Environmental
Product
Declaration

In accordance with ISO 14025 and EN 15804+A2 and EN 16485 for:

Wood flooring – TARKETT Serbia

Programme:	The International EPD® System, www.environdec.com
Programme operator:	EPD International AB
EPD registration number:	S-P-06154
Publication date:	2022-06-30
Revision date:	
Valid until:	2027-07-01

An EPD should provide current information and may be updated if conditions change. The stated validity is therefore subject to the continued registration and publication at www.environdec.com

General information

Programme information

Programme:	The International EPD® System
Address:	EPD International AB Box 210 60 SE-100 31 Stockholm Sweden
Website:	www.environdec.com
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CEN standard EN 15804+A2 and EN 16485 serve as the Core Product Category Rules (PCR)
Product category rules (PCR): C-PCR-006 (TO PCR 2019:14)
PCR review was conducted by: *The Technical Committee of the International EPD® System lead by Claudia A. Pena. A full list of members available on www.environdec.com. The review panel may be contacted via info@environdec.com."*
Independent third-party verification of the declaration and data, according to ISO 14025:2006: ☐ EPD process certification ☒ EPD verification
Third party verifier: Bureau Veritas Certification Sweden AB ackreditation number 1236, verifier Camilla Landén
Procedure for follow-up of data during EPD validity involves third party verifier: ☒ Yes ☐ No

The EPD owner has the sole ownership, liability, and responsibility for the EPD.

EPDs within the same product category but from different programs may not be comparable. EPD of construction products may not be comparable if they do not comply with EN 15804 +A2. For further information about comparability, see EN 15804 + A2 and ISO 14025 standards.

The CEN standard EN 16810 serves as the core PCR. In addition, C-PCR-004 (TO PCR 2019:14) and C-PCR-006 (TO PCR 2019:14) English version from December 20, 2019 is used.

Company information:

Owner of the EPD: Tarkett DOO

Contact: Snezana Bosnjak Šakić; Snezana.BosnjakSakic@tarkett.com, Tarkett DOO, Industrijska Zona 14, 21400 Bačka Palanka, Serbia

Description of the organisation:

With an international coverage and a wide range of products, Tarkett has over 130 years of experience in providing integrated solutions for floorings to professionals and end users.
Many of the most important architectural firms in the world and building professionals have chosen Tarkett for the value of its products and for its consultation and service abilities. Therefore, Tarkett floorings and sport surfaces are present in several prestigious architectural reference points. Tarkett offers integrated solutions for floorings, able to meet the needs of customers. Our wide range of designs, colours and models provides an infinite series of possibilities, contributing to create a positive environment and a better quality of life for people.
Tarkett operates with the utmost respect for the environment towards the realization of eco-friendly products.
Tarkett's commitment to the environment is woven throughout its business. Cradle-to-Cradle principles are, in fact, the basis of the design and production of every solution. Particularly, the lifecycle analysis is used to continuously improve the production process, and so the products until their use stage, disposal and recycling. The development of products that can be reused within internal production cycles, or external ones in case of other individuals, has been an integral part of the business strategy aimed at sustainability for many years. The WCM (World Class Manufacturing) management system has been developed in 2009, and it includes the environmental pillar aimed to the elimination of losses and to the growth of process efficiency.

This document applies to the average wood flooring manufactured by Tarkett DOO, at the plant Bačka Palanka, Serbia.

Product-related or management system-related certifications: ISO 9001, ISO 14001, ISO 45001, ISO 50001, WCM manufacturing site.

Name and location of production site(s): Backa Palanka, Serbia

Product information

Product name: Tango, Tango Art, Tango Classic, Salsa, Salsa Art, Salsa Premium, Salsa Art Vision, STEP XL&L, Rumba, Allegro, Samba, Bolero, Professional, Klassika, Sommer Europarquet, Sinteros Europarquet, Sommer Europlank, Sinteros Europlank, Timber, Timber plank, Ingenio, Ingenio Plank, Privilege, Sport Wood, IDEO

Product identification: Wood floor coverings (EN 13489:2017)

Product description: Wood collection is a flooring developed by Tarkett. Engineered from multiple layers of hardwood for increased stability, each floor is easy to install and designed for long-lasting resistance.

From total annual wood purchase around 60% is declared as FSC or PEFC certified. After years of use, these floors can be removed and reused or recycled.

Geography: European technology and process coverage.

UN CPC code : APE/NAF – 1622Z

Life Cycle Asessment

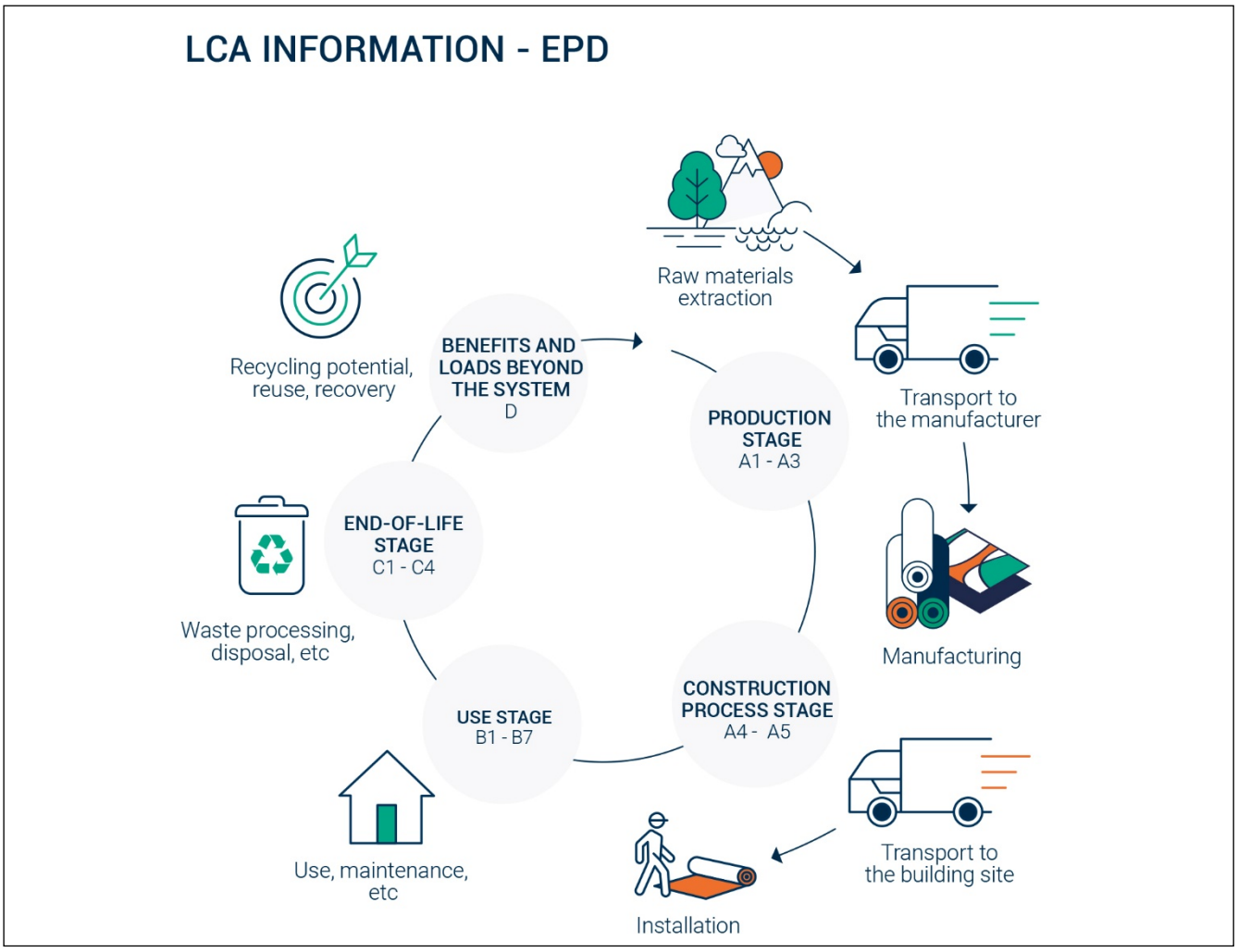
Functional unit / declared unit: 1m2 of floor covering with a reference service life (RSL) of 40 year for specified characteristics application and use areas according to EN 13489:2017 and EN 14342:2013.

Time representativeness: 2021

Database(s) and LCA software used: Ecoinvent 3.6, Simapro 9.3.0.3.

Description of system boundaries: Includes a cradle-to grave consideration of the occurring environmental impact with modules C1 – C4 and the calculation of module D (A1-A5, B2, +C, +D).
Estimates and assumptions: Assumptions and estimates are used in the absence of a representative background data set to represent environmental impact of certain raw materials and processes. All assumptions are supported with detailed documentation and correspond to the best possible to the best possible representation of reality given the available data.
Cut-off criteria: All inputs and outputs for which data are available and from which a significant contribution can be expected are included in the LCA model. Only data with a contribution less than 1% were removed. Neglecting these data can be justified by the limited effect to be expected.
Data quality: The data was collected via excel spreadsheets specifically created by Tarkett. Questions are answered through an iterative process in writing via e-mail, phone, or in person. When specific data was missing generic data set, or a representative average were used.

System diagram:



	Product stage			Construction process stage		Use stage							End of life stage				Resource recovery stage
	Raw material supply	Transport	Manufacturing	Transport	Construction installation	Use	Maintenance	Repair	Replacement	Refurbishment	Operational energy use	Operational water use	De-construction demolition	Transport	Waste processing	Disposal	Reuse-Recovery-Recycling-potential
Module	**A1**	**A2**	**A3**	**A4**	**A5**	**B1**	**B2**	**B3**	**B4**	**B5**	**B6**	**B7**	**C1**	**C2**	**C3**	**C4**	**D**
Modules declared	X			X		MND	X	MND	MND	MND	MND	MND	X	X	X	X	X
Geography	European technology and process coverage																-
Specific data used	-	100%	100%	75%	75%	-	-	-	-	-	-	-	-	-	19% Incineration 81% landfill		-
Variation – products	-5% to 5%			-	-	-	-	-	-	-	-	-	-	-	-	-	-
Variation – sites	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-

X: Module included in the study
MND : Module not declared

Manufacturing and Packaging (A1 – A3)

The raw material is sourced from hundreds of forest owners. The material is sawn and dried for core and top layer material. The surface material is graded, lacquered or oiled, brushed, scrapped etc. Profilling of the board is made. Final inspection and then packing of flooring then placed in our warehouse and shipped to customer.

Transport and Installation (A4 – A5)

Transportation of warehouse material is shipped to customers. Initially, shipment is by truck/lorry to end-user customer. (A4) covers all transport from the factory to the final customer. Installing a wood floor from Tarkett is quick and simple and without glue. Environmental impacts from installation into the building (A5) include the product installation losses and packaging waste of the product.

