environdec.com info@environdec.com</p>
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Product category rules (PCR): <i><name, registration number, version and UN CPC code(s)></i>
PCR review was conducted by: <i><name and organisation of the review chair, and information on how to contact the chair through the programme operator></i>
Independent third-party verification of the declaration and data, according to ISO 14025:2006: <input type="checkbox"/> EPD process certification <input type="checkbox"/> EPD verification
Third party verifier: <i><name, organisation and signature of the third party verifier></i> <i>In case of accredited certification bodies:</i> Accredited by: <i><name of the accreditation body and accreditation number, where applicable></i> . <i>In case of recognised individual verifiers:</i> Approved by: The International EPD® System
Procedure for follow-up of data during EPD validity involves third party verifier: <input type="checkbox"/> Yes <input type="checkbox"/> No

The EPD owner has the sole ownership, liability, and responsibility for the EPD. EPDs within the same product category but from different programmes may not be comparable.

Company information

Owner of the EPD: [Contact information (Name, Phone, E-Mail, Address)]

Description of the organisation: [...]

Product-related or management system-related certifications: [e.g. ISO 14024 Type I environmental labels, ISO 9001- and 14001-certificates, EMAS-registrations, SA 8000, supply chain management and social responsibility]

Name and location of production site: [...]

Product information

Product name: [...]

Product identification: [unambiguous identification of the product by standards, concessions, or other means]

Product description: [product description, application/intended use, technical functions, e.g. expected service life time]

UN CPC code: [...]

Other codes for product classification: [e.g. GTIN, CPV, UNSPSC, NACE/CPA, ANZSIC]

Geographical scope: Choose an item.
[for which geographical location(s) of use and end-of-life the product's performance has been calculated]

LCA information

Functional unit / declared unit: [...]

Reference service life: [where applicable]

Time representativeness: [declaration of the year(s) covered by the data used for the LCA calculation and other relevant reference years]

Database(s) and LCA software used: [where relevant]

System diagram: [processes included in the LCA, divided into the lifecycle stages]

Description of system boundaries: [e.g. cradle-to-gate, cradle-to-gate with options, or cradle-to-grave]

Excluded lifecycle stages: [information on which lifecycle stages are not considered (if any), with a justification for the omission]

More information: [any relevant websites for more information or explanatory materials]
Name and contact information of LCA practitioner: optional, name and contact information of the organisation carrying out the underlying LCA study
Additional information: optional, any additional information about the underlying LCA-based information, such as assumptions, cut-off rules, data quality, and allocation

Content declaration

Product

Materials / chemical substances	[Unit]	%	Environmental / hazardous properties
Material 1 / Chemical substance 1			
Material 1 / Chemical substance 2			
...			

Packaging

Distribution packaging: [Information and content declaration of the distribution packaging]

Consumer packaging: [Information and content declaration of the consumer packaging]

Recycled material

Provenience of recycled materials (pre-consumer or post-consumer) in the product: [Information and content declaration of recycled materials in the product]

Environmental performance

Potential environmental impact

PARAMETER		UNIT	Upstream	Core	Downstream	TOTAL
Global warming potential (GWP)	Fossil	kg CO ₂ eq.				
	Biogenic	kg CO ₂ eq.				
	Land use and land transformation	kg CO ₂ eq.				
	TOTAL	kg CO ₂ eq.				
Depletion potential of the stratospheric ozone layer (ODP)		kg CFC 11 eq.				
Acidification potential (AP)		kg SO ₂ eq.				
Eutrophication potential (EP)		kg PO ₄ ³⁻ eq.				
Photochemical oxidant formation potential (POFP)		kg NMVOC eq.				
Abiotic depletion potential – Elements		kg Sb eq.				
Abiotic depletion potential – Fossil resources		MJ, net calorific value				
Water scarcity potential		m ³ eq.				

Use of resources

PARAMETER		UNIT	Upstream	Core	Downstream	TOTAL
Primary energy resources – Renewable	Use as energy carrier	MJ, net calorific value				
	Used as raw materials	MJ, net calorific value				
	TOTAL	MJ, net calorific value				
Primary energy resources – Non-renewable	Use as energy carrier	MJ, net calorific value				
	Used as raw materials	MJ, net calorific value				
	TOTAL	MJ, net calorific value				
Secondary material		kg				
Renewable secondary fuels		MJ, net calorific value				
Non-renewable secondary fuels		MJ, net calorific value				
Net use of fresh water		m ³				



Waste production and output flows

Waste production

PARAMETER	UNIT	Upstream	Core	Downstream	TOTAL
Hazardous waste disposed	kg				
Non-hazardous waste disposed	kg				
Radioactive waste disposed	kg				

Output flows

PARAMETER	UNIT	Upstream	Core	Downstream	TOTAL
Components for reuse	kg				
Material for recycling	kg				
Materials for energy recovery	kg				
Exported energy, electricity	MJ				
Exported energy, thermal	MJ				

The result tables shall only contain values or the letters “INA” (Indicator Not Assessed). It is not possible to specify INA for mandatory indicators. INA shall only be used for voluntary parameters that are not quantified because no data is available.

Other environmental indicators

[...]

Optional environmental indicators may be presented as indicated in the table above. See underlying PCR for detailed requirements.

Additional information

[...]

An EPD may contain additional information not derived from the LCA-based calculations. The part of the EPD describing additional information may include various issues. Examples of these are:

- the release of dangerous substances into indoor air, soil, and water during the use stage,*
- instructions for proper use of the product, e.g., to minimise energy or water consumption or to improve the durability of the product,*
- instructions for proper maintenance and service of the product,*
- information on key parts of the product that determine its durability,*
- information on recycling including, e.g., suitable procedures for recycling the entire product or selected parts and the potential environmental benefits gained,*
- information on a suitable method of reuse of the product (or parts of the products) and procedures for disposal as waste at the end of its lifecycle,*
- information regarding disposal of the product, or inherent materials, and any other information considered necessary to minimise the product's end-of-life impacts, and*
- a more detailed description of an organisation's overall environmental work, such as:*
 - o the existence of a quality or environmental management system or any type of organised environmental activity,*
 - o any activity related to supply chain management, social responsibility, etc., and*
 - o information on where interested parties may find more details about the organisation's environmental work.*

It is recommended to add information enabling the possibility to make comparisons with sector benchmarks or, if not available, with benchmarks of common products and services preferably based on the concept of functional unit or declared unit, which is useful for scaling the environmental impacts of different activities, products, and services.

The PCR shall give further information on relevant additional information to include in the EPD.

References

General Programme Instructions of the International EPD[®] System. Version 3.0.
PCR 20xx:yy. Name. Version
Other references

