

Environmental product declaration

Calcium sulphate panels for raised floor with various finishings
Site plant: via dell'Industria 19, 35028 Piove di Sacco (PD) Italy

in compliance with ISO 14025 and EN 15804:2012 + A2:2019

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EPD references

EPD OWNER	Nesite by Transpack Group Service Spa Via San Marco 11 35129 Padova (PD) Italy VAT Number IT03462190285
REFERENCE PRODUCTION SITE	Via dell'Industria 19, 35028 Piove di Sacco (PD) Italy
PROGRAM OPERATOR	EPDIItaly, via De Castillia, 10 - 20124 Milano (www.epditaly.it)
INDEPENDENT VERIFICATION	This declaration was developed according to the general instructions of the EPD Italy program. The declaration and data were verified according to ISO 14025:2010 <input type="checkbox"/> Internal <input checked="" type="checkbox"/> External Third-party verification carried out by: ICMQ SpA, via De Castillia, 10 - 20124 Milano (www.icmq.it). Accredited by Accredia.
FIELD OF APPLICATION	The study is carried out for the 600x600 mm raised floor panels family with calcium sulphate core and various coverings, produced by Nesite - Transpack Group Service Spa. In particular, the following models were considered: PG3AMP, PG6AMP, PG3AVP, PG6AVP, PG6AML, PG3AML, PG6AVL, PG3AVL, PG6AMV, PG3AMV, PG5AMV, PG9AMV, PG6AVV, PG3AVV, PG5AVV, PG9AVV, PG6AMG, PG3AMG, PG6AVG, PG3AVG, PG6AMS, PG6AVS, PG3AMS, PG3AVS, PG3AMM, PG6AMM, PG3AVM, PG6AVM, PG6AMH, PG3AMH, PG5AMH, PG6AVH, PG3AVH, PG5AVH, PG6A0H, PG3A0H, PG5A0H, PG6AMW, PG3AMW, PG6AVW, PG3AVW, PG6A00, PG3A00, PG6AM0, PG3AM0, PG6AV0, PG3AV0, PG6AB0, PG3AB0, PG6AR0, PG3AR0, PG4AR0, PG6AMH_K, PG6AVH_K, PG6A0H_K, PG6A0RA. The functional unit examined is one square metre of raised floor, produced in the factory located in via dell'Industria 19, 35028 Piove di Sacco (PD) Italy. The data collected refer to production in 2020.
UNCPC CODE	314 Boards and panels: CPC 31449 – Other fiberboard
PCR AND REFERENCE REGULATION	EPDIItaly Regulation revision 5.0 of 01/07/2020, available at www.epditaly.it. PCR ICMQ-001/15 rev 3 Construction products and construction services, EPDIItaly. Issue date: 02/12/2019. Standard EN 15804:2012 + A2:2019 - Construction sustainability. Environmental Product Declarations. Development key rules for the product category.
COMPARABILITY	Environmental Declarations published within the same product category, but from different programmes, may not be comparable. In particular, EPDs of construction products may not be comparable if they do not comply with EN 15804.
LIABILITY	Nesite by Transpack Group Service Spa shall not hold EPDIItaly liable for any failure to comply with environmental legislation. The declaration holder shall be responsible for the justifying information and evidence; EPDIItaly shall not be held liable for the manufacturer's information, nor for the data and results of the life-cycle assessment.
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Company

Founded more than fifty years ago in Padua, NESITE accompanies the best architectural international projects, collaborating over time in the realization of real monuments of contemporary cities: from the Nuvola by Fuksas in Rome, to the Louvre in Abu Dhabi by Jean Nouvel up to some major works in Milan such as WPP, Gioia 22 and the Metro Blu line.

The company produces raised floors for indoor and outdoor use, with a wide range of solutions and customizations for executive, commercial and medical buildings, large infrastructures, museums, residential complexes and public centers.

Associated with the Green Building Council Italy and with FSC® Chain of Custody certification to guarantee sourcing from certified forests, Nesite espouses a 'green' philosophy, to which it adds the possibility of customizing the flooring with finishes and materials specifically designed for the client. The drive to customise solutions, which also includes interaction with new technologies, has progressively led the brand to grow and specialise in the search for innovative solutions that have expanded the possibilities of the raised floor application, always with the utmost attention to the quality and technical performance of the system.





Field of application

The study is carried out for the raised floor panel family with calcium sulphate core, 600x600 mm, produced by Nesite - Transpack Group Service Spa. In particular, the following models were taken into consideration: PG3AMP, PG6AMP, PG3AVP, PG6AVP, PG6AML, PG3AML, PG6AVL, PG3AVL, PG6AMV, PG3AMV, PG5AMV, PG9AMV, PG6AVV, PG3AVV, PG5AVV, PG9AVV, PG6AMG, PG3AMG, PG6AVG, PG3AVG, PG6AMS, PG6AVS, PG3AMS, PG3AVS, PG3AMM, PG6AMM, PG3AVM, PG6AVM, PG6AMH, PG3AMH, PG5AMH, PG6AVH, PG3AVH, PG5AVH, PG6A0H, PG3A0H, PG5A0H, PG6AMW, PG3AMW, PG6AVW, PG3AVW, PG6A00, PG3A00, PG6AM0, PG3AM0, PG6AV0, PG3AV0, PG6AB0, PG3AB0, PG6AR0, PG3AR0, PG4AR0, PG6AMH_K, PG6AVH_K, PG6A0H_K, PG6AORA.

Nesite by Transpack Group Service Spa takes care of the selection of raw materials and their processing (gluing, squaring) to obtain the finished products. The data collected relates to the year 2020. The production process takes place entirely at the factory in via dell'Industria 19, 35028 Piove di Sacco (PD).

The system boundaries analysed fall within the "cradle to gate with modules C1-C4 and module D" typology and include the modules:

- A1-A3: production processes and consumption of energy and materials in the system considered (A1), transport of raw materials to the factory gate (A2), manufacturing processes and treatment of process waste (A3).
- C1-C4: modules related to the end-of-life of the product, from the demolition phase (C1), transport (C2), waste processing (C3) to disposal (C4)
- D: benefits of product recycling and reuse.

Table 1 shows the modules included in the analysis (identified with an X) and the Undeclared Modules, (indicated with ND).

BUILDING LIFE CYCLE ASSESSMENT														SUPPLEMENTARY INFORMATIONS		
Production phase			Construction phase			Use phase						End life phase		Advantages and loads beyond the system boundaries		
Raw materials	Transport	Production	Transport	Installation	Use	Maintenance	Repair	Replacement	Reconditioning	Energy during use	Water consumption during use	Demolition	Transport	Waste processing	Decommissioning	Potential Reuse, Recovery and Recycling
A1	A2	A3	A4	A5	B1	B2	B3	B4	B5	B6	B7	C1	C2	C3	C4	D
X	X	X	ND	ND	ND	ND	ND	ND	ND	ND	ND	X	X	X	X	X

Table 1: Modules of the EPD procedure, following the cradle-to-gate approach with modules C1-C4 and module D.

Figure 1 shows graphically the system boundaries and the processes included in each life cycle phase.

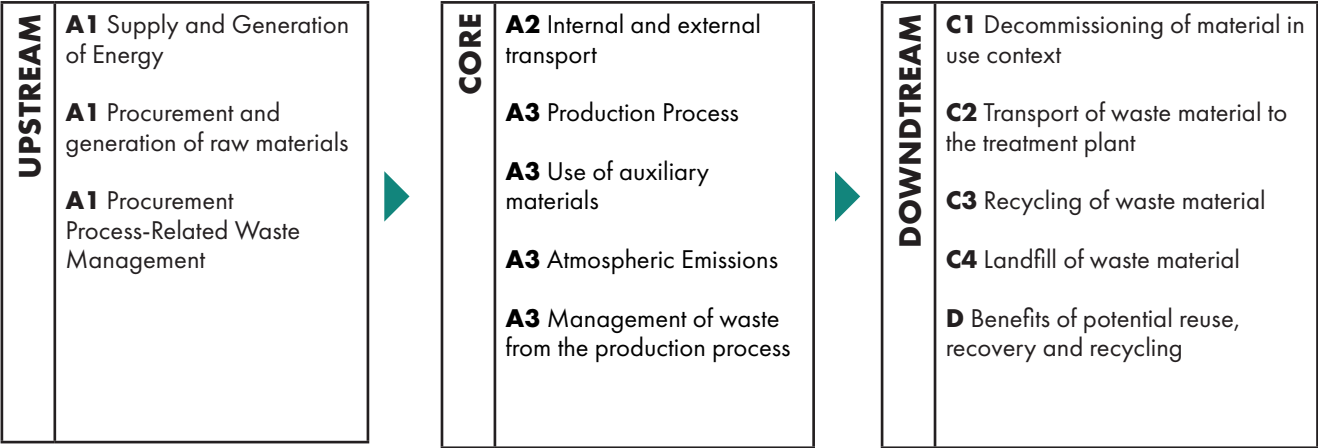


Figure 1: Life cycle presentation

Type of EPD	The EPD in question is of the type 'from cradle to gate with modules C1-C4 and module D'. The type of EPD is specific for raised floor panels with calcium sulphate core with various coverings, produced by Nesite by Transpack Group Service Spa.
Geographical validity	The performances were calculated considering the production site of Nesite by Transpack Group Service Spa in Piove di Sacco (PD). The reference market is global.
Time validity	The reference period is the calendar year 2020.
Databases used:	Ecoinvent 3.7.1
Software:	SimaPro 9.2.0.2

Product and production process description

The raised floor panels produced by Nesite - Transpack Group Service Spa consist of the following layers:

- **top finishing**, i.e. the top coating that gives the final appearance to the panel, which can be customised according to the design requirements of the building thanks to the wide range of materials and colours available. Possible finishings include: laminate, vinyl, linoleum, resin, rubber, carpet, parquet, cork and porcelain stoneware;
- **calcium sulphate core**, which has excellent mechanical and fire reaction characteristics (class A1 according to EN 13501-1), very low susceptibility to moisture and considerable sound insulation for improved footfall comfort;
- **bottom covering**, which is chosen according to the desired degree of protection and resistance; the most commonly used are: aluminum (to protect against vapour) or galvanised steel sheet and/or tray (to increase the mechanical performance), anti-dust primer.

An ABS edge trim is added to the perimeter of the panel, which, thanks to its mechanical and thermal resistance characteristics, has the purpose of protecting the panel from accidental blows and creating a perfect joint between the panels.



Nesite's products meet the requirements of the UNI EN 13501 standard for fire resistance and reaction; in addition, Nesite also offers solutions with mechanical performance that meet all load bearing classes identified by EN 12825 and is also careful to provide acoustic performance according to the requirements of UNI EN ISO 10140.

The study was carried out on the production of the 600 x 600 mm panels shown in the table below.

No substances included in the List of Substances of Very High Concern for Authorisation (SVHC) according to the REACH Regulations are present in the panels, neither above the registration limit according to the European Chemicals Agency nor above 0.1% (weight/weight).

The production line takes place entirely at the factory in Via dell'Industria 19 35028 Piove di Sacco (PD) Italy.

Starting with the calcium sulphate core, an aluminium foil is glued to the bottom side with vinyl glues according to customer requirements. As alternative to the aluminium foil, also a galvanised steel tray, or a dustproof primer can be provided. Next, the top finish is glued on with vinyl glues; depending on the model chosen by the customer, a wide range of finishes can be selected, including laminate, vinyl, rubber, linoleum, parquet, carpet, cork. The intermediate products thus composed are squared-edged. During squaring, the panel is fitted with a custom-cut ABS edge. The finished products are automatically stacked on a wooden pallet, strapped, fitted with a cardboard cap and transported on rollers to the packing area for labelling. Finished products, ready for shipment to the customer, are stored in warehouses within the factory.

Results

Below are tables summarising the total impacts, relative to each indicator, for each average product, consisting of a core with an average thickness and various finishes and ennoblements.

Disclaimers:

-IRP: this impact category mainly concerns the possible impact of low-dose ionising radiation on human health from the nuclear fuel cycle. It does not consider effects due to possible nuclear accidents, exposure during work activities or due to the dumping of radioactive waste in underground facilities. Potential ionising radiation from soil, radon and other building materials is also not measured by this indicator.

-ADPF, ADPE, Water Use, ETP-fw, HTP-c, HTP-nc, SQP: The results of these environmental impact indicators should be used with caution as the uncertainties of these results are high or as there is limited experience with these indicators.

PGXA00 (PG6A00, PG3A00)

ENVIRONMENTAL IMPACT INDICATORS	Impact category	UM	A1	A2	A3	A1-A3	C1	C2	C3	C4	D
	GWP	Kg CO2eq	1,86E+01	6,50E+00	5,63E-02	2,52E+01	0,00E+00	2,32E-01	0,00E+00	5,76E-01	-6,74E-03
	GWP-fossil	Kg CO2eq	2,42E+01	6,49E+00	9,75E-01	3,16E+01	0,00E+00	2,31E-01	0,00E+00	5,70E-01	-6,76E-03
	GWP-biogenic	Kg CO2eq	-5,55E+00	1,57E-02	-9,20E-01	-6,45E+00	0,00E+00	6,57E-04	0,00E+00	5,48E-03	2,36E-05
	GWP-land use	Kg CO2eq	1,95E-02	2,20E-03	1,67E-03	2,34E-02	0,00E+00	9,67E-05	0,00E+00	2,49E-04	-2,25E-06
	GWP-uptake	Kg CO2eq	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
	ODP	Kg CFC11 eq	1,73E-06	1,49E-06	7,67E-08	3,29E-06	0,00E+00	5,14E-08	0,00E+00	1,77E-07	-4,06E-10
	AP	Mol H+ eq.	1,72E-01	3,25E-02	2,53E-03	2,07E-01	0,00E+00	1,11E-03	0,00E+00	4,82E-03	-4,30E-05
	EP-freshwater	Kg PO4 eq.	7,72E-03	4,40E-04	1,36E-04	8,30E-03	0,00E+00	1,82E-05	0,00E+00	1,68E-04	-2,46E-06
	EP-marine	Kg N eq.	3,19E-02	1,13E-02	9,61E-04	4,42E-02	0,00E+00	3,76E-04	0,00E+00	1,67E-03	-1,29E-05
	EP-terrestrial	Mol N eq.	3,33E-01	1,24E-01	8,63E-03	4,66E-01	0,00E+00	4,10E-03	0,00E+00	1,82E-02	-1,59E-04
	POCP	Kg NMVOC eq.	9,31E-02	3,53E-02	2,02E-01	3,31E-01	0,00E+00	1,17E-03	0,00E+00	5,25E-03	-5,11E-05
	ADPF	MJ	3,04E+02	9,89E+01	8,29E+00	4,11E+02	0,00E+00	3,48E+00	0,00E+00	1,34E+01	-7,21E-02
	ADPE	Kg Sb eq.	6,12E-05	2,35E-05	2,85E-06	8,76E-05	0,00E+00	1,10E-06	0,00E+00	1,87E-06	-8,64E-09
Water Use	m3 world eq deprived	6,41E+00	2,82E-01	1,88E-01	6,88E+00	0,00E+00	1,09E-02	0,00E+00	5,84E-01	-1,24E-03	

RESOURCES USE	Impact category	UM	A1	A2	A3	A1-A3	C1	C2	C3	C4	D
	PERE	MJ	1,14E+02	1,33E+00	1,23E+01	1,28E+02	0,00E+00	5,61E-02	0,00E+00	2,23E-01	-1,94E-03
	PERM	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
	PERT	MJ	1,14E+02	1,33E+00	1,23E+01	1,28E+02	0,00E+00	5,61E-02	0,00E+00	2,23E-01	-1,94E-03
	PENRE	MJ	3,24E+02	1,05E+02	8,88E+00	4,38E+02	0,00E+00	3,70E+00	0,00E+00	1,43E+01	-7,61E-02
	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
	PENRT	MJ	3,24E+02	1,05E+02	8,88E+00	4,38E+02	0,00E+00	3,70E+00	0,00E+00	1,43E+01	-7,61E-02
	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
	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
	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
	FW	m3	2,02E-01	1,07E-02	5,62E-03	2,18E-01	0,00E+00	4,26E-04	0,00E+00	1,42E-02	-3,41E-05

WASTE PRODUCTION AND OUTPUT FLOWS	Impact category	UM	A1	A2	A3	A1-A3	C1	C2	C3	C4	D
	HWD	kg	1,03E-03	2,58E-04	1,40E-05	1,30E-03	0,00E+00	9,29E-06	0,00E+00	2,02E-05	-6,12E-07
	NHWD	kg	2,73E+00	4,76E+00	8,60E-01	8,34E+00	0,00E+00	1,37E-01	0,00E+00	5,45E+01	-2,90E-04
	RWD	kg	7,94E-04	6,77E-04	3,49E-05	1,51E-03	0,00E+00	2,36E-05	0,00E+00	8,07E-05	-1,52E-07
	CRU	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
	MFR	kg	0,00E+00	0,00E+00	1,56E+00	1,56E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
	MER	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
	EEE	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
	EET	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

ADDITIONAL INDICATORS	Impact category	UM	A1	A2	A3	A1-A3	C1	C2	C3	C4	D
	PM	disease inc.	2,08E-06	4,67E-07	1,49E-05	1,74E-05	0,00E+00	1,45E-08	0,00E+00	9,35E-08	-7,54E-10
	IRP	kBq U235 eq.	1,64E+00	5,17E-01	5,13E-02	2,21E+00	0,00E+00	1,88E-02	0,00E+00	6,37E-02	-2,23E-04
	ETP-fw	CTUe	6,95E+02	7,56E+01	9,04E+00	7,79E+02	0,00E+00	2,78E+00	0,00E+00	9,49E+00	-1,04E+00
	HTP-nc	CTUh	3,17E-07	7,68E-08	3,18E-07	7,12E-07	0,00E+00	2,68E-09	0,00E+00	5,87E-09	-1,26E-10
	HTP-c	CTUh	1,45E-08	2,69E-09	1,42E-08	3,14E-08	0,00E+00	1,11E-10	0,00E+00	4,41E-10	-3,05E-11
	SQP	Pt	6,76E+02	6,84E+01	6,75E+01	8,12E+02	0,00E+00	2,06E+00	0,00E+00	3,23E+01	-1,35E-02

PGXABO (PG6ABO, PG3ABO)

ENVIRONMENTAL IMPACT INDICATORS	Impact category	UM	A1	A2	A3	A1-A3	C1	C2	C3	C4	D
	GWP	Kg CO2eq	2,70E+01	6,51E+00	5,63E-02	3,35E+01	0,00E+00	2,35E-01	0,00E+00	5,83E-01	-6,74E-03
	GWP-fossil	Kg CO2eq	2,57E+01	6,49E+00	9,75E-01	3,32E+01	0,00E+00	2,34E-01	0,00E+00	5,77E-01	-6,76E-03
	GWP-biogenic	Kg CO2eq	1,22E+00	1,57E-02	-9,20E-01	3,12E-01	0,00E+00	6,65E-04	0,00E+00	5,55E-03	2,36E-05
	GWP-land use	Kg CO2eq	1,45E-02	2,20E-03	1,67E-03	1,84E-02	0,00E+00	9,79E-05	0,00E+00	2,52E-04	-2,25E-06
	GWP-uptake	Kg CO2eq	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
	ODP	Kg CFC11 eq	1,61E-06	1,49E-06	7,67E-08	3,17E-06	0,00E+00	5,20E-08	0,00E+00	1,79E-07	-4,06E-10
	AP	Mol H+ eq.	1,92E-01	3,25E-02	2,53E-03	2,27E-01	0,00E+00	1,12E-03	0,00E+00	4,88E-03	-4,30E-05
	EP-freshwater	Kg PO4 eq.	8,94E-03	4,40E-04	1,36E-04	9,51E-03	0,00E+00	1,85E-05	0,00E+00	1,70E-04	-2,46E-06
	EP-marine	Kg N eq.	3,33E-02	1,14E-02	9,61E-04	4,57E-02	0,00E+00	3,81E-04	0,00E+00	1,69E-03	-1,29E-05
	EP-terrestrial	Mol N eq.	3,45E-01	1,24E-01	8,63E-03	4,78E-01	0,00E+00	4,15E-03	0,00E+00	1,84E-02	-1,59E-04
	POCP	Kg NMVOC eq.	9,57E-02	3,53E-02	2,02E-01	3,33E-01	0,00E+00	1,19E-03	0,00E+00	5,31E-03	-5,11E-05
	ADPF	MJ	3,05E+02	9,90E+01	8,29E+00	4,13E+02	0,00E+00	3,52E+00	0,00E+00	1,36E+01	-7,21E-02
	ADPE	Kg Sb eq.	5,04E-05	2,36E-05	2,85E-06	7,68E-05	0,00E+00	1,12E-06	0,00E+00	1,89E-06	-8,64E-09
Water Use	m3 world eq deprived	5,74E+00	2,82E-01	1,88E-01	6,21E+00	0,00E+00	1,11E-02	0,00E+00	5,91E-01	-1,24E-03	

RESOURCES USE	Impact category	UM	A1	A2	A3	A1-A3	C1	C2	C3	C4	D
	PERE	MJ	2,72E+01	1,33E+00	1,23E+01	4,08E+01	0,00E+00	5,68E-02	0,00E+00	2,25E-01	-1,94E-03
	PERM	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
	PERT	MJ	2,72E+01	1,33E+00	1,23E+01	4,08E+01	0,00E+00	5,68E-02	0,00E+00	2,25E-01	-1,94E-03
	PENRE	MJ	3,12E+02	1,05E+02	8,88E+00	4,26E+02	0,00E+00	3,74E+00	0,00E+00	1,45E+01	-7,61E-02
	PENRM	MJ	1,34E+01	0,00E+00	0,00E+00	1,34E+01	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
	PENRT	MJ	3,25E+02	1,05E+02	8,88E+00	4,39E+02	0,00E+00	3,74E+00	0,00E+00	1,45E+01	-7,61E-02
	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
	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
	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
	FW	m3	1,84E-01	1,07E-02	5,62E-03	2,00E-01	0,00E+00	4,31E-04	0,00E+00	1,44E-02	-3,41E-05

