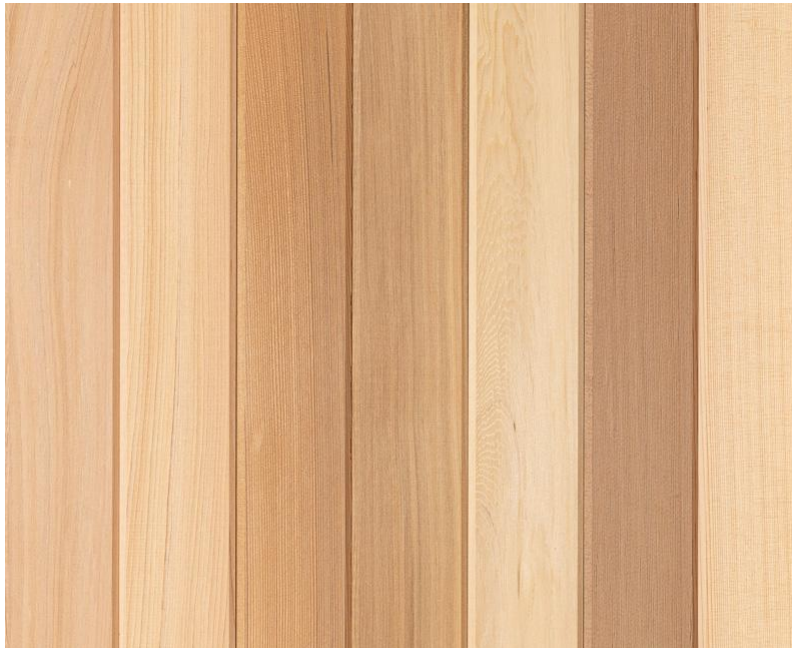
ENVIRONMENTAL PRODUCT DECLARATION

IN ACCORDANCE WITH EN 15804+A2 & ISO 14025

Cedar

Holm Trävaror AB



EPD HUB, HUB-4846

Published on 04.02.2026, last updated on 04.02.2026, valid until 03.02.2031

Life Cycle Assessment study has been performed in accordance with the requirements of EN 15804, EPD Hub PCR version 1.2 (24 Mar 2025) and JRC characterization factors EF 3.1.

Created with One Click LCA

GENERAL INFORMATION

MANUFACTURER

Manufacturer	Holm Trävaror AB
Address	Skepperstadvägen 7, 576 33 Sävsjö, Sweden
Contact details	info@karnsund.se
Website	https://www.karnsund.se/

EPD STANDARDS, SCOPE AND VERIFICATION

Program operator	EPD Hub, hub@epdhub.com
Reference standard	EN 15804:2012+A2:2019/AC:2021 and ISO 14025
PCR	EPD Hub Core PCR Version 1.2, 24 Mar 2025
Sector	Construction product
Category of EPD	Verified EPD from third party
Parent EPD number	-
Scope of the EPD	Cradle to gate with modules A4, A5, C1-C4, D
EPD author	Josefine Schön, Holm Trävaror AB
EPD verification	Independent verification of this EPD and data, according to ISO 14025: ☐ Internal verification ☑ External verification
EPD verifier	Sarah Curpen, as authorized verifier acting for EPD HUB Limited

This EPD is intended for business-to-business and/or business-to-consumer communication. The manufacturer has the sole ownership, liability, and responsibility for the EPD. EPDs within the same product category but from different programs may not be comparable. EPDs of construction products may not be comparable if they do not comply with EN 15804 and if they are not compared in a building context.