Maintenance (B2)

For the calculations the cleaning regime including vacuuming (twice a week) and wet cleaning (twice week) is considered. The cleaning regime used in the calculations is suitable for high traffice areas. Air, water and electricity impacts during use phase are calculated.

Product end of life-cycle (C1-C4, D)

All of the end-of-life product is assumed to be sent to the closest facility. End-of-life scenarios for wood products include incineration with energy recovery as well as landfill. The transport between a construction site and waste/energy facility is by truck.

LCA Interpretation: For the global warming potential (GWP) during the production phase (Module A1 – A3) of Tarkett wood floor, the total is a negative value. This is due to the material use of wood in the products. While a tree is growing, the wood stores carbon dioxide as biogenic carbon (negative greenhouse potential) and therefore does not have a greenhouse effect as long as it is stored in the product. Upon the energy utilization at the end of product life cycle (Module C3) does the stored carbon leave the product system as a material-specific charachteristic of the secondary fuel. The energy utilization of scrap wood was modelled CO2 neutral.

Content information

Twenty-seven collection have been split in eight Products Group depending on their construction and wood specie. The functional unit used for this study is: **« 1m² of floor covering with a reference service life (RSL) of 40 year for specified characteristics application and use areas according to EN 13489 and EN 14342 »** The specific characteristics may be found in the following table:

Products Group	Products collections – Commercial name	Thickness (mm)	Mass (kg/m²)	RSL (year)	Function
BP Ash 13mm	SOMMER EUROPARQUET. SINTEROS EUROPARQUET. SINTEROS EUROPLANK. SOMMER EUROPLANK. TIMBER	13.2mm	7.11	40	Wood floor
BP Ash 14mm	SALSA. SALSA ART. SALSA PREMIUM. SALSA ART VISION. TANGO. TANGO ART. RUMBA. SAMBA. BOLERO. SPORT WOOD 14 MM CL	14mm	7.28		
BP Ash 14/2.8m	STEP XL&L. TANGO CLASSIC. ALLEGRO. PRIVILEGE	14mm	7.79		
BP Oak 12.6mm	KLASSIKA	12.6mm	7.12		
BP Oak 13.2mm	SOMMER EUROPARQUET. SINTEROS EUROPARQUET. SINTEROS EUROPLANK. SOMMER EUROPLANK. TIMBER. TIMBER PLANK. INGENIO. INGENIO PLANK	13.2mm	7.21		
BP Oak 14mm	SALSA. SALSA ART. SALSA PREMIUM. SALSA ART VISION. TANGO. TANGO ART. RUMBA. SAMBA. BOLERO. SPORT WOOD 14 MM CL	14mm	7.48		
BP Oak 14/2.8mm	STEP XL&L. TANGO CLASSIC. ALLEGRO. PRIVILEGE. IDEO. PROFFESIONAL	14mm	7.85		
BP American Walnut	SALSA	14mm	7.45		

The components for the representative products are detailed in table below:

	The components for each representative product [kg/m2]			
Representative products	**Wood layers**	**Adhesive – Urea formaldehyde**	**Putty**	**Surface coating**
BP Ash 13mm	6.45	0.275	0.0012	0.08
BP Ash 14mm	6.60	0.275	0.0012	0.105
BP Ash 14/2.8m	7.11	0.275	0.0012	0.105
BP Oak 12.6mm	6.47	0.275	0.0012	0.075
BP Oak 13.2mm	6.55	0.275	0.0012	0.08
BP Oak 14mm	6.80	0.275	0.0012	0.105
BP Oak 14/2.8mm	7.17	0.275	0.0012	0.105
BP Walnut	6.67	0.275	0.0012	0.105

Product manufacturing

Production process

The production of the wood flooring is divided into the following stages:

- Wood layer production: Wear layers are produced from hardwood timber and the rib-core for the middle layer is produced from softwood timber.
- Pressing: Different wood layers are pressed into the multilayer wood flooring.
- Cutting: The planks are cut at the desired characteristics.
- Coating: The planks are coated to protect the wear layer against wear and tear.
- Profiling: Milling the profile for the locking system "TC-lock"
- Packaging: The final product is bundled with plastic strip. wrapped with cardboard banderols and covered with shrink foil. Paper inlays are included. The boxes are placed on wooden spacers or wooden pallets.

- **AIR EMISSIONS AND WATER EMISSIONS**

  Data for AIR and water emission is calculated for m2 of product.

Packaging material	Mass/m2	Unit	Ecoinvent Module
CO2	2.96E-04	kg/m2 of product	Carbon dioxide
NOx	2.11E-07	kg/m2 of product	Nitrogen oxides
BOD5	4.23E+02	mg/m2 of product	BOD5 (Biological Oxygen demand)

Table 1: Air and water emissions

Production waste

Waste type	Amount	Unit
Hazardous waste to external recycling	6.00E-02	kg/m²
Non-hazardous waste to external recycling	6.30E-02	kg/m²
Hazardous wastewater to external treatment	6.00E-04	kg/m²

During the production process we generate the following waste categories:

- Hazardous waste to external recycling (packaging. contaminated cleaning mops. lack)
- Non-hazardous waste to external recycling (packaging- paper. foil)
- Hazardous wastewater to external treatment - process of neutralization to non-hazardous waste and then disposed of in a landfill.

Packaging

Type	Average	Unit
Foil	5.30E-02	kg/m^2 of product
Cardboard	5.10E-02	kg/m^2 of product
Inlay	1.00E-02	kg/m^2 of product
Sticker	8.00E-03	kg/m^2 of product
Plastic Strips	1.20E-01	kg/m^2 of product
Wooden Pallet	4.50E-02	kg/m^2 of product

Health, safety and environmental aspects during production

Wood flooring production site in Backa Palanka. Serbia complies with the ISO 14001:2015 - Environmental Management System, ISO 50001:2018 - Energy Management System, ISO 45001:2018 - Occupational Health and Safety and ISO 9001:2015 - Quality Management System.

Delivery and installation

Delivery

The average distribution distance between the factory and the installation site is 700.24 km. It has been calculated considering the total 2021 sales on 4 largest markets in Eastern Europe and Russia that accounts for 95% of total sales. The distribution is made by truck.

Installation

The product is designed for floating installation on a subfloor. thus the flooring products are locked together. and no glue is needed for the installation. Electricity consumption is considered for the plank cutting.

Description	Amount	Unit
Electricity consumption	2.00E-02	kWh/m²

Waste

During the installation approximately 5% of the flooring is lost as off-cuts. These flooring losses are sent to landfill.

Packaging

Tarkett company manages the packaging materials in accordance with national law and regulations. Our company is obligated to achieve the national goals prescribed by the competent ministry. For 2021 the national goals of Republic of Serbia were 64% for paper, wood 19% and 34% for plastic materials (foil), for collecting and then recycling process. We achieved our goals through the operator Cenex who is one of 6 authorized operators for packaging waste management.

Use Stage

Reference Service Life (RSL)

For this product. the stated RSL is 40 year. It should be noted. however. that the service life of a Wood floor covering may vary depending on the amount and nature of floor traffic and the type and frequency of maintenance. The manufacturer has provided this service life on the basis of his experience of flooring manufacture and supply. This RSL is applicable as long as the product use complies with that defined by EN 13489:2017 and EN 14342:2013.

Cleaning and maintenance

Cleaning regime is based on traditional cleaning protocol integrating manual and mechanical operations. Depending on premises considered. these consumptions may vary. The considered regime fits high traffic areas. The maintenance scenario is :

- **Common maintenance : 2 cleaning / week**
- **Periodic maintenance : 2 refresher / year**

Description	Amount	Unit
Electricity consumption	2.00E-01	kWh/year/m^2
Water consumption	1.45E+00	L/year/m^2
Detergent consumption	2.56E-01	L/year/m^2

Prevention of structural damage

To avoid excessive wear usage should be restricted to the stated areas of application as outlined by the manufacturer when well maintained.

End of Life

Incineration and Landfilling

As 19% of Parquet is sold in European Union countries this model assumes that 19% of parquet ends up in incineration proccess and 81% in landfills.

Results for representative products groups

Environmental Information

Environmental Information BP Oak 14mm

Potential environmental impact per functional unit

Results per functional or declared unit – BP Oak 14mm																
Indicator	**Unit**	**A1-A3**	**A4**	**A5**	**B1**	**B2**	**B3**	**B4**	**B5**	**B6**	**B7**	**C1**	**C2**	**C3**	**C4**	**D**
GWP-total	kg CO2 eq	-3.87E+00	1.71E-01	5.36E-01	0.00E+00	1.51E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.59E-02	2.17E+00	5.59E-01	-2.72E+00
GWP-fossil	kg CO2 eq	5.72E+00	1.71E-01	3.63E-01	0.00E+00	1.41E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.59E-02	1.26E-02	6.28E-02	-7.54E-02
GWP- biogenic	kg CO2 eq	-9.61E+00	6.92E-05	1.73E-01	0.00E+00	6.25E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-05	2.15E+00	4.96E-01	-2.65E+00
GWP- Luluc	kg CO2 eq	1.38E-02	6.82E-05	7.23E-04	0.00E+00	8.62E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-05	4.44E-06	6.51E-05	-6.95E-05
ODP	kg CFC11 eq	7.31E-07	3.95E-08	4.18E-08	0.00E+00	1.12E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.31E-09	1.46E-09	1.87E-08	-2.02E-08
AP	mol H+ eq	3.64E-02	4.85E-04	2.06E-03	0.00E+00	9.34E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.46E-04	4.23E-04	5.30E-04	-9.53E-04
EP-freshwater	kg P eq	2.63E-03	1.12E-05	1.44E-04	0.00E+00	7.08E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.31E-06	8.20E-06	1.37E-05	-2.19E-05
EP-marine	kg N eq	8.98E-03	9.84E-05	6.51E-04	0.00E+00	2.95E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.39E-05	2.11E-04	2.20E-03	-2.41E-03
EP-terrestrial	mol N eq	9.41E-02	1.07E-03	5.64E-03	0.00E+00	2.08E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.80E-04	2.28E-03	1.97E-03	-4.25E-03
POCP	kg NMVOC eq	2.92E-02	4.12E-04	1.74E-03	0.00E+00	4.80E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.47E-04	5.95E-04	7.05E-04	-1.30E-03
ADP-minerals&metals*	kg Sb eq	4.67E-05	6.05E-07	2.49E-06	0.00E+00	1.55E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.25E-07	4.59E-08	2.07E-07	-2.53E-07
ADP-fossil*	MJ	9.98E+01	2.59E+00	5.51E+00	0.00E+00	2.99E+02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.43E-01	1.29E-01	1.46E+00	-1.59E+00
WDP	m3 depriv.	3.85E+00	7.62E-03	2.00E-01	0.00E+00	1.32E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.57E-03	2.90E-03	6.29E-02	-6.58E-02
Acronyms	GWP-fossil = Global Warming Potential fossil fuels; GWP-biogenic = Global Warming Potential biogenic; GWP-luluc = Global Warming Potential land use and land use change; ODP = Depletion potential of the stratospheric ozone layer; AP = Acidification potential. Accumulated Exceedance; EP-freshwater = Eutrophication potential. fraction of nutrients reaching freshwater end compartment; EP-marine = Eutrophication potential. fraction of nutrients reaching marine end compartment; EP-terrestrial = Eutrophication potential. Accumulated Exceedance; POCP = Formation potential of tropospheric ozone; ADP-minerals&metals = Abiotic depletion potential for non-fossil resources; ADP-fossil = Abiotic depletion for fossil resources potential; WDP = Water (user) deprivation potential. deprivation-weighted water consumption															