WASTE PRODUCTION AND OUTPUT FLOWS	Impact category	UM	A1	A2	A3	A1-A3	C1	C2	C3	C4	D
	HWD	kg	2,58E-04	1,40E-05	1,97E-03	0,00E+00	9,40E-06	0,00E+00	2,05E-05	-6,12E-07	2,58E-04
	NHWD	kg	4,77E+00	8,60E-01	8,54E+00	0,00E+00	1,39E-01	0,00E+00	5,52E+01	-2,90E-04	4,77E+00
	RWD	kg	6,78E-04	3,49E-05	1,47E-03	0,00E+00	2,39E-05	0,00E+00	8,17E-05	-1,52E-07	6,78E-04
	CRU	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
	MFR	kg	0,00E+00	1,59E+00	1,59E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
	MER	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
	EEE	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
	EET	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

ADDITIONAL INDICATORS	Impact category	UM	A1	A2	A3	A1-A3	C1	C2	C3	C4	D
	PM	disease inc.	1,99E-06	4,68E-07	1,49E-05	1,74E-05	0,00E+00	1,47E-08	0,00E+00	9,47E-08	-7,54E-10
	IRP	kBq U235 eq.	1,62E+00	5,17E-01	5,13E-02	2,19E+00	0,00E+00	1,90E-02	0,00E+00	6,45E-02	-2,23E-04
	ETP-fw	CTUe	6,92E+02	7,57E+01	9,04E+00	7,77E+02	0,00E+00	2,81E+00	0,00E+00	9,60E+00	-1,04E+00
	HTP-nc	CTUh	3,12E-07	7,68E-08	3,18E-07	7,07E-07	0,00E+00	2,71E-09	0,00E+00	5,94E-09	-1,26E-10
	HTP-c	CTUh	1,43E-08	2,70E-09	1,42E-08	3,13E-08	0,00E+00	1,13E-10	0,00E+00	4,47E-10	-3,05E-11
	SQP	Pt	1,30E+02	6,85E+01	6,75E+01	2,66E+02	0,00E+00	2,09E+00	0,00E+00	3,27E+01	-1,35E-02

PGXARO (PG6ARO, PG3ARO, PG4ARO)

ENVIRONMENTAL IMPACT INDICATORS	Impact category	UM	A1	A2	A3	A1-A3	C1	C2	C3	C4	D
	GWP	Kg CO ₂ eq	3,85E+01	6,52E+00	5,63E-02	4,50E+01	0,00E+00	2,60E-01	0,00E+00	6,46E-01	-6,74E-03
	GWP-fossil	Kg CO ₂ eq	3,69E+01	6,50E+00	9,75E-01	4,44E+01	0,00E+00	2,59E-01	0,00E+00	6,39E-01	-6,76E-03
	GWP-biogenic	Kg CO ₂ eq	1,54E+00	1,57E-02	-9,20E-01	6,38E-01	0,00E+00	7,37E-04	0,00E+00	6,14E-03	2,36E-05
	GWP-land use	Kg CO ₂ eq	3,78E-02	2,20E-03	1,67E-03	4,17E-02	0,00E+00	1,08E-04	0,00E+00	2,79E-04	-2,25E-06
	GWP-uptake	Kg CO ₂ eq	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
	ODP	Kg CFC11 eq	3,01E-06	1,49E-06	7,67E-08	4,57E-06	0,00E+00	5,76E-08	0,00E+00	1,98E-07	-4,06E-10
	AP	Mol H+ eq.	8,80E-01	3,26E-02	2,53E-03	9,15E-01	0,00E+00	1,25E-03	0,00E+00	5,40E-03	-4,30E-05
	EP-freshwater	Kg PO ₄ eq.	1,62E-02	4,40E-04	1,36E-04	1,67E-02	0,00E+00	2,05E-05	0,00E+00	1,88E-04	-2,46E-06
	EP-marine	Kg N eq.	6,90E-02	1,14E-02	9,61E-04	8,14E-02	0,00E+00	4,21E-04	0,00E+00	1,87E-03	-1,29E-05
	EP-terrestrial	Mol N eq.	3,40E+00	1,24E-01	8,63E-03	3,54E+00	0,00E+00	4,60E-03	0,00E+00	2,04E-02	-1,59E-04
	POCP	Kg NMVOC eq.	1,48E-01	3,54E-02	2,02E-01	3,86E-01	0,00E+00	1,32E-03	0,00E+00	5,88E-03	-5,11E-05
	ADPF	MJ	4,86E+02	9,91E+01	8,29E+00	5,93E+02	0,00E+00	3,90E+00	0,00E+00	1,51E+01	-7,21E-02
	ADPE	Kg Sb eq.	2,24E-03	2,36E-05	2,85E-06	2,26E-03	0,00E+00	1,24E-06	0,00E+00	2,10E-06	-8,64E-09
Water Use	m ³ world eq deprived	1,60E+01	2,82E-01	1,88E-01	1,64E+01	0,00E+00	1,22E-02	0,00E+00	6,55E-01	-1,24E-03	

RESOURCES USE	Impact category	UM	A1	A2	A3	A1-A3	C1	C2	C3	C4	D
	PERE	MJ	4,63E+01	1,34E+00	1,23E+01	5,99E+01	0,00E+00	6,29E-02	0,00E+00	2,50E-01	-1,94E-03
	PERM	MJ	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00	0,00E+00	0,00	0,00	0,00E+00
	PERT	MJ	4,63E+01	1,34E+00	1,23E+01	5,99E+01	0,00E+00	6,29E-02	0,00E+00	2,50E-01	-1,94E-03
	PENRE	MJ	5,01E+02	1,05E+02	8,88E+00	6,15E+02	0,00E+00	4,14E+00	0,00E+00	1,60E+01	-7,61E-02
	PENRM	MJ	1,85E+01	0,00E+00	0,00E+00	1,85E+01	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
	PENRT	MJ	5,19E+02	1,05E+02	8,88E+00	6,33E+02	0,00E+00	4,14E+00	0,00E+00	1,60E+01	-7,61E-02
	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
	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
	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
	FW	m ³	5,03E-01	1,07E-02	5,62E-03	5,19E-01	0,00E+00	4,78E-04	0,00E+00	1,59E-02	-3,41E-05

WASTE PRODUCTION AND OUTPUT FLOWS	Impact category	UM	A1	A2	A3	A1-A3	C1	C2	C3	C4	D
	HWD	kg	1,28E-02	2,58E-04	1,40E-05	1,30E-02	0,00E+00	1,04E-05	0,00E+00	2,27E-05	-6,12E-07
	NHWD	kg	7,66E+00	4,77E+00	8,60E-01	1,33E+01	0,00E+00	1,54E-01	0,00E+00	6,11E+01	-2,90E-04
	RWD	kg	1,45E-03	6,79E-04	3,49E-05	2,16E-03	0,00E+00	2,65E-05	0,00E+00	9,05E-05	-1,52E-07
	CRU	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
	MFR	kg	0,00E+00	0,00E+00	1,59E+00	1,59E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
	MER	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
	EEE	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
	EET	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

ADDITIONAL INDICATORS	Impact category	UM	A1	A2	A3	A1-A3	C1	C2	C3	C4	D
	PM	disease inc.	7,25E-06	4,68E-07	1,49E-05	2,26E-05	0,00E+00	1,62E-08	0,00E+00	1,05E-07	-7,54E-10
	IRP	kBq U235 eq.	3,45E+00	5,18E-01	5,13E-02	4,02E+00	0,00E+00	2,11E-02	0,00E+00	7,14E-02	-2,23E-04
	ETP-fw	CTUe	1,79E+03	7,58E+01	9,04E+00	1,88E+03	0,00E+00	3,11E+00	0,00E+00	1,06E+01	-1,04E+00
	HTP-nc	CTUh	1,21E-06	7,69E-08	3,18E-07	1,61E-06	0,00E+00	3,01E-09	0,00E+00	6,58E-09	-1,26E-10
	HTP-c	CTUh	1,88E-07	2,70E-09	1,42E-08	2,05E-07	0,00E+00	1,25E-10	0,00E+00	4,95E-10	-3,05E-11
	SQP	Pt	1,95E+02	6,86E+01	6,75E+01	3,31E+02	0,00E+00	2,31E+00	0,00E+00	3,62E+01	-1,35E-02

PGXAV0 (PG6AV0, PG3AV0)

ENVIRONMENTAL IMPACT INDICATORS	Impact category	UM	A1	A2	A3	A1-A3	C1	C2	C3	C4	D
	GWP	Kg CO2eq	1,86E+01	6,52E+00	5,63E-02	2,52E+01	0,00E+00	2,47E-01	0,00E+00	6,14E-01	-6,74E-03
	GWP-fossil	Kg CO2eq	2,42E+01	6,50E+00	9,75E-01	3,17E+01	0,00E+00	2,46E-01	0,00E+00	6,08E-01	-6,76E-03
	GWP-biogenic	Kg CO2eq	-5,55E+00	1,57E-02	-9,20E-01	-6,45E+00	0,00E+00	7,00E-04	0,00E+00	5,84E-03	2,36E-05
	GWP-land use	Kg CO2eq	1,95E-02	2,20E-03	1,67E-03	2,34E-02	0,00E+00	1,03E-04	0,00E+00	2,65E-04	-2,25E-06
	GWP-uptake	Kg CO2eq	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
	ODP	Kg CFC11 eq	1,73E-06	1,49E-06	7,67E-08	3,30E-06	0,00E+00	5,48E-08	0,00E+00	1,88E-07	-4,06E-10
	AP	Mol H+ eq.	1,72E-01	3,26E-02	2,53E-03	2,07E-01	0,00E+00	1,18E-03	0,00E+00	5,14E-03	-4,30E-05
	EP-freshwater	Kg PO4 eq.	7,72E-03	4,40E-04	1,36E-04	8,30E-03	0,00E+00	1,94E-05	0,00E+00	1,79E-04	-2,46E-06
	EP-marine	Kg N eq.	3,19E-02	1,14E-02	9,61E-04	4,43E-02	0,00E+00	4,01E-04	0,00E+00	1,78E-03	-1,29E-05
	EP-terrestrial	Mol N eq.	3,33E-01	1,24E-01	8,63E-03	4,66E-01	0,00E+00	4,37E-03	0,00E+00	1,94E-02	-1,59E-04
	POCP	Kg NMVOC eq.	9,31E-02	3,54E-02	2,02E-01	3,31E-01	0,00E+00	1,25E-03	0,00E+00	5,59E-03	-5,11E-05
	ADPF	MJ	3,04E+02	9,91E+01	8,29E+00	4,11E+02	0,00E+00	3,71E+00	0,00E+00	1,43E+01	-7,21E-02
	ADPE	Kg Sb eq.	6,12E-05	2,36E-05	2,85E-06	8,77E-05	0,00E+00	1,18E-06	0,00E+00	1,99E-06	-8,64E-09
Water Use	m3 world eq deprived	6,41E+00	2,82E-01	1,88E-01	6,88E+00	0,00E+00	1,16E-02	0,00E+00	6,23E-01	-1,24E-03	

RESOURCES USE	Impact category	UM	A1	A2	A3	A1-A3	C1	C2	C3	C4	D
	PERE	MJ	1,14E+02	1,34E+00	1,23E+01	1,28E+02	0,00E+00	5,98E-02	0,00E+00	2,37E-01	-1,94E-03
	PERM	MJ	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00	0,00E+00	0,00	0,00	0,00E+00
	PERT	MJ	1,14E+02	1,34E+00	1,23E+01	1,28E+02	0,00E+00	5,98E-02	0,00E+00	2,37E-01	-1,94E-03
	PENRE	MJ	3,11E+02	1,05E+02	8,88E+00	4,25E+02	0,00E+00	3,94E+00	0,00E+00	1,52E+01	-7,61E-02
	PENRM	MJ	1,34E+01	0,00E+00	0,00E+00	1,34E+01	0,00	0,00E+00	0,00	0,00	0,00E+00
	PENRT	MJ	3,24E+02	1,05E+02	8,88E+00	4,38E+02	0,00E+00	3,94E+00	0,00E+00	1,52E+01	-7,61E-02
	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
	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
	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
	FW	m3	2,02E-01	1,07E-02	5,62E-03	2,18E-01	0,00E+00	4,54E-04	0,00E+00	1,51E-02	-3,41E-05

WASTE PRODUCTION AND OUTPUT FLOWS	Impact category	UM	A1	A2	A3	A1-A3	C1	C2	C3	C4	D
	HWD	kg	1,03E-03	2,58E-04	1,40E-05	1,30E-03	0,00E+00	9,90E-06	0,00E+00	2,16E-05	-6,12E-07
	NHWD	kg	2,73E+00	4,77E+00	8,60E-01	8,36E+00	0,00E+00	1,46E-01	0,00E+00	5,81E+01	-2,90E-04
	RWD	kg	7,94E-04	6,79E-04	3,49E-05	1,51E-03	0,00E+00	2,52E-05	0,00E+00	8,60E-05	-1,52E-07
	CRU	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
	MFR	kg	0,00E+00	0,00E+00	1,59E+00	1,59E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
	MER	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
	EEE	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
	EET	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

ADDITIONAL INDICATORS	Impact category	UM	A1	A2	A3	A1-A3	C1	C2	C3	C4	D
	PM	disease inc.	2,08E-06	4,68E-07	1,49E-05	1,74E-05	0,00E+00	1,54E-08	0,00E+00	9,97E-08	-7,54E-10
	IRP	kBq U235 eq.	1,64E+00	5,18E-01	5,13E-02	2,21E+00	0,00E+00	2,00E-02	0,00E+00	6,79E-02	-2,23E-04
	ETP-fw	CTUe	6,95E+02	7,58E+01	9,04E+00	7,79E+02	0,00E+00	2,96E+00	0,00E+00	1,01E+01	-1,04E+00
	HTP-nc	CTUh	3,17E-07	7,69E-08	3,18E-07	7,12E-07	0,00E+00	2,86E-09	0,00E+00	6,26E-09	-1,26E-10
	HTP-c	CTUh	1,45E-08	2,70E-09	1,42E-08	3,14E-08	0,00E+00	1,19E-10	0,00E+00	4,70E-10	-3,05E-11
	SQP	Pt	6,76E+02	6,86E+01	6,75E+01	8,12E+02	0,00E+00	2,20E+00	0,00E+00	3,44E+01	-1,35E-02

PGXAM0 (PG6AM0, PG3AM0)

ENVIRONMENTAL IMPACT INDICATORS	Impct category	UM	A1	A2	A3	A1-A3	C1	C2	C3	C4	D
	GWP	Kg CO2eq	1,86E+01	6,51E+00	5,63E-02	2,52E+01	0,00E+00	2,34E-01	0,00E+00	5,80E-01	-6,74E-03
	GWP-fossil	Kg CO2eq	2,42E+01	6,49E+00	9,75E-01	3,16E+01	0,00E+00	2,33E-01	0,00E+00	5,75E-01	-6,76E-03
	GWP-biogenic	Kg CO2eq	-5,55E+00	1,57E-02	-9,20E-01	-6,45E+00	0,00E+00	6,62E-04	0,00E+00	5,52E-03	2,36E-05
	GWP-land use	Kg CO2eq	1,95E-02	2,20E-03	1,67E-03	2,34E-02	0,00E+00	9,75E-05	0,00E+00	2,51E-04	-2,25E-06
	GWP-uptake	Kg CO2eq	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
	ODP	Kg CFC11 eq	1,73E-06	1,49E-06	7,67E-08	3,29E-06	0,00E+00	5,18E-08	0,00E+00	1,78E-07	-4,06E-10
	AP	Mol H+ eq.	1,72E-01	3,25E-02	2,53E-03	2,07E-01	0,00E+00	1,12E-03	0,00E+00	4,86E-03	-4,30E-05
	EP-freshwater	Kg PO4 eq.	7,72E-03	4,40E-04	1,36E-04	8,30E-03	0,00E+00	1,84E-05	0,00E+00	1,69E-04	-2,46E-06
	EP-marine	Kg N eq.	3,19E-02	1,13E-02	9,61E-04	4,42E-02	0,00E+00	3,79E-04	0,00E+00	1,69E-03	-1,29E-05
	EP-terrestrial	Mol N eq.	3,33E-01	1,24E-01	8,63E-03	4,66E-01	0,00E+00	4,13E-03	0,00E+00	1,83E-02	-1,59E-04
	POCP	Kg NMVOC eq.	9,31E-02	3,53E-02	2,02E-01	3,31E-01	0,00E+00	1,18E-03	0,00E+00	5,29E-03	-5,11E-05
	ADPF	MJ	3,04E+02	9,90E+01	8,29E+00	4,11E+02	0,00E+00	3,51E+00	0,00E+00	1,35E+01	-7,21E-02
	ADPE	Kg Sb eq.	6,12E-05	2,36E-05	2,85E-06	8,76E-05	0,00E+00	1,11E-06	0,00E+00	1,89E-06	-8,64E-09
Water Use	m3 world eq deprived	6,41E+00	2,82E-01	1,88E-01	6,88E+00	0,00E+00	1,10E-02	0,00E+00	5,89E-01	-1,24E-03	

RESOURCES USE	Impct category	UM	A1	A2	A3	A1-A3	C1	C2	C3	C4	D
	PERE	MJ	1,14E+02	1,33E+00	1,23E+01	1,28E+02	0,00E+00	5,65E-02	0,00E+00	2,24E-01	-1,94E-03
	PERM	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
	PERT	MJ	1,14E+02	1,33E+00	1,23E+01	1,28E+02	0,00E+00	5,65E-02	0,00E+00	2,24E-01	-1,94E-03
	PENRE	MJ	3,13E+02	1,05E+02	8,88E+00	4,27E+02	0,00E+00	3,72E+00	0,00E+00	1,44E+01	-7,61E-02
	PENRM	MJ	1,08E+01	0,00E+00	0,00E+00	1,08E+01	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
	PENRT	MJ	3,24E+02	1,05E+02	8,88E+00	4,38E+02	0,00E+00	3,72E+00	0,00E+00	1,44E+01	-7,61E-02
	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
	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
	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
	FW	m3	2,02E-01	1,07E-02	5,62E-03	2,18E-01	0,00E+00	4,29E-04	0,00E+00	1,43E-02	-3,41E-05

WASTE PRODUCTION AND OUTPUT FLOWS	Impct category	UM	A1	A2	A3	A1-A3	C1	C2	C3	C4	D
	HWD	kg	1,03E-03	2,58E-04	1,40E-05	1,30E-03	0,00E+00	9,36E-06	0,00E+00	2,04E-05	-6,12E-07
	NHWD	kg	2,73E+00	4,76E+00	8,60E-01	8,35E+00	0,00E+00	1,38E-01	0,00E+00	5,50E+01	-2,90E-04
	RWD	kg	7,94E-04	6,78E-04	3,49E-05	1,51E-03	0,00E+00	2,38E-05	0,00E+00	8,13E-05	-1,52E-07
	CRU	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
	MFR	kg	0,00E+00	0,00E+00	1,59E+00	1,59E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
	MER	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
	EEE	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
	EET	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

ADDITIONAL INDICATORS	Impct category	UM	A1	A2	A3	A1-A3	C1	C2	C3	C4	D
	PM	disease inc.	2,08E-06	4,67E-07	1,49E-05	1,74E-05	0,00E+00	1,46E-08	0,00E+00	9,42E-08	-7,54E-10
	IRP	kBq U235 eq.	1,64E+00	5,17E-01	5,13E-02	2,21E+00	0,00E+00	1,89E-02	0,00E+00	6,42E-02	-2,23E-04
	ETP-fw	CTUe	6,95E+02	7,57E+01	9,04E+00	7,79E+02	0,00E+00	2,80E+00	0,00E+00	9,56E+00	-1,04E+00
	HTP-nc	CTUh	3,17E-07	7,68E-08	3,18E-07	7,12E-07	0,00E+00	2,70E-09	0,00E+00	5,92E-09	-1,26E-10
	HTP-c	CTUh	1,45E-08	2,70E-09	1,42E-08	3,14E-08	0,00E+00	1,12E-10	0,00E+00	4,45E-10	-3,05E-11
	SQP	Pt	6,76E+02	6,84E+01	6,75E+01	8,12E+02	0,00E+00	2,08E+00	0,00E+00	3,25E+01	-1,35E-02

PGXA0H (PG6A0H, PG3A0H, PG5A0H)

ENVIRONMENTAL IMPACT INDICATORS	Impact category	UM	A1	A2	A3	A1-A3	C1	C2	C3	C4	D
	GWP	Kg CO ₂ eq	4,24E+01	6,88E+00	5,63E-02	4,94E+01	0,00E+00	3,42E-01	0,00E+00	8,50E-01	-6,74E-03
	GWP-fossil	Kg CO ₂ eq	4,13E+01	6,86E+00	9,75E-01	4,91E+01	0,00E+00	3,41E-01	0,00E+00	8,41E-01	-6,76E-03
	GWP-biogenic	Kg CO ₂ eq	1,08E+00	1,65E-02	-9,20E-01	1,80E-01	0,00E+00	9,69E-04	0,00E+00	8,08E-03	2,36E-05
	GWP-land use	Kg CO ₂ eq	3,31E-02	2,31E-03	1,67E-03	3,71E-02	0,00E+00	1,43E-04	0,00E+00	3,67E-04	-2,25E-06
	GWP-uptake	Kg CO ₂ eq	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
	ODP	Kg CFC11 eq	3,52E-06	1,57E-06	7,67E-08	5,17E-06	0,00E+00	7,58E-08	0,00E+00	2,61E-07	-4,06E-10
	AP	Mol H+ eq.	2,47E-01	3,44E-02	2,53E-03	2,84E-01	0,00E+00	1,64E-03	0,00E+00	7,11E-03	-4,30E-05
	EP-freshwater	Kg PO ₄ eq.	1,25E-02	4,64E-04	1,36E-04	1,31E-02	0,00E+00	2,69E-05	0,00E+00	2,48E-04	-2,46E-06
	EP-marine	Kg N eq.	4,79E-02	1,20E-02	9,61E-04	6,08E-02	0,00E+00	5,55E-04	0,00E+00	2,47E-03	-1,29E-05
	EP-terrestrial	Mol N eq.	5,23E-01	1,31E-01	8,63E-03	6,63E-01	0,00E+00	6,05E-03	0,00E+00	2,68E-02	-1,59E-04
	POCP	Kg NMVOC eq.	1,43E-01	3,74E-02	2,02E-01	3,83E-01	0,00E+00	1,73E-03	0,00E+00	7,74E-03	-5,11E-05
	ADPF	MJ	5,44E+02	1,05E+02	8,29E+00	6,57E+02	0,00E+00	5,14E+00	0,00E+00	1,98E+01	-7,21E-02
	ADPE	Kg Sb eq.	8,64E-04	2,44E-05	2,85E-06	8,91E-04	0,00E+00	1,63E-06	0,00E+00	2,76E-06	-8,64E-09
Water Use	m ³ world eq deprived	1,17E+01	3,01E-01	1,88E-01	1,22E+01	0,00E+00	1,61E-02	0,00E+00	8,62E-01	-1,24E-03	