PRODUCT

Product name	Cedar
Additional labels	PEFC439******
Product reference	-
Place(s) of raw material origin	Canada
Place of production	Canada
Place(s) of installation and use	Sweden
Period for data	01/01/2024-31/12/2024
Averaging in EPD	No grouping
Variation in GWP-fossil for A1-A3 (%)	-
GTIN (Global Trade Item Number)	-
NOBB (Norwegian Building Product Database)	-
A1-A3 Specific data (%)	87,2

ENVIRONMENTAL DATA SUMMARY

Declared unit	1 m3
Declared unit mass	375 kg
Mass of packaging	2,5692 kg
GWP-fossil, A1-A3 ($kgCO_2e$)	735
GWP-total, A1-A3 ($kgCO_2e$)	-156
Secondary material, inputs (%)	0,13
Secondary material, outputs (%)	100
Total energy use, A1-A3 (kWh)	4860
Net freshwater use, A1-A3 (m^3)	1,07

PRODUCT AND MANUFACTURER

ABOUT THE MANUFACTURER

Holm Trävaror was established in 1927. Early on, the company began to deliver wood and wood-based materials from suppliers worldwide to customers worldwide.
Holm Trävaror AB Group has expanded over the years and now has offices and warehouses in several strategic locations in Sweden.

Kärnsund Wood Link together with the Finnish subsidiary OY Skandinaviska Träimport AB became a part of the Holm Trävaror AB Group in 2021.

Holm Trävaror imports and delivers exclusive wood and wood-based materials to the wood processing industry, shipyards and building materials trade.
Our knowledge of wood materials and our long experience in the use of specific applications in the manufacturing industry enables us to deliver the right products just when they are needed. We contribute early in the processes of product development and production planning. With our accumulated global network of suppliers, we supply everything from design support to the finished article. We always import directly and without intermediaries to ensure price, quality and availability.

PRODUCT DESCRIPTION

Western Red Cedar is a versatile, naturally durable, and dimensionally stable softwood known for its beautiful reddish-brown color, straight grain, and pleasant aroma. Its natural oils provide excellent resistance to decay and insects, eliminating the need for chemical treatments, while its low density offers superior thermal insulation. Easy to work with and finish, it's an ideal material for both interior and exterior applications such as cladding, sauna, outdoor furniture, fencing.
Cedar tends to dampen sound transmission.
The average weight is 375 kg/m3. Thermal conductivity 0,11–0,12 W/(m·K).

Further information can be found at:
https://www.karnsund.se/

PRODUCT RAW MATERIAL MAIN COMPOSITION

Raw material category	Amount, mass %	Material origin
Metals	-	
Minerals	-	
Fossil materials	-	
Bio-based materials	100	Canada

BIOGENIC CARBON CONTENT

Product’s biogenic carbon content at the factory gate

Biogenic carbon content in product, kg C	242,82
Biogenic carbon content in packaging, kg C	1,0718

FUNCTIONAL UNIT AND SERVICE LIFE

Declared unit	1 m3
Mass per declared unit	375 kg
Functional unit	-
Reference service life	-

PRODUCT LIFE-CYCLE

SYSTEM BOUNDARY

This EPD covers the life-cycle modules listed in the following table.

Product stage			Assembly stage		Use stage							End of life stage				Beyond the system boundaries		
A1	A2	A3	A4	A5	B1	B2	B3	B4	B5	B6	B7	C1	C2	C3	C4	D		
x	x	x	x	x	ND	ND	ND	ND	ND	ND	ND	x	x	x	x	x		
Raw materials	Transport	Manufacturing	Transport	Assembly	Use	Maintenance	Repair	Replacement	Refurbishment	Operational energy use	Operational water use	Deconstruction/ demolition	Transport	Waste processing	Disposal	Reuse	Recovery	Recycling

Modules not declared = ND. Modules not relevant = MNR

MANUFACTURING AND PACKAGING (A1-A3)

The environmental impacts considered for the product stage cover the manufacturing of raw materials used in the production as well as packaging materials and other ancillary materials. Also, fuels used by machines, and handling of waste formed in the production processes at the manufacturing facilities are included in this stage. The study also considers the material losses occurring during the manufacturing processes as well as losses during electricity transmission.

A location based approach is used in modelling the electricity mix utilized in the factory.
The western red cedar originates from Canada, where it is felled, sawn, dried. It is planed either in Canada or Sweden. It is packaged on sticks, with PET-straps, cardboard, plastic wrapping, metal straps. Transported from Canada to our warehouse with lorry and ferry.
In this scenario, we have used elecitricity of the planing in Sweden to make the calculations of the impact.