Potential environmental impact

Results per functional or declared unit – BP Oak 14mm															
Indicator	**Unit**	**A1-A3**	**A4**	**A5**	**B1**	**B2**	**B3**	**B4**	**B5**	**B6**	**B7**	**C1/1**	**C2/1**	**C3/1**	**C4/1**	**D**
PERE	MJ	2.58E+02	3.70E-02	1.29E+01	0.00E+00	-2.73E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.65E-03	5.75E-03	2.66E-02	-3.24E-02
PERM	MJ	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E+02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
PERT	MJ	2.58E+02	3.70E-02	1.29E+01	0.00E+00	8.31E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.65E-03	5.75E-03	2.66E-02	-3.24E-02
PENRE	MJ	9.96E+01	2.59E+00	5.49E+00	0.00E+00	2.98E+02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.43E-01	1.29E-01	1.46E+00	-1.59E+00
PENRM	MJ.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
PENRT	MJ	9.96E+01	2.59E+00	5.49E+00	0.00E+00	2.98E+02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.43E-01	1.29E-01	1.46E+00	-1.59E+00
SM	kg	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
RSF	MJ	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
NRSF	MJ	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
FW	m^3	1.02E-01	9.96E-05	5.53E-03	0.00E+00	3.77E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.05E-05	5.76E-04	1.23E-03	-1.81E-03
Acronyms	PERE = Use of renewable primary energy excluding renewable primary energy resources used as raw materials; PERM = Use of renewable primary energy resources used as raw materials; PERT = Total use of renewable primary energy resources; PENRE = Use of non-renewable primary energy excluding non-renewable primary energy resources used as raw materials; PENRM = Use of non-renewable primary energy resources used as raw materials; PENRT = Total use of non-renewable primary energy re-sources; SM = Use of secondary material; RSF = Use of renewable secondary fuels; NRSF = Use of non-renewable secondary fuels; FW = Use of net fresh water														

Waste production and output flows

Results per functional or declared unit – BP Oak 14mm															
Indicator	**Unit**	**A1-A3**	**A4**	**A5**	**B1**	**B2**	**B3**	**B4**	**B5**	**B6**	**B7**	**C1**	**C2**	**C3**	**C4**	**D**
Hazardous waste disposed	kg	1.86E-01	1.90E-03	1.51E-02	0.00E+00	6.42E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.92E-04	1.25E-02	2.02E-03	-1.45E-02
Non-hazardous waste disposed	kg	2.93E+00	1.50E-01	2.27E-01	0.00E+00	6.27E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.10E-02	6.23E-03	5.86E+00	-5.87E+00
Radioactive waste disposed	kg	2.97E-04	1.75E-05	1.82E-05	0.00E+00	9.89E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.67E-06	3.01E-07	8.66E-06	-8.96E-06

Output flows

Results per functional or declared unit – BP Oak 14mm																
Indicator	Unit	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Material for recycling	kg	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Materials for energy recovery	kg	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Exported energy. thermal	MJ	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Additional Indicators

Results per functional or declared unit – BP Oak 14mm																
Indicator	Unit	A1-A3	A4	A5	B1	B2	B3	B4	B5	B6	B7	C1	C2	C3	C4	D
Particulate matter	disease inc.	1.03E-06	1.08E-08	5.41E-08	0.00E+00	6.88E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.49E-09	3.32E-09	1.02E-08	-1.35E-08
Ionising radiation	kBq U-235 eq	4.62E-01	1.33E-02	2.97E-02	0.00E+00	3.21E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.79E-03	4.93E-04	6.92E-03	-7.42E-03
Ecotoxicity. freshwater	CTUe	1.41E+02	2.03E+00	7.81E+00	0.00E+00	4.45E+02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.24E-01	2.92E-01	1.43E+00	-1.72E+00
Human toxicity. cancer	CTUh	1.70E-08	6.53E-11	9.76E-10	0.00E+00	1.32E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-11	4.07E-10	4.66E-11	-4.53E-10
Human toxicity. non-cancer	CTUh	1.05E-07	2.05E-09	6.32E-09	0.00E+00	2.99E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.44E-10	1.19E-09	1.47E-09	-2.66E-09
Land use	Pt	3.13E+03	2.63E+00	1.57E+02	0.00E+00	3.16E+02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.43E-01	5.33E-02	5.27E+00	-5.32E+00

Results per functional or declared unit– BP Oak 14mm																
Indicator	Unit	A1-A3	A4	A5	B1	B2	B3	B4	B5	B6	B7	C1/1	C2/1	C3/1	C4/1	D
GWP-GHG[1]	kg CO_2 eq.	5.74E+00	1.71E-01	3.63E-01	0.00E+00	1.50E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.59E-02	1.26E-02	6.29E-02	-7.55E-02

Environmental Information BP Oak 13mm

Potential environmental impact

Results per functional or declared unit – BP Oak 13mm																
Indicator	**Unit**	**A1-A3**	**A4**	**A5**	**B1**	**B2**	**B3**	**B4**	**B5**	**B6**	**B7**	**C1**	**C2**	**C3**	**C4**	**D**
GWP-total	kg CO_2 eq.	-4.20E+00	1.65E-01	5.02E-01	0.00E+00	1.51E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.45E-02	2.08E+00	5.37E-01	-2.62E+00
GWP-fossil	kg CO_2 eq.	5.10E+00	1.64E-01	3.34E-01	0.00E+00	1.41E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.45E-02	1.21E-02	6.04E-02	-7.25E-02
GWP- biogenic	kg CO_2 eq.	-9.31E+00	6.67E-05	1.67E-01	0.00E+00	6.25E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.38E-05	2.07E+00	4.77E-01	-2.54E+00
GWP- Luluc	kg CO_2 eq.	1.31E-02	6.58E-05	6.89E-04	0.00E+00	8.62E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-05	4.27E-06	6.26E-05	-6.68E-05
ODP	kg CFC 11 eq.	6.89E-07	3.81E-08	4.00E-08	0.00E+00	1.12E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.99E-09	1.40E-09	1.80E-08	-1.94E-08
AP	mol H^+ eq.	3.34E-02	4.67E-04	1.92E-03	0.00E+00	9.34E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-04	4.07E-04	5.09E-04	-9.16E-04
EP-freshwater	kg P eq	2.48E-03	1.08E-05	1.37E-04	0.00E+00	7.08E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.22E-06	7.88E-06	1.32E-05	-2.10E-05
EP-marine	kg N eq.	8.41E-03	9.49E-05	6.24E-04	0.00E+00	2.95E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.22E-05	2.03E-04	2.11E-03	-2.31E-03
EP-terrestrial	mol N eq.	8.79E-02	1.03E-03	5.33E-03	0.00E+00	2.08E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.61E-04	2.19E-03	1.89E-03	-4.08E-03
POCP	kg NMVOC eq.	2.70E-02	3.98E-04	1.63E-03	0.00E+00	4.80E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-04	5.72E-04	6.78E-04	-1.25E-03
ADP-minerals&metals*	kg Sb eq.	3.97E-05	5.84E-07	2.15E-06	0.00E+00	1.55E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.20E-07	4.41E-08	1.99E-07	-2.43E-07
ADP-fossil*	MJ	8.22E+01	2.49E+00	4.66E+00	0.00E+00	2.99E+02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.22E-01	1.24E-01	1.40E+00	-1.53E+00
WDP	m^3	3.07E+00	7.35E-03	1.62E-01	0.00E+00	1.32E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.51E-03	2.78E-03	6.04E-02	-6.32E-02
Acronyms	GWP-fossil = Global Warming Potential fossil fuels; GWP-biogenic = Global Warming Potential biogenic; GWP-luluc = Global Warming Potential land use and land use change; ODP = Depletion potential of the stratospheric ozone layer; AP = Acidification potential. Accumulated Exceedance; EP-freshwater = Eutrophication potential. fraction of nutrients reaching freshwater end compartment; EP-marine = Eutrophication potential. fraction of nutrients reaching marine end compartment; EP-terrestrial = Eutrophication potential. Accumulated Exceedance; POCP = Formation potential of tropospheric ozone; ADP-minerals&metals = Abiotic depletion potential for non-fossil resources; ADP-fossil = Abiotic depletion for fossil resources potential; WDP = Water (user) deprivation potential. deprivation-weighted water consumption															

Potential environmental impact

Results per functional or declared unit – BP Oak 13mm																
Indicator	**Unit**	**A1-A3**	**A4**	**A5**	**B1**	**B2**	**B3**	**B4**	**B5**	**B6**	**B7**	**C1/1**	**C2/1**	**C3/1**	**C4/1**	**D**
PERE	MJ	2.52E+02	3.56E-02	1.27E+01	0.00E+00	-2.73E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.35E-03	5.53E-03	2.56E-02	-3.11E-02
PERM	MJ	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E+02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
PERT	MJ	2.52E+02	3.56E-02	1.27E+01	0.00E+00	8.31E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.35E-03	5.53E-03	2.56E-02	-3.11E-02
PENRE	MJ	8.20E+01	2.49E+00	4.64E+00	0.00E+00	2.98E+02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.22E-01	1.24E-01	1.40E+00	-1.53E+00
PENRM	MJ.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
PENRT	MJ	8.20E+01	2.49E+00	4.64E+00	0.00E+00	2.98E+02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.22E-01	1.24E-01	1.40E+00	-1.53E+00
SM	kg	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
RSF	MJ	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
NRSF	MJ	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
FW	m^3	8.79E-02	9.60E-05	4.83E-03	0.00E+00	3.77E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.97E-05	5.54E-04	1.18E-03	-1.74E-03
Acronyms	PERE = Use of renewable primary energy excluding renewable primary energy resources used as raw materials; PERM = Use of renewable primary energy resources used as raw materials; PERT = Total use of renewable primary energy resources; PENRE = Use of non-renewable primary energy excluding non-renewable primary energy resources used as raw materials; PENRM = Use of non-renewable primary energy resources used as raw materials; PENRT = Total use of non-renewable primary energy re-sources; SM = Use of secondary material; RSF = Use of renewable secondary fuels; NRSF = Use of non-renewable secondary fuels; FW = Use of net fresh water															