RESOURCES USE	Impact category	UM	A1	A2	A3	A1-A3	C1	C2	C3	C4	D
	PERE	MJ	4,92E+01	1,40E+00	1,23E+01	6,29E+01	0,00E+00	8,27E-02	0,00E+00	3,28E-01	-1,94E-03
	PERM	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
	PERT	MJ	4,92E+01	1,40E+00	1,23E+01	6,29E+01	0,00E+00	8,27E-02	0,00E+00	3,28E-01	-1,94E-03
	PENRE	MJ	5,60E+02	1,11E+02	8,88E+00	6,80E+02	0,00E+00	5,45E+00	0,00E+00	2,11E+01	-7,61E-02
	PENRM	MJ	2,42E+01	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	5,84E+02	1,11E+02	8,88E+00	7,04E+02	0,00E+00	5,45E+00	0,00E+00	2,11E+01	-7,61E-02
	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
	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
	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
	FW	m ³	3,60E-01	1,14E-02	5,62E-03	3,77E-01	0,00E+00	6,28E-04	0,00E+00	2,10E-02	-3,41E-05

WASTE PRODUCTION AND OUTPUT FLOWS	Impact category	UM	A1	A2	A3	A1-A3	C1	C2	C3	C4	D
	HWD	kg	2,42E-01	2,72E-04	1,40E-05	2,42E-01	0,00E+00	1,37E-05	0,00E+00	2,98E-05	-6,12E-07
	NHWD	kg	9,06E+00	5,27E+00	8,60E-01	1,52E+01	0,00E+00	2,03E-01	0,00E+00	8,04E+01	-2,90E-04
	RWD	kg	1,35E-03	7,18E-04	3,49E-05	2,10E-03	0,00E+00	3,48E-05	0,00E+00	1,19E-04	-1,52E-07
	CRU	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
	MFR	kg	0,00E+00	0,00E+00	1,73E+00	1,73E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
	MER	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
	EEE	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
	EET	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

ADDITIONAL INDICATORS	Impact category	UM	A1	A2	A3	A1-A3	C1	C2	C3	C4	D
	PM	disease inc.	5,47E-05	5,02E-07	1,49E-05	7,01E-05	0,00E+00	2,14E-08	0,00E+00	1,38E-07	-7,54E-10
	IRP	kBq U235 eq.	2,77E+00	5,47E-01	5,13E-02	3,37E+00	0,00E+00	2,77E-02	0,00E+00	9,39E-02	-2,23E-04
	ETP-fw	CTUe	1,18E+03	8,01E+01	9,04E+00	1,27E+03	0,00E+00	4,10E+00	0,00E+00	1,40E+01	-1,04E+00
	HTP-nc	CTUh	8,47E-07	8,16E-08	3,18E-07	1,25E-06	0,00E+00	3,95E-09	0,00E+00	8,66E-09	-1,26E-10
	HTP-c	CTUh	3,17E-08	2,83E-09	1,42E-08	4,87E-08	0,00E+00	1,64E-10	0,00E+00	6,51E-10	-3,05E-11
	SQP	Pt	3,35E+02	7,51E+01	6,75E+01	4,77E+02	0,00E+00	3,04E+00	0,00E+00	4,76E+01	-1,35E-02

PGXAVH (PG6AVH, PG3AVH, PG5AVH)

ENVIRONMENTAL IMPACT INDICATORS	Impact category	UM	A1	A2	A3	A1-A3	C1	C2	C3	C4	D
	GWP	Kg CO ₂ eq	5,17E+01	6,89E+00	5,63E-02	5,86E+01	0,00E+00	3,57E-01	0,00E+00	8,86E-01	-6,74E-03
	GWP-fossil	Kg CO ₂ eq	5,04E+01	6,87E+00	9,75E-01	5,83E+01	0,00E+00	3,55E-01	0,00E+00	8,77E-01	-6,76E-03
	GWP-biogenic	Kg CO ₂ eq	1,24E+00	1,65E-02	-9,20E-01	3,36E-01	0,00E+00	1,01E-03	0,00E+00	8,43E-03	2,36E-05
	GWP-land use	Kg CO ₂ eq	4,58E-02	2,31E-03	1,67E-03	4,97E-02	0,00E+00	1,49E-04	0,00E+00	3,82E-04	-2,25E-06
	GWP-uptake	Kg CO ₂ eq	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
	ODP	Kg CFC11 eq	4,37E-06	1,58E-06	7,67E-08	6,02E-06	0,00E+00	7,90E-08	0,00E+00	2,72E-07	-4,06E-10
	AP	Mol H+ eq.	6,29E-01	3,45E-02	2,53E-03	6,66E-01	0,00E+00	1,71E-03	0,00E+00	7,41E-03	-4,30E-05
	EP-freshwater	Kg PO ₄ eq.	1,81E-02	4,65E-04	1,36E-04	1,87E-02	0,00E+00	2,81E-05	0,00E+00	2,58E-04	-2,46E-06
	EP-marine	Kg N eq.	7,02E-02	1,20E-02	9,61E-04	8,32E-02	0,00E+00	5,78E-04	0,00E+00	2,57E-03	-1,29E-05
	EP-terrestrial	Mol N eq.	2,12E+00	1,31E-01	8,63E-03	2,26E+00	0,00E+00	6,31E-03	0,00E+00	2,80E-02	-1,59E-04
	POCP	Kg NMVOC eq.	1,83E-01	3,75E-02	2,02E-01	4,22E-01	0,00E+00	1,81E-03	0,00E+00	8,07E-03	-5,11E-05
	ADPF	MJ	6,74E+02	1,05E+02	8,29E+00	7,88E+02	0,00E+00	5,35E+00	0,00E+00	2,07E+01	-7,21E-02
	ADPE	Kg Sb eq.	1,99E-03	2,45E-05	2,85E-06	2,01E-03	0,00E+00	1,70E-06	0,00E+00	2,88E-06	-8,64E-09
Water Use	m ³ world eq deprived	1,74E+01	3,02E-01	1,88E-01	1,79E+01	0,00E+00	1,68E-02	0,00E+00	8,98E-01	-1,24E-03	

RESOURCES USE	Impact category	UM	A1	A2	A3	A1-A3	C1	C2	C3	C4	D
	PERE	MJ	5,99E+01	1,41E+00	1,23E+01	7,35E+01	0,00E+00	8,63E-02	0,00E+00	3,42E-01	-1,94E-03
	PERM	MJ	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00	0,00E+00	0,00	0,00	0,00E+00
	PERT	MJ	5,99E+01	1,41E+00	1,23E+01	7,35E+01	0,00E+00	8,63E-02	0,00E+00	3,42E-01	-1,94E-03
	PENRE	MJ	6,95E+02	1,11E+02	8,88E+00	8,15E+02	0,00E+00	5,68E+00	0,00E+00	2,20E+01	-7,61E-02
	PENRM	MJ	2,93E+01	0,00E+00	0,00E+00	2,93E+01	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
	PENRT	MJ	7,24E+02	1,11E+02	8,88E+00	8,44E+02	0,00E+00	5,68E+00	0,00E+00	2,20E+01	-7,61E-02
	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
	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
	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
	FW	m ³	5,36E-01	1,14E-02	5,62E-03	5,53E-01	0,00E+00	6,55E-04	0,00E+00	2,18E-02	-3,41E-05

WASTE PRODUCTION AND OUTPUT FLOWS	Impact category	UM	A1	A2	A3	A1-A3	C1	C2	C3	C4	D
	HWD	kg	2,48E-01	2,72E-04	1,40E-05	2,49E-01	0,00E+00	1,43E-05	0,00E+00	3,11E-05	-6,12E-07
	NHWD	kg	1,20E+01	5,28E+00	8,60E-01	1,81E+01	0,00E+00	2,11E-01	0,00E+00	8,39E+01	-2,90E-04
	RWD	kg	1,79E-03	7,19E-04	3,49E-05	2,54E-03	0,00E+00	3,63E-05	0,00E+00	1,24E-04	-1,52E-07
	CRU	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
	MFR	kg	0,00E+00	0,00E+00	1,73E+00	1,73E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
	MER	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
	EEE	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
	EET	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

ADDITIONAL INDICATORS	Impact category	UM	A1	A2	A3	A1-A3	C1	C2	C3	C4	D
	PM	disease inc.	5,75E-05	5,03E-07	1,49E-05	7,29E-05	0,00E+00	2,23E-08	0,00E+00	1,44E-07	-7,54E-10
	IRP	kBq U235 eq.	3,94E+00	5,48E-01	5,13E-02	4,54E+00	0,00E+00	2,89E-02	0,00E+00	9,79E-02	-2,23E-04
	ETP-fw	CTUe	1,80E+03	8,03E+01	9,04E+00	1,89E+03	0,00E+00	4,27E+00	0,00E+00	1,46E+01	-1,04E+00
	HTP-nc	CTUh	1,38E-06	8,17E-08	3,18E-07	1,78E-06	0,00E+00	4,12E-09	0,00E+00	9,03E-09	-1,26E-10
	HTP-c	CTUh	1,24E-07	2,84E-09	1,42E-08	1,41E-07	0,00E+00	1,71E-10	0,00E+00	6,79E-10	-3,05E-11
	SQP	Pt	3,75E+02	7,53E+01	6,75E+01	5,18E+02	0,00E+00	3,17E+00	0,00E+00	4,96E+01	-1,35E-02

PGXAMH (PG6AMH, PG3AMH, PG5AMH)

ENVIRONMENTAL IMPACT INDICATORS	Impact category	UM	A1	A2	A3	A1-A3	C1	C2	C3	C4	D
	GWP	Kg CO ₂ eq	4,58E+01	6,88E+00	5,63E-02	5,27E+01	0,00E+00	3,43E-01	0,00E+00	8,52E-01	-6,74E-03
	GWP-fossil	Kg CO ₂ eq	4,47E+01	6,86E+00	9,75E-01	5,25E+01	0,00E+00	3,42E-01	0,00E+00	8,44E-01	-6,76E-03
	GWP-biogenic	Kg CO ₂ eq	1,07E+00	1,65E-02	-9,20E-01	1,70E-01	0,00E+00	9,72E-04	0,00E+00	8,11E-03	2,36E-05
	GWP-land use	Kg CO ₂ eq	3,39E-02	2,31E-03	1,67E-03	3,78E-02	0,00E+00	1,43E-04	0,00E+00	3,68E-04	-2,25E-06
	GWP-uptake	Kg CO ₂ eq	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
	ODP	Kg CFC11 eq	3,65E-06	1,57E-06	7,67E-08	5,30E-06	0,00E+00	7,61E-08	0,00E+00	2,61E-07	-4,06E-10
	AP	Mol H+ eq.	2,77E-01	3,44E-02	2,53E-03	3,14E-01	0,00E+00	1,64E-03	0,00E+00	7,13E-03	-4,30E-05
	EP-freshwater	Kg PO ₄ eq.	1,43E-02	4,64E-04	1,36E-04	1,49E-02	0,00E+00	2,70E-05	0,00E+00	2,49E-04	-2,46E-06
	EP-marine	Kg N eq.	5,19E-02	1,20E-02	9,61E-04	6,49E-02	0,00E+00	5,56E-04	0,00E+00	2,47E-03	-1,29E-05
	EP-terrestrial	Mol N eq.	5,64E-01	1,31E-01	8,63E-03	7,04E-01	0,00E+00	6,07E-03	0,00E+00	2,69E-02	-1,59E-04
	POCP	Kg NMVOC eq.	1,56E-01	3,74E-02	2,02E-01	3,95E-01	0,00E+00	1,74E-03	0,00E+00	7,77E-03	-5,11E-05
	ADPF	MJ	5,82E+02	1,05E+02	8,29E+00	6,95E+02	0,00E+00	5,15E+00	0,00E+00	1,99E+01	-7,21E-02
	ADPE	Kg Sb eq.	8,71E-04	2,44E-05	2,85E-06	8,98E-04	0,00E+00	1,63E-06	0,00E+00	2,77E-06	-8,64E-09
Water Use	m ³ world eq deprived	1,22E+01	3,01E-01	1,88E-01	1,27E+01	0,00E+00	1,62E-02	0,00E+00	8,65E-01	-1,24E-03	

RESOURCES USE	Impact category	UM	A1	A2	A3	A1-A3	C1	C2	C3	C4	D
	PERE	MJ	5,01E+01	1,41E+00	1,23E+01	6,38E+01	0,00E+00	8,30E-02	0,00E+00	3,29E-01	-1,94E-03
	PERM	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
	PERT	MJ	5,01E+01	1,41E+00	1,23E+01	6,38E+01	0,00E+00	8,30E-02	0,00E+00	3,29E-01	-1,94E-03
	PENRE	MJ	5,98E+02	1,11E+02	8,88E+00	7,18E+02	0,00E+00	5,47E+00	0,00E+00	2,11E+01	-7,61E-02
	PENRM	MJ	2,68E+01	0,00E+00	0,00E+00	2,68E+01	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
	PENRT	MJ	6,25E+02	1,11E+02	8,88E+00	7,45E+02	0,00E+00	5,47E+00	0,00E+00	2,11E+01	-7,61E-02
	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
	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
	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
	FW	m ³	3,74E-01	1,14E-02	5,62E-03	3,91E-01	0,00E+00	6,30E-04	0,00E+00	2,10E-02	-3,41E-05

WASTE PRODUCTION AND OUTPUT FLOWS	Impact category	UM	A1	A2	A3	A1-A3	C1	C2	C3	C4	D
	HWD	kg	2,43E-01	2,72E-04	1,40E-05	2,43E-01	0,00E+00	1,37E-05	0,00E+00	2,99E-05	-6,12E-07
	NHWD	kg	9,54E+00	5,27E+00	8,60E-01	1,57E+01	0,00E+00	2,03E-01	0,00E+00	8,07E+01	-2,90E-04
	RWD	kg	1,44E-03	7,18E-04	3,49E-05	2,19E-03	0,00E+00	3,50E-05	0,00E+00	1,19E-04	-1,52E-07
	CRU	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
	MFR	kg	0,00E+00	0,00E+00	1,73E+00	1,73E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
	MER	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
	EEE	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
	EET	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

ADDITIONAL INDICATORS	Impact category	UM	A1	A2	A3	A1-A3	C1	C2	C3	C4	D
	PM	disease inc.	5,49E-05	5,02E-07	1,49E-05	7,03E-05	0,00E+00	2,14E-08	0,00E+00	1,38E-07	-7,54E-10
	IRP	kBq U235 eq.	3,00E+00	5,47E-01	5,13E-02	3,60E+00	0,00E+00	2,78E-02	0,00E+00	9,42E-02	-2,23E-04
	ETP-fw	CTUe	1,24E+03	8,02E+01	9,04E+00	1,33E+03	0,00E+00	4,11E+00	0,00E+00	1,40E+01	-1,04E+00
	HTP-nc	CTUh	9,18E-07	8,16E-08	3,18E-07	1,32E-06	0,00E+00	3,97E-09	0,00E+00	8,69E-09	-1,26E-10
	HTP-c	CTUh	3,51E-08	2,83E-09	1,42E-08	5,21E-08	0,00E+00	1,65E-10	0,00E+00	6,53E-10	-3,05E-11
	SQP	Pt	3,41E+02	7,51E+01	6,75E+01	4,84E+02	0,00E+00	3,05E+00	0,00E+00	4,77E+01	-1,35E-02

PGXAMG (PG6AMG,PG3AMG)

ENVIRONMENTAL IMPACT INDICATORS	Impact category	UM	A1	A2	A3	A1-A3	C1	C2	C3	C4	D
	GWP	Kg CO ₂ eq	3,28E+01	7,13E+00	5,63E-02	4,00E+01	0,00E+00	2,70E-01	0,00E+00	6,71E-01	-6,74E-03
	GWP-fossil	Kg CO ₂ eq	3,17E+01	7,11E+00	9,75E-01	3,98E+01	0,00E+00	2,69E-01	0,00E+00	6,65E-01	-6,76E-03
	GWP-biogenic	Kg CO ₂ eq	1,13E+00	1,72E-02	-9,20E-01	2,26E-01	0,00E+00	7,65E-04	0,00E+00	6,38E-03	2,36E-05
	GWP-land use	Kg CO ₂ eq	2,10E-02	2,41E-03	1,67E-03	2,51E-02	0,00E+00	1,13E-04	0,00E+00	2,90E-04	-2,25E-06
	GWP-uptake	Kg CO ₂ eq	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
	ODP	Kg CFC11 eq	3,59E-06	1,63E-06	7,67E-08	5,29E-06	0,00E+00	5,99E-08	0,00E+00	2,06E-07	-4,06E-10
	AP	Mol H+ eq.	2,11E-01	3,57E-02	2,53E-03	2,49E-01	0,00E+00	1,29E-03	0,00E+00	5,61E-03	-4,30E-05
	EP-freshwater	Kg PO ₄ eq.	9,85E-03	4,82E-04	1,36E-04	1,05E-02	0,00E+00	2,13E-05	0,00E+00	1,96E-04	-2,46E-06
	EP-marine	Kg N eq.	3,81E-02	1,24E-02	9,61E-04	5,15E-02	0,00E+00	4,38E-04	0,00E+00	1,95E-03	-1,29E-05
	EP-terrestrial	Mol N eq.	3,98E-01	1,36E-01	8,63E-03	5,43E-01	0,00E+00	4,78E-03	0,00E+00	2,12E-02	-1,59E-04
	POCP	Kg NMVOC eq.	1,25E-01	3,87E-02	2,02E-01	3,66E-01	0,00E+00	1,37E-03	0,00E+00	6,11E-03	-5,11E-05
	ADPF	MJ	5,25E+02	1,08E+02	8,29E+00	6,42E+02	0,00E+00	4,06E+00	0,00E+00	1,57E+01	-7,21E-02
	ADPE	Kg Sb eq.	2,10E-04	2,58E-05	2,85E-06	2,39E-04	0,00E+00	1,29E-06	0,00E+00	2,18E-06	-8,64E-09
Water Use	m ³ world eq deprived	1,13E+01	3,09E-01	1,88E-01	1,18E+01	0,00E+00	1,27E-02	0,00E+00	6,81E-01	-1,24E-03	

RESOURCES USE	Impact category	UM	A1	A2	A3	A1-A3	C1	C2	C3	C4	D
	PERE	MJ	3,64E+01	1,46E+00	1,23E+01	5,02E+01	0,00E+00	6,54E-02	0,00E+00	2,59E-01	-1,94E-03
	PERM	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
	PERT	MJ	3,64E+01	1,46E+00	1,23E+01	5,02E+01	0,00E+00	6,54E-02	0,00E+00	2,59E-01	-1,94E-03
	PENRE	MJ	4,15E+02	1,15E+02	8,88E+00	5,39E+02	0,00E+00	4,31E+00	0,00E+00	1,66E+01	-7,61E-02
	PENRM	MJ	1,45E+02	0,00E+00	0,00E+00	1,45E+02	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
	PENRT	MJ	5,60E+02	1,15E+02	8,88E+00	6,84E+02	0,00E+00	4,31E+00	0,00E+00	1,66E+01	-7,61E-02
	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
	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
	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
	FW	m ³	3,26E-01	1,17E-02	5,62E-03	3,43E-01	0,00E+00	4,96E-04	0,00E+00	1,65E-02	-3,41E-05

WASTE PRODUCTION AND OUTPUT FLOWS	Impact category	UM	A1	A2	A3	A1-A3	C1	C2	C3	C4	D
	HWD	kg	1,14E-03	2,83E-04	1,40E-05	1,44E-03	0,00E+00	1,08E-05	0,00E+00	2,36E-05	-6,12E-07
	NHWD	kg	3,35E+00	5,22E+00	8,60E-01	9,43E+00	0,00E+00	1,60E-01	0,00E+00	6,35E+01	-2,90E-04
	RWD	kg	1,70E-03	7,43E-04	3,49E-05	2,48E-03	0,00E+00	2,75E-05	0,00E+00	9,40E-05	-1,52E-07
	CRU	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
	MFR	kg	0,00E+00	0,00E+00	1,59E+00	1,59E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
	MER	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
	EEE	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
	EET	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

ADDITIONAL INDICATORS	Impact category	UM	A1	A2	A3	A1-A3	C1	C2	C3	C4	D
	PM	disease inc.	2,45E-06	5,12E-07	1,49E-05	1,79E-05	0,00E+00	1,69E-08	0,00E+00	1,09E-07	-7,54E-10
	IRP	kBq U235 eq.	2,65E+00	5,66E-01	5,13E-02	3,27E+00	0,00E+00	2,19E-02	0,00E+00	7,42E-02	-2,23E-04
	ETP-fw	CTUe	8,41E+02	8,29E+01	9,04E+00	9,33E+02	0,00E+00	3,24E+00	0,00E+00	1,11E+01	-1,04E+00
	HTP-nc	CTUh	3,70E-07	8,42E-08	3,18E-07	7,72E-07	0,00E+00	3,12E-09	0,00E+00	6,84E-09	-1,26E-10
	HTP-c	CTUh	1,73E-08	2,95E-09	1,42E-08	3,45E-08	0,00E+00	1,30E-10	0,00E+00	5,14E-10	-3,05E-11
	SQP	Pt	1,73E+02	7,50E+01	6,75E+01	3,16E+02	0,00E+00	2,40E+00	0,00E+00	3,76E+01	-1,35E-02

PGXAVG (PG6AVG, PG3AVG)