TRANSPORT AND INSTALLATION (A4-A5)

Transportation impacts occurred from final products delivery to construction site (A4) cover fuel direct exhaust emissions, environmental impacts of fuel production, as well as related infrastructure emissions.

The cedar is transported from our warehouse to various locations in Sweden. The distance is calculated as a weighted average based on sales volume. Transportation is used by a lorry.
A5 considers 5% installation loss of the cladding and waste treatment of the packaging materials. It is assumed to be transported by lorry 50km to the waste treatment facility and will go to incineration for energy recovery.

PRODUCT USE AND MAINTENANCE (B1-B7)

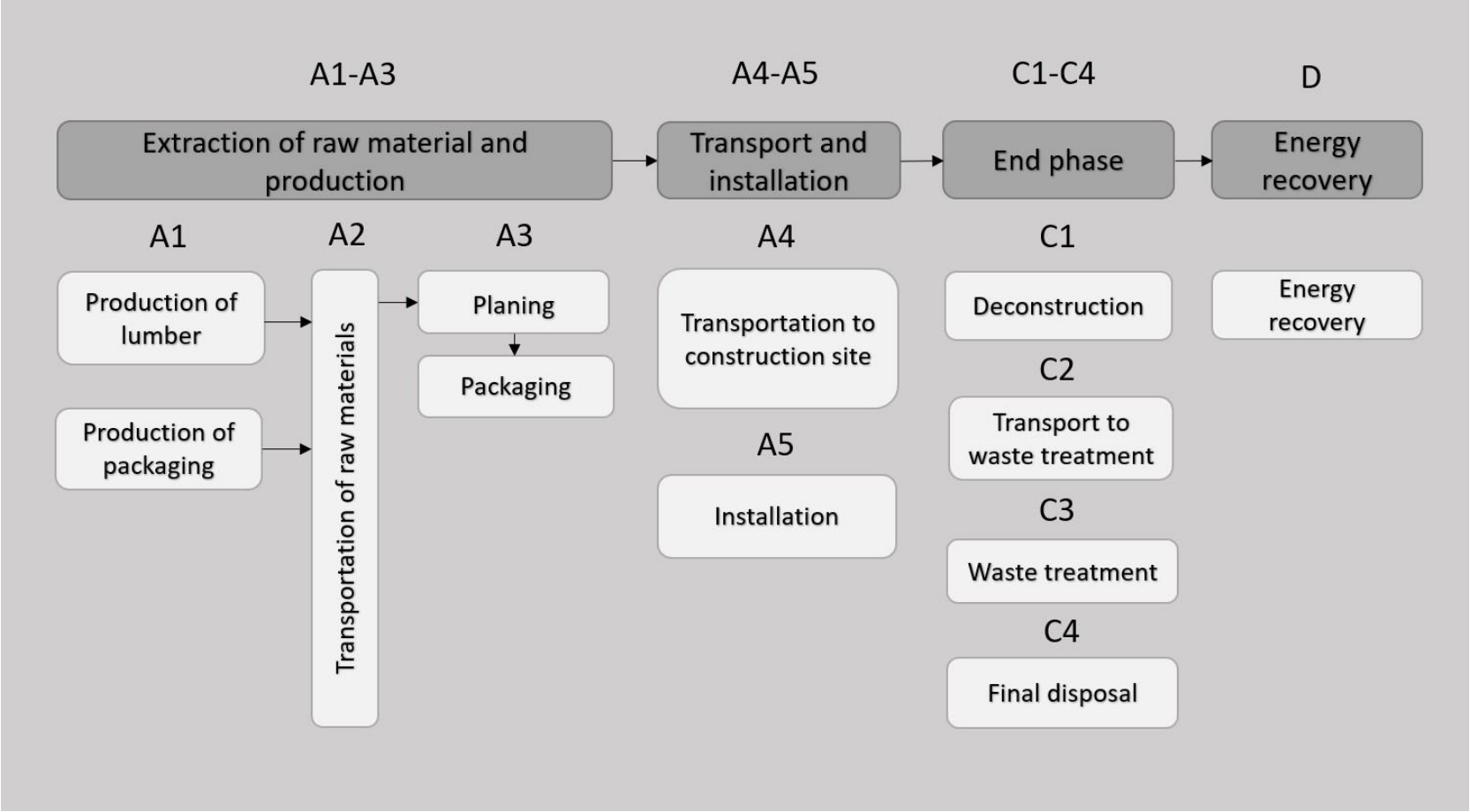
This EPD does not cover the use phase.
Air, soil, and water impacts during the use phase have not been studied.

