

Dette tillægsblad referer til miljøvaredeklaration MD-22034-DK, der er udført iht. EN15804+A2:2019. Resultater i tillægsbladet formidler LCA resultater i format efter EN15804+A1:2013 for at imødekomme overgangsperioden mellem de to standard revisioner. Tillægsbladet kan ikke stå alene, da reference EPD'en beskriver beregningsgrundlag for resultaterne heri.

**EP-B1**  
**EP-B1**

ENVIRONMENTAL EFFECTS PER PRODUCT									
Parameter	Enhed	A1-A3	A4	B1	C1	C2	C3	C4	D
GWP	[kg CO2-eq.]	2,39E+02	2,22E+01	-3,70E+00	1,43E+00	4,45E+00	1,01E+00	0,00E+00	-1,16E+01
ODP	[kg CFC11-eq.]	4,23E-11	5,95E-15	0,00E+00	3,85E-16	1,19E-15	2,71E-16	0,00E+00	-1,80E-14
AP	[kg SO2-eq.]	5,28E-01	1,77E-02	0,00E+00	5,11E-03	3,53E-03	3,60E-03	0,00E+00	-6,20E-02
EP	[kg PO43--eq.]	7,02E-02	3,47E-03	0,00E+00	1,21E-03	6,94E-04	8,50E-04	0,00E+00	-4,21E-03
POCP	[kg ethene-eq.]	5,37E-02	-2,23E-04	0,00E+00	4,96E-04	-4,46E-05	3,49E-04	0,00E+00	-3,99E-03
ADPE	[kg Sb-eq.]	9,37E-04	2,01E-06	0,00E+00	1,30E-07	4,01E-07	9,15E-08	0,00E+00	-3,61E-04
ADPF	[MJ]	1,66E+03	2,98E+02	0,00E+00	1,93E+01	5,96E+01	1,36E+01	0,00E+00	-1,43E+02
Caption	GWP = Global warming potential; ODP = Ozone depletion potential; AP = Acidification potential of soil and water; EP = Eutrophication potential; POCP = Photochemical ozone creation potential; ADPE = Abiotic depletion potential for non fossil resources; ADPF = Abiotic depletion potential for fossil resources								

**EP-B1**

RESSOURCE CONSUMPTION PER PRODUCT									
Parameter	Enhed	A1-A3	A4	B1	C1	C2	C3	C4	D
PERE	[MJ]	3,59E+02	1,73E+01	0,00E+00	1,12E+00	3,46E+00	7,90E-01	0,00E+00	-2,84E+01
PERM	[MJ]	9,99E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
PERT	[MJ]	3,69E+02	1,73E+01	0,00E+00	1,12E+00	3,46E+00	7,90E-01	0,00E+00	-2,84E+01
PENRE	[MJ]	1,87E+03	3,02E+02	0,00E+00	1,96E+01	6,04E+01	1,38E+01	0,00E+00	-1,48E+02
PENRM	[MJ]	1,21E+02	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
PENRT	[MJ]	1,99E+03	3,02E+02	0,00E+00	1,96E+01	6,04E+01	1,38E+01	0,00E+00	-1,48E+02
SM	[kg]	7,41E+01	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
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
FW	[m³]	7,37E-01	1,98E-02	0,00E+00	1,29E-03	3,97E-03	9,05E-04	0,00E+00	-1,91E-01
Caption	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 material; RSF = Use of renewable secondary fuels; NRSF = Use of non renewable secondary fuels; FW = Net use of fresh water								

**EP-B1**

WASTE CATEGORIES AND OUTPUT FLOWS PER PRODUCT									
Parameter	Enhed	A1-A3	A4	B1	C1	C2	C3	C4	D
HWD	[kg]	2,18E-04	1,59E-08	0,00E+00	1,03E-09	3,18E-09	7,26E-10	0,00E+00	-1,26E-03
NHWD	[kg]	2,21E+01	4,74E-02	0,00E+00	3,07E-03	9,48E-03	2,16E-03	0,00E+00	-1,28E+01
RWD	[kg]	1,04E-01	5,48E-04	0,00E+00	3,55E-05	1,10E-04	2,50E-05	0,00E+00	-1,54E-03
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
MFR	[kg]	4,07E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	3,42E+02	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
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
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
Caption	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								