ENVIRONMENTAL IMPACT INDICATORS	Impact category	UM	A1	A2	A3	A1-A3	C1	C2	C3	C4	D
	GWP	Kg CO2eq	3,88E+01	7,14E+00	5,63E-02	4,60E+01	0,00E+00	2,84E-01	0,00E+00	7,05E-01	-6,74E-03
	GWP-fossil	Kg CO2eq	3,74E+01	7,12E+00	9,75E-01	4,55E+01	0,00E+00	2,83E-01	0,00E+00	6,98E-01	-6,76E-03
	GWP-biogenic	Kg CO2eq	1,30E+00	1,72E-02	-9,20E-01	3,92E-01	0,00E+00	8,04E-04	0,00E+00	6,70E-03	2,36E-05
	GWP-land use	Kg CO2eq	3,29E-02	2,42E-03	1,67E-03	3,70E-02	0,00E+00	1,18E-04	0,00E+00	3,04E-04	-2,25E-06
	GWP-uptake	Kg CO2eq	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
	ODP	Kg CFC11 eq	4,30E-06	1,63E-06	7,67E-08	6,01E-06	0,00E+00	6,29E-08	0,00E+00	2,16E-07	-4,06E-10
	AP	Mol H+ eq.	5,63E-01	3,57E-02	2,53E-03	6,01E-01	0,00E+00	1,36E-03	0,00E+00	5,90E-03	-4,30E-05
	EP-freshwater	Kg PO4 eq.	1,36E-02	4,83E-04	1,36E-04	1,42E-02	0,00E+00	2,23E-05	0,00E+00	2,06E-04	-2,46E-06
	EP-marine	Kg N eq.	5,64E-02	1,25E-02	9,61E-04	6,98E-02	0,00E+00	4,60E-04	0,00E+00	2,05E-03	-1,29E-05
	EP-terrestrial	Mol N eq.	1,96E+00	1,36E-01	8,63E-03	2,10E+00	0,00E+00	5,02E-03	0,00E+00	2,23E-02	-1,59E-04
	POCP	Kg NMVOC eq.	1,52E-01	3,87E-02	2,02E-01	3,93E-01	0,00E+00	1,44E-03	0,00E+00	6,42E-03	-5,11E-05
	ADPF	MJ	6,18E+02	1,09E+02	8,29E+00	7,35E+02	0,00E+00	4,26E+00	0,00E+00	1,64E+01	-7,21E-02
	ADPE	Kg Sb eq.	1,32E-03	2,58E-05	2,85E-06	1,35E-03	0,00E+00	1,35E-06	0,00E+00	2,29E-06	-8,64E-09
Water Use	m3 world eq deprived	1,65E+01	3,09E-01	1,88E-01	1,70E+01	0,00E+00	1,34E-02	0,00E+00	7,15E-01	-1,24E-03	

RESOURCES USE	Impact category	UM	A1	A2	A3	A1-A3	C1	C2	C3	C4	D
	PERE	MJ	4,62E+01	1,46E+00	1,23E+01	5,99E+01	0,00E+00	6,86E-02	0,00E+00	2,72E-01	-1,94E-03
	PERM	MJ	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00	0,00E+00	0,00	0,00	0,00E+00
	PERT	MJ	4,62E+01	1,46E+00	1,23E+01	5,99E+01	0,00E+00	6,86E-02	0,00E+00	2,72E-01	-1,94E-03
	PENRE	MJ	5,12E+02	1,15E+02	-2,62E+02	3,65E+02	0,00E+00	4,52E+00	0,00E+00	1,74E+01	-7,61E-02
	PENRM	MJ	1,48E+02	2,13E-02	2,71E+02	4,19E+02	0,00E+00	2,89E-04	0,00E+00	6,73E-02	0,00E+00
	PENRT	MJ	6,60E+02	1,15E+02	8,88E+00	7,84E+02	0,00E+00	4,52E+00	0,00E+00	1,75E+01	-7,61E-02
	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
	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
	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
	FW	m3	4,89E-01	1,18E-02	5,62E-03	5,06E-01	0,00E+00	5,21E-04	0,00E+00	1,74E-02	-3,41E-05

WASTE PRODUCTION AND OUTPUT FLOWS	Impact category	UM	A1	A2	A3	A1-A3	C1	C2	C3	C4	D
	HWD	kg	6,81E-03	2,83E-04	1,40E-05	7,11E-03	0,00E+00	1,14E-05	0,00E+00	2,48E-05	-6,12E-07
	NHWD	kg	5,78E+00	5,23E+00	8,60E-01	1,19E+01	0,00E+00	1,68E-01	0,00E+00	6,67E+01	-2,90E-04
	RWD	kg	2,06E-03	7,44E-04	3,49E-05	2,83E-03	0,00E+00	2,89E-05	0,00E+00	9,87E-05	-1,52E-07
	CRU	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
	MFR	kg	0,00E+00	0,00E+00	1,59E+00	1,59E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
	MER	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
	EEE	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
	EET	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

ADDITIONAL INDICATORS	Impact category	UM	A1	A2	A3	A1-A3	C1	C2	C3	C4	D
	PM	disease inc.	5,14E-06	5,13E-07	1,49E-05	2,05E-05	0,00E+00	1,77E-08	0,00E+00	1,14E-07	-7,54E-10
	IRP	kBq U235 eq.	3,59E+00	5,67E-01	5,13E-02	4,21E+00	0,00E+00	2,30E-02	0,00E+00	7,79E-02	-2,23E-04
	ETP-fw	CTUe	1,40E+03	8,30E+01	9,04E+00	1,50E+03	0,00E+00	3,40E+00	0,00E+00	1,16E+01	-1,04E+00
	HTP-nc	CTUh	8,31E-07	8,43E-08	3,18E-07	1,23E-06	0,00E+00	3,28E-09	0,00E+00	7,18E-09	-1,26E-10
	HTP-c	CTUh	1,06E-07	2,96E-09	1,42E-08	1,23E-07	0,00E+00	1,36E-10	0,00E+00	5,40E-10	-3,05E-11
	SQP	Pt	2,07E+02	7,51E+01	6,75E+01	3,49E+02	0,00E+00	2,52E+00	0,00E+00	3,95E+01	-1,35E-02

PGXAML (PG6AML, PG3AML)

ENVIRONMENTAL IMPACT INDICATORS	Impact category	UM	A1	A2	A3	A1-A3	C1	C2	C3	C4	D
	GWP	Kg CO2eq	2,46E+01	7,26E+00	5,63E-02	3,19E+01	0,00E+00	2,71E-01	0,00E+00	6,73E-01	-6,74E-03
	GWP-fossil	Kg CO2eq	2,33E+01	7,24E+00	9,75E-01	3,15E+01	0,00E+00	2,70E-01	0,00E+00	6,66E-01	-6,76E-03
	GWP-biogenic	Kg CO2eq	1,23E+00	1,73E-02	-9,20E-01	3,28E-01	0,00E+00	7,67E-04	0,00E+00	6,40E-03	2,36E-05
	GWP-land use	Kg CO2eq	1,45E-02	2,41E-03	1,67E-03	1,85E-02	0,00E+00	1,13E-04	0,00E+00	2,90E-04	-2,25E-06
	GWP-uptake	Kg CO2eq	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
	ODP	Kg CFC11 eq	1,67E-06	1,66E-06	7,67E-08	3,41E-06	0,00E+00	6,00E-08	0,00E+00	2,06E-07	-4,06E-10
	AP	Mol H+ eq.	3,30E-01	3,63E-02	2,53E-03	3,69E-01	0,00E+00	1,30E-03	0,00E+00	5,63E-03	-4,30E-05
	EP-freshwater	Kg PO4 eq.	7,34E-03	4,89E-04	1,36E-04	7,96E-03	0,00E+00	2,13E-05	0,00E+00	1,96E-04	-2,46E-06
	EP-marine	Kg N eq.	3,01E-02	1,27E-02	9,61E-04	4,37E-02	0,00E+00	4,39E-04	0,00E+00	1,95E-03	-1,29E-05
	EP-terrestrial	Mol N eq.	3,13E-01	1,38E-01	8,63E-03	4,60E-01	0,00E+00	4,79E-03	0,00E+00	2,13E-02	-1,59E-04
	POCP	Kg NMVOC eq.	1,07E-01	3,96E-02	2,02E-01	3,49E-01	0,00E+00	1,37E-03	0,00E+00	6,13E-03	-5,11E-05
	ADPF	MJ	4,91E+02	1,11E+02	8,29E+00	6,10E+02	0,00E+00	4,07E+00	0,00E+00	1,57E+01	-7,21E-02
	ADPE	Kg Sb eq.	5,47E-05	2,53E-05	2,85E-06	8,29E-05	0,00E+00	1,29E-06	0,00E+00	2,19E-06	-8,64E-09
Water Use	m3 world eq deprived	6,86E+03	3,21E-01	1,88E-01	6,86E+03	0,00E+00	1,28E-02	0,00E+00	6,83E-01	-1,24E-03	

RESOURCES USE	Impact category	UM	A1	A2	A3	A1-A3	C1	C2	C3	C4	D
	PERE	MJ	2,51E+02	1,48E+00	1,23E+01	2,65E+02	0,00E+00	6,55E-02	0,00E+00	2,60E-01	-1,94E-03
	PERM	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
	PERT	MJ	2,51E+02	1,48E+00	1,23E+01	2,65E+02	0,00E+00	6,55E-02	0,00E+00	2,60E-01	-1,94E-03
	PENRE	MJ	5,02E+02	1,18E+02	8,88E+00	6,28E+02	0,00E+00	4,32E+00	0,00E+00	1,67E+01	-7,61E-02
	PENRM	MJ	1,85E+01	0,00E+00	0,00E+00	1,85E+01	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
	PENRT	MJ	5,20E+02	1,18E+02	8,88E+00	6,47E+02	0,00E+00	4,32E+00	0,00E+00	1,67E+01	-7,61E-02
	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
	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
	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
	FW	m3	1,60E+02	1,21E-02	5,62E-03	1,60E+02	0,00E+00	4,98E-04	0,00E+00	1,66E-02	-3,41E-05

WASTE PRODUCTION AND OUTPUT FLOWS	Impact category	UM	A1	A2	A3	A1-A3	C1	C2	C3	C4	D
	HWD	kg	1,00E-03	2,86E-04	1,40E-05	1,31E-03	0,00E+00	1,09E-05	0,00E+00	2,36E-05	-6,12E-07
	NHWD	kg	2,04E+01	5,79E+00	8,60E-01	2,71E+01	0,00E+00	1,60E-01	0,00E+00	6,37E+01	-2,90E-04
	RWD	kg	5,22E-03	7,59E-04	3,49E-05	6,01E-03	0,00E+00	2,76E-05	0,00E+00	9,43E-05	-1,52E-07
	CRU	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
	MFR	kg	0,00E+00	0,00E+00	1,59E+00	1,59E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
	MER	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
	EEE	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
	EET	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

ADDITIONAL INDICATORS	Impact category	UM	A1	A2	A3	A1-A3	C1	C2	C3	C4	D
	PM	disease inc.	2,86E-06	5,37E-07	1,49E-05	1,83E-05	0,00E+00	1,69E-08	0,00E+00	1,09E-07	-7,54E-10
	IRP	kBq U235 eq.	1,48E+00	5,77E-01	5,13E-02	2,11E+00	0,00E+00	2,20E-02	0,00E+00	7,44E-02	-2,23E-04
	ETP-fw	CTUe	6,54E+02	8,47E+01	9,04E+00	7,48E+02	0,00E+00	3,24E+00	0,00E+00	1,11E+01	-1,04E+00
	HTP-nc	CTUh	2,68E-07	8,65E-08	3,18E-07	6,73E-07	0,00E+00	3,13E-09	0,00E+00	6,86E-09	-1,26E-10
	HTP-c	CTUh	1,17E-08	2,98E-09	1,42E-08	2,90E-08	0,00E+00	1,30E-10	0,00E+00	5,16E-10	-3,05E-11
	SQP	Pt	1,26E+02	8,20E+01	6,75E+01	2,75E+02	0,00E+00	2,41E+00	0,00E+00	3,77E+01	-1,35E-02

PGXAVL (PG6AVL, PG3AVL)

ENVIRONMENTAL IMPACT INDICATORS	Impact category	UM	A1	A2	A3	A1-A3	C1	C2	C3	C4	D
	GWP	Kg CO2eq	3,05E+01	7,27E+00	5,63E-02	3,78E+01	0,00E+00	2,84E-01	0,00E+00	7,06E-01	-6,74E-03
	GWP-fossil	Kg CO2eq	2,91E+01	7,25E+00	9,75E-01	3,73E+01	0,00E+00	2,83E-01	0,00E+00	6,99E-01	-6,76E-03
	GWP-biogenic	Kg CO2eq	1,40E+00	1,73E-02	-9,20E-01	4,94E-01	0,00E+00	8,06E-04	0,00E+00	6,72E-03	2,36E-05
	GWP-land use	Kg CO2eq	2,63E-02	2,42E-03	1,67E-03	3,04E-02	0,00E+00	1,19E-04	0,00E+00	3,05E-04	-2,25E-06
	GWP-uptake	Kg CO2eq	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
	ODP	Kg CFC11 eq	2,39E-06	1,67E-06	7,67E-08	4,13E-06	0,00E+00	6,30E-08	0,00E+00	2,17E-07	-4,06E-10
	AP	Mol H+ eq.	6,82E-01	3,64E-02	2,53E-03	7,21E-01	0,00E+00	1,36E-03	0,00E+00	5,91E-03	-4,30E-05
	EP-freshwater	Kg PO4 eq.	1,11E-02	4,90E-04	1,36E-04	1,17E-02	0,00E+00	2,24E-05	0,00E+00	2,06E-04	-2,46E-06
	EP-marine	Kg N eq.	4,84E-02	1,27E-02	9,61E-04	6,20E-02	0,00E+00	4,61E-04	0,00E+00	2,05E-03	-1,29E-05
	EP-terrestrial	Mol N eq.	1,87E+00	1,38E-01	8,63E-03	2,02E+00	0,00E+00	5,03E-03	0,00E+00	2,23E-02	-1,59E-04
	POCP	Kg NMVOC eq.	1,34E-01	3,96E-02	2,02E-01	3,76E-01	0,00E+00	1,44E-03	0,00E+00	6,43E-03	-5,11E-05
	ADPF	MJ	5,83E+02	1,11E+02	8,29E+00	7,03E+02	0,00E+00	4,27E+00	0,00E+00	1,65E+01	-7,21E-02
	ADPE	Kg Sb eq.	1,17E-03	2,53E-05	2,85E-06	1,20E-03	0,00E+00	1,35E-06	0,00E+00	2,29E-06	-8,64E-09
Water Use	m3 world eq deprived	6,86E+03	3,21E-01	1,88E-01	6,86E+03	0,00E+00	1,34E-02	0,00E+00	7,16E-01	-1,24E-03	

RESOURCES USE	Impact category	UM	A1	A2	A3	A1-A3	C1	C2	C3	C4	D
	PERE	MJ	2,61E+02	1,48E+00	1,23E+01	2,75E+02	0,00E+00	6,88E-02	0,00E+00	2,73E-01	-1,94E-03
	PERM	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
	PERT	MJ	2,61E+02	1,48E+00	1,23E+01	2,75E+02	0,00E+00	6,88E-02	0,00E+00	2,73E-01	-1,94E-03
	PENRE	MJ	5,99E+02	1,18E+02	8,88E+00	7,25E+02	0,00E+00	4,53E+00	0,00E+00	1,75E+01	-7,61E-02
	PENRM	MJ	2,10E+01	0,00E+00	0,00E+00	2,10E+01	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
	PENRT	MJ	6,20E+02	1,18E+02	8,88E+00	7,46E+02	0,00E+00	4,53E+00	0,00E+00	1,75E+01	-7,61E-02
	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
	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
	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
	FW	m3	1,60E+02	1,21E-02	5,62E-03	1,60E+02	0,00E+00	5,22E-04	0,00E+00	1,74E-02	-3,41E-05

WASTE PRODUCTION AND OUTPUT FLOWS	Impact category	UM	A1	A2	A3	A1-A3	C1	C2	C3	C4	D
	HWD	kg	6,67E-03	2,87E-04	1,40E-05	6,97E-03	0,00E+00	1,14E-05	0,00E+00	2,48E-05	-6,12E-07
	NHWD	kg	2,28E+01	5,80E+00	8,60E-01	2,95E+01	0,00E+00	1,68E-01	0,00E+00	6,69E+01	-2,90E-04
	RWD	kg	5,57E-03	7,60E-04	3,49E-05	6,37E-03	0,00E+00	2,90E-05	0,00E+00	9,90E-05	-1,52E-07
	CRU	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
	MFR	kg	0,00E+00	0,00E+00	1,59E+00	1,59E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
	MER	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
	EEE	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
	EET	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

ADDITIONAL INDICATORS	Impact category	UM	A1	A2	A3	A1-A3	C1	C2	C3	C4	D
	PM	disease inc.	5,55E-06	5,38E-07	1,49E-05	2,10E-05	0,00E+00	1,78E-08	0,00E+00	1,15E-07	-7,54E-10
	IRP	kBq U235 eq.	2,42E+00	5,78E-01	5,13E-02	3,05E+00	0,00E+00	2,30E-02	0,00E+00	7,81E-02	-2,23E-04
	ETP-fw	CTUe	1,22E+03	8,48E+01	9,04E+00	1,31E+03	0,00E+00	3,41E+00	0,00E+00	1,16E+01	-1,04E+00
	HTP-nc	CTUh	7,29E-07	8,66E-08	3,18E-07	1,13E-06	0,00E+00	3,29E-09	0,00E+00	7,20E-09	-1,26E-10
	HTP-c	CTUh	1,00E-07	2,98E-09	1,42E-08	1,18E-07	0,00E+00	1,36E-10	0,00E+00	5,41E-10	-3,05E-11
	SQP	Pt	1,59E+02	8,21E+01	6,75E+01	3,09E+02	0,00E+00	2,53E+00	0,00E+00	3,96E+01	-1,35E-02

PGXAMM (PG3AMM, PG6AMM)

ENVIRONMENTAL IMPACT INDICATORS	Impact category	UM	A1	A2	A3	A1-A3	C1	C2	C3	C4	D
	GWP	Kg CO ₂ eq	3,33E+01	6,88E+00	5,63E-02	4,03E+01	0,00E+00	2,57E-01	0,00E+00	6,37E-01	-6,74E-03
	GWP-fossil	Kg CO ₂ eq	3,20E+01	6,86E+00	9,75E-01	3,99E+01	0,00E+00	2,56E-01	0,00E+00	6,31E-01	-6,76E-03
	GWP-biogenic	Kg CO ₂ eq	1,26E+00	1,64E-02	-9,20E-01	3,56E-01	0,00E+00	7,27E-04	0,00E+00	6,06E-03	2,36E-05
	GWP-land use	Kg CO ₂ eq	2,10E-02	2,31E-03	1,67E-03	2,50E-02	0,00E+00	1,07E-04	0,00E+00	2,75E-04	-2,25E-06
	GWP-uptake	Kg CO ₂ eq	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
	ODP	Kg CFC11 eq	5,59E-06	1,57E-06	7,67E-08	7,24E-06	0,00E+00	5,69E-08	0,00E+00	1,95E-07	-4,06E-10
	AP	Mol H+ eq.	2,05E-01	3,44E-02	2,53E-03	2,41E-01	0,00E+00	1,23E-03	0,00E+00	5,33E-03	-4,30E-05
	EP-freshwater	Kg PO ₄ eq.	9,87E-03	4,64E-04	1,36E-04	1,05E-02	0,00E+00	2,02E-05	0,00E+00	1,86E-04	-2,46E-06
	EP-marine	Kg N eq.	3,86E-02	1,20E-02	9,61E-04	5,16E-02	0,00E+00	4,16E-04	0,00E+00	1,85E-03	-1,29E-05
	EP-terrestrial	Mol N eq.	4,00E-01	1,31E-01	8,63E-03	5,40E-01	0,00E+00	4,54E-03	0,00E+00	2,01E-02	-1,59E-04
	POCP	Kg NMVOC eq.	1,14E-01	3,74E-02	2,02E-01	3,54E-01	0,00E+00	1,30E-03	0,00E+00	5,81E-03	-5,11E-05
	ADPF	MJ	4,73E+02	1,05E+02	8,29E+00	5,86E+02	0,00E+00	3,85E+00	0,00E+00	1,49E+01	-7,21E-02
	ADPE	Kg Sb eq.	1,87E-04	2,44E-05	2,85E-06	2,14E-04	0,00E+00	1,22E-06	0,00E+00	2,07E-06	-8,64E-09
Water Use	m ³ world eq deprived	1,19E+01	3,01E-01	1,88E-01	1,24E+01	0,00E+00	1,21E-02	0,00E+00	6,46E-01	-1,24E-03	

RESOURCES USE	Impact category	UM	A1	A2	A3	A1-A3	C1	C2	C3	C4	D
	PERE	MJ	3,40E+01	1,40E+00	1,23E+01	4,77E+01	0,00E+00	6,21E-02	0,00E+00	2,46E-01	-1,94E-03
	PERM	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
	PERT	MJ	3,40E+01	1,40E+00	1,23E+01	4,77E+01	0,00E+00	6,21E-02	0,00E+00	2,46E-01	-1,94E-03
	PENRE	MJ	4,64E+02	1,11E+02	8,88E+00	5,84E+02	0,00E+00	4,09E+00	0,00E+00	1,58E+01	-7,61E-02
	PENRM	MJ	4,19E+01	0,00E+00	0,00E+00	4,19E+01	0,00	0,00	0,00	0,00	0,00
	PENRT	MJ	5,06E+02	1,11E+02	8,88E+00	6,26E+02	0,00E+00	4,09E+00	0,00E+00	1,58E+01	-7,61E-02
	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
	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
	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
	FW	m ³	3,05E-01	1,14E-02	5,62E-03	3,22E-01	0,00E+00	4,71E-04	0,00E+00	1,57E-02	-3,41E-05

WASTE PRODUCTION AND OUTPUT FLOWS	Impact category	UM	A1	A2	A3	A1-A3	C1	C2	C3	C4	D
	HWD	kg	1,13E-03	2,72E-04	1,40E-05	1,41E-03	0,00E+00	1,03E-05	0,00E+00	2,24E-05	-6,12E-07
	NHWD	kg	3,75E+00	5,26E+00	8,60E-01	9,87E+00	0,00E+00	1,52E-01	0,00E+00	6,03E+01	-2,90E-04
	RWD	kg	9,68E-04	7,17E-04	3,49E-05	1,72E-03	0,00E+00	2,61E-05	0,00E+00	8,93E-05	-1,52E-07
	CRU	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
	MFR	kg	0,00E+00	0,00E+00	1,59E+00	1,59E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
	MER	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
	EEE	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
	EET	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