Waste production and output flows

Results per functional or declared unit – BP Oak 13mm															
Indicator	**Unit**	**A1-A3**	**A4**	**A5**	**B1**	**B2**	**B3**	**B4**	**B5**	**B6**	**B7**	**C1**	**C2**	**C3**	**C4**	**D**
Hazardous waste disposed	kg	1.65E-01	1.83E-03	1.40E-02	0.00E+00	6.42E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.77E-04	1.20E-02	1.94E-03	-1.39E-02
Non-hazardous waste disposed	kg	2.78E+00	1.45E-01	2.22E-01	0.00E+00	6.27E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.98E-02	5.99E-03	5.63E+00	-5.64E+00
Radioactive waste disposed	kg	2.84E-04	1.68E-05	1.77E-05	0.00E+00	9.89E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.53E-06	2.89E-07	8.32E-06	-8.61E-06

Output flows

Results per functional or declared unit – BP Oak 13mm																
Indicator	Unit	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Material for recycling	kg	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Materials for energy recovery	kg	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Exported energy. thermal	MJ	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Additional Indicators

Results per functional or declared unit – BP Oak 13mm																
Indicator	Unit	A1-A3	A4	A5	B1	B2	B3	B4	B5	B6	B7	C1	C2	C3	C4	D
Particulate matter	disease inc.	9.99E-07	1.04E-08	5.24E-08	0.00E+00	6.88E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.39E-09	3.19E-09	9.82E-09	-1.30E-08
Ionising radiation	kBq U-235 eq	4.11E-01	1.28E-02	2.75E-02	0.00E+00	3.21E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.68E-03	4.73E-04	6.66E-03	-7.13E-03
Ecotoxicity. freshwater	CTUe	1.29E+02	1.96E+00	7.22E+00	0.00E+00	4.45E+02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.07E-01	2.81E-01	1.37E+00	-1.66E+00
Human toxicity. cancer	CTUh	1.42E-08	6.29E-11	8.32E-10	0.00E+00	1.32E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-11	3.91E-10	4.48E-11	-4.36E-10
Human toxicity. non-cancer	CTUh	9.72E-08	1.98E-09	5.96E-09	0.00E+00	2.99E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.27E-10	1.14E-09	1.41E-09	-2.55E-09
Land use	Pt	3.09E+03	2.54E+00	1.55E+02	0.00E+00	3.16E+02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.22E-01	5.12E-02	5.07E+00	-5.12E+00

Additional indicator

Results per functional or declared unit – BP Oak 13mm																
Indicator	Unit	A1-A3	A4	A5	B1	B2	B3	B4	B5	B6	B7	C1/1	C2/1	C3/1	C4/1	D
GWP-GHG[1]	kg CO_2 eq.	5.11E+00	1.64E-01	3.35E-01	0.00E+00	1.50E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.45E-02	1.21E-02	6.04E-02	-7.26E-02

Environmental Information BP Oak 14/2.8mm

Potential environmental impact

Results per functional or declared unit – BP Oak 14/2.8mm																
Indicator	**Unit**	**A1-A3**	**A4**	**A5**	**B1**	**B2**	**B3**	**B4**	**B5**	**B6**	**B7**	**C1**	**C2**	**C3**	**C4**	**D**
GWP-total	kg CO_2 eq.	-5.20E+00	1.79E-01	4.85E-01	0.00E+00	1.51E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.78E-02	2.28E+00	5.87E-01	-2.87E+00
GWP-fossil	kg CO_2 eq.	5.34E+00	1.79E-01	3.35E-01	0.00E+00	1.41E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.77E-02	1.33E-02	6.61E-02	-7.93E-02
GWP- biogenic	kg CO_2 eq.	-1.06E+01	7.26E-05	1.49E-01	0.00E+00	6.25E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.51E-05	2.27E+00	5.21E-01	-2.79E+00
GWP- Luluc	kg CO_2 eq.	1.79E-02	7.16E-05	9.26E-04	0.00E+00	8.62E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.48E-05	4.67E-06	6.84E-05	-7.31E-05
ODP	kg CFC 11 eq.	6.53E-07	4.15E-08	3.80E-08	0.00E+00	1.12E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.74E-09	1.54E-09	1.97E-08	-2.12E-08
AP	mol H^+ eq.	3.64E-02	5.09E-04	2.07E-03	0.00E+00	9.34E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.53E-04	4.45E-04	5.57E-04	-1.00E-03
EP-freshwater	kg P eq	2.63E-03	1.17E-05	1.44E-04	0.00E+00	7.08E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.43E-06	8.63E-06	1.44E-05	-2.30E-05
EP-marine	kg N eq.	9.41E-03	1.03E-04	6.66E-04	0.00E+00	2.95E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.61E-05	2.22E-04	2.31E-03	-2.53E-03
EP-terrestrial	mol N eq.	9.74E-02	1.13E-03	5.82E-03	0.00E+00	2.08E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.04E-04	2.39E-03	2.07E-03	-4.47E-03
POCP	kg NMVOC eq.	2.95E-02	4.33E-04	1.76E-03	0.00E+00	4.80E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E-04	6.26E-04	7.41E-04	-1.37E-03
ADP-minerals&metals*	kg Sb eq.	4.25E-05	6.35E-07	2.28E-06	0.00E+00	1.55E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.31E-07	4.82E-08	2.18E-07	-2.66E-07
ADP-fossil*	MJ	8.70E+01	2.72E+00	4.88E+00	0.00E+00	2.99E+02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.71E-01	1.35E-01	1.54E+00	-1.67E+00
WDP	m^3	3.61E+00	8.00E-03	1.88E-01	0.00E+00	1.32E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.65E-03	3.04E-03	6.61E-02	-6.91E-02
Acronyms	GWP-fossil = Global Warming Potential fossil fuels; GWP-biogenic = Global Warming Potential biogenic; GWP-luluc = Global Warming Potential land use and land use change; ODP = Depletion potential of the stratospheric ozone layer; AP = Acidification potential. Accumulated Exceedance; EP-freshwater = Eutrophication potential. fraction of nutrients reaching freshwater end compartment; EP-marine = Eutrophication potential. fraction of nutrients reaching marine end compartment; EP-terrestrial = Eutrophication potential. Accumulated Exceedance; POCP = Formation potential of tropospheric ozone; ADP-minerals&metals = Abiotic depletion potential for non-fossil resources; ADP-fossil = Abiotic depletion for fossil resources potential; WDP = Water (user) deprivation potential. deprivation-weighted water consumption															

Potential environmental impact

Results per functional or declared unit – BP Oak 14/2.8mm																
Indicator	**Unit**	**A1-A3**	**A4**	**A5**	**B1**	**B2**	**B3**	**B4**	**B5**	**B6**	**B7**	**C1/1**	**C2/1**	**C3/1**	**C4/1**	**D**
PERE	MJ	2.77E+02	3.88E-02	1.39E+01	0.00E+00	-2.73E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.04E-03	6.05E-03	2.80E-02	-3.40E-02
PERM	MJ	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E+02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
PERT	MJ	2.77E+02	3.88E-02	1.39E+01	0.00E+00	8.31E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.04E-03	6.05E-03	2.80E-02	-3.40E-02
PENRE	MJ	8.68E+01	2.71E+00	4.86E+00	0.00E+00	2.98E+02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.71E-01	1.35E-01	1.53E+00	-1.67E+00
PENRM	MJ.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
PENRT	MJ	8.68E+01	2.71E+00	4.86E+00	0.00E+00	2.98E+02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.71E-01	1.35E-01	1.53E+00	-1.67E+00
SM	kg	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
RSF	MJ	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
NRSF	MJ	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
FW	m^3	1.01E-01	1.05E-04	5.49E-03	0.00E+00	3.77E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.16E-05	6.05E-04	1.29E-03	-1.90E-03
Acronyms	PERE = Use of renewable primary energy excluding renewable primary energy resources used as raw materials; PERM = Use of renewable primary energy resources used as raw materials; PERT = Total use of renewable primary energy resources; PENRE = Use of non-renewable primary energy excluding non-renewable primary energy resources used as raw materials; PENRM = Use of non-renewable primary energy resources used as raw materials; PENRT = Total use of non-renewable primary energy re-sources; SM = Use of secondary material; RSF = Use of renewable secondary fuels; NRSF = Use of non-renewable secondary fuels; FW = Use of net fresh water															

Waste production and output flows

Results per functional or declared unit – BP Oak 14/2.8mm																
Indicator	**Unit**	**A1-A3**	**A4**	**A5**	**B1**	**B2**	**B3**	**B4**	**B5**	**B6**	**B7**	**C1**	**C2**	**C3**	**C4**	**D**
Hazardous waste disposed	kg	1.86E-01	1.99E-03	1.50E-02	0.00E+00	6.42E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.13E-04	1.31E-02	2.12E-03	-1.52E-02
Non-hazardous waste disposed	kg	2.73E+00	1.58E-01	2.15E-01	0.00E+00	6.27E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.26E-02	6.55E-03	6.16E+00	-6.17E+00
Radioactive waste disposed	kg	2.77E-04	1.83E-05	1.72E-05	0.00E+00	9.89E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.86E-06	3.17E-07	9.11E-06	-9.42E-06

Output flows

Results per functional or declared unit – BP Oak 14/2.8mm																
Indicator	Unit	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Material for recycling	kg	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Materials for energy recovery	kg	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Exported energy. thermal	MJ	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Additional Indicators

Results per functional or declared unit – BP Oak 14/2.8mm																
Indicator	Unit	A1-A3	A4	A5	B1	B2	B3	B4	B5	B6	B7	C1	C2	C3	C4	D
Particulate matter	disease inc.	1.06E-06	1.13E-08	5.56E-08	0.00E+00	6.88E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.62E-09	3.49E-09	1.07E-08	-1.42E-08
Ionising radiation	kBq U-235 eq	4.52E-01	1.40E-02	2.92E-02	0.00E+00	3.21E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.93E-03	5.18E-04	7.28E-03	-7.80E-03
Ecotoxicity. freshwater	CTUe	1.49E+02	2.13E+00	8.19E+00	0.00E+00	4.45E+02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.45E-01	3.07E-01	1.50E+00	-1.81E+00
Human toxicity. cancer	CTUh	1.57E-08	6.85E-11	9.17E-10	0.00E+00	1.32E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.44E-11	4.27E-10	4.90E-11	-4.76E-10
Human toxicity. non-cancer	CTUh	1.04E-07	2.15E-09	6.29E-09	0.00E+00	2.99E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.67E-10	1.25E-09	1.54E-09	-2.79E-09
Land use	Pt	3.46E+03	2.76E+00	1.73E+02	0.00E+00	3.16E+02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.71E-01	5.60E-02	5.54E+00	-5.60E+00