PRODUCT END OF LIFE (C1-C4, D)

Energy consumption for de-constructing the panels from the building is assumed to be negligible. It is assumed that the waste is collected separately and transported to the waste treatment center. Transportation distance to treatment is assumed as 50 km and the transportation method is assumed to be lorry (C2). It has been assumed that 100% of the product will go to

incineration for energy recovery (C3). The benefit from incineration of the wood packaging, PET packaging, cardboard and installation loss and product will be energy recovery. The steel straps are estimated to be partly recycled and landfill. (D)

SYSTEM DIAGRAM



LIFE-CYCLE ASSESSMENT

CUT-OFF CRITERIA

The study does not exclude any modules or processes which are stated mandatory in the reference standard and the applied PCR. The study does not exclude any hazardous materials or substances. The study includes all major raw material and energy consumption. All inputs and outputs of the unit processes, for which data is available for, are included in the calculation. There is no neglected unit process more than 1% of total mass or energy flows. The module specific total neglected input and output flows also do not exceed 5% of energy usage or mass.

The production of capital equipment, construction activities, and infrastructure, maintenance and operation of capital equipment, personnel-related activities, energy and water use related to company management and sales activities are excluded.

VALIDATION OF DATA

Data collection for production, transport, and packaging was conducted using time and site-specific information, as defined in the general information section on page 1 and 2. Upstream process calculations rely on generic data as defined in the Bibliography section. Manufacturer-provided specific and generic data were used for the product's manufacturing stage. The analysis was performed in One Click LCA EPD Generator, with the 'Cut-Off, EN 15804+A2' allocation method, and characterization factors according to EN 15804:2012+A2:2019/AC:2021 and JRC EF 3.1.

ALLOCATION, ESTIMATES AND ASSUMPTIONS

Allocation is required if some material, energy, and waste data cannot be measured separately for the product under investigation. All allocations are done as per the reference standards and the applied PCR. In this study, allocation has been done in the following ways:

Data type	Allocation
Raw materials	No allocation
Packaging material	No allocation
Ancillary materials	Not applicable
Manufacturing energy and waste	No allocation

PRODUCT & MANUFACTURING SITES GROUPING

Type of grouping	No grouping
Grouping method	Not applicable
Variation in GWP-fossil for A1-A3, %	-

This EPD is product and factory specific.

LCA SOFTWARE AND BIBLIOGRAPHY

This EPD has been created using One Click LCA EPD Generator for EPD Hub V3 and EPD System Verification v3.2.3. The LCA and EPD have been prepared according to the reference standards and ISO 14040/14044. The EPD Generator uses Ecoinvent v3.10.1/3.11 and One Click LCA databases as sources of environmental data. Allocation used in Ecoinvent 3.10.1/3.11 environmental data sources follow the methodology ‘allocation, Cut-off, EN 15804+A2‘. Statistics for incineration for wood is from Jordbruksverket: https://www.naturvardsverket.se/4a603c/globalassets/media/publikationer-pdf/7100/978-91-620-7161-5.pdf

ENVIRONMENTAL IMPACT DATA

The estimated impact results are only relative statements which do not indicate the end points of the impact categories, exceeding threshold values, safety margins or risks.