ADDITIONAL INDICATORS	Impact category	UM	A1	A2	A3	A1-A3	C1	C2	C3	C4	D
	PM	disease inc.	2,20E-06	5,01E-07	1,49E-05	1,76E-05	0,00E+00	1,60E-08	0,00E+00	1,03E-07	-7,54E-10
	IRP	kBq U235 eq.	2,07E+00	5,46E-01	5,13E-02	2,67E+00	0,00E+00	2,08E-02	0,00E+00	7,04E-02	-2,23E-04
	ETP-fw	CTUe	8,22E+02	8,01E+01	9,04E+00	9,11E+02	0,00E+00	3,07E+00	0,00E+00	1,05E+01	-1,04E+00
	HTP-nc	CTUh	3,80E-07	8,16E-08	3,18E-07	7,80E-07	0,00E+00	2,97E-09	0,00E+00	6,50E-09	-1,26E-10
	HTP-c	CTUh	1,73E-08	2,83E-09	1,42E-08	3,43E-08	0,00E+00	1,23E-10	0,00E+00	4,88E-10	-3,05E-11
	SQP	Pt	1,52E+02	7,50E+01	6,75E+01	2,94E+02	0,00E+00	2,28E+00	0,00E+00	3,57E+01	-1,35E-02

PGXAVM (PG3AVM, PG6AVM)

ENVIRONMENTAL IMPACT INDICATORS	Impact category	UM	A1	A2	A3	A1-A3	C1	C2	C3	C4	D
	GWP	Kg CO ₂ eq	3,33E+01	6,89E+00	5,63E-02	4,03E+01	0,00E+00	2,70E-01	0,00E+00	6,71E-01	-6,74E-03
	GWP-fossil	Kg CO ₂ eq	3,20E+01	6,87E+00	9,75E-01	3,99E+01	0,00E+00	2,69E-01	0,00E+00	6,64E-01	-6,76E-03
	GWP-biogenic	Kg CO ₂ eq	1,26E+00	1,65E-02	-9,20E-01	3,56E-01	0,00E+00	7,65E-04	0,00E+00	6,38E-03	2,36E-05
	GWP-land use	Kg CO ₂ eq	2,10E-02	2,31E-03	1,67E-03	2,50E-02	0,00E+00	1,13E-04	0,00E+00	2,90E-04	-2,25E-06
	GWP-uptake	Kg CO ₂ eq	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
	ODP	Kg CFC11 eq	5,59E-06	1,58E-06	7,67E-08	7,24E-06	0,00E+00	5,99E-08	0,00E+00	2,06E-07	-4,06E-10
	AP	Mol H+ eq.	2,05E-01	3,44E-02	2,53E-03	2,41E-01	0,00E+00	1,29E-03	0,00E+00	5,61E-03	-4,30E-05
	EP-freshwater	Kg PO ₄ eq.	9,87E-03	4,64E-04	1,36E-04	1,05E-02	0,00E+00	2,12E-05	0,00E+00	1,96E-04	-2,46E-06
	EP-marine	Kg N eq.	3,86E-02	1,20E-02	9,61E-04	5,16E-02	0,00E+00	4,38E-04	0,00E+00	1,95E-03	-1,29E-05
	EP-terrestrial	Mol N eq.	4,00E-01	1,31E-01	8,63E-03	5,40E-01	0,00E+00	4,78E-03	0,00E+00	2,12E-02	-1,59E-04
	POCP	Kg NMVOC eq.	1,14E-01	3,75E-02	2,02E-01	3,54E-01	0,00E+00	1,37E-03	0,00E+00	6,11E-03	-5,11E-05
	ADPF	MJ	4,73E+02	1,05E+02	8,29E+00	5,86E+02	0,00E+00	4,05E+00	0,00E+00	1,56E+01	-7,21E-02
	ADPE	Kg Sb eq.	1,87E-04	2,44E-05	2,85E-06	2,14E-04	0,00E+00	1,28E-06	0,00E+00	2,18E-06	-8,64E-09
Water Use	m ³ world eq deprived	1,19E+01	3,01E-01	1,88E-01	1,24E+01	0,00E+00	1,27E-02	0,00E+00	6,80E-01	-1,24E-03	

RESOURCES USE	Impact category	UM	A1	A2	A3	A1-A3	C1	C2	C3	C4	D
	PERE	MJ	3,40E+01	1,41E+00	1,23E+01	4,77E+01	0,00E+00	6,53E-02	0,00E+00	2,59E-01	-1,94E-03
	PERM	MJ	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00	0,00E+00	0,00	0,00	0,00E+00
	PERT	MJ	3,40E+01	1,41E+00	1,23E+01	4,77E+01	0,00E+00	6,53E-02	0,00E+00	2,59E-01	-1,94E-03
	PENRE	MJ	4,61E+02	1,11E+02	8,88E+00	5,82E+02	0,00E+00	4,30E+00	0,00E+00	1,66E+01	-7,61E-02
	PENRM	MJ	4,44E+01	0,00E+00	0,00E+00	4,44E+01	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
	PENRT	MJ	5,06E+02	1,11E+02	8,88E+00	6,26E+02	0,00E+00	4,30E+00	0,00E+00	1,66E+01	-7,61E-02
	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
	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
	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
	FW	m ³	3,05E-01	1,14E-02	5,62E-03	3,22E-01	0,00E+00	4,96E-04	0,00E+00	1,65E-02	-3,41E-05

WASTE PRODUCTION AND OUTPUT FLOWS	Impact category	UM	A1	A2	A3	A1-A3	C1	C2	C3	C4	D
	HWD	kg	1,13E-03	2,72E-04	1,40E-05	1,41E-03	0,00E+00	1,08E-05	0,00E+00	2,36E-05	-6,12E-07
	NHWD	kg	3,75E+00	5,28E+00	8,60E-01	9,89E+00	0,00E+00	1,60E-01	0,00E+00	6,35E+01	-2,90E-04
	RWD	kg	9,68E-04	7,18E-04	3,49E-05	1,72E-03	0,00E+00	2,75E-05	0,00E+00	9,40E-05	-1,52E-07
	CRU	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
	MFR	kg	0,00E+00	0,00E+00	1,59E+00	1,59E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
	MER	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
	EEE	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
	EET	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

ADDITIONAL INDICATORS	Impact category	UM	A1	A2	A3	A1-A3	C1	C2	C3	C4	D
	PM	disease inc.	2,20E-06	5,02E-07	1,49E-05	1,76E-05	0,00E+00	1,69E-08	0,00E+00	1,09E-07	-7,54E-10
	IRP	kBq U235 eq.	2,07E+00	5,47E-01	5,13E-02	2,67E+00	0,00E+00	2,19E-02	0,00E+00	7,41E-02	-2,23E-04
	ETP-fw	CTUe	8,22E+02	8,02E+01	9,04E+00	9,11E+02	0,00E+00	3,23E+00	0,00E+00	1,10E+01	-1,04E+00
	HTP-nc	CTUh	3,80E-07	8,17E-08	3,18E-07	7,80E-07	0,00E+00	3,12E-09	0,00E+00	6,84E-09	-1,26E-10
	HTP-c	CTUh	1,73E-08	2,84E-09	1,42E-08	3,43E-08	0,00E+00	1,30E-10	0,00E+00	5,14E-10	-3,05E-11
	SQP	Pt	1,52E+02	7,52E+01	6,75E+01	2,94E+02	0,00E+00	2,40E+00	0,00E+00	3,76E+01	-1,35E-02

PGXAMV (PG6AMV, PG3AMV, PG5AMV, PG9AMV)

ENVIRONMENTAL IMPACT INDICATORS	Impact category	UM	A1	A2	A3	A1-A3	C1	C2	C3	C4	D
	GWP	Kg CO ₂ eq	3,33E+01	7,03E+00	5,63E-02	4,04E+01	0,00E+00	2,69E-01	0,00E+00	6,69E-01	-6,74E-03
	GWP-fossil	Kg CO ₂ eq	3,20E+01	7,01E+00	9,75E-01	4,00E+01	0,00E+00	2,68E-01	0,00E+00	6,62E-01	-6,76E-03
	GWP-biogenic	Kg CO ₂ eq	1,26E+00	1,68E-02	-9,20E-01	3,57E-01	0,00E+00	7,63E-04	0,00E+00	6,36E-03	2,36E-05
	GWP-land use	Kg CO ₂ eq	2,10E-02	2,35E-03	1,67E-03	2,50E-02	0,00E+00	1,12E-04	0,00E+00	2,89E-04	-2,25E-06
	GWP-uptake	Kg CO ₂ eq	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
	ODP	Kg CFC11 eq	5,59E-06	1,61E-06	7,67E-08	7,27E-06	0,00E+00	5,97E-08	0,00E+00	2,05E-07	-4,06E-10
	AP	Mol H+ eq.	2,05E-01	3,52E-02	2,53E-03	2,42E-01	0,00E+00	1,29E-03	0,00E+00	5,59E-03	-4,30E-05
	EP-freshwater	Kg PO ₄ eq.	9,87E-03	4,74E-04	1,36E-04	1,05E-02	0,00E+00	2,12E-05	0,00E+00	1,95E-04	-2,46E-06
	EP-marine	Kg N eq.	3,86E-02	1,23E-02	9,61E-04	5,19E-02	0,00E+00	4,36E-04	0,00E+00	1,94E-03	-1,29E-05
	EP-terrestrial	Mol N eq.	4,00E-01	1,34E-01	8,63E-03	5,43E-01	0,00E+00	4,76E-03	0,00E+00	2,11E-02	-1,59E-04
	POCP	Kg NMVOC eq.	1,14E-01	3,83E-02	2,02E-01	3,54E-01	0,00E+00	1,36E-03	0,00E+00	6,09E-03	-5,11E-05
	ADPF	MJ	4,73E+02	1,07E+02	8,29E+00	5,88E+02	0,00E+00	4,04E+00	0,00E+00	1,56E+01	-7,21E-02
	ADPE	Kg Sb eq.	1,87E-04	2,48E-05	2,85E-06	2,14E-04	0,00E+00	1,28E-06	0,00E+00	2,17E-06	-8,64E-09
Water Use	m ³ world eq deprived	1,19E+01	3,09E-01	1,88E-01	1,24E+01	0,00E+00	1,27E-02	0,00E+00	6,78E-01	-1,24E-03	

RESOURCES USE	Impact category	UM	A1	A2	A3	A1-A3	C1	C2	C3	C4	D
	PERE	MJ	3,40E+01	1,43E+00	1,23E+01	4,77E+01	0,00E+00	6,51E-02	0,00E+00	2,58E-01	-1,94E-03
	PERM	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
	PERT	MJ	3,40E+01	1,43E+00	1,23E+01	4,77E+01	0,00E+00	6,51E-02	0,00E+00	2,58E-01	-1,94E-03
	PENRE	MJ	3,31E+02	1,14E+02	8,88E+00	4,54E+02	0,00E+00	4,29E+00	0,00E+00	1,66E+01	-7,61E-02
	PENRM	MJ	1,74E+02	0,00E+00	0,00E+00	1,74E+02	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
	PENRT	MJ	5,06E+02	1,14E+02	8,88E+00	6,28E+02	0,00E+00	4,29E+00	0,00E+00	1,66E+01	-7,61E-02
	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
	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
	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
	FW	m ³	3,05E-01	1,17E-02	5,62E-03	3,22E-01	0,00E+00	4,95E-04	0,00E+00	1,65E-02	-3,41E-05

WASTE PRODUCTION AND OUTPUT FLOWS	Impact category	UM	A1	A2	A3	A1-A3	C1	C2	C3	C4	D
	HWD	kg	0,01	1,13E-03	2,77E-04	1,40E-05	1,42E-03	0,00E+00	1,08E-05	0,00E+00	2,35E-05
	NHWD	kg	65,73	3,75E+00	5,46E+00	8,60E-01	1,01E+01	0,00E+00	1,59E-01	0,00E+00	6,33E+01
	RWD	kg	0,02	9,68E-04	7,33E-04	3,49E-05	1,74E-03	0,00E+00	2,74E-05	0,00E+00	9,37E-05
	CRU	kg	0,00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
	MFR	kg	0,00	0,00E+00	0,00E+00	1,59E+00	1,59E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
	MER	kg	0,00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
	EEE	MJ	0,00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
	EET	MJ	0,00	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	Impact category	UM	A1	A2	A3	A1-A3	C1	C2	C3	C4	D
	PM	disease inc.	2,20E-06	5,15E-07	1,49E-05	1,76E-05	0,00E+00	1,68E-08	0,00E+00	1,09E-07	-7,54E-10
	IRP	kBq U235 eq.	2,07E+00	5,58E-01	5,13E-02	2,68E+00	0,00E+00	2,18E-02	0,00E+00	7,39E-02	-2,23E-04
	ETP-fw	CTUe	8,22E+02	8,19E+01	9,04E+00	9,13E+02	0,00E+00	3,22E+00	0,00E+00	1,10E+01	-1,04E+00
	HTP-nc	CTUh	3,80E-07	8,35E-08	3,18E-07	7,81E-07	0,00E+00	3,11E-09	0,00E+00	6,82E-09	-1,26E-10
	HTP-c	CTUh	1,73E-08	2,89E-09	1,42E-08	3,44E-08	0,00E+00	1,29E-10	0,00E+00	5,12E-10	-3,05E-11
	SQP	Pt	1,52E+02	7,77E+01	6,75E+01	2,97E+02	0,00E+00	2,39E+00	0,00E+00	3,75E+01	-1,35E-02

PGXAVV (PG6AVV, PG3AVV, PG5AVV, PG9AVV)

ENVIRONMENTAL IMPACT INDICATORS	Impact category	UM	A1	A2	A3	A1-A3	C1	C2	C3	C4	D
	GWP	Kg CO ₂ eq	3,33E+01	7,03E+00	5,63E-02	4,04E+01	0,00E+00	2,83E-01	0,00E+00	7,02E-01	-6,74E-03
	GWP-fossil	Kg CO ₂ eq	3,20E+01	7,02E+00	9,75E-01	4,00E+01	0,00E+00	2,82E-01	0,00E+00	6,95E-01	-6,76E-03
	GWP-biogenic	Kg CO ₂ eq	1,26E+00	1,68E-02	-9,20E-01	3,57E-01	0,00E+00	8,01E-04	0,00E+00	6,68E-03	2,36E-05
	GWP-land use	Kg CO ₂ eq	2,10E-02	2,35E-03	1,67E-03	2,50E-02	0,00E+00	1,18E-04	0,00E+00	3,03E-04	-2,25E-06
	GWP-uptake	Kg CO ₂ eq	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
	ODP	Kg CFC11 eq	5,59E-06	1,61E-06	7,67E-08	7,28E-06	0,00E+00	6,27E-08	0,00E+00	2,15E-07	-4,06E-10
	AP	Mol H+ eq.	2,05E-01	3,52E-02	2,53E-03	2,42E-01	0,00E+00	1,35E-03	0,00E+00	5,87E-03	-4,30E-05
	EP-freshwater	Kg PO ₄ eq.	9,87E-03	4,74E-04	1,36E-04	1,05E-02	0,00E+00	2,22E-05	0,00E+00	2,05E-04	-2,46E-06
	EP-marine	Kg N eq.	3,86E-02	1,23E-02	9,61E-04	5,19E-02	0,00E+00	4,58E-04	0,00E+00	2,04E-03	-1,29E-05
	EP-terrestrial	Mol N eq.	4,00E-01	1,34E-01	8,63E-03	5,43E-01	0,00E+00	5,00E-03	0,00E+00	2,22E-02	-1,59E-04
	POCP	Kg NMVOC eq.	1,14E-01	3,83E-02	2,02E-01	3,55E-01	0,00E+00	1,43E-03	0,00E+00	6,40E-03	-5,11E-05
	ADPF	MJ	4,73E+02	1,07E+02	8,29E+00	5,88E+02	0,00E+00	4,24E+00	0,00E+00	1,64E+01	-7,21E-02
	ADPE	Kg Sb eq.	1,87E-04	2,48E-05	2,85E-06	2,14E-04	0,00E+00	1,35E-06	0,00E+00	2,28E-06	-8,64E-09
Water Use	m ³ world eq deprived	1,19E+01	3,09E-01	1,88E-01	1,24E+01	0,00E+00	1,33E-02	0,00E+00	7,12E-01	-1,24E-03	

RESOURCES USE	Impact category	UM	A1	A2	A3	A1-A3	C1	C2	C3	C4	D
	PERE	MJ	3,40E+01	1,43E+00	1,23E+01	4,77E+01	0,00E+00	6,84E-02	0,00E+00	2,71E-01	-1,94E-03
	PERM	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
	PERT	MJ	3,40E+01	1,43E+00	1,23E+01	4,77E+01	0,00E+00	6,84E-02	0,00E+00	2,71E-01	-1,94E-03
	PENRE	MJ	3,29E+02	1,14E+02	8,88E+00	4,52E+02	0,00E+00	4,51E+00	0,00E+00	1,74E+01	-7,61E-02
	PENRM	MJ	1,77E+02	0,00E+00	0,00E+00	1,77E+02	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
	PENRT	MJ	5,06E+02	1,14E+02	8,88E+00	6,28E+02	0,00E+00	4,51E+00	0,00E+00	1,74E+01	-7,61E-02
	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
	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
	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
	FW	m ³	3,05E-01	1,17E-02	5,62E-03	3,22E-01	0,00E+00	5,19E-04	0,00E+00	1,73E-02	-3,41E-05

WASTE PRODUCTION AND OUTPUT FLOWS	Impact category	UM	A1	A2	A3	A1-A3	C1	C2	C3	C4	D
	HWD	kg	1,13E-03	2,78E-04	1,40E-05	1,42E-03	0,00E+00	1,13E-05	0,00E+00	2,47E-05	-6,12E-07
	NHWD	kg	3,75E+00	5,48E+00	8,60E-01	1,01E+01	0,00E+00	1,67E-01	0,00E+00	6,65E+01	-2,90E-04
	RWD	kg	9,68E-04	7,34E-04	3,49E-05	1,74E-03	0,00E+00	2,88E-05	0,00E+00	9,84E-05	-1,52E-07
	CRU	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
	MFR	kg	0,00E+00	0,00E+00	1,59E+00	1,59E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
	MER	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
	EEE	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
	EET	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

ADDITIONAL INDICATORS	Impact category	UM	A1	A2	A3	A1-A3	C1	C2	C3	C4	D
	PM	disease inc.	2,20E-06	5,16E-07	1,49E-05	1,76E-05	0,00E+00	1,77E-08	0,00E+00	1,14E-07	-7,54E-10
	IRP	kBq U235 eq.	2,07E+00	5,59E-01	5,13E-02	2,68E+00	0,00E+00	2,29E-02	0,00E+00	7,76E-02	-2,23E-04
	ETP-fw	CTUe	8,22E+02	8,20E+01	9,04E+00	9,13E+02	0,00E+00	3,39E+00	0,00E+00	1,16E+01	-1,04E+00
	HTP-nc	CTUh	3,80E-07	8,36E-08	3,18E-07	7,82E-07	0,00E+00	3,27E-09	0,00E+00	7,16E-09	-1,26E-10
	HTP-c	CTUh	1,73E-08	2,89E-09	1,42E-08	3,44E-08	0,00E+00	1,36E-10	0,00E+00	5,38E-10	-3,05E-11
	SQP	Pt	1,52E+02	7,78E+01	6,75E+01	2,97E+02	0,00E+00	2,51E+00	0,00E+00	3,93E+01	-1,35E-02

PGXAMW (PG6AMW, PG3AMW)

ENVIRONMENTAL IMPACT INDICATORS	Impact category	UM	A1	A2	A3	A1-A3	C1	C2	C3	C4	D
	GWP	Kg CO ₂ eq	1,86E+01	6,54E+00	5,63E-02	2,52E+01	0,00E+00	2,61E-01	0,00E+00	6,48E-01	-6,74E-03
	GWP-fossil	Kg CO ₂ eq	2,42E+01	6,52E+00	9,75E-01	3,17E+01	0,00E+00	2,60E-01	0,00E+00	6,41E-01	-6,76E-03
	GWP-biogenic	Kg CO ₂ eq	-5,55E+00	1,57E-02	-9,20E-01	-6,45E+00	0,00E+00	7,39E-04	0,00E+00	6,16E-03	2,36E-05
	GWP-land use	Kg CO ₂ eq	1,95E-02	2,21E-03	1,67E-03	2,34E-02	0,00E+00	1,09E-04	0,00E+00	2,80E-04	-2,25E-06
	GWP-uptake	Kg CO ₂ eq	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
	ODP	Kg CFC11 eq	1,73E-06	1,49E-06	7,67E-08	3,30E-06	0,00E+00	5,78E-08	0,00E+00	1,99E-07	-4,06E-10
	AP	Mol H+ eq.	1,72E-01	3,27E-02	2,53E-03	2,07E-01	0,00E+00	1,25E-03	0,00E+00	5,42E-03	-4,30E-05
	EP-freshwater	Kg PO ₄ eq.	7,72E-03	4,42E-04	1,36E-04	8,30E-03	0,00E+00	2,05E-05	0,00E+00	1,89E-04	-2,46E-06
	EP-marine	Kg N eq.	3,19E-02	1,14E-02	9,61E-04	4,43E-02	0,00E+00	4,23E-04	0,00E+00	1,88E-03	-1,29E-05
	EP-terrestrial	Mol N eq.	3,33E-01	1,24E-01	8,63E-03	4,66E-01	0,00E+00	4,61E-03	0,00E+00	2,05E-02	-1,59E-04
	POCP	Kg NMVOC eq.	9,31E-02	3,55E-02	2,02E-01	3,31E-01	0,00E+00	1,32E-03	0,00E+00	5,90E-03	-5,11E-05
	ADPF	MJ	3,04E+02	9,94E+01	8,29E+00	4,11E+02	0,00E+00	3,91E+00	0,00E+00	1,51E+01	-7,21E-02
	ADPE	Kg Sb eq.	6,12E-05	2,36E-05	2,85E-06	8,77E-05	0,00E+00	1,24E-06	0,00E+00	2,10E-06	-8,64E-09
Water Use	m ³ world eq deprived	6,41E+00	2,83E-01	1,88E-01	6,88E+00	0,00E+00	1,23E-02	0,00E+00	6,57E-01	-1,24E-03	