**EP-B1, 0,5m**

**EP-B1,  
0,5m**

x

ENVIRONMENTAL EFFECTS PER PRODUCT									
Parameter	Enhed	A1-A3	A4	B1	C1	C2	C3	C4	D
GWP	[kg CO2-eq.]	6,45E+01	4,23E+00	-4,80E-01	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
ODP	[kg CFC11-eq.]	7,95E-13	1,13E-15	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
AP	[kg SO2-eq.]	1,23E-01	3,36E-03	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
EP	[kg PO43--eq.]	1,71E-02	6,60E-04	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
POCP	[kg ethene-eq.]	2,20E-02	-4,24E-05	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
ADPE	[kg Sb-eq.]	1,05E-05	3,82E-07	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
ADPF	[MJ]	6,32E+02	5,67E+01	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
Caption	GWP = Global warming potential; ODP = Ozone depletion potential; AP = Acidification potential of soil and water; EP = Eutrophication potential; POCP = Photochemical ozone creation potential; ADPE = Abiotic depletion potential for non fossil resources; ADPF = Abiotic depletion potential for fossil resources								

**EP-B1,  
0,5m**

RESSOURCE CONSUMPTION PER PRODUCT									
Parameter	Enhed	A1-A3	A4	B1	C1	C2	C3	C4	D
PERE	[MJ]	2,10E+02	3,29E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
PERM	[MJ]	8,13E-01	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
PERT	[MJ]	2,11E+02	3,29E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
PENRE	[MJ]	7,97E+02	5,74E+01	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
PENRM	[MJ]	1,46E+01	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
PENRT	[MJ]	8,12E+02	5,74E+01	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
SM	[kg]	8,61E+01	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
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
FW	[m³]	3,35E-01	3,77E-03	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
Caption	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 material; RSF = Use of renewable secondary fuels; NRSF = Use of non renewable secondary fuels; FW = Net use of fresh water								

**EP-B1,  
0,5m**

WASTE CATEGORIES AND OUTPUT FLOWS PER PRODUCT									
Parameter	Enhed	A1-A3	A4	B1	C1	C2	C3	C4	D
HWD	[kg]	2,78E-05	3,03E-09	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
NHWD	[kg]	3,07E+00	9,01E-03	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
RWD	[kg]	6,60E-02	1,04E-04	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
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
MFR	[kg]	1,16E+00	0,00E+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
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
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
Caption	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								

**EP-B10**  
**EP-B10**

ENVIRONMENTAL EFFECTS PER PRODUCT									
Parameter	Enhed	A1-A3	A4	B1	C1	C2	C3	C4	D
GWP	[kg CO2-eq.]	3,00E+02	2,35E+01	-4,40E+00	1,46E+00	4,53E+00	1,03E+00	0,00E+00	-2,07E+01
ODP	[kg CFC11-eq.]	2,19E-10	6,29E-15	0,00E+00	3,93E-16	1,21E-15	2,77E-16	0,00E+00	-2,59E-14
AP	[kg SO2-eq.]	7,20E-01	1,87E-02	0,00E+00	5,21E-03	3,60E-03	3,67E-03	0,00E+00	-1,11E-01
EP	[kg PO43--eq.]	8,50E-02	3,67E-03	0,00E+00	1,23E-03	7,07E-04	8,66E-04	0,00E+00	-7,19E-03
POCP	[kg ethene-eq.]	7,42E-02	-2,36E-04	0,00E+00	5,06E-04	-4,55E-05	3,56E-04	0,00E+00	-7,08E-03
ADPE	[kg Sb-eq.]	1,72E-03	2,12E-06	0,00E+00	1,33E-07	4,09E-07	9,33E-08	0,00E+00	-6,63E-04
ADPF	[MJ]	2,44E+03	3,15E+02	0,00E+00	1,97E+01	6,07E+01	1,39E+01	0,00E+00	-2,56E+02
Caption	GWP = Global warming potential; ODP = Ozone depletion potential; AP = Acidification potential of soil and water; EP = Eutrophication potential; POCP = Photochemical ozone creation potential; ADPE = Abiotic depletion potential for non fossil resources; ADPF = Abiotic depletion potential for fossil resources								