Additional indicator

Results per functional or declared unit – BP Oak 14/2.8mm																
Indicator	Unit	A1-A3	A4	A5	B1	B2	B3	B4	B5	B6	B7	C1/1	C2/1	C3/1	C4/1	D
GWP-GHG[1]	kg CO_2 eq.	5.35E+00	1.79E-01	3.36E-01	0.00E+00	1.50E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.78E-02	1.33E-02	6.61E-02	-7.94E-02

Environmental Information BP Oak 12.6mm

Potential environmental impact

Results per functional or declared unit – BP Oak 12.6mm																
Indicator	**Unit**	**A1-A3**	**A4**	**A5**	**B1**	**B2**	**B3**	**B4**	**B5**	**B6**	**B7**	**C1**	**C2**	**C3**	**C4**	**D**
GWP-total	kg CO_2 eq.	-4.67E+00	1.63E-01	8.58E-02	0.00E+00	1.51E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.41E-02	2.04E+00	5.31E-01	-2.57E+00
GWP-fossil	kg CO_2 eq.	4.55E+00	1.62E-01	3.92E-01	0.00E+00	1.41E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.41E-02	1.20E-02	5.97E-02	-7.17E-02
GWP- biogenic	kg CO_2 eq.	-9.23E+00	6.59E-05	-3.07E-01	0.00E+00	6.25E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.36E-05	2.03E+00	4.71E-01	-2.50E+00
GWP- Luluc	kg CO_2 eq.	1.27E-02	6.49E-05	1.14E-03	0.00E+00	8.62E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.34E-05	4.22E-06	6.18E-05	-6.61E-05
ODP	kg CFC 11 eq.	5.83E-07	3.76E-08	4.81E-08	0.00E+00	1.12E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.89E-09	1.39E-09	1.78E-08	-1.92E-08
AP	mol H^+ eq.	3.14E-02	4.61E-04	2.45E-03	0.00E+00	9.34E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.38E-04	4.02E-04	5.03E-04	-9.05E-04
EP-freshwater	kg P eq	2.42E-03	1.06E-05	1.61E-04	0.00E+00	7.08E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.20E-06	7.79E-06	1.30E-05	-2.08E-05
EP-marine	kg N eq.	7.97E-03	9.37E-05	7.66E-04	0.00E+00	2.95E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.17E-05	2.00E-04	2.09E-03	-2.29E-03
EP-terrestrial	mol N eq.	8.32E-02	1.02E-03	7.01E-03	0.00E+00	2.08E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.56E-04	2.16E-03	1.87E-03	-4.03E-03
POCP	kg NMVOC eq.	2.53E-02	3.93E-04	2.15E-03	0.00E+00	4.80E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-04	5.66E-04	6.70E-04	-1.24E-03
ADP-minerals&metals*	kg Sb eq.	3.75E-05	5.76E-07	3.41E-06	0.00E+00	1.55E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.19E-07	4.36E-08	1.97E-07	-2.40E-07
ADP-fossil*	MJ	7.33E+01	2.46E+00	6.11E+00	0.00E+00	2.99E+02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.16E-01	1.22E-01	1.39E+00	-1.51E+00
WDP	m^3	2.96E+00	7.26E-03	2.39E-01	0.00E+00	1.32E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.49E-03	2.75E-03	5.97E-02	-6.25E-02
Acronyms	GWP-fossil = Global Warming Potential fossil fuels; GWP-biogenic = Global Warming Potential biogenic; GWP-luluc = Global Warming Potential land use and land use change; ODP = Depletion potential of the stratospheric ozone layer; AP = Acidification potential. Accumulated Exceedance; EP-freshwater = Eutrophication potential. fraction of nutrients reaching freshwater end compartment; EP-marine = Eutrophication potential. fraction of nutrients reaching marine end compartment; EP-terrestrial = Eutrophication potential. Accumulated Exceedance; POCP = Formation potential of tropospheric ozone; ADP-minerals&metals = Abiotic depletion potential for non-fossil resources; ADP-fossil = Abiotic depletion for fossil resources potential; WDP = Water (user) deprivation potential. deprivation-weighted water consumption															

Potential environmental impact

Results per functional or declared unit – BP Oak 12.6mm																
Indicator	**Unit**	**A1-A3**	**A4**	**A5**	**B1**	**B2**	**B3**	**B4**	**B5**	**B6**	**B7**	**C1/1**	**C2/1**	**C3/1**	**C4/1**	**D**
PERE	MJ	2.47E+02	3.52E-02	2.17E+01	0.00E+00	-2.73E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.27E-03	5.47E-03	2.53E-02	-3.07E-02
PERM	MJ	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E+02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
PERT	MJ	2.47E+02	3.52E-02	2.17E+01	0.00E+00	8.31E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.27E-03	5.47E-03	2.53E-02	-3.07E-02
PENRE	MJ	7.31E+01	2.46E+00	6.09E+00	0.00E+00	2.98E+02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.16E-01	1.22E-01	1.39E+00	-1.51E+00
PENRM	MJ.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
PENRT	MJ	7.30E+01	2.46E+00	6.09E+00	0.00E+00	2.98E+02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.16E-01	1.22E-01	1.39E+00	-1.51E+00
SM	kg	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
RSF	MJ	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
NRSF	MJ	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
FW	m^3	8.57E-02	9.48E-05	6.44E-03	0.00E+00	3.77E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.95E-05	5.47E-04	1.17E-03	-1.72E-03
Acronyms	PERE = Use of renewable primary energy excluding renewable primary energy resources used as raw materials; PERM = Use of renewable primary energy resources used as raw materials; PERT = Total use of renewable primary energy resources; PENRE = Use of non-renewable primary energy excluding non-renewable primary energy resources used as raw materials; PENRM = Use of non-renewable primary energy resources used as raw materials; PENRT = Total use of non-renewable primary energy re-sources; SM = Use of secondary material; RSF = Use of renewable secondary fuels; NRSF = Use of non-renewable secondary fuels; FW = Use of net fresh water															

Waste production and output flows

Results per functional or declared unit – BP Oak 12.6mm																
Indicator	**Unit**	**A1-A3**	**A4**	**A5**	**B1**	**B2**	**B3**	**B4**	**B5**	**B6**	**B7**	**C1**	**C2**	**C3**	**C4**	**D**
Hazardous waste disposed	kg	1.55E-01	1.80E-03	1.69E-02	0.00E+00	6.42E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.73E-04	1.18E-02	1.92E-03	-1.38E-02
Non-hazardous waste disposed	kg	2.35E+00	1.43E-01	2.40E-01	0.00E+00	6.27E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.95E-02	5.92E-03	5.57E+00	-5.57E+00
Radioactive waste disposed	kg	2.35E-04	1.66E-05	2.01E-05	0.00E+00	9.89E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.49E-06	2.86E-07	8.23E-06	-8.51E-06

Output flows

Results per functional or declared unit – BP Oak 12.6mm																
Indicator	Unit	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Material for recycling	kg	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Materials for energy recovery	kg	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Exported energy. thermal	MJ	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Additional Indicators

Results per functional or declared unit – BP Oak 12.6mm																
Indicator	Unit	A1-A3	A4	A5	B1	B2	B3	B4	B5	B6	B7	C1	C2	C3	C4	D
Particulate matter	disease inc.	9.57E-07	1.03E-08	6.86E-08	0.00E+00	6.88E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.37E-09	3.15E-09	9.71E-09	-1.29E-08
Ionising radiation	kBq U-235 eq	3.66E-01	1.27E-02	3.46E-02	0.00E+00	3.21E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.65E-03	4.68E-04	6.58E-03	-7.05E-03
Ecotoxicity. freshwater	CTUe	1.20E+02	1.93E+00	9.60E+00	0.00E+00	4.45E+02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.02E-01	2.78E-01	1.36E+00	-1.64E+00
Human toxicity. cancer	CTUh	1.38E-08	6.21E-11	1.32E-09	0.00E+00	1.32E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-11	3.86E-10	4.43E-11	-4.31E-10
Human toxicity. non-cancer	CTUh	9.01E-08	1.95E-09	7.49E-09	0.00E+00	2.99E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.22E-10	1.13E-09	1.40E-09	-2.52E-09
Land use	Pt	3.00E+03	2.50E+00	2.78E+02	0.00E+00	3.16E+02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.16E-01	5.06E-02	5.01E+00	-5.06E+00

Additional indicator

Results per functional or declared unit – BP Oak 12.6mm																
Indicator	Unit	A1-A3	A4	A5	B1	B2	B3	B4	B5	B6	B7	C1/1	C2/1	C3/1	C4/1	D
GWP-GHG[1]	kg CO_2 eq.	4.56E+00	1.62E-01	3.93E-01	0.00E+00	1.50E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.41E-02	1.20E-02	5.97E-02	-7.17E-02

Environmental Information BP Ash 14mm

Potential environmental impact

Results per functional or declared unit – BP Ash 14mm																
Indicator	**Unit**	**A1-A3**	**A4**	**A5**	**B1**	**B2**	**B3**	**B4**	**B5**	**B6**	**B7**	**C1**	**C2**	**C3**	**C4**	**D**
GWP-total	kg CO_2 eq.	-4.47E+00	1.66E-01	4.89E-01	0.00E+00	1.51E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.49E-02	1.94E+00	5.43E-01	-7.37E-01
GWP-fossil	kg CO_2 eq.	4.88E+00	1.66E-01	3.20E-01	0.00E+00	1.41E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.49E-02	1.23E-02	6.11E-02	-6.23E-02
GWP- biogenic	kg CO_2 eq.	-9.36E+00	6.74E-05	1.69E-01	0.00E+00	6.25E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-05	1.92E+00	4.82E-01	-6.74E-01
GWP- Luluc	kg CO_2 eq.	1.68E-02	6.64E-05	8.68E-04	0.00E+00	8.62E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-05	4.32E-06	6.33E-05	-6.37E-05
ODP	kg CFC 11 eq.	6.06E-07	3.85E-08	3.54E-08	0.00E+00	1.12E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.08E-09	1.42E-09	1.82E-08	-1.83E-08
AP	mol H^+ eq.	3.31E-02	4.72E-04	1.90E-03	0.00E+00	9.34E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.42E-04	4.12E-04	5.15E-04	-5.56E-04
EP-freshwater	kg P eq	2.47E-03	1.09E-05	1.36E-04	0.00E+00	7.08E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.25E-06	7.98E-06	1.33E-05	-1.41E-05
EP-marine	kg N eq.	8.38E-03	9.58E-05	6.19E-04	0.00E+00	2.95E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.27E-05	2.05E-04	2.13E-03	-2.16E-03
EP-terrestrial	mol N eq.	8.67E-02	1.04E-03	5.25E-03	0.00E+00	2.08E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.66E-04	2.21E-03	1.91E-03	-2.14E-03
POCP	kg NMVOC eq.	2.64E-02	4.01E-04	1.60E-03	0.00E+00	4.80E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-04	5.79E-04	6.85E-04	-7.43E-04
ADP-minerals&metals*	kg Sb eq.	3.89E-05	5.89E-07	2.10E-06	0.00E+00	1.55E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-07	4.46E-08	2.02E-07	-2.06E-07
ADP-fossil*	MJ	7.90E+01	2.52E+00	4.46E+00	0.00E+00	2.99E+02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.28E-01	1.25E-01	1.42E+00	-1.43E+00
WDP	m^3	3.18E+00	7.42E-03	1.67E-01	0.00E+00	1.32E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.53E-03	2.82E-03	6.11E-02	-6.14E-02
Acronyms	GWP-fossil = Global Warming Potential fossil fuels; GWP-biogenic = Global Warming Potential biogenic; GWP-luluc = Global Warming Potential land use and land use change; ODP = Depletion potential of the stratospheric ozone layer; AP = Acidification potential. Accumulated Exceedance; EP-freshwater = Eutrophication potential. fraction of nutrients reaching freshwater end compartment; EP-marine = Eutrophication potential. fraction of nutrients reaching marine end compartment; EP-terrestrial = Eutrophication potential. Accumulated Exceedance; POCP = Formation potential of tropospheric ozone; ADP-minerals&metals = Abiotic depletion potential for non-fossil resources; ADP-fossil = Abiotic depletion for fossil resources potential; WDP = Water (user) deprivation potential. deprivation-weighted water consumption															