CORE ENVIRONMENTAL IMPACT INDICATORS – EN 15804+A2, EF 3.1

Impact category	Unit	A1	A2	A3	A1-A3	A4	A5	B1	B2	B3	B4	B5	B6	B7	C1	C2	C3	C4	D
GWP – total[1)]	kg CO_2e	-7,97E+02	6,40E+02	1,55E+00	-1,56E+02	2,29E+01	4,37E+01	ND	ND	ND	ND	ND	ND	ND	0,00E+00	3,56E+00	8,93E+02	0,00E+00	-2,35E+02
GWP – fossil	kg CO_2e	9,00E+01	6,39E+02	5,47E+00	7,35E+02	2,28E+01	3,97E+01	ND	ND	ND	ND	ND	ND	ND	0,00E+00	3,56E+00	5,82E+00	0,00E+00	-2,35E+02
GWP – biogenic	kg CO_2e	-8,87E+02	0,00E+00	-3,93E+00	-8,91E+02	4,59E-03	3,95E+00	ND	ND	ND	ND	ND	ND	ND	0,00E+00	0,00E+00	8,87E+02	0,00E+00	-1,73E-01
GWP – LULUC	kg CO_2e	0,00E+00	2,95E-01	3,58E-03	2,98E-01	8,20E-03	1,55E-02	ND	ND	ND	ND	ND	ND	ND	0,00E+00	1,28E-03	1,61E-03	0,00E+00	-2,01E-01
Ozone depletion pot.	kg CFC_{-11}e	1,21E-05	9,05E-06	4,84E-06	2,60E-05	4,55E-07	1,33E-06	ND	ND	ND	ND	ND	ND	ND	0,00E+00	7,08E-08	6,54E-08	0,00E+00	-2,09E-06
Acidification potential	mol H^+e	5,46E-01	8,85E+00	2,60E-02	9,42E+00	4,75E-02	4,78E-01	ND	ND	ND	ND	ND	ND	ND	0,00E+00	7,40E-03	6,04E-02	0,00E+00	-1,32E+00
EP-freshwater[2)]	kg Pe	7,60E-06	3,72E-02	1,06E-03	3,83E-02	1,54E-03	2,17E-03	ND	ND	ND	ND	ND	ND	ND	0,00E+00	2,40E-04	2,52E-03	0,00E+00	-8,18E-02
EP-marine	kg Ne	2,06E-01	2,33E+00	5,10E-03	2,54E+00	1,14E-02	1,30E-01	ND	ND	ND	ND	ND	ND	ND	0,00E+00	1,78E-03	3,21E-02	0,00E+00	-3,13E-01
EP-terrestrial	mol Ne	2,25E+00	2,57E+01	5,62E-02	2,80E+01	1,23E-01	1,43E+00	ND	ND	ND	ND	ND	ND	ND	0,00E+00	1,92E-02	3,08E-01	0,00E+00	-3,30E+00
POCP ("smog")[3)]	kg NMVOCe	5,92E-01	7,51E+00	1,89E-02	8,12E+00	7,91E-02	4,16E-01	ND	ND	ND	ND	ND	ND	ND	0,00E+00	1,23E-02	7,75E-02	0,00E+00	-9,04E-01
ADP-minerals & metals[4)]	kg Sbe	0,00E+00	1,49E-03	5,77E-05	1,55E-03	7,61E-05	8,28E-05	ND	ND	ND	ND	ND	ND	ND	0,00E+00	1,18E-05	1,19E-05	0,00E+00	-1,81E-04
ADP-fossil resources	MJ	1,56E+02	8,51E+03	1,94E+04	2,81E+04	3,21E+02	1,43E+03	ND	ND	ND	ND	ND	ND	ND	0,00E+00	5,01E+01	5,16E+01	0,00E+00	-2,55E+03
Water use[5)]	m^3e depr.	0,00E+00	3,31E+01	1,68E+00	3,48E+01	1,60E+00	2,64E+00	ND	ND	ND	ND	ND	ND	ND	0,00E+00	2,49E-01	1,22E+01	0,00E+00	-3,28E+01

1) GWP = Global Warming Potential; 2) EP = Eutrophication potential. Required characterisation method and data are in kg P-eq. Multiply by 3,07 to get PO4e; 3) POCP = Photochemical ozone formation; 4) ADP = Abiotic depletion potential; 5) EN 15804+A2 disclaimer for Abiotic depletion and Water use and optional indicators except Particulate matter and Ionizing radiation, human health. The results of these environmental impact indicators shall be used with care as the uncertainties on these results are high or as there is limited experience with the indicator.