**EP-B10**

RESSOURCE CONSUMPTION PER PRODUCT									
Parameter	Enhed	A1-A3	A4	B1	C1	C2	C3	C4	D
PERE	[MJ]	5,66E+02	1,83E+01	0,00E+00	1,14E+00	3,53E+00	8,05E-01	0,00E+00	-5,01E+01
PERM	[MJ]	1,35E+01	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
PERT	[MJ]	5,80E+02	1,83E+01	0,00E+00	1,14E+00	3,53E+00	8,05E-01	0,00E+00	-5,01E+01
PENRE	[MJ]	2,75E+03	3,19E+02	0,00E+00	1,99E+01	6,16E+01	1,40E+01	0,00E+00	-2,63E+02
PENRM	[MJ]	1,76E+02	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
PENRT	[MJ]	2,92E+03	3,19E+02	0,00E+00	1,99E+01	6,16E+01	1,40E+01	0,00E+00	-2,63E+02
SM	[kg]	1,40E+02	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
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
FW	[m³]	1,17E+00	2,10E-02	0,00E+00	1,31E-03	4,04E-03	9,23E-04	0,00E+00	-3,49E-01
Caption	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 material; RSF = Use of renewable secondary fuels; NRSF = Use of non renewable secondary fuels; FW = Net use of fresh water								

**EP-B10**

WASTE CATEGORIES AND OUTPUT FLOWS PER PRODUCT									
Parameter	Enhed	A1-A3	A4	B1	C1	C2	C3	C4	D
HWD	[kg]	2,19E-04	1,68E-08	0,00E+00	1,05E-09	3,24E-09	7,40E-10	0,00E+00	-2,32E-03
NHWD	[kg]	2,52E+01	5,01E-02	0,00E+00	3,13E-03	9,66E-03	2,20E-03	0,00E+00	-1,27E+01
RWD	[kg]	1,59E-01	5,79E-04	0,00E+00	3,62E-05	1,12E-04	2,55E-05	0,00E+00	-2,29E-03
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
MFR	[kg]	4,65E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	3,49E+02	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
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
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
Caption	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								

**EP-B10, 0,5m**  
**EP-B10,**  
**0,5m**

x

ENVIRONMENTAL EFFECTS PER PRODUCT									
Parameter	Enhed	A1-A3	A4	B1	C1	C2	C3	C4	D
GWP	[kg CO2-eq.]	3,91E+01	3,99E+00	-5,60E-01	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
ODP	[kg CFC11-eq.]	2,17E-13	1,07E-15	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
AP	[kg SO2-eq.]	6,98E-02	3,17E-03	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
EP	[kg PO43--eq.]	1,15E-02	6,22E-04	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
POCP	[kg ethene-eq.]	8,70E-03	-4,00E-05	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
ADPE	[kg Sb-eq.]	2,89E-06	3,60E-07	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
ADPF	[MJ]	2,53E+02	5,34E+01	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
Caption	GWP = Global warming potential; ODP = Ozone depletion potential; AP = Acidification potential of soil and water; EP = Eutrophication potential; POCP = Photochemical ozone creation potential; ADPE = Abiotic depletion potential for non fossil resources; ADPF = Abiotic depletion potential for fossil resources								

**EP-B10,**  
**0,5m**

RESSOURCE CONSUMPTION PER PRODUCT									
Parameter	Enhed	A1-A3	A4	B1	C1	C2	C3	C4	D
PERE	[MJ]	5,79E+01	3,11E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
PERM	[MJ]	1,14E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
PERT	[MJ]	5,90E+01	3,11E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
PENRE	[MJ]	2,91E+02	5,42E+01	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
PENRM	[MJ]	2,04E+01	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
PENRT	[MJ]	3,11E+02	5,42E+01	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
SM	[kg]	1,52E+01	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
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
FW	[m³]	9,83E-02	3,56E-03	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
Caption	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 material; RSF = Use of renewable secondary fuels; NRSF = Use of non renewable secondary fuels; FW = Net use of fresh water								