Potential environmental impact

Results per functional or declared unit – BP Ash 14mm															
Indicator	**Unit**	**A1-A3**	**A4**	**A5**	**B1**	**B2**	**B3**	**B4**	**B5**	**B6**	**B7**	**C1/1**	**C2/1**	**C3/1**	**C4/1**	**D**
PERE	MJ	2.51E+02	3.60E-02	1.26E+01	0.00E+00	-2.73E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.44E-03	5.59E-03	2.59E-02	-2.64E-02
PERM	MJ	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E+02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
PERT	MJ	2.51E+02	3.60E-02	1.26E+01	0.00E+00	8.31E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.44E-03	5.59E-03	2.59E-02	-2.64E-02
PENRE	MJ	7.88E+01	2.52E+00	4.45E+00	0.00E+00	2.98E+02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.28E-01	1.25E-01	1.42E+00	-1.43E+00
PENRM	MJ.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
PENRT	MJ	7.88E+01	2.52E+00	4.45E+00	0.00E+00	2.98E+02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.28E-01	1.25E-01	1.42E+00	-1.43E+00
SM	kg	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
RSF	MJ	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
NRSF	MJ	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
FW	m^3	9.06E-02	9.70E-05	4.96E-03	0.00E+00	3.77E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-05	5.60E-04	1.20E-03	-1.25E-03
Acronyms	PERE = Use of renewable primary energy excluding renewable primary energy resources used as raw materials; PERM = Use of renewable primary energy resources used as raw materials; PERT = Total use of renewable primary energy resources; PENRE = Use of non-renewable primary energy excluding non-renewable primary energy resources used as raw materials; PENRM = Use of non-renewable primary energy resources used as raw materials; PENRT = Total use of non-renewable primary energy re-sources; SM = Use of secondary material; RSF = Use of renewable secondary fuels; NRSF = Use of non-renewable secondary fuels; FW = Use of net fresh water														

Waste production and output flows

Results per functional or declared unit – BP Ash 14mm															
Indicator	**Unit**	**A1-A3**	**A4**	**A5**	**B1**	**B2**	**B3**	**B4**	**B5**	**B6**	**B7**	**C1**	**C2**	**C3**	**C4**	**D**
Hazardous waste disposed	kg	1.69E-01	1.84E-03	1.42E-02	0.00E+00	6.42E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.82E-04	1.21E-02	1.96E-03	-3.18E-03
Non-hazardous waste disposed	kg	2.51E+00	1.46E-01	2.06E-01	0.00E+00	6.27E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.02E-02	6.06E-03	5.70E+00	-5.70E+00
Radioactive waste disposed	kg	2.47E-04	1.70E-05	1.56E-05	0.00E+00	9.89E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.57E-06	2.93E-07	8.42E-06	-8.45E-06

Output flows

Results per functional or declared unit – BP Ash 14mm																
Indicator	Unit	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Material for recycling	kg	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Materials for energy recovery	kg	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Exported energy. thermal	MJ	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Additional Indicators

Results per functional or declared unit – BP Ash 14mm																
Indicator	Unit	A1-A3	A4	A5	B1	B2	B3	B4	B5	B6	B7	C1	C2	C3	C4	D
Particulate matter	disease inc.	9.89E-07	1.05E-08	5.18E-08	0.00E+00	6.88E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.42E-09	3.23E-09	9.94E-09	-1.03E-08
Ionising radiation	kBq U-235 eq	3.83E-01	1.30E-02	2.56E-02	0.00E+00	3.21E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.71E-03	4.79E-04	6.73E-03	-6.78E-03
Ecotoxicity. freshwater	CTUe	1.32E+02	1.98E+00	7.35E+00	0.00E+00	4.45E+02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.12E-01	2.84E-01	1.39E+00	-1.42E+00
Human toxicity. cancer	CTUh	1.40E-08	6.35E-11	8.25E-10	0.00E+00	1.32E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.33E-11	3.95E-10	4.53E-11	-8.49E-11
Human toxicity. non-cancer	CTUh	9.56E-08	2.00E-09	5.86E-09	0.00E+00	2.99E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.32E-10	1.15E-09	1.43E-09	-1.54E-09
Land use	Pt	3.05E+03	2.56E+00	1.53E+02	0.00E+00	3.16E+02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.28E-01	5.18E-02	5.13E+00	-5.13E+00

Additional indicator

Results per functional or declared unit – BP Ash 14mm																
Indicator	Unit	A1-A3	A4	A5	B1	B2	B3	B4	B5	B6	B7	C1/1	C2/1	C3/1	C4/1	D
GWP-GHG[1]	kg CO_2 eq.	4.90E+00	1.66E-01	3.21E-01	0.00E+00	1.50E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.49E-02	1.23E-02	6.11E-02	-6.24E-02

Environmental Information BP Ash 13.2mm

Potential environmental impact

Results per functional or declared unit – BP Ash 13.2mm																
Indicator	**Unit**	**A1-A3**	**A4**	**A5**	**B1**	**B2**	**B3**	**B4**	**B5**	**B6**	**B7**	**C1**	**C2**	**C3**	**C4**	**D**
GWP-total	kg CO_2 eq.	-4.56E+00	1.66E-01	4.76E-01	0.00E+00	1.51E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.40E-02	1.87E+00	5.29E-01	-7.16E-01
GWP-fossil	kg CO_2 eq.	4.66E+00	1.66E-01	3.12E-01	0.00E+00	1.41E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.40E-02	1.19E-02	5.95E-02	-6.07E-02
GWP- biogenic	kg CO_2 eq.	-9.23E+00	6.74E-05	1.63E-01	0.00E+00	6.25E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.36E-05	1.86E+00	4.70E-01	-6.55E-01
GWP- Luluc	kg CO_2 eq.	1.27E-02	6.64E-05	6.68E-04	0.00E+00	8.62E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.34E-05	4.21E-06	6.17E-05	-6.21E-05
ODP	kg CFC 11 eq.	5.90E-07	3.85E-08	3.50E-08	0.00E+00	1.12E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.87E-09	1.38E-09	1.77E-08	-1.79E-08
AP	mol H^+ eq.	3.21E-02	4.72E-04	1.85E-03	0.00E+00	9.34E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.38E-04	4.01E-04	5.02E-04	-5.42E-04
EP-freshwater	kg P eq	2.45E-03	1.09E-05	1.35E-04	0.00E+00	7.08E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.19E-06	7.77E-06	1.30E-05	-1.37E-05
EP-marine	kg N eq.	8.12E-03	9.58E-05	6.09E-04	0.00E+00	2.95E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.16E-05	2.00E-04	2.08E-03	-2.10E-03
EP-terrestrial	mol N eq.	8.47E-02	1.04E-03	5.17E-03	0.00E+00	2.08E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.54E-04	2.16E-03	1.87E-03	-2.08E-03
POCP	kg NMVOC eq.	2.58E-02	4.01E-04	1.57E-03	0.00E+00	4.80E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-04	5.64E-04	6.68E-04	-7.24E-04
ADP-minerals&metals*	kg Sb eq.	3.81E-05	5.89E-07	2.07E-06	0.00E+00	1.55E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-07	4.35E-08	1.96E-07	-2.01E-07
ADP-fossil*	MJ	7.56E+01	2.52E+00	4.32E+00	0.00E+00	2.99E+02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.14E-01	1.22E-01	1.38E+00	-1.40E+00
WDP	m^3	3.05E+00	7.42E-03	1.61E-01	0.00E+00	1.32E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.49E-03	2.74E-03	5.95E-02	-5.98E-02
Acronyms	GWP-fossil = Global Warming Potential fossil fuels; GWP-biogenic = Global Warming Potential biogenic; GWP-luluc = Global Warming Potential land use and land use change; ODP = Depletion potential of the stratospheric ozone layer; AP = Acidification potential. Accumulated Exceedance; EP-freshwater = Eutrophication potential. fraction of nutrients reaching freshwater end compartment; EP-marine = Eutrophication potential. fraction of nutrients reaching marine end compartment; EP-terrestrial = Eutrophication potential. Accumulated Exceedance; POCP = Formation potential of tropospheric ozone; ADP-minerals&metals = Abiotic depletion potential for non-fossil resources; ADP-fossil = Abiotic depletion for fossil resources potential; WDP = Water (user) deprivation potential. deprivation-weighted water consumption															

Potential environmental impact

Results per functional or declared unit – BP Ash 13.2mm																
Indicator	**Unit**	**A1-A3**	**A4**	**A5**	**B1**	**B2**	**B3**	**B4**	**B5**	**B6**	**B7**	**C1/1**	**C2/1**	**C3/1**	**C4/1**	**D**
PERE	MJ	2.48E+02	3.60E-02	1.25E+01	0.00E+00	-2.73E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.25E-03	5.45E-03	2.52E-02	-2.58E-02
PERM	MJ	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E+02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
PERT	MJ	2.48E+02	3.60E-02	1.25E+01	0.00E+00	8.31E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.25E-03	5.45E-03	2.52E-02	-2.58E-02
PENRE	MJ	7.54E+01	2.52E+00	4.31E+00	0.00E+00	2.98E+02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.14E-01	1.22E-01	1.38E+00	-1.40E+00
PENRM	MJ.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
PENRT	MJ	7.54E+01	2.52E+00	4.31E+00	0.00E+00	2.98E+02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.14E-01	1.22E-01	1.38E+00	-1.39E+00
SM	kg	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
RSF	MJ	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
NRSF	MJ	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
FW	m^3	8.75E-02	9.70E-05	4.81E-03	0.00E+00	3.77E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.94E-05	5.46E-04	1.17E-03	-1.22E-03
Acronyms	PERE = Use of renewable primary energy excluding renewable primary energy resources used as raw materials; PERM = Use of renewable primary energy resources used as raw materials; PERT = Total use of renewable primary energy resources; PENRE = Use of non-renewable primary energy excluding non-renewable primary energy resources used as raw materials; PENRM = Use of non-renewable primary energy resources used as raw materials; PENRT = Total use of non-renewable primary energy re-sources; SM = Use of secondary material; RSF = Use of renewable secondary fuels; NRSF = Use of non-renewable secondary fuels; FW = Use of net fresh water															