USE OF NATURAL RESOURCES

Impact category	Unit	A1	A2	A3	A1-A3	A4	A5	B1	B2	B3	B4	B5	B6	B7	C1	C2	C3	C4	D
Renew. PER as energy[8)]	MJ	8,42E+03	9,55E+01	1,14E+02	8,62E+03	5,63E+00	4,02E+01	ND	ND	ND	ND	ND	ND	ND	0,00E+00	8,76E-01	-6,35E+03	0,00E+00	-1,38E+03
Renew. PER as material	MJ	4,24E+03	0,00E+00	3,45E+01	4,27E+03	0,00E+00	-3,45E+01	ND	ND	ND	ND	ND	ND	ND	0,00E+00	0,00E+00	-4,24E+03	0,00E+00	0,00E+00
Total use of renew. PER	MJ	1,27E+04	9,55E+01	1,48E+02	1,29E+04	5,63E+00	5,65E+00	ND	ND	ND	ND	ND	ND	ND	0,00E+00	8,76E-01	-1,06E+04	0,00E+00	-1,38E+03
Non-re. PER as energy	MJ	1,56E+02	8,51E+03	1,94E+02	8,86E+03	3,21E+02	4,53E+02	ND	ND	ND	ND	ND	ND	ND	0,00E+00	5,01E+01	5,16E+01	0,00E+00	-2,55E+03
Non-re. PER as material	MJ	0,00E+00	0,00E+00	1,74E+01	1,74E+01	0,00E+00	-1,74E+01	ND	ND	ND	ND	ND	ND	ND	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
Total use of non-re. PER	MJ	1,56E+02	8,51E+03	2,11E+02	8,88E+03	3,21E+02	4,35E+02	ND	ND	ND	ND	ND	ND	ND	0,00E+00	5,01E+01	5,16E+01	0,00E+00	-2,55E+03
Secondary materials	kg	4,99E-01	3,79E+00	1,42E-01	4,43E+00	1,49E-01	2,38E-01	ND	ND	ND	ND	ND	ND	ND	0,00E+00	2,32E-02	1,21E-01	0,00E+00	-1,64E-01
Renew. secondary fuels	MJ	3,36E-03	3,39E-02	3,13E-03	4,03E-02	1,89E-03	2,16E-03	ND	ND	ND	ND	ND	ND	ND	0,00E+00	2,94E-04	2,86E-04	0,00E+00	-2,39E-03
Non-ren. secondary fuels	MJ	0,00E+00	0,00E+00	3,07E-03	3,07E-03	0,00E+00	1,53E-04	ND	ND	ND	ND	ND	ND	ND	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
Use of net fresh water	m^3	0,00E+00	9,13E-01	1,55E-01	1,07E+00	4,38E-02	6,15E-02	ND	ND	ND	ND	ND	ND	ND	0,00E+00	6,82E-03	7,53E-02	0,00E+00	-7,74E-01

8) PER = Primary energy resources.

END OF LIFE – WASTE

Impact category	Unit	A1	A2	A3	A1-A3	A4	A5	B1	B2	B3	B4	B5	B6	B7	C1	C2	C3	C4	D
Hazardous waste	kg	1,67E+00	1,32E+01	2,62E-01	1,51E+01	4,67E-01	1,01E+00	ND	ND	ND	ND	ND	ND	ND	0,00E+00	7,28E-02	2,43E+00	0,00E+00	-2,23E+01
Non-hazardous waste	kg	1,46E+01	2,27E+02	8,09E+00	2,50E+02	9,86E+00	3,78E+01	ND	ND	ND	ND	ND	ND	ND	0,00E+00	1,54E+00	3,85E+02	0,00E+00	-3,95E+02
Radioactive waste	kg	5,56E-03	1,38E-03	2,23E-03	9,16E-03	1,03E-04	4,65E-04	ND	ND	ND	ND	ND	ND	ND	0,00E+00	1,60E-05	1,46E-05	0,00E+00	-2,75E-03