**EP-B10,**  
**0,5m**

WASTE CATEGORIES AND OUTPUT FLOWS PER PRODUCT									
Parameter	Enhed	A1-A3	A4	B1	C1	C2	C3	C4	D
HWD	[kg]	3,87E-05	2,85E-09	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
NHWD	[kg]	3,41E+00	8,50E-03	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
RWD	[kg]	1,82E-02	9,83E-05	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
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
MFR	[kg]	7,37E-01	0,00E+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
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
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
Caption	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								

**EP-B11**

**EP-B11**

ENVIRONMENTAL EFFECTS PER PRODUCT									
Parameter	Enhed	A1-A3	A4	B1	C1	C2	C3	C4	D
GWP	[kg CO2-eq.]	3,26E+02	2,36E+01	-4,40E+00	1,49E+00	4,63E+00	1,05E+00	0,00E+00	-3,05E+01
ODP	[kg CFC11-eq.]	2,26E-10	6,32E-15	0,00E+00	4,01E-16	1,24E-15	2,82E-16	0,00E+00	-3,44E-14
AP	[kg SO2-eq.]	8,56E-01	1,88E-02	0,00E+00	5,31E-03	3,68E-03	3,74E-03	0,00E+00	-1,64E-01
EP	[kg PO43--eq.]	9,18E-02	3,69E-03	0,00E+00	1,26E-03	7,22E-04	8,84E-04	0,00E+00	-1,04E-02
POCP	[kg ethene-eq.]	8,15E-02	-2,37E-04	0,00E+00	5,16E-04	-4,64E-05	3,64E-04	0,00E+00	-1,04E-02
ADPE	[kg Sb-eq.]	2,54E-03	2,13E-06	0,00E+00	1,35E-07	4,18E-07	9,53E-08	0,00E+00	-9,84E-04
ADPF	[MJ]	2,74E+03	3,17E+02	0,00E+00	2,01E+01	6,20E+01	1,41E+01	0,00E+00	-3,76E+02
Caption	GWP = Global warming potential; ODP = Ozone depletion potential; AP = Acidification potential of soil and water; EP = Eutrophication potential; POCP = Photochemical ozone creation potential; ADPE = Abiotic depletion potential for non fossil resources; ADPF = Abiotic depletion potential for fossil resources								

**EP-B11**

RESSOURCE CONSUMPTION PER PRODUCT									
Parameter	Enhed	A1-A3	A4	B1	C1	C2	C3	C4	D
PERE	[MJ]	6,32E+02	1,84E+01	0,00E+00	1,17E+00	3,60E+00	8,22E-01	0,00E+00	-7,31E+01
PERM	[MJ]	1,35E+01	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
PERT	[MJ]	6,46E+02	1,84E+01	0,00E+00	1,17E+00	3,60E+00	8,22E-01	0,00E+00	-7,31E+01
PENRE	[MJ]	3,08E+03	3,21E+02	0,00E+00	2,04E+01	6,29E+01	1,43E+01	0,00E+00	-3,86E+02
PENRM	[MJ]	1,76E+02	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
PENRT	[MJ]	3,26E+03	3,21E+02	0,00E+00	2,04E+01	6,29E+01	1,43E+01	0,00E+00	-3,86E+02
SM	[kg]	1,45E+02	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
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
FW	[m³]	1,39E+00	2,11E-02	0,00E+00	1,34E-03	4,13E-03	9,42E-04	0,00E+00	-5,17E-01
Caption	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 material; RSF = Use of renewable secondary fuels; NRSF = Use of non renewable secondary fuels; FW = Net use of fresh water								

**EP-B11**

WASTE CATEGORIES AND OUTPUT FLOWS PER PRODUCT									
Parameter	Enhed	A1-A3	A4	B1	C1	C2	C3	C4	D
HWD	[kg]	2,19E-04	1,69E-08	0,00E+00	1,07E-09	3,31E-09	7,56E-10	0,00E+00	-3,45E-03
NHWD	[kg]	2,79E+01	5,04E-02	0,00E+00	3,20E-03	9,86E-03	2,25E-03	0,00E+00	-1,26E+01
RWD	[kg]	1,71E-01	5,83E-04	0,00E+00	3,69E-05	1,14E-04	2,60E-05	0,00E+00	-3,10E-03
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
MFR	[kg]	4,71E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	3,56E+02	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
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
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
Caption	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								