Waste production and output flows

Results per functional or declared unit – BP Ash 13.2mm																
Indicator	**Unit**	**A1-A3**	**A4**	**A5**	**B1**	**B2**	**B3**	**B4**	**B5**	**B6**	**B7**	**C1**	**C2**	**C3**	**C4**	**D**
Hazardous waste disposed	kg	1.60E-01	1.84E-03	1.37E-02	0.00E+00	6.42E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.72E-04	1.18E-02	1.91E-03	-3.09E-03
Non-hazardous waste disposed	kg	2.40E+00	1.46E-01	2.02E-01	0.00E+00	6.27E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.94E-02	5.90E-03	5.55E+00	-5.55E+00
Radioactive waste disposed	kg	2.39E-04	1.70E-05	1.54E-05	0.00E+00	9.89E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.48E-06	2.85E-07	8.20E-06	-8.23E-06

Output flows

Results per functional or declared unit – BP Ash 13.2mm																
Indicator	Unit	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Material for recycling	kg	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Materials for energy recovery	kg	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Exported energy. thermal	MJ	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Additional Indicators

Results per functional or declared unit – BP Ash 13.2mm																
Indicator	Unit	A1-A3	A4	A5	B1	B2	B3	B4	B5	B6	B7	C1	C2	C3	C4	D
Particulate matter	disease inc.	9.65E-07	1.05E-08	5.07E-08	0.00E+00	6.88E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.36E-09	3.14E-09	9.68E-09	-1.00E-08
Ionising radiation	kBq U-235 eq	3.75E-01	1.30E-02	2.57E-02	0.00E+00	3.21E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.64E-03	4.67E-04	6.56E-03	-6.61E-03
Ecotoxicity. freshwater	CTUe	1.23E+02	1.98E+00	6.93E+00	0.00E+00	4.45E+02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.01E-01	2.77E-01	1.35E+00	-1.38E+00
Human toxicity. cancer	CTUh	1.40E-08	6.35E-11	8.24E-10	0.00E+00	1.32E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-11	3.85E-10	4.42E-11	-8.27E-11
Human toxicity. non-cancer	CTUh	9.17E-08	2.00E-09	5.68E-09	0.00E+00	2.99E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.21E-10	1.12E-09	1.39E-09	-1.50E-09
Land use	Pt	3.04E+03	2.56E+00	1.52E+02	0.00E+00	3.16E+02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.14E-01	5.05E-02	4.99E+00	-5.00E+00

Additional indicator

Results per functional or declared unit – BP Ash 13.2mm																
Indicator	Unit	A1-A3	A4	A5	B1	B2	B3	B4	B5	B6	B7	C1/1	C2/1	C3/1	C4/1	D
GWP-GHG1	kg CO2 eq.	4.67E+00	1.66E-01	3.13E-01	0.00E+00	1.50E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.40E-02	1.19E-02	5.96E-02	-6.08E-02

Environmental Information BP Ash 14.2/2.8mm

Potential environmental impact

Results per functional or declared unit – BP Ash 14.2/2.8mm																
Indicator	**Unit**	**A1-A3**	**A4**	**A5**	**B1**	**B2**	**B3**	**B4**	**B5**	**B6**	**B7**	**C1**	**C2**	**C3**	**C4**	**D**
GWP-total	kg CO_2 eq.	-5.24E+00	1.78E-01	4.95E-01	0.00E+00	1.51E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.75E-02	2.08E+00	5.83E-01	-2.85E+00
GWP-fossil	kg CO_2 eq.	5.28E+00	1.78E-01	3.41E-01	0.00E+00	1.41E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.74E-02	1.32E-02	6.55E-02	-7.87E-02
GWP- biogenic	kg CO_2 eq.	-1.05E+01	7.21E-05	1.53E-01	0.00E+00	6.25E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.50E-05	2.06E+00	5.17E-01	-2.77E+00
GWP- Luluc	kg CO_2 eq.	1.40E-02	7.10E-05	7.30E-04	0.00E+00	8.62E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.47E-05	4.63E-06	6.79E-05	-7.25E-05
ODP	kg CFC 11 eq.	6.57E-07	4.12E-08	3.83E-08	0.00E+00	1.12E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.67E-09	1.52E-09	1.95E-08	-2.10E-08
AP	mol H^+ eq.	3.59E-02	5.05E-04	2.05E-03	0.00E+00	9.34E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-04	4.42E-04	5.53E-04	-9.94E-04
EP-freshwater	kg P eq	2.61E-03	1.16E-05	1.43E-04	0.00E+00	7.08E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.41E-06	8.56E-06	1.43E-05	-2.28E-05
EP-marine	kg N eq.	9.28E-03	1.03E-04	6.69E-04	0.00E+00	2.95E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.58E-05	2.20E-04	2.29E-03	-2.51E-03
EP-terrestrial	mol N eq.	9.64E-02	1.12E-03	5.78E-03	0.00E+00	2.08E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.00E-04	2.38E-03	2.05E-03	-4.43E-03
POCP	kg NMVOC eq.	2.92E-02	4.30E-04	1.75E-03	0.00E+00	4.80E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.53E-04	6.21E-04	7.35E-04	-1.36E-03
ADP-minerals&metals*	kg Sb eq.	4.23E-05	6.31E-07	2.28E-06	0.00E+00	1.55E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-07	4.79E-08	2.16E-07	-2.64E-07
ADP-fossil*	MJ	8.60E+01	2.70E+00	4.83E+00	0.00E+00	2.99E+02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.66E-01	1.34E-01	1.52E+00	-1.66E+00
WDP	m^3	3.55E+00	7.94E-03	1.86E-01	0.00E+00	1.32E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.64E-03	3.02E-03	6.56E-02	-6.86E-02
Acronyms	GWP-fossil = Global Warming Potential fossil fuels; GWP-biogenic = Global Warming Potential biogenic; GWP-luluc = Global Warming Potential land use and land use change; ODP = Depletion potential of the stratospheric ozone layer; AP = Acidification potential. Accumulated Exceedance; EP-freshwater = Eutrophication potential. fraction of nutrients reaching freshwater end compartment; EP-marine = Eutrophication potential. fraction of nutrients reaching marine end compartment; EP-terrestrial = Eutrophication potential. Accumulated Exceedance; POCP = Formation potential of tropospheric ozone; ADP-minerals&metals = Abiotic depletion potential for non-fossil resources; ADP-fossil = Abiotic depletion for fossil resources potential; WDP = Water (user) deprivation potential. deprivation-weighted water consumption															

Potential environmental impact

Results per functional or declared unit – BP Ash 14.2/2.8mm																
Indicator	**Unit**	**A1-A3**	**A4**	**A5**	**B1**	**B2**	**B3**	**B4**	**B5**	**B6**	**B7**	**C1/1**	**C2/1**	**C3/1**	**C4/1**	**D**
PERE	MJ	2.74E+02	3.85E-02	1.37E+01	0.00E+00	-2.73E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.98E-03	6.00E-03	2.78E-02	-3.38E-02
PERM	MJ	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E+02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
PERT	MJ	2.74E+02	3.85E-02	1.37E+01	0.00E+00	8.31E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.98E-03	6.00E-03	2.78E-02	-3.38E-02
PENRE	MJ	8.57E+01	2.69E+00	4.81E+00	0.00E+00	2.98E+02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.66E-01	1.34E-01	1.52E+00	-1.66E+00
PENRM	MJ.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
PENRT	MJ	8.57E+01	2.69E+00	4.81E+00	0.00E+00	2.98E+02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.66E-01	1.34E-01	1.52E+00	-1.66E+00
SM	kg	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
RSF	MJ	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
NRSF	MJ	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
FW	m^3	9.99E-02	1.04E-04	5.43E-03	0.00E+00	3.77E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.14E-05	6.01E-04	1.28E-03	-1.88E-03
Acronyms	PERE = Use of renewable primary energy excluding renewable primary energy resources used as raw materials; PERM = Use of renewable primary energy resources used as raw materials; PERT = Total use of renewable primary energy resources; PENRE = Use of non-renewable primary energy excluding non-renewable primary energy resources used as raw materials; PENRM = Use of non-renewable primary energy resources used as raw materials; PENRT = Total use of non-renewable primary energy re-sources; SM = Use of secondary material; RSF = Use of renewable secondary fuels; NRSF = Use of non-renewable secondary fuels; FW = Use of net fresh water															

Waste production and output flows

Results per functional or declared unit – BP Ash 14.2/2.8mm															
Indicator	**Unit**	**A1-A3**	**A4**	**A5**	**B1**	**B2**	**B3**	**B4**	**B5**	**B6**	**B7**	**C1**	**C2**	**C3**	**C4**	**D**
Hazardous waste disposed	kg	1.81E-01	1.97E-03	1.50E-02	0.00E+00	6.42E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.09E-04	1.30E-02	2.11E-03	-1.51E-02
Non-hazardous waste disposed	kg	2.72E+00	1.57E-01	2.18E-01	0.00E+00	6.27E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.24E-02	6.50E-03	6.11E+00	-6.12E+00
Radioactive waste disposed	kg	2.78E-04	1.82E-05	1.73E-05	0.00E+00	9.89E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.83E-06	3.14E-07	9.03E-06	-9.35E-06

Output flows

Results per functional or declared unit – BP Ash 14.2/2.8mm																
Indicator	Unit	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Material for recycling	kg	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Materials for energy recovery	kg	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Exported energy. thermal	MJ	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Additional indicators

Results per functional or declared unit – BP Ash 14.2/2.8mm																
Indicator	Unit	A1-A3	A4	A5	B1	B2	B3	B4	B5	B6	B7	C1	C2	C3	C4	D
Particulate matter	disease inc.	1.05E-06	1.13E-08	5.52E-08	0.00E+00	6.88E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.60E-09	3.46E-09	1.07E-08	-1.41E-08
Ionising radiation	kBq U-235 eq	4.51E-01	1.39E-02	2.92E-02	0.00E+00	3.21E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.91E-03	5.14E-04	7.22E-03	-7.74E-03
Ecotoxicity. freshwater	CTUe	1.45E+02	2.11E+00	8.04E+00	0.00E+00	4.45E+02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.42E-01	3.05E-01	1.49E+00	-1.80E+00
Human toxicity. cancer	CTUh	1.56E-08	6.80E-11	9.14E-10	0.00E+00	1.32E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-11	4.24E-10	4.86E-11	-4.73E-10
Human toxicity. non-cancer	CTUh	1.03E-07	2.14E-09	6.25E-09	0.00E+00	2.99E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.63E-10	1.24E-09	1.53E-09	-2.77E-09
Land use	Pt	3.41E+03	2.74E+00	1.71E+02	0.00E+00	3.16E+02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.66E-01	5.56E-02	5.50E+00	-5.55E+00