END OF LIFE – OUTPUT FLOWS

Impact category	Unit	A1	A2	A3	A1-A3	A4	A5	B1	B2	B3	B4	B5	B6	B7	C1	C2	C3	C4	D
Components for re-use	kg	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	ND	ND	ND	ND	ND	ND	ND	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
Materials for recycling	kg	0,00E+00	0,00E+00	1,36E-01	1,36E-01	0,00E+00	1,77E-01	ND	ND	ND	ND	ND	ND	ND	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
Materials for energy rec	kg	0,00E+00	0,00E+00	1,03E-02	1,03E-02	0,00E+00	2,38E+01	ND	ND	ND	ND	ND	ND	ND	0,00E+00	0,00E+00	3,75E+02	0,00E+00	0,00E+00
Exported energy	MJ	0,00E+00	0,00E+00	1,31E-01	1,31E-01	0,00E+00	1,29E+02	ND	ND	ND	ND	ND	ND	ND	0,00E+00	0,00E+00	8,39E+02	0,00E+00	0,00E+00
Exported energy – Electricity	MJ	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	5,42E+01	ND	ND	ND	ND	ND	ND	ND	0,00E+00	0,00E+00	8,39E+02	0,00E+00	0,00E+00
Exported energy – Heat	MJ	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	7,45E+01	ND	ND	ND	ND	ND	ND	ND	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00

ENVIRONMENTAL IMPACTS – EN 15804+A1, CML

Impact category	Unit	A1	A2	A3	A1-A3	A4	A5	B1	B2	B3	B4	B5	B6	B7	C1	C2	C3	C4	D
Global Warming Pot.	kg CO_2e	9,63E+01	6,36E+02	3,96E+00	7,37E+02	2,27E+01	3,98E+01	ND	ND	ND	ND	ND	ND	ND	0,00E+00	3,54E+00	5,76E+00	0,00E+00	-2,33E+02
Ozone depletion Pot.	kg CFC_{-11}e	1,23E-05	7,21E-06	9,97E-07	2,05E-05	3,62E-07	1,05E-06	ND	ND	ND	ND	ND	ND	ND	0,00E+00	5,64E-08	5,42E-08	0,00E+00	-2,15E-06
Acidification	kg SO_2e	4,06E-01	7,01E+00	1,58E-02	7,43E+00	3,82E-02	3,77E-01	ND	ND	ND	ND	ND	ND	ND	0,00E+00	5,95E-03	4,23E-02	0,00E+00	-1,07E+00
Eutrophication	kg PO_4^3e	6,96E-02	9,10E-01	5,18E-03	9,84E-01	9,64E-03	5,10E-02	ND	ND	ND	ND	ND	ND	ND	0,00E+00	1,50E-03	1,62E-02	0,00E+00	-1,48E-01
POCP (“smog”)	kg C_2H_4e	3,41E-02	3,87E-01	9,91E-04	4,22E-01	4,04E-03	2,16E-02	ND	ND	ND	ND	ND	ND	ND	0,00E+00	6,29E-04	3,36E-03	0,00E+00	-7,02E-02
ADP-elements	kg Sbe	0,00E+00	1,46E-03	1,12E-05	1,47E-03	7,43E-05	7,86E-05	ND	ND	ND	ND	ND	ND	ND	0,00E+00	1,16E-05	9,89E-06	0,00E+00	-1,77E-04
ADP-fossil	MJ	1,56E+02	8,43E+03	1,93E+04	2,79E+04	3,15E+02	1,42E+03	ND	ND	ND	ND	ND	ND	ND	0,00E+00	4,90E+01	5,06E+01	0,00E+00	-2,36E+03