RESOURCES USE	Impact category	UM	A1	A2	A3	A1-A3	C1	C2	C3	C4	D
	PERE	MJ	1,14E+02	1,34E+00	1,23E+01	1,28E+02	0,00E+00	6,31E-02	0,00E+00	2,50E-01	-1,94E-03
	PERM	MJ	6,00E+01	0,00E+00	0,00E+00	6,00E+01	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
	PERT	MJ	1,74E+02	1,34E+00	1,23E+01	1,88E+02	0,00E+00	6,31E-02	0,00E+00	2,50E-01	-1,94E-03
	PENRE	MJ	3,05E+02	1,06E+02	8,88E+00	4,19E+02	0,00E+00	4,16E+00	0,00E+00	1,61E+01	-7,61E-02
	PENRM	MJ	1,91E+01	0,00E+00	0,00E+00	1,91E+01	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
	PENRT	MJ	3,24E+02	1,06E+02	8,88E+00	4,38E+02	0,00E+00	4,16E+00	0,00E+00	1,61E+01	-7,61E-02
	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
	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
	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
	FW	m ³	2,02E-01	1,08E-02	5,62E-03	2,18E-01	0,00E+00	4,79E-04	0,00E+00	1,60E-02	-3,41E-05

WASTE PRODUCTION AND OUTPUT FLOWS	Impact category	UM	A1	A2	A3	A1-A3	C1	C2	C3	C4	D
	HWD	kg	1,03E-03	2,59E-04	1,40E-05	1,30E-03	0,00E+00	1,04E-05	0,00E+00	2,28E-05	-6,12E-07
	NHWD	kg	2,73E+00	4,80E+00	8,60E-01	8,39E+00	0,00E+00	1,54E-01	0,00E+00	6,13E+01	-2,90E-04
	RWD	kg	7,94E-04	6,81E-04	3,49E-05	1,51E-03	0,00E+00	2,66E-05	0,00E+00	9,07E-05	-1,52E-07
	CRU	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
	MFR	kg	0,00E+00	0,00E+00	1,59E+00	1,59E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
	MER	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
	EEE	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
	EET	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

ADDITIONAL INDICATORS	Impact category	UM	A1	A2	A3	A1-A3	C1	C2	C3	C4	D
	PM	disease inc.	2,08E-06	4,70E-07	1,49E-05	1,74E-05	0,00E+00	1,63E-08	0,00E+00	1,05E-07	-7,54E-10
	IRP	kBq U235 eq.	1,64E+00	5,19E-01	5,13E-02	2,21E+00	0,00E+00	2,11E-02	0,00E+00	7,16E-02	-2,23E-04
	ETP-fw	CTUe	6,95E+02	7,60E+01	9,04E+00	7,80E+02	0,00E+00	3,12E+00	0,00E+00	1,07E+01	-1,04E+00
	HTP-nc	CTUh	3,17E-07	7,72E-08	3,18E-07	7,13E-07	0,00E+00	3,01E-09	0,00E+00	6,60E-09	-1,26E-10
	HTP-c	CTUh	1,45E-08	2,71E-09	1,42E-08	3,14E-08	0,00E+00	1,25E-10	0,00E+00	4,96E-10	-3,05E-11
	SQP	Pt	6,76E+02	6,89E+01	6,75E+01	8,12E+02	0,00E+00	2,32E+00	0,00E+00	3,63E+01	-1,35E-02

PGXAVW (PG6AVW, PG3AVW)

ENVIRONMENTAL IMPACT INDICATORS	Impact category	UM	A1	A2	A3	A1-A3	C1	C2	C3	C4	D
	GWP	Kg CO ₂ eq	2,46E+01	6,55E+00	5,63E-02	3,12E+01	0,00E+00	2,74E-01	0,00E+00	6,81E-01	-6,74E-03
	GWP-fossil	Kg CO ₂ eq	2,99E+01	6,53E+00	9,75E-01	3,74E+01	0,00E+00	2,73E-01	0,00E+00	6,75E-01	-6,76E-03
	GWP-biogenic	Kg CO ₂ eq	-5,38E+00	1,57E-02	-9,20E-01	-6,29E+00	0,00E+00	7,77E-04	0,00E+00	6,48E-03	2,36E-05
	GWP-land use	Kg CO ₂ eq	3,14E-02	2,21E-03	1,67E-03	3,53E-02	0,00E+00	1,14E-04	0,00E+00	2,94E-04	-2,25E-06
	GWP-uptake	Kg CO ₂ eq	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
	ODP	Kg CFC11 eq	2,45E-06	1,49E-06	7,67E-08	4,02E-06	0,00E+00	6,08E-08	0,00E+00	2,09E-07	-4,06E-10
	AP	Mol H+ eq.	5,24E-01	3,27E-02	2,53E-03	5,59E-01	0,00E+00	1,31E-03	0,00E+00	5,70E-03	-4,30E-05
	EP-freshwater	Kg PO ₄ eq.	1,14E-02	4,42E-04	1,36E-04	1,20E-02	0,00E+00	2,16E-05	0,00E+00	1,99E-04	-2,46E-06
	EP-marine	Kg N eq.	5,02E-02	1,14E-02	9,61E-04	6,26E-02	0,00E+00	4,45E-04	0,00E+00	1,98E-03	-1,29E-05
	EP-terrestrial	Mol N eq.	1,89E+00	1,25E-01	8,63E-03	2,03E+00	0,00E+00	4,85E-03	0,00E+00	2,15E-02	-1,59E-04
	POCP	Kg NMVOC eq.	1,20E-01	3,55E-02	2,02E-01	3,58E-01	0,00E+00	1,39E-03	0,00E+00	6,21E-03	-5,11E-05
	ADPF	MJ	3,96E+02	9,96E+01	8,29E+00	5,04E+02	0,00E+00	4,12E+00	0,00E+00	1,59E+01	-7,21E-02
	ADPE	Kg Sb eq.	1,18E-03	2,36E-05	2,85E-06	1,20E-03	0,00E+00	1,30E-06	0,00E+00	2,21E-06	-8,64E-09
Water Use	m ³ world eq deprived	1,16E+01	2,84E-01	1,88E-01	1,21E+01	0,00E+00	1,29E-02	0,00E+00	6,91E-01	-1,24E-03	

RESOURCES USE	Impact category	UM	A1	A2	A3	A1-A3	C1	C2	C3	C4	D
	PERE	MJ	1,24E+02	1,34E+00	1,23E+01	1,37E+02	0,00E+00	6,63E-02	0,00E+00	2,63E-01	-1,94E-03
	PERM	MJ	6,00E+01	0,00E+00	0,00E+00	6,00E+01	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
	PERT	MJ	1,84E+02	1,34E+00	1,23E+01	1,97E+02	0,00E+00	6,63E-02	0,00E+00	2,63E-01	-1,94E-03
	PENRE	MJ	4,02E+02	1,06E+02	8,88E+00	5,16E+02	0,00E+00	4,37E+00	0,00E+00	1,69E+01	-7,61E-02
	PENRM	MJ	2,17E+01	0,00E+00	0,00E+00	2,17E+01	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
	PENRT	MJ	4,23E+02	1,06E+02	8,88E+00	5,38E+02	0,00E+00	4,37E+00	0,00E+00	1,69E+01	-7,61E-02
	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
	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
	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
	FW	m ³	3,64E-01	1,08E-02	5,62E-03	3,81E-01	0,00E+00	5,04E-04	0,00E+00	1,68E-02	-3,41E-05

WASTE PRODUCTION AND OUTPUT FLOWS	Impact category	UM	A1	A2	A3	A1-A3	C1	C2	C3	C4	D
	HWD	kg	6,70E-03	2,59E-04	1,40E-05	6,97E-03	0,00E+00	1,10E-05	0,00E+00	2,39E-05	-6,12E-07
	NHWD	kg	5,16E+00	4,81E+00	8,60E-01	1,08E+01	0,00E+00	1,62E-01	0,00E+00	6,45E+01	-2,90E-04
	RWD	kg	1,14E-03	6,82E-04	3,49E-05	1,86E-03	0,00E+00	2,79E-05	0,00E+00	9,54E-05	-1,52E-07
	CRU	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
	MFR	kg	0,00E+00	0,00E+00	1,59E+00	1,59E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
	MER	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
	EEE	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
	EET	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

ADDITIONAL INDICATORS	Impact category	UM	A1	A2	A3	A1-A3	C1	C2	C3	C4	D
	PM	disease inc.	4,77E-06	4,71E-07	1,49E-05	2,01E-05	0,00E+00	1,71E-08	0,00E+00	1,11E-07	-7,54E-10
	IRP	kBq U235 eq.	2,58E+00	5,20E-01	5,13E-02	3,15E+00	0,00E+00	2,22E-02	0,00E+00	7,53E-02	-2,23E-04
	ETP-fw	CTUe	1,26E+03	7,61E+01	9,04E+00	1,34E+03	0,00E+00	3,29E+00	0,00E+00	1,12E+01	-1,04E+00
	HTP-nc	CTUh	7,78E-07	7,73E-08	3,18E-07	1,17E-06	0,00E+00	3,17E-09	0,00E+00	6,94E-09	-1,26E-10
	HTP-c	CTUh	1,03E-07	2,71E-09	1,42E-08	1,20E-07	0,00E+00	1,32E-10	0,00E+00	5,22E-10	-3,05E-11
	SQP	Pt	7,10E+02	6,91E+01	6,75E+01	8,46E+02	0,00E+00	2,44E+00	0,00E+00	3,82E+01	-1,35E-02

PGXAORA (PG6AORA)

ENVIRONMENTAL IMPACT INDICATORS	Impact category	UM	A1	A2	A3	A1-A3	C1	C2	C3	C4	D
	GWP	Kg CO ₂ eq	2,74E+01	6,77E+00	5,63E-02	3,42E+01	0,00E+00	2,34E-01	0,00E+00	5,80E-01	-6,74E-03
	GWP-fossil	Kg CO ₂ eq	2,61E+01	6,75E+00	9,75E-01	3,38E+01	0,00E+00	2,33E-01	0,00E+00	5,74E-01	-6,76E-03
	GWP-biogenic	Kg CO ₂ eq	1,26E+00	1,63E-02	-9,20E-01	3,61E-01	0,00E+00	6,62E-04	0,00E+00	5,52E-03	2,36E-05
	GWP-land use	Kg CO ₂ eq	1,78E-02	2,29E-03	1,67E-03	2,18E-02	0,00E+00	9,74E-05	0,00E+00	2,50E-04	-2,25E-06
	GWP-uptake	Kg CO ₂ eq	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
	ODP	Kg CFC11 eq	2,37E-06	1,54E-06	7,67E-08	3,99E-06	0,00E+00	5,18E-08	0,00E+00	1,78E-07	-4,06E-10
	AP	Mol H+ eq.	1,60E-01	3,38E-02	2,53E-03	1,97E-01	0,00E+00	1,12E-03	0,00E+00	4,85E-03	-4,30E-05
	EP-freshwater	Kg PO ₄ eq.	7,47E-03	4,57E-04	1,36E-04	8,07E-03	0,00E+00	1,84E-05	0,00E+00	1,69E-04	-2,46E-06
	EP-marine	Kg N eq.	3,11E-02	1,18E-02	9,61E-04	4,39E-02	0,00E+00	3,79E-04	0,00E+00	1,68E-03	-1,29E-05
	EP-terrestrial	Mol N eq.	3,24E-01	1,29E-01	8,63E-03	4,61E-01	0,00E+00	4,13E-03	0,00E+00	1,83E-02	-1,59E-04
	POCP	Kg NMVOC eq.	9,68E-02	3,67E-02	2,02E-01	3,36E-01	0,00E+00	1,18E-03	0,00E+00	5,29E-03	-5,11E-05
	ADPF	MJ	3,62E+02	1,03E+02	8,29E+00	4,74E+02	0,00E+00	3,51E+00	0,00E+00	1,35E+01	-7,21E-02
	ADPE	Kg Sb eq.	1,23E-04	2,45E-05	2,85E-06	1,50E-04	0,00E+00	1,11E-06	0,00E+00	1,88E-06	-8,64E-09
Water Use	m ³ world eq deprived	8,20E+00	2,93E-01	1,88E-01	8,68E+00	0,00E+00	1,10E-02	0,00E+00	5,88E-01	-1,24E-03	

RESOURCES USE	Impact category	UM	A1	A2	A3	A1-A3	C1	C2	C3	C4	D
	PERE	MJ	3,13E+01	1,39E+00	1,23E+01	4,50E+01	0,00E+00	5,65E-02	0,00E+00	2,24E-01	-1,94E-03
	PERM	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
	PERT	MJ	3,13E+01	1,39E+00	1,23E+01	4,50E+01	0,00E+00	5,65E-02	0,00E+00	2,24E-01	-1,94E-03
	PENRE	MJ	3,79E+02	1,09E+02	8,88E+00	4,97E+02	0,00E+00	3,72E+00	0,00E+00	1,44E+01	-7,61E-02
	PENRM	MJ	8,25E+00	0,00E+00	0,00E+00	8,25E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
	PENRT	MJ	3,87E+02	1,09E+02	8,88E+00	5,06E+02	0,00E+00	3,72E+00	0,00E+00	1,44E+01	-7,61E-02
	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
	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
	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
	FW	m ³	2,48E-01	1,11E-02	5,62E-03	2,65E-01	0,00E+00	4,29E-04	0,00E+00	1,43E-02	-3,41E-05

WASTE PRODUCTION AND OUTPUT FLOWS	Impact category	UM	A1	A2	A3	A1-A3	C1	C2	C3	C4	D
	HWD	kg	3,58E-04	2,68E-04	1,40E-05	6,40E-04	0,00E+00	9,36E-06	0,00E+00	2,04E-05	-6,12E-07
	NHWD	kg	2,61E+00	4,95E+00	8,60E-01	8,42E+00	0,00E+00	1,38E-01	0,00E+00	5,49E+01	-2,90E-04
	RWD	kg	7,84E-04	7,05E-04	3,49E-05	1,52E-03	0,00E+00	2,38E-05	0,00E+00	8,13E-05	-1,52E-07
	CRU	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
	MFR	kg	0,00E+00	0,00E+00	1,59E+00	1,59E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
	MER	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
	EEE	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
	EET	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

ADDITIONAL INDICATORS	Impact category	UM	A1	A2	A3	A1-A3	C1	C2	C3	C4	D
	PM	disease inc	1,92E-06	4,86E-07	1,49E-05	1,73E-05	0,00E+00	1,46E-08	0,00E+00	9,42E-08	-7,54E-10
	IRP	kBq U235 eq.	1,71E+00	5,37E-01	5,13E-02	2,30E+00	0,00E+00	1,89E-02	0,00E+00	6,41E-02	-2,23E-04
	ETP-fw	CTUe	8,88E+02	7,87E+01	9,04E+00	9,76E+02	0,00E+00	2,80E+00	0,00E+00	9,56E+00	-1,04E+00
	HTP-nc	CTUh	2,50E-07	7,98E-08	3,18E-07	6,48E-07	0,00E+00	2,70E-09	0,00E+00	5,91E-09	-1,26E-10
	HTP-c	CTUh	2,02E-08	2,80E-09	1,42E-08	3,73E-08	0,00E+00	1,12E-10	0,00E+00	4,45E-10	-3,05E-11
	SQP	Pt	1,35E+02	7,11E+01	6,75E+01	2,74E+02	0,00E+00	2,08E+00	0,00E+00	3,25E+01	-1,35E-02

PGXAMS (PG3AMS, PG6AMS)

ENVIRONMENTAL IMPACT INDICATORS	Impact category	UM	A1	A2	A3	A1-A3	C1	C2	C3	C4	D
	GWP	Kg CO ₂ eq	-8,91E+00	7,03E+00	5,63E-02	-1,82E+00	0,00E+00	2,49E-01	0,00E+00	6,17E-01	-6,74E-03
	GWP-fossil	Kg CO ₂ eq	2,64E+01	7,01E+00	9,75E-01	3,44E+01	0,00E+00	2,48E-01	0,00E+00	6,11E-01	-6,76E-03
	GWP-biogenic	Kg CO ₂ eq	-3,54E+01	1,68E-02	-9,20E-01	-3,63E+01	0,00E+00	7,04E-04	0,00E+00	5,87E-03	2,36E-05
	GWP-land use	Kg CO ₂ eq	2,52E-02	2,35E-03	1,67E-03	2,92E-02	0,00E+00	1,04E-04	0,00E+00	2,66E-04	-2,25E-06
	GWP-uptake	Kg CO ₂ eq	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
	ODP	Kg CFC11 eq	1,88E-06	1,61E-06	7,67E-08	3,57E-06	0,00E+00	5,51E-08	0,00E+00	1,89E-07	-4,06E-10
	AP	Mol H+ eq.	1,85E-01	3,52E-02	2,53E-03	2,23E-01	0,00E+00	1,19E-03	0,00E+00	5,16E-03	-4,30E-05
	EP-freshwater	Kg PO ₄ eq.	9,13E-03	4,74E-04	1,36E-04	9,74E-03	0,00E+00	1,96E-05	0,00E+00	1,80E-04	-2,46E-06
	EP-marine	Kg N eq.	3,45E-02	1,23E-02	9,61E-04	4,77E-02	0,00E+00	4,03E-04	0,00E+00	1,79E-03	-1,29E-05
	EP-terrestrial	Mol N eq.	3,64E-01	1,34E-01	8,63E-03	5,07E-01	0,00E+00	4,40E-03	0,00E+00	1,95E-02	-1,59E-04
	POCP	Kg NMVOC eq.	1,02E-01	3,83E-02	2,02E-01	3,43E-01	0,00E+00	1,26E-03	0,00E+00	5,62E-03	-5,11E-05
	ADPF	MJ	3,50E+02	1,07E+02	8,29E+00	4,65E+02	0,00E+00	3,73E+00	0,00E+00	1,44E+01	-7,21E-02
	ADPE	Kg Sb eq.	8,26E-05	2,48E-05	2,85E-06	1,10E-04	0,00E+00	1,18E-06	0,00E+00	2,01E-06	-8,64E-09
Water Use	m ³ world eq deprived	8,51E+00	3,09E-01	1,88E-01	9,01E+00	0,00E+00	1,17E-02	0,00E+00	6,26E-01	-1,24E-03	

RESOURCES USE	Impact category	UM	A1	A2	A3	A1-A3	C1	C2	C3	C4	D
	PERE	MJ	4,55E+02	1,43E+00	1,23E+01	4,69E+02	0,00E+00	6,01E-02	0,00E+00	2,39E-01	-1,94E-03
	PERM	MJ	5,67E+01	0,00E+00	0,00E+00	5,67E+01	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
	PERT	MJ	5,12E+02	1,43E+00	1,23E+01	5,25E+02	0,00E+00	6,01E-02	0,00E+00	2,39E-01	-1,94E-03
	PENRE	MJ	3,58E+02	1,14E+02	8,88E+00	4,80E+02	0,00E+00	3,96E+00	0,00E+00	1,53E+01	-7,61E-02
	PENRM	MJ	1,59E+01	0,00E+00	0,00E+00	1,59E+01	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
	PENRT	MJ	3,74E+02	1,14E+02	8,88E+00	4,96E+02	0,00E+00	3,96E+00	0,00E+00	1,53E+01	-7,61E-02
	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
	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
	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
	FW	m ³	2,70E-01	1,17E-02	5,62E-03	2,87E-01	0,00E+00	4,57E-04	0,00E+00	1,52E-02	-3,41E-05

WASTE PRODUCTION AND OUTPUT FLOWS	Impact category	UM	A1	A2	A3	A1-A3	C1	C2	C3	C4	D
	HWD	kg	1,07E-03	2,77E-04	1,40E-05	1,36E-03	0,00E+00	9,96E-06	0,00E+00	2,17E-05	-6,12E-07
	NHWD	kg	3,02E+00	5,46E+00	8,60E-01	9,34E+00	0,00E+00	1,47E-01	0,00E+00	5,84E+01	-2,90E-04
	RWD	kg	9,86E-04	7,33E-04	3,49E-05	1,75E-03	0,00E+00	2,53E-05	0,00E+00	8,65E-05	-1,52E-07
	CRU	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
	MFR	kg	0,00E+00	0,00E+00	1,59E+00	1,59E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
	MER	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
	EEE	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
	EET	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

ADDITIONAL INDICATORS	Impact category	UM	A1	A2	A3	A1-A3	C1	C2	C3	C4	D
	PM	disease inc.	2,45E-06	5,15E-07	1,49E-05	1,79E-05	0,00E+00	1,55E-08	0,00E+00	1,00E-07	-7,54E-10
	IRP	kBq U235 eq.	2,33E+00	5,58E-01	5,13E-02	2,94E+00	0,00E+00	2,01E-02	0,00E+00	6,82E-02	-2,23E-04
	ETP-fw	CTUe	7,39E+02	8,19E+01	9,04E+00	8,30E+02	0,00E+00	2,98E+00	0,00E+00	1,02E+01	-1,04E+00
	HTP-nc	CTUh	3,15E-07	8,35E-08	3,18E-07	7,16E-07	0,00E+00	2,87E-09	0,00E+00	6,29E-09	-1,26E-10
	HTP-c	CTUh	3,15E-08	2,89E-09	1,42E-08	4,86E-08	0,00E+00	1,19E-10	0,00E+00	4,73E-10	-3,05E-11
	SQP	Pt	1,16E+03	7,77E+01	6,75E+01	1,31E+03	0,00E+00	2,21E+00	0,00E+00	3,46E+01	-1,35E-02

PGXAVS (PG6AVS, PG3AVS)