Additional indicator

Results per functional or declared unit – BP Ash 14.2/2.8mm																
Indicator	Unit	A1-A3	A4	A5	B1	B2	B3	B4	B5	B6	B7	C1/1	C2/1	C3/1	C4/1	D
GWP-GHG1	kg CO2 eq.	5.29E+00	1.78E-01	3.42E-01	0.00E+00	1.50E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.75E-02	1.32E-02	6.56E-02	-7.88E-02

Environmental Information BP Am. Walnut

Potential environmental impact

Results per functional or declared unit – BP Am. Walnut																
Indicator	**Unit**	**A1-A3**	**A4**	**A5**	**B1**	**B2**	**B3**	**B4**	**B5**	**B6**	**B7**	**C1**	**C2**	**C3**	**C4**	**D**
GWP-total	kg CO_2 eq.	-5.78E+00	1.70E-01	4.38E-01	0.00E+00	1.51E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.58E-02	2.16E+00	5.56E-01	-2.71E+00
GWP-fossil	kg CO_2 eq.	5.02E+00	1.70E-01	3.27E-01	0.00E+00	1.41E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.57E-02	1.26E-02	6.26E-02	-7.51E-02
GWP- biogenic	kg CO_2 eq.	-1.08E+01	6.89E-05	1.10E-01	0.00E+00	6.25E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-05	2.14E+00	4.94E-01	-2.64E+00
GWP- Luluc	kg CO_2 eq.	1.32E-02	6.79E-05	6.93E-04	0.00E+00	8.62E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-05	4.42E-06	6.48E-05	-6.92E-05
ODP	kg CFC 11 eq.	5.77E-07	3.94E-08	3.44E-08	0.00E+00	1.12E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.27E-09	1.45E-09	1.86E-08	-2.01E-08
AP	mol H^+ eq.	3.46E-02	4.83E-04	1.99E-03	0.00E+00	9.34E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E-04	4.22E-04	5.27E-04	-9.49E-04
EP-freshwater	kg P eq	2.54E-03	1.11E-05	1.40E-04	0.00E+00	7.08E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.30E-06	8.17E-06	1.36E-05	-2.18E-05
EP-marine	kg N eq.	8.63E-03	9.81E-05	6.37E-04	0.00E+00	2.95E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.37E-05	2.10E-04	2.19E-03	-2.40E-03
EP-terrestrial	mol N eq.	8.98E-02	1.07E-03	5.48E-03	0.00E+00	2.08E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.78E-04	2.27E-03	1.96E-03	-4.23E-03
POCP	kg NMVOC eq.	2.76E-02	4.11E-04	1.67E-03	0.00E+00	4.80E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.46E-04	5.93E-04	7.02E-04	-1.29E-03
ADP-minerals&metals*	kg Sb eq.	4.02E-05	6.03E-07	2.18E-06	0.00E+00	1.55E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E-07	4.57E-08	2.06E-07	-2.52E-07
ADP-fossil*	MJ	8.67E+01	2.58E+00	4.88E+00	0.00E+00	2.99E+02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.41E-01	1.28E-01	1.45E+00	-1.58E+00
WDP	m^3	3.49E+00	7.59E-03	1.82E-01	0.00E+00	1.32E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.57E-03	2.88E-03	6.26E-02	-6.55E-02
Acronyms	GWP-fossil = Global Warming Potential fossil fuels; GWP-biogenic = Global Warming Potential biogenic; GWP-luluc = Global Warming Potential land use and land use change; ODP = Depletion potential of the stratospheric ozone layer; AP = Acidification potential. Accumulated Exceedance; EP-freshwater = Eutrophication potential. fraction of nutrients reaching freshwater end compartment; EP-marine = Eutrophication potential. fraction of nutrients reaching marine end compartment; EP-terrestrial = Eutrophication potential. Accumulated Exceedance; POCP = Formation potential of tropospheric ozone; ADP-minerals&metals = Abiotic depletion potential for non-fossil resources; ADP-fossil = Abiotic depletion for fossil resources potential; WDP = Water (user) deprivation potential. deprivation-weighted water consumption															

Potential environmental impact

Results per functional or declared unit – BP Am. Walnut																
Indicator	**Unit**	**A1-A3**	**A4**	**A5**	**B1**	**B2**	**B3**	**B4**	**B5**	**B6**	**B7**	**C1/1**	**C2/1**	**C3/1**	**C4/1**	**D**
PERE	MJ	2.52E+02	3.68E-02	1.26E+01	0.00E+00	-2.73E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.62E-03	5.73E-03	2.65E-02	-3.22E-02
PERM	MJ	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E+02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
PERT	MJ	2.52E+02	3.68E-02	1.26E+01	0.00E+00	8.31E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.62E-03	5.73E-03	2.65E-02	-3.22E-02
PENRE	MJ	8.65E+01	2.58E+00	4.87E+00	0.00E+00	2.98E+02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.41E-01	1.28E-01	1.45E+00	-1.58E+00
PENRM	MJ.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
PENRT	MJ	8.65E+01	2.58E+00	4.87E+00	0.00E+00	2.98E+02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.40E-01	1.28E-01	1.45E+00	-1.58E+00
SM	kg	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
RSF	MJ	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
NRSF	MJ	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
FW	m^3	9.60E-02	9.92E-05	5.23E-03	0.00E+00	3.77E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.04E-05	5.74E-04	1.23E-03	-1.80E-03
Acronyms	PERE = Use of renewable primary energy excluding renewable primary energy resources used as raw materials; PERM = Use of renewable primary energy resources used as raw materials; PERT = Total use of renewable primary energy resources; PENRE = Use of non-renewable primary energy excluding non-renewable primary energy resources used as raw materials; PENRM = Use of non-renewable primary energy resources used as raw materials; PENRT = Total use of non-renewable primary energy re-sources; SM = Use of secondary material; RSF = Use of renewable secondary fuels; NRSF = Use of non-renewable secondary fuels; FW = Use of net fresh water															

Waste production and output flows

Results per functional or declared unit - BP Am. Walnut																
Indicator	**Unit**	**A1-A3**	**A4**	**A5**	**B1**	**B2**	**B3**	**B4**	**B5**	**B6**	**B7**	**C1**	**C2**	**C3**	**C4**	**D**
Hazardous waste disposed	kg	1.72E-01	1.89E-03	1.44E-02	0.00E+00	6.42E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.91E-04	1.24E-02	2.01E-03	-1.44E-02
Non-hazardous waste disposed	kg	2.40E+00	1.50E-01	2.01E-01	0.00E+00	6.27E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.09E-02	6.20E-03	5.83E+00	-5.84E+00
Radioactive waste disposed	kg	2.42E-04	1.74E-05	1.56E-05	0.00E+00	9.89E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.66E-06	3.00E-07	8.62E-06	-8.92E-06

Output flows

Results per functional or declared unit – BP Am. Walnut																
Indicator	Unit	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Material for recycling	kg	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Materials for energy recovery	kg	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Exported energy. thermal	MJ	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Additional indicators

Results per functional or declared unit – BP Am. Walnut																
Indicator	Unit	A1-A3	A4	A5	B1	B2	B3	B4	B5	B6	B7	C1	C2	C3	C4	D
Particulate matter	disease inc.	9.87E-07	1.08E-08	5.19E-08	0.00E+00	6.88E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.48E-09	3.31E-09	1.02E-08	-1.35E-08
Ionising radiation	kBq U-235 eq	4.08E-01	1.33E-02	2.74E-02	0.00E+00	3.21E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.78E-03	4.90E-04	6.90E-03	-7.39E-03
Ecotoxicity. freshwater	CTUe	1.31E+02	2.02E+00	7.33E+00	0.00E+00	4.45E+02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.22E-01	2.91E-01	1.42E+00	-1.72E+00
Human toxicity. cancer	CTUh	1.40E-08	6.50E-11	8.29E-10	0.00E+00	1.32E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-11	4.05E-10	4.64E-11	-4.51E-10
Human toxicity. non-cancer	CTUh	9.53E-08	2.04E-09	5.87E-09	0.00E+00	2.99E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.42E-10	1.18E-09	1.46E-09	-2.64E-09
Land use	Pt	3.06E+03	2.62E+00	1.53E+02	0.00E+00	3.16E+02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.41E-01	5.31E-02	5.25E+00	-5.30E+00

Additional indicator

Results per functional or declared unit – BP Am. Walnut																
Indicator	Unit	A1-A3	A4	A5	B1	B2	B3	B4	B5	B6	B7	C1/1	C2/1	C3/1	C4/1	D
GWP-GHG1	kg CO2 eq.	5.03E+00	1.70E-01	3.28E-01	0.00E+00	1.50E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.58E-02	1.26E-02	6.26E-02	-7.52E-02

1. REFERENCES

1. General Programme Instructions of the International EPD® System. Version 3.01.
2. EN 15804:2012 + A2:2019. Sustainability of construction works — Environmental product declarations — Core rules for the product category of construction products
3. EN 16485:2015 Round and sawn timber - Environmental Product Declarations - Product category rules for wood and wood-based products for use in construction
4. EN 13489:2017 Wood-flooring and parquet. Multi-layer parquet elements
5. EN 14342:2013 Wood flooring and parquet – Characteristics, evaluation of conformity and marking
6. ISO 9001:2015 Quality management systems — Requirements
7. ISO 45001:2018 Occupational Health and Safety
8. ISO 50001:2018 Energy management systems — Requirements with guidance for use
9. ISO 14001:2015 Environmental management systems - Requirements with guidance for use (ISO 14001:2015)
10. ISO 14025:2006 Environmental labels and declarations — Type III environmental declarations — Principles and procedures
11. C-PCR-004 (TO PCR 2019:14)
12. C-PCR-006 (TO PCR 2019:14)
13. FSC - The Forest Stewardship Council (FSC) is an international. non-governmental organization dedicated to promoting responsible management of the world's forests.
14. PEFC - The Programme for the Endorsement of Forest Certification is a leading global alliance of national forest certification systems.
15. Federal Institute for Research on Building Urban Affairs and Spatial Development (BBSR) (Ed.): 2017: Service life of components for lifecycle analyses according to the Sustainable Building Assessment System (BNB), 2/2017.
16. Ecoinvent 3.6 - Life Cycle Inventory (LCI) database that supports various types of sustainability assessments.
17. Simapro 9.1 - LCA software solution. © PRé Sustainability B.V., Amersfoort, The Netherlands.

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