ADDITIONAL INDICATOR – GWP-GHG

Impact category	Unit	A1	A2	A3	A1-A3	A4	A5	B1	B2	B3	B4	B5	B6	B7	C1	C2	C3	C4	D
GWP-GHG[9)]	kg CO_2e	9,00E+01	6,40E+02	5,47E+00	7,35E+02	2,29E+01	3,97E+01	ND	ND	ND	ND	ND	ND	ND	0,00E+00	3,56E+00	5,83E+00	0,00E+00	-2,35E+02

9) This indicator includes all greenhouse gases excluding biogenic carbon dioxide uptake and emissions and biogenic carbon stored in the product. In addition, the characterisation factors for the flows – CH4 fossil, CH4 biogenic and Dinitrogen monoxide – were updated. This indicator is identical to the GWP-total of EN 15804:2012+A2:2019 except that the characterisation factor for biogenic CO2 is set to zero.

SCENARIO DOCUMENTATION

DATA SOURCES

Manufacturing energy scenario documentation

1. Electricity Sweden, Sweden, Ecoinvent, 0.0050 kgCO2e/MJ

Transport scenario documentation - A4 (Transport resources)

1. Market for transport, freight, lorry 16-32 metric ton, EURO6, 321 km

Transport scenario documentation A4

Scenario parameter	Value
Capacity utilization (including empty return) %	50
Bulk density of transported products	0,00E+00
Volume capacity utilization factor	<1

Installation scenario documentation - A5 (Installation waste)

1. Treatment of waste wood, untreated, municipal incineration, Ecoinvent, Material för energiåtervinning, 21.25 kg
2. Exported Energy: Electricity, Ecoinvent, 47.566 MJ
3. Exported Energy: Electricity, Ecoinvent, 2.1268224 MJ
4. Exported Energy: Electricity, Ecoinvent, 4.495808 MJ
5. Exported Energy: Thermal, Ecoinvent, 65.40325 MJ
6. Exported Energy: Thermal, Ecoinvent, 2.9243808 MJ
7. Exported Energy: Thermal, Ecoinvent, 6.181736 MJ
8. Treatment of waste polyethylene terephthalate, municipal incineration, Ecoinvent, Material for energy recovery, 0.5792 kg
9. Treatment of waste packaging paper, municipal incineration, Ecoinvent, Material for energy recovery, 1.99 kg
10. Treatment of metal scrap, mixed, for recycling, unsorted, sorting, Ecoinvent, Material for energy recovery, 0.17 kg
11. Treatment of scrap steel, inert material landfill, Ecoinvent, 0.04 kg

End of life scenario documentation - C1-C4 (Data source)

1. Treatment of waste wood, untreated, municipal incineration, Ecoinvent, Materials for energy recovery, 375.0 kg
2. Exported Energy: Electricity, Ecoinvent, 839.4 MJ
3. Exported Energy: Thermal, Ecoinvent, 1154.175 MJ

Scenario information	Value
Scenario assumptions e.g. transportation	50 km by truck

THIRD-PARTY VERIFICATION STATEMENT

EPD Hub declares that this EPD is verified in accordance with ISO 14025 by an independent, third-party verifier. The project report on the Life Cycle Assessment and the report(s) on features of environmental relevance are filed at EPD Hub. EPD Hub PCR and ECO Platform verification checklist are used.

EPD Hub cannot identify any unjustified deviations from the PCR and EN 15804+A2 in the Environmental Product Declaration and its project report.

EPD Hub maintains its independence as a third-party body; it was not involved in the execution of the LCA or in the development of the declaration and has no conflicts of interest regarding this verification.

The company-specific data and upstream and downstream data have been examined as regards plausibility and consistency. The publisher is responsible for ensuring the factual integrity and legal compliance of this declaration.

The software used in creation of this LCA and EPD is verified by EPD Hub to conform to the procedural and methodological requirements outlined in ISO 14025:2010, ISO 14040/14044, EN 15804+A2, and EPD Hub Core Product Category Rules and General Program Instructions.

Verified tools

Tool verifier: Magaly Gonzalez Vazquez
Tool verification validity: 27 March 2025 - 26 March 2028 Sarah Curpen, as authorized verifier acting for EPD HUB Limited

04.02.2026