ENVIRONMENTAL IMPACT INDICATORS	Impact category	UM	A1	A2	A3	A1-A3	C1	C2	C3	C4	D
	GWP	Kg CO ₂ eq	-2,98E+00	7,03E+00	5,63E-02	4,11E+00	0,00E+00	2,62E-01	0,00E+00	6,51E-01	-6,74E-03
	GWP-fossil	Kg CO ₂ eq	3,22E+01	7,02E+00	9,75E-01	4,02E+01	0,00E+00	2,61E-01	0,00E+00	6,44E-01	-6,76E-03
	GWP-biogenic	Kg CO ₂ eq	-3,52E+01	1,68E-02	-9,20E-01	-3,61E+01	0,00E+00	7,42E-04	0,00E+00	6,19E-03	2,36E-05
	GWP-land use	Kg CO ₂ eq	3,71E-02	2,35E-03	1,67E-03	4,11E-02	0,00E+00	1,09E-04	0,00E+00	2,81E-04	-2,25E-06
	GWP-uptake	Kg CO ₂ eq	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
	ODP	Kg CFC11 eq	2,60E-06	1,61E-06	7,67E-08	4,29E-06	0,00E+00	5,81E-08	0,00E+00	2,00E-07	-4,06E-10
	AP	Mol H+ eq.	5,37E-01	3,52E-02	2,53E-03	5,74E-01	0,00E+00	1,25E-03	0,00E+00	5,44E-03	-4,30E-05
	EP-freshwater	Kg PO ₄ eq.	1,28E-02	4,74E-04	1,36E-04	1,35E-02	0,00E+00	2,06E-05	0,00E+00	1,90E-04	-2,46E-06
	EP-marine	Kg N eq.	5,27E-02	1,23E-02	9,61E-04	6,60E-02	0,00E+00	4,25E-04	0,00E+00	1,89E-03	-1,29E-05
	EP-terrestrial	Mol N eq.	1,92E+00	1,34E-01	8,63E-03	2,07E+00	0,00E+00	4,64E-03	0,00E+00	2,06E-02	-1,59E-04
	POCP	Kg NMVOC eq.	1,29E-01	3,83E-02	2,02E-01	3,70E-01	0,00E+00	1,33E-03	0,00E+00	5,93E-03	-5,11E-05
	ADPF	MJ	4,43E+02	1,07E+02	8,29E+00	5,58E+02	0,00E+00	3,93E+00	0,00E+00	1,52E+01	-7,21E-02
	ADPE	Kg Sb eq.	1,20E-03	2,48E-05	2,85E-06	1,23E-03	0,00E+00	1,25E-06	0,00E+00	2,11E-06	-8,64E-09
Water Use	m ³ world eq deprived	1,37E+01	3,09E-01	1,88E-01	1,42E+01	0,00E+00	1,23E-02	0,00E+00	6,60E-01	-1,24E-03	

RESOURCES USE	Impact category	UM	A1	A2	A3	A1-A3	C1	C2	C3	C4	D
	PERE	MJ	4,65E+02	1,43E+00	1,23E+01	4,78E+02	0,00E+00	6,34E-02	0,00E+00	2,51E-01	-1,94E-03
	PERM	MJ	5,67E+01	0,00E+00	0,00E+00	5,67E+01	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
	PERT	MJ	5,21E+02	1,43E+00	1,23E+01	5,35E+02	0,00E+00	6,34E-02	0,00E+00	2,51E-01	-1,94E-03
	PENRE	MJ	4,54E+02	1,14E+02	-2,62E+02	3,06E+02	0,00E+00	4,18E+00	0,00E+00	1,61E+01	-7,61E-02
	PENRM	MJ	1,85E+01	2,01E-02	2,71E+02	2,89E+02	0,00E+00	2,89E-04	0,00E+00	6,21E-02	0,00E+00
	PENRT	MJ	4,73E+02	1,14E+02	8,88E+00	5,96E+02	0,00E+00	4,18E+00	0,00E+00	1,61E+01	-7,61E-02
	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
	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
	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
	FW	m ³	4,32E-01	1,17E-02	5,62E-03	4,50E-01	0,00E+00	4,81E-04	0,00E+00	1,60E-02	-3,41E-05

WASTE PRODUCTION AND OUTPUT FLOWS	Impact category	UM	A1	A2	A3	A1-A3	C1	C2	C3	C4	D
	HWD	kg	6,73E-03	2,78E-04	1,40E-05	7,02E-03	0,00E+00	1,05E-05	0,00E+00	2,29E-05	-6,12E-07
	NHWD	kg	5,45E+00	5,48E+00	8,60E-01	1,18E+01	0,00E+00	1,55E-01	0,00E+00	6,16E+01	-2,90E-04
	RWD	kg	1,34E-03	7,34E-04	3,49E-05	2,11E-03	0,00E+00	2,67E-05	0,00E+00	9,12E-05	-1,52E-07
	CRU	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
	MFR	kg	0,00E+00	0,00E+00	1,59E+00	1,59E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
	MER	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
	EEE	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
	EET	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

ADDITIONAL INDICATORS	Impact category	UM	A1	A2	A3	A1-A3	C1	C2	C3	C4	D
	PM	disease inc.	5,14E-06	5,16E-07	1,49E-05	2,06E-05	0,00E+00	1,64E-08	0,00E+00	1,06E-07	-7,54E-10
	IRP	kBq U235 eq.	3,27E+00	5,59E-01	5,13E-02	3,88E+00	0,00E+00	2,12E-02	0,00E+00	7,19E-02	-2,23E-04
	ETP-fw	CTUe	1,30E+03	8,20E+01	9,04E+00	1,39E+03	0,00E+00	3,14E+00	0,00E+00	1,07E+01	-1,04E+00
	HTP-nc	CTUh	7,76E-07	8,36E-08	3,18E-07	1,18E-06	0,00E+00	3,03E-09	0,00E+00	6,63E-09	-1,26E-10
	HTP-c	CTUh	1,20E-07	2,89E-09	1,42E-08	1,37E-07	0,00E+00	1,26E-10	0,00E+00	4,99E-10	-3,05E-11
	SQP	Pt	1,19E+03	7,78E+01	6,75E+01	1,34E+03	0,00E+00	2,33E+00	0,00E+00	3,65E+01	-1,35E-02

PGXAMP (PG3AMP, PG6AMP)

ENVIRONMENTAL IMPACT INDICATORS	Impact category	UM	A1	A2	A3	A1-A3	C1	C2	C3	C4	D
	GWP	Kg CO ₂ eq	3,82E+01	6,77E+00	5,63E-02	4,50E+01	0,00E+00	2,51E-01	0,00E+00	6,23E-01	-6,74E-03
	GWP-fossil	Kg CO ₂ eq	3,66E+01	6,75E+00	9,75E-01	4,43E+01	0,00E+00	2,50E-01	0,00E+00	6,17E-01	-6,76E-03
	GWP-biogenic	Kg CO ₂ eq	1,62E+00	1,63E-02	-9,20E-01	7,16E-01	0,00E+00	7,11E-04	0,00E+00	5,93E-03	2,36E-05
	GWP-land use	Kg CO ₂ eq	2,41E-02	2,29E-03	1,67E-03	2,80E-02	0,00E+00	1,05E-04	0,00E+00	2,69E-04	-2,25E-06
	GWP-uptake	Kg CO ₂ eq	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
	ODP	Kg CFC11 eq	3,24E-06	1,55E-06	7,67E-08	4,86E-06	0,00E+00	5,56E-08	0,00E+00	1,91E-07	-4,06E-10
	AP	Mol H+ eq.	2,39E-01	3,38E-02	2,53E-03	2,76E-01	0,00E+00	1,20E-03	0,00E+00	5,21E-03	-4,30E-05
	EP-freshwater	Kg PO ₄ eq.	1,22E-02	4,57E-04	1,36E-04	1,28E-02	0,00E+00	1,97E-05	0,00E+00	1,82E-04	-2,46E-06
	EP-marine	Kg N eq.	4,39E-02	1,18E-02	9,61E-04	5,67E-02	0,00E+00	4,07E-04	0,00E+00	1,81E-03	-1,29E-05
	EP-terrestrial	Mol N eq.	5,04E-01	1,29E-01	8,63E-03	6,42E-01	0,00E+00	4,44E-03	0,00E+00	1,97E-02	-1,59E-04
	POCP	Kg NMVOC eq.	1,32E-01	3,67E-02	2,02E-01	3,71E-01	0,00E+00	1,27E-03	0,00E+00	5,68E-03	-5,11E-05
	ADPF	MJ	5,43E+02	1,03E+02	8,29E+00	6,54E+02	0,00E+00	3,77E+00	0,00E+00	1,45E+01	-7,21E-02
	ADPE	Kg Sb eq.	2,37E-04	2,45E-05	2,85E-06	2,65E-04	0,00E+00	1,19E-06	0,00E+00	2,02E-06	-8,64E-09
Water Use	m ³ world eq deprived	2,26E+01	2,93E-01	1,88E-01	2,31E+01	0,00E+00	1,18E-02	0,00E+00	6,32E-01	-1,24E-03	

RESOURCES USE	Impact category	UM	A1	A2	A3	A1-A3	C1	C2	C3	C4	D
	PERE	MJ	8,50E+01	1,39E+00	1,23E+01	9,87E+01	0,00E+00	6,07E-02	0,00E+00	2,41E-01	-1,94E-03
	PERM	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
	PERT	MJ	8,50E+01	1,39E+00	1,23E+01	9,87E+01	0,00E+00	6,07E-02	0,00E+00	2,41E-01	-1,94E-03
	PENRE	MJ	4,96E+02	1,09E+02	8,88E+00	6,14E+02	0,00E+00	4,00E+00	0,00E+00	1,54E+01	-7,61E-02
	PENRM	MJ	8,98E+01	0,00E+00	0,00E+00	8,98E+01	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
	PENRT	MJ	5,86E+02	1,09E+02	8,88E+00	7,04E+02	0,00E+00	4,00E+00	0,00E+00	1,54E+01	-7,61E-02
	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
	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
	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
	FW	m ³	6,15E-01	1,11E-02	5,62E-03	6,32E-01	0,00E+00	4,61E-04	0,00E+00	1,54E-02	-3,41E-05

WASTE PRODUCTION AND OUTPUT FLOWS	Impact category	UM	A1	A2	A3	A1-A3	C1	C2	C3	C4	D
	HWD	kg	1,41E-03	2,68E-04	1,40E-05	1,69E-03	0,00E+00	1,00E-05	0,00E+00	2,19E-05	-6,12E-07
	NHWD	kg	3,91E+00	4,95E+00	8,60E-01	9,72E+00	0,00E+00	1,49E-01	0,00E+00	5,90E+01	-2,90E-04
	RWD	kg	1,09E-03	7,05E-04	3,49E-05	1,83E-03	0,00E+00	2,55E-05	0,00E+00	8,73E-05	-1,52E-07
	CRU	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
	MFR	kg	0,00E+00	0,00E+00	1,59E+00	1,59E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
	MER	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
	EEE	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
	EET	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

ADDITIONAL INDICATORS	Impact category	UM	A1	A2	A3	A1-A3	C1	C2	C3	C4	D
	PM	disease inc.	2,85E-06	4,86E-07	1,49E-05	1,82E-05	0,00E+00	1,57E-08	0,00E+00	1,01E-07	-7,54E-10
	IRP	kBq U235 eq.	2,32E+00	5,38E-01	5,13E-02	2,91E+00	0,00E+00	2,03E-02	0,00E+00	6,89E-02	-2,23E-04
	ETP-fw	CTUe	9,57E+02	7,87E+01	9,04E+00	1,05E+03	0,00E+00	3,00E+00	0,00E+00	1,03E+01	-1,04E+00
	HTP-nc	CTUh	3,93E-07	7,99E-08	3,18E-07	7,91E-07	0,00E+00	2,90E-09	0,00E+00	6,35E-09	-1,26E-10
	HTP-c	CTUh	8,44E-08	2,80E-09	1,42E-08	1,01E-07	0,00E+00	1,20E-10	0,00E+00	4,77E-10	-3,05E-11
	SQP	Pt	4,51E+02	7,12E+01	6,75E+01	5,90E+02	0,00E+00	2,23E+00	0,00E+00	3,49E+01	-1,35E-02

PGXAVP (PG3AVP, PG6AVP)

ENVIRONMENTAL IMPACT INDICATORS	Impact category	UM	A1	A2	A3	A1-A3	C1	C2	C3	C4	D
	GWP	Kg CO ₂ eq	4,41E+01	6,78E+00	5,63E-02	5,10E+01	0,00E+00	2,64E-01	0,00E+00	6,57E-01	-6,74E-03
	GWP-fossil	Kg CO ₂ eq	4,23E+01	6,76E+00	9,75E-01	5,00E+01	0,00E+00	2,63E-01	0,00E+00	6,50E-01	-6,76E-03
	GWP-biogenic	Kg CO ₂ eq	1,79E+00	1,63E-02	-9,20E-01	8,82E-01	0,00E+00	7,49E-04	0,00E+00	6,24E-03	2,36E-05
	GWP-land use	Kg CO ₂ eq	3,60E-02	2,29E-03	1,67E-03	3,99E-02	0,00E+00	1,10E-04	0,00E+00	2,83E-04	-2,25E-06
	GWP-uptake	Kg CO ₂ eq	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
	ODP	Kg CFC11 eq	3,95E-06	1,55E-06	7,67E-08	5,58E-06	0,00E+00	5,86E-08	0,00E+00	2,01E-07	-4,06E-10
	AP	Mol H+ eq.	5,91E-01	3,39E-02	2,53E-03	6,28E-01	0,00E+00	1,27E-03	0,00E+00	5,49E-03	-4,30E-05
	EP-freshwater	Kg PO ₄ eq.	1,59E-02	4,58E-04	1,36E-04	1,65E-02	0,00E+00	2,08E-05	0,00E+00	1,91E-04	-2,46E-06
	EP-marine	Kg N eq.	6,22E-02	1,18E-02	9,61E-04	7,50E-02	0,00E+00	4,28E-04	0,00E+00	1,91E-03	-1,29E-05
	EP-terrestrial	Mol N eq.	2,06E+00	1,29E-01	8,63E-03	2,20E+00	0,00E+00	4,68E-03	0,00E+00	2,07E-02	-1,59E-04
	POCP	Kg NMVOC eq.	1,59E-01	3,68E-02	2,02E-01	3,98E-01	0,00E+00	1,34E-03	0,00E+00	5,98E-03	-5,11E-05
	ADPF	MJ	6,36E+02	1,03E+02	8,29E+00	7,47E+02	0,00E+00	3,97E+00	0,00E+00	1,53E+01	-7,21E-02
	ADPE	Kg Sb eq.	1,35E-03	2,45E-05	2,85E-06	1,38E-03	0,00E+00	1,26E-06	0,00E+00	2,13E-06	-8,64E-09
Water Use	m ³ world eq deprived	2,78E+01	2,94E-01	1,88E-01	2,83E+01	0,00E+00	1,24E-02	0,00E+00	6,66E-01	-1,24E-03	

RESOURCES USE	Impact category	UM	A1	A2	A3	A1-A3	C1	C2	C3	C4	D
	PERE	MJ	9,48E+01	1,39E+00	1,23E+01	1,08E+02	0,00E+00	6,39E-02	0,00E+00	2,54E-01	-1,94E-03
	PERM	MJ	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00	0,00E+00	0,00	0,00	0,00E+00
	PERT	MJ	9,48E+01	1,39E+00	1,23E+01	1,08E+02	0,00E+00	6,39E-02	0,00E+00	2,54E-01	-1,94E-03
	PENRE	MJ	5,93E+02	1,09E+02	8,88E+00	7,11E+02	0,00E+00	4,21E+00	0,00E+00	1,63E+01	-7,61E-02
	PENRM	MJ	9,24E+01	0,00E+00	0,00E+00	9,24E+01	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
	PENRT	MJ	6,85E+02	1,09E+02	8,88E+00	8,03E+02	0,00E+00	4,21E+00	0,00E+00	1,63E+01	-7,61E-02
	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
	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
	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
	FW	m ³	7,78E-01	1,12E-02	5,62E-03	7,95E-01	0,00E+00	4,86E-04	0,00E+00	1,62E-02	-3,41E-05

WASTE PRODUCTION AND OUTPUT FLOWS	Impact category	UM	A1	A2	A3	A1-A3	C1	C2	C3	C4	D
	HWD	kg	7,08E-03	2,68E-04	1,40E-05	7,36E-03	0,00E+00	1,06E-05	0,00E+00	2,31E-05	-6,12E-07
	NHWD	kg	6,34E+00	4,96E+00	8,60E-01	1,22E+01	0,00E+00	1,56E-01	0,00E+00	6,22E+01	-2,90E-04
	RWD	kg	1,44E-03	7,06E-04	3,49E-05	2,18E-03	0,00E+00	2,69E-05	0,00E+00	9,20E-05	-1,52E-07
	CRU	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
	MFR	kg	0,00E+00	0,00E+00	1,59E+00	1,59E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
	MER	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
	EEE	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
	EET	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

ADDITIONAL INDICATORS	Impact category	UM	A1	A2	A3	A1-A3	C1	C2	C3	C4	D
	PM	disease inc.	5,54E-06	4,87E-07	1,49E-05	2,09E-05	0,00E+00	1,65E-08	0,00E+00	1,07E-07	-7,54E-10
	IRP	kBq U235 eq.	3,25E+00	5,38E-01	5,13E-02	3,84E+00	0,00E+00	2,14E-02	0,00E+00	7,26E-02	-2,23E-04
	ETP-fw	CTUe	1,52E+03	7,88E+01	9,04E+00	1,61E+03	0,00E+00	3,17E+00	0,00E+00	1,08E+01	-1,04E+00
	HTP-nc	CTUh	8,54E-07	8,00E-08	3,18E-07	1,25E-06	0,00E+00	3,06E-09	0,00E+00	6,69E-09	-1,26E-10
	HTP-c	CTUh	1,73E-07	2,81E-09	1,42E-08	1,90E-07	0,00E+00	1,27E-10	0,00E+00	5,03E-10	-3,05E-11
	SQP	Pt	4,84E+02	7,13E+01	6,75E+01	6,23E+02	0,00E+00	2,35E+00	0,00E+00	3,68E+01	-1,35E-02

PGXAMH_K (PG6AMH_K)

ENVIRONMENTAL IMPACT INDICATORS	Impact category	UM	A1	A2	A3	A1-A3	C1	C2	C3	C4	D
	GWP	Kg CO ₂ eq	3,95E+01	6,88E+00	5,63E-02	4,64E+01	0,00E+00	2,53E-01	0,00E+00	6,28E-01	-6,74E-03
	GWP-fossil	Kg CO ₂ eq	3,88E+01	6,86E+00	9,75E-01	4,66E+01	0,00E+00	2,52E-01	0,00E+00	6,21E-01	-6,76E-03
	GWP-biogenic	Kg CO ₂ eq	6,71E-01	1,65E-02	-9,20E-01	-2,33E-01	0,00E+00	7,16E-04	0,00E+00	5,97E-03	2,36E-05
	GWP-land use	Kg CO ₂ eq	2,93E-02	2,31E-03	1,67E-03	3,33E-02	0,00E+00	1,05E-04	0,00E+00	2,71E-04	-2,25E-06
	GWP-uptake	Kg CO ₂ eq	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
	ODP	Kg CFC11 eq	3,33E-06	1,57E-06	7,67E-08	4,98E-06	0,00E+00	5,60E-08	0,00E+00	1,92E-07	-4,06E-10
	AP	Mol H+ eq.	2,33E-01	3,44E-02	2,53E-03	2,70E-01	0,00E+00	1,21E-03	0,00E+00	5,25E-03	-4,30E-05
	EP-freshwater	Kg PO ₄ eq.	1,26E-02	4,64E-04	1,36E-04	1,32E-02	0,00E+00	1,99E-05	0,00E+00	1,83E-04	-2,46E-06
	EP-marine	Kg N eq.	4,32E-02	1,20E-02	9,61E-04	5,61E-02	0,00E+00	4,10E-04	0,00E+00	1,82E-03	-1,29E-05
	EP-terrestrial	Mol N eq.	4,73E-01	1,31E-01	8,63E-03	6,13E-01	0,00E+00	4,47E-03	0,00E+00	1,98E-02	-1,59E-04
	POCP	Kg NMVOC eq.	1,32E-01	3,74E-02	2,02E-01	3,72E-01	0,00E+00	1,28E-03	0,00E+00	5,72E-03	-5,11E-05
	ADPF	MJ	5,24E+02	1,05E+02	8,29E+00	6,37E+02	0,00E+00	3,79E+00	0,00E+00	1,46E+01	-7,21E-02
	ADPE	Kg Sb eq.	8,64E-04	2,44E-05	2,85E-06	8,91E-04	0,00E+00	1,20E-06	0,00E+00	2,04E-06	-8,64E-09
Water Use	m ³ world eq deprived	1,14E+01	3,01E-01	1,88E-01	1,18E+01	0,00E+00	1,19E-02	0,00E+00	6,36E-01	-1,24E-03	

RESOURCES USE	Impact category	UM	A1	A2	A3	A1-A3	C1	C2	C3	C4	D
	PERE	MJ	4,29E+01	1,41E+00	1,23E+01	5,66E+01	0,00E+00	6,11E-02	0,00E+00	2,42E-01	-1,94E-03
	PERM	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
	PERT	MJ	4,29E+01	1,41E+00	1,23E+01	5,66E+01	0,00E+00	6,11E-02	0,00E+00	2,42E-01	-1,94E-03
	PENRE	MJ	5,33E+02	1,11E+02	8,88E+00	6,53E+02	0,00E+00	4,03E+00	0,00E+00	1,56E+01	-7,61E-02
	PENRM	MJ	3,03E+01	0,00E+00	0,00E+00	3,03E+01	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
	PENRT	MJ	5,63E+02	1,11E+02	8,88E+00	6,83E+02	0,00E+00	4,03E+00	0,00E+00	1,56E+01	-7,61E-02
	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
	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
	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
	FW	m ³	3,38E-01	1,14E-02	5,62E-03	3,55E-01	0,00E+00	4,64E-04	0,00E+00	1,55E-02	-3,41E-05

WASTE PRODUCTION AND OUTPUT FLOWS	Impact category	UM	A1	A2	A3	A1-A3	C1	C2	C3	C4	D
	HWD	kg	2,43E-01	2,72E-04	1,40E-05	2,43E-01	0,00E+00	1,01E-05	0,00E+00	2,20E-05	-6,12E-07
	NHWD	kg	8,87E+00	5,27E+00	8,60E-01	1,50E+01	0,00E+00	1,50E-01	0,00E+00	5,94E+01	-2,90E-04
	RWD	kg	1,27E-03	7,18E-04	3,49E-05	2,03E-03	0,00E+00	2,57E-05	0,00E+00	8,79E-05	-1,52E-07
	CRU	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
	MFR	kg	0,00E+00	0,00E+00	1,73E+00	1,73E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
	MER	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
	EEE	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
	EET	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