**EP-B11, 0,5m**  
**EP-B11,**  
**0,5m**

ENVIRONMENTAL EFFECTS PER PRODUCT									
Parameter	Enhed	A1-A3	A4	B1	C1	C2	C3	C4	D
GWP	[kg CO2-eq.]	4,02E+01	4,02E+00	-5,60E-01	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
ODP	[kg CFC11-eq.]	2,34E-13	1,08E-15	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
AP	[kg SO2-eq.]	7,19E-02	3,20E-03	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
EP	[kg PO43--eq.]	1,18E-02	6,28E-04	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
POCP	[kg ethene-eq.]	9,13E-03	-4,04E-05	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
ADPE	[kg Sb-eq.]	3,13E-06	3,63E-07	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
ADPF	[MJ]	2,68E+02	5,39E+01	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
Caption	GWP = Global warming potential; ODP = Ozone depletion potential; AP = Acidification potential of soil and water; EP = Eutrophication potential; POCP = Photochemical ozone creation potential; ADPE = Abiotic depletion potential for non fossil resources; ADPF = Abiotic depletion potential for fossil resources								

**EP-B11,**  
**0,5m**

RESSOURCE CONSUMPTION PER PRODUCT									
Parameter	Enhed	A1-A3	A4	B1	C1	C2	C3	C4	D
PERE	[MJ]	6,26E+01	3,13E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
PERM	[MJ]	1,14E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
PERT	[MJ]	6,37E+01	3,13E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
PENRE	[MJ]	3,09E+02	5,47E+01	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
PENRM	[MJ]	2,04E+01	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
PENRT	[MJ]	3,29E+02	5,47E+01	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
SM	[kg]	1,73E+01	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
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
FW	[m³]	1,06E-01	3,59E-03	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
Caption	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 material; RSF = Use of renewable secondary fuels; NRSF = Use of non renewable secondary fuels; FW = Net use of fresh water								

**EP-B11,**  
**0,5m**

WASTE CATEGORIES AND OUTPUT FLOWS PER PRODUCT									
Parameter	Enhed	A1-A3	A4	B1	C1	C2	C3	C4	D
HWD	[kg]	3,87E-05	2,88E-09	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
NHWD	[kg]	3,43E+00	8,58E-03	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
RWD	[kg]	1,96E-02	9,92E-05	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
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
MFR	[kg]	7,55E-01	0,00E+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
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
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
Caption	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								

**EP-B14**  
**EP-B14**

ENVIRONMENTAL EFFECTS PER PRODUCT									
Parameter	Enhed	A1-A3	A4	B1	C1	C2	C3	C4	D
GWP	[kg CO2-eq.]	3,85E+02	2,50E+01	-5,08E+00	1,55E+00	4,83E+00	1,09E+00	0,00E+00	-3,82E+01
ODP	[kg CFC11-eq.]	2,28E-10	6,68E-15	0,00E+00	4,19E-16	1,29E-15	2,95E-16	0,00E+00	-4,11E-14
AP	[kg SO2-eq.]	1,03E+00	1,98E-02	0,00E+00	5,55E-03	3,84E-03	3,91E-03	0,00E+00	-2,05E-01
EP	[kg PO43--eq.]	1,06E-01	3,90E-03	0,00E+00	1,31E-03	7,54E-04	9,23E-04	0,00E+00	-1,29E-02
POCP	[kg ethene-eq.]	1,01E-01	-2,51E-04	0,00E+00	5,39E-04	-4,85E-05	3,79E-04	0,00E+00	-1,30E-02
ADPE	[kg Sb-eq.]	3,20E-03	2,25E-06	0,00E+00	1,41E-07	4,36E-07	9,94E-08	0,00E+00	-1,24E-03
ADPF	[MJ]	3,48E+03	3,35E+02	0,00E+00	2,10E+01	6,47E+01	1,48E+01	0,00E+00	-4,70E+02
Caption	GWP = Global warming potential; ODP = Ozone depletion potential; AP = Acidification potential of soil and water; EP = Eutrophication potential; POCP = Photochemical ozone creation potential; ADPE = Abiotic depletion potential for non fossil resources; ADPF = Abiotic depletion potential for fossil resources								

**EP-B14**

RESSOURCE CONSUMPTION PER PRODUCT									
Parameter	Enhed	A