ADDITIONAL INDICATORS	Impact category	UM	A1	A2	A3	A1-A3	C1	C2	C3	C4	D
	PM	disease inc.	5,43E-05	5,02E-07	1,49E-05	6,97E-05	0,00E+00	1,58E-08	0,00E+00	1,02E-07	-7,54E-10
	IRP	kBq U235 eq.	2,69E+00	5,47E-01	5,13E-02	3,29E+00	0,00E+00	2,05E-02	0,00E+00	6,94E-02	-2,23E-04
	ETP-fw	CTUe	1,04E+03	8,02E+01	9,04E+00	1,13E+03	0,00E+00	3,03E+00	0,00E+00	1,03E+01	-1,04E+00
	HTP-nc	CTUh	8,70E-07	8,16E-08	3,18E-07	1,27E-06	0,00E+00	2,92E-09	0,00E+00	6,40E-09	-1,26E-10
	HTP-c	CTUh	3,27E-08	2,83E-09	1,42E-08	4,98E-08	0,00E+00	1,21E-10	0,00E+00	4,81E-10	-3,05E-11
	SQP	Pt	2,99E+02	7,51E+01	6,75E+01	4,42E+02	0,00E+00	2,25E+00	0,00E+00	3,51E+01	-1,35E-02

PGXAVH_K (PG6AVH_K)

ENVIRONMENTAL IMPACT INDICATORS	Impact category	UM	A1	A2	A3	A1-A3	C1	C2	C3	C4	D
	GWP	Kg CO2eq	3,95E+01	6,89E+00	5,63E-02	4,64E+01	0,00E+00	2,66E-01	0,00E+00	6,61E-01	-6,74E-03
	GWP-fossil	Kg CO2eq	3,88E+01	6,87E+00	9,75E-01	4,66E+01	0,00E+00	2,65E-01	0,00E+00	6,54E-01	-6,76E-03
	GWP-biogenic	Kg CO2eq	6,71E-01	1,65E-02	-9,20E-01	-2,33E-01	0,00E+00	7,54E-04	0,00E+00	6,29E-03	2,36E-05
	GWP-land use	Kg CO2eq	2,93E-02	2,31E-03	1,67E-03	3,33E-02	0,00E+00	1,11E-04	0,00E+00	2,85E-04	-2,25E-06
	GWP-uptake	Kg CO2eq	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
	ODP	Kg CFC11 eq	3,33E-06	1,58E-06	7,67E-08	4,99E-06	0,00E+00	5,90E-08	0,00E+00	2,03E-07	-4,06E-10
	AP	Mol H+ eq.	2,33E-01	3,45E-02	2,53E-03	2,70E-01	0,00E+00	1,27E-03	0,00E+00	5,53E-03	-4,30E-05
	EP-freshwater	Kg PO4 eq.	1,26E-02	4,65E-04	1,36E-04	1,32E-02	0,00E+00	2,09E-05	0,00E+00	1,93E-04	-2,46E-06
	EP-marine	Kg N eq.	4,32E-02	1,20E-02	9,61E-04	5,61E-02	0,00E+00	4,31E-04	0,00E+00	1,92E-03	-1,29E-05
	EP-terrestrial	Mol N eq.	4,73E-01	1,31E-01	8,63E-03	6,13E-01	0,00E+00	4,71E-03	0,00E+00	2,09E-02	-1,59E-04
	POCP	Kg NMVOC eq.	1,32E-01	3,75E-02	2,02E-01	3,72E-01	0,00E+00	1,35E-03	0,00E+00	6,02E-03	-5,11E-05
	ADPF	MJ	5,24E+02	1,05E+02	8,29E+00	6,37E+02	0,00E+00	3,99E+00	0,00E+00	1,54E+01	-7,21E-02
	ADPE	Kg Sb eq.	8,64E-04	2,45E-05	2,85E-06	8,91E-04	0,00E+00	1,27E-06	0,00E+00	2,15E-06	-8,64E-09
Water Use	m3 world eq deprived	1,14E+01	3,02E-01	1,88E-01	1,18E+01	0,00E+00	1,25E-02	0,00E+00	6,70E-01	-1,24E-03	

RESOURCES USE	Impact category	UM	A1	A2	A3	A1-A3	C1	C2	C3	C4	D
	PERE	MJ	4,29E+01	1,41E+00	1,23E+01	5,66E+01	0,00E+00	6,44E-02	0,00E+00	2,55E-01	-1,94E-03
	PERM	MJ	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00	0,00E+00	0,00	0,00	0,00E+00
	PERT	MJ	4,29E+01	1,41E+00	1,23E+01	5,66E+01	0,00E+00	6,44E-02	0,00E+00	2,55E-01	-1,94E-03
	PENRE	MJ	5,30E+02	1,11E+02	8,88E+00	6,51E+02	0,00E+00	4,24E+00	0,00E+00	1,64E+01	-7,61E-02
	PENRM	MJ	3,28E+01	0,00E+00	0,00E+00	3,28E+01	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
	PENRT	MJ	5,63E+02	1,11E+02	8,88E+00	6,83E+02	0,00E+00	4,24E+00	0,00E+00	1,64E+01	-7,61E-02
	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
	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
	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
	FW	m3	3,38E-01	1,14E-02	5,62E-03	3,55E-01	0,00E+00	4,89E-04	0,00E+00	1,63E-02	-3,41E-05

WASTE PRODUCTION AND OUTPUT FLOWS	Impact category	UM	A1	A2	A3	A1-A3	C1	C2	C3	C4	D
	HWD	kg	2,43E-01	2,72E-04	1,40E-05	2,43E-01	0,00E+00	1,07E-05	0,00E+00	2,32E-05	-6,12E-07
	NHWD	kg	8,87E+00	5,28E+00	8,60E-01	1,50E+01	0,00E+00	1,58E-01	0,00E+00	6,26E+01	-2,90E-04
	RWD	kg	1,27E-03	7,19E-04	3,49E-05	2,03E-03	0,00E+00	2,71E-05	0,00E+00	9,26E-05	-1,52E-07
	CRU	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
	MFR	kg	0,00E+00	0,00E+00	1,73E+00	1,73E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
	MER	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
	EEE	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
	EET	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

ADDITIONAL INDICATORS	Impact category	UM	A1	A2	A3	A1-A3	C1	C2	C3	C4	D
	PM	disease inc.	5,43E-05	5,03E-07	1,49E-05	6,97E-05	0,00E+00	1,66E-08	0,00E+00	1,07E-07	-7,54E-10
	IRP	kBq U235 eq.	2,69E+00	5,48E-01	5,13E-02	3,29E+00	0,00E+00	2,16E-02	0,00E+00	7,31E-02	-2,23E-04
	ETP-fw	CTUe	1,04E+03	8,03E+01	9,04E+00	1,13E+03	0,00E+00	3,19E+00	0,00E+00	1,09E+01	-1,04E+00
	HTP-nc	CTUh	8,70E-07	8,17E-08	3,18E-07	1,27E-06	0,00E+00	3,08E-09	0,00E+00	6,74E-09	-1,26E-10
	HTP-c	CTUh	3,27E-08	2,84E-09	1,42E-08	4,98E-08	0,00E+00	1,28E-10	0,00E+00	5,06E-10	-3,05E-11
	SQP	Pt	2,99E+02	7,53E+01	6,75E+01	4,42E+02	0,00E+00	2,37E+00	0,00E+00	3,70E+01	-1,35E-02

PGXA0H_K (PG6A0H_K)

ENVIRONMENTAL IMPACT INDICATORS	Impact category	UM	A1	A2	A3	A1-A3	C1	C2	C3	C4	D
	GWP	Kg CO ₂ eq	3,95E+01	6,88E+00	5,63E-02	4,64E+01	0,00E+00	2,52E-01	0,00E+00	6,25E-01	-6,74E-03
	GWP-fossil	Kg CO ₂ eq	3,88E+01	6,86E+00	9,75E-01	4,66E+01	0,00E+00	2,51E-01	0,00E+00	6,19E-01	-6,76E-03
	GWP-biogenic	Kg CO ₂ eq	6,71E-01	1,65E-02	-9,20E-01	-2,33E-01	0,00E+00	7,13E-04	0,00E+00	5,94E-03	2,36E-05
	GWP-land use	Kg CO ₂ eq	2,93E-02	2,31E-03	1,67E-03	3,33E-02	0,00E+00	1,05E-04	0,00E+00	2,70E-04	-2,25E-06
	GWP-uptake	Kg CO ₂ eq	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
	ODP	Kg CFC11 eq	3,33E-06	1,57E-06	7,67E-08	4,98E-06	0,00E+00	5,58E-08	0,00E+00	1,92E-07	-4,06E-10
	AP	Mol H+ eq.	2,33E-01	3,44E-02	2,53E-03	2,70E-01	0,00E+00	1,20E-03	0,00E+00	5,23E-03	-4,30E-05
	EP-freshwater	Kg PO ₄ eq.	1,26E-02	4,64E-04	1,36E-04	1,32E-02	0,00E+00	1,98E-05	0,00E+00	1,82E-04	-2,46E-06
	EP-marine	Kg N eq.	4,32E-02	1,20E-02	9,61E-04	5,61E-02	0,00E+00	4,08E-04	0,00E+00	1,81E-03	-1,29E-05
	EP-terrestrial	Mol N eq.	4,73E-01	1,31E-01	8,63E-03	6,13E-01	0,00E+00	4,45E-03	0,00E+00	1,97E-02	-1,59E-04
	POCP	Kg NMVOC eq.	1,32E-01	3,74E-02	2,02E-01	3,72E-01	0,00E+00	1,27E-03	0,00E+00	5,69E-03	-5,11E-05
	ADPF	MJ	5,24E+02	1,05E+02	8,29E+00	6,37E+02	0,00E+00	3,78E+00	0,00E+00	1,46E+01	-7,21E-02
	ADPE	Kg Sb eq.	8,64E-04	2,44E-05	2,85E-06	8,91E-04	0,00E+00	1,20E-06	0,00E+00	2,03E-06	-8,64E-09
Water Use	m ³ world eq deprived	1,14E+01	3,01E-01	1,88E-01	1,18E+01	0,00E+00	1,18E-02	0,00E+00	6,34E-01	-1,24E-03	

RESOURCES USE	Impact category	UM	A1	A2	A3	A1-A3	C1	C2	C3	C4	D
	PERE	MJ	4,29E+01	1,40E+00	1,23E+01	5,66E+01	0,00E+00	6,08E-02	0,00E+00	2,41E-01	-1,94E-03
	PERM	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
	PERT	MJ	4,29E+01	1,40E+00	1,23E+01	5,66E+01	0,00E+00	6,08E-02	0,00E+00	2,41E-01	-1,94E-03
	PENRE	MJ	5,35E+02	1,11E+02	8,88E+00	6,56E+02	0,00E+00	4,01E+00	0,00E+00	1,55E+01	-7,61E-02
	PENRM	MJ	2,77E+01	0,00E+00	0,00E+00	2,77E+01	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
	PENRT	MJ	5,63E+02	1,11E+02	8,88E+00	6,83E+02	0,00E+00	4,01E+00	0,00E+00	1,55E+01	-7,61E-02
	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
	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
	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
	FW	m ³	3,38E-01	1,14E-02	5,62E-03	3,55E-01	0,00E+00	4,62E-04	0,00E+00	1,54E-02	-3,41E-05

WASTE PRODUCTION AND OUTPUT FLOWS	Impact category	UM	A1	A2	A3	A1-A3	C1	C2	C3	C4	D
	HWD	kg	2,43E-01	2,72E-04	1,40E-05	2,43E-01	0,00E+00	1,01E-05	0,00E+00	2,19E-05	-6,12E-07
	NHWD	kg	8,87E+00	5,27E+00	8,60E-01	1,50E+01	0,00E+00	1,49E-01	0,00E+00	5,92E+01	-2,90E-04
	RWD	kg	1,27E-03	7,18E-04	3,49E-05	2,02E-03	0,00E+00	2,56E-05	0,00E+00	8,75E-05	-1,52E-07
	CRU	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
	MFR	kg	0,00E+00	0,00E+00	1,73E+00	1,73E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
	MER	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
	EEE	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
	EET	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

ADDITIONAL INDICATORS	Impact category	UM	A1	A2	A3	A1-A3	C1	C2	C3	C4	D
	PM	disease inc.	5,43E-05	5,02E-07	1,49E-05	6,97E-05	0,00E+00	1,57E-08	0,00E+00	1,01E-07	-7,54E-10
	IRP	kBq U235 eq.	2,69E+00	5,47E-01	5,13E-02	3,29E+00	0,00E+00	2,04E-02	0,00E+00	6,91E-02	-2,23E-04
	ETP-fw	CTUe	1,04E+03	8,01E+01	9,04E+00	1,13E+03	0,00E+00	3,01E+00	0,00E+00	1,03E+01	-1,04E+00
	HTP-nc	CTUh	8,70E-07	8,16E-08	3,18E-07	1,27E-06	0,00E+00	2,91E-09	0,00E+00	6,37E-09	-1,26E-10
	HTP-c	CTUh	3,27E-08	2,83E-09	1,42E-08	4,98E-08	0,00E+00	1,21E-10	0,00E+00	4,79E-10	-3,05E-11
	SQP	Pt	2,99E+02	7,51E+01	6,75E+01	4,42E+02	0,00E+00	2,24E+00	0,00E+00	3,50E+01	-1,35E-02

Legend

ENVIRONMENTAL IMPACT INDICATORS	
GWP	Global warming potential at 100 years
GWP-fossil	Global warming potential at 100 years – Fossil
GWP-biogenic	Global warming potential at 100 years – Biogenic
GWP-land use	Global warming potential at 100 years – Land use and change of land use
GWP-uptake	Global warming potential at 100 years – uptake
ODP	Ozone layer depletion potential in the stratosphere
AP	Acidification potential of soil water
EP-freshwater	Eutrophication potential, freshwater
EP-marine	Eutrophication potential, saltwater
EP-terrestrial	Eutrophication potential, terrestrial
POCP	Photochemical ozone creation
ADPF	Potential for depletion of fossil abiotic resources
ADPE	Potential for depletion of non-fossil abiotic resources
Water Use	Water use
RESOURCES USE	
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 resources
SM	Use of secondary materials
RSF	Use of renewable secondary fuels
NRSF	Use of non renewable secondary fuels
FW	Use of freshwater
WASTE PRODUCTION AND OUTPUT FLOWS	
HWD	Hazardous waste disposed
NHWD	Non hazardous waste disposed
RWD	Radioactive waste disposed
CRU	Components for re-use
MFR	Materials for recycling
MER	Materials for energy recovery
EEE	Exported electrical energy
EET	Exported thermal energy
ADDITIONAL INDICATORS	
PM	Particulate matter emissions - Potential incidence of disease due to PM emissions
IRP	Ionising radiation, human health - Potential human exposure efficiency relative to U235
ETP-fw	Ecotoxicity freshwater - Potential comparative toxic unit for ecosystem
HTP-nc	Human toxicity non cancer effects - Potential comparative toxic unit for humans
HTP-c	Human toxicity cancer effects - Potential comparative toxicity unit for CTUh
SQP	Land use related impacts / soil quality - Potential soil quality index

Additional indicators

Biogenic carbon

Below the quantification of biogenic carbon contained in the product and packaging of the finished product.

PACKAGING	PRODUCT	BIOGENIC CARBON
-0,27	0,56	PG3AMP
-0,27	0,49	PG6AMP
-0,27	0,56	PG3AVP
-0,27	0,49	PG6AVP
-0,27	0,49	PG6AML
-0,31	0,56	PG3AML
-0,27	0,49	PG6AVL
-0,31	0,56	PG3AVL
-0,27	0,49	PG6AMV
-0,31	0,56	PG3AMV
-0,31	0,59	PG5AMV
-0,37	0,69	PG9AMV
-0,27	0,49	PG6AVV
-0,31	0,56	PG3AVV
-0,27	0,59	PG5AVV
-0,37	0,69	PG9AVV
-0,27	0,49	PG6AMG
-0,29	0,56	PG3AMG
-0,27	0,49	PG6AVG
-0,29	0,56	PG3AVG
-0,29	-21,08	PG6AMS
-0,29	-21,08	PG6AVS
-0,29	-21,02	PG3AMS
-0,29	-21,02	PG3AVS
-0,34	0,56	PG3AMM
-0,31	0,49	PG6AMM
-0,34	0,56	PG3AVM
-0,31	0,49	PG6AVM
-0,34	0,49	PG6AMH
-0,37	0,56	PG3AMH
-0,40	0,59	PG5AMH
-0,34	0,49	PG6AVH
-0,37	0,56	PG3AVH
-0,40	0,59	PG5AVH
-0,34	0,49	PG6A0H
-0,37	0,56	PG3A0H
-0,37	0,59	PG5A0H
-0,29	-3,54	PG6AMW
-0,27	-3,47	PG3AMW
-0,29	-3,54	PG6AVW
-0,27	-3,47	PG3AVW
-0,31	0,49	PG6A00
-0,29	0,56	PG3A00
-0,31	0,49	PG6AM0
-0,29	0,56	PG3AM0
-0,31	0,49	PG6AV0
-0,29	0,56	PG3AV0
-0,27	0,49	PG6AB0
-0,29	0,56	PG3AB0
-0,27	0,49	PG6AR0
-0,29	0,56	PG3AR0
-0,24	0,46	PG4AR0
-0,34	0,34	PG6AMH_K
-0,34	0,34	PG6AVH_K
-0,34	0,34	PG6A0H_K
-0,25	0,49	PG6A0RA

Table 3 - Biogenic carbon contained in finished product and in the packaging of finished product with calcium sulphate core(Kg CO2/sqm)

The results of the impact assessment are relative information and cannot predict future impacts on the final category value, possible limit exceedances, safety margins or risks.

Calculation method

The Life Cycle Assessment (LCA) methodology was adopted as the reference standard for this study; “LCA studies the environmental aspects and potential impacts (for example the use of resources and the environmental consequences of releases) throughout the whole product life cycle from raw materials acquisition through production and o the end-o-life traetment, recycling and final disposal (i.e. cradle-to- grave)” [ISO 14040:2006].

Functional Unit/Declared Unit

The declared unit is one square metre of raised floor panel. All data are allocated to the selected unit, which allows to take into account the different nature, thicknesses and densities of the product components analysed.

Cut off rules

Excluded from this study are:

- showrooms in Padua and Milan;
- travel and transport of company employees;
- steel tray printing (carried out by a subcontractor);
- the galvanised steel structures which support the floors (carried out by a subcontractor).

On the other hand, the following were considered within the 5% cut-off:

- talc used occasionally on the aluminium foil gluing line considering the small quantities;
- labels and scotch tape used for the packaging of the finished product;
- the packaging of raw materials;
- the transport by sea of the vinyl finishing from the Irish supplier.

Data quality

The data are site-specific related to UPSTREAM phases A1 and A2 and CORE phase A3 related to the definition of impacting components/aspects and their quantification; the relevant processes were selected from the Ecoinvent 3.7.1 database. For DOWNSTREAM phases C1, C2, C3, C4 and phase D, reference was made to literature data, in the absence of primary data. The site-specific data refer to the production year 2020.

Generic data were selected taking into account the period 2011 and 2020 and applying criteria of:

- geographical equivalence (Italian or European systems);
- technological equivalence (comparable technological systems);
- equivalence with respect to system boundaries (systems considering similar inputs, outputs and phases).

For the items that could not be modelled in a precisely the following proxy data were chosen from the Ecoinvent 3.7.1 database. Of the total:

- the grease used as auxiliary material (used for all products under study);
- the ceramic support of twin floor (used only for the twin floor panel).

Period under examination

The primary data collected in this study refers to the period from January to December of 2020.

Allocation

All of the phases were allocated on 2020 production, for which it was possible to calculate the impact of a declared unit equivalent to one square metter of product

Reference scenarios

The phases of raw material procurement (UPSTREAM), transport and in-house production (CORE) and disposal (DOWNSTREAM) were considered.

A1 Raw materials (UPSTREAM)

The products under consideration consist of several layers held together by vinyl glues (and hardeners), whose perimeter is covered with an ABS edge trim; starting with the top layer, the panel is composed of:

- finishing, if present (laminare, vinyl, linoleum, resin, rubber, carpet, parquet, cork, stoneware);
- calcium sulphate core (of various densities and thicknesses);
- bottom covering, if present (steel tray, aluminum foil).

A2 Raw materials transport (CORE)

In the phase CORE A2, inside and outside transport to the factory at via dell'Industria 19, 35028 Piove di Sacco (PD) Italy is included.

A3 Production (CORE)

The phase CORE A3 includes:

- the production process;
- emissions
- the use of auxiliary materials, such as grease and lubricating oil;
- waste management related to the production process.

C1 Demolition of material in the context of use (DOWNSTREAM)

The demolition phase of the construction site includes all demolition operations, including the dismantling of raised floor panels, their initial sorting on site and their demolition. Considering that these operations are carried out manually and without the use of special machinery, the impacts related to this phase are considered not relevant.

C2 Waste Management - Waste Transport (DOWNSTREAM)

The phase DOWNSTREAM C2 includes the transport of the decomposed material to the final treatment plants. Given the lack of primary data, a distance between the construction site and the above-mentioned plants of 20 km was assumed, based on the 2015 study by Paleari et al. proposing a plausible demolition scenario for an average demolition site.

C3 Waste Management - Recycling (DOWNSTREAM)

Only materials with an energy recovery efficiency rate of more than 60% are considered in phase C3. Despite the fact that the panels have steel and aluminium components, which would be recyclable, on-site disassembly of the panels under study is not considered plausible due to the complexity of the operation. Therefore, phase C3 was considered irrelevant.

C4 Waste Management - Disposal (DOWNSTREAM)

Due to the non-disassembly of the panels, only the disposal scenario (landfill) was considered for the entire panels.

D Benefits beyond the system boundaries - Potential Reuse, Recovery and Recycling

Concerning the benefit due to material reuse/recovery, considering that no material recovery is foreseen in phase C3, phase D is considered not relevant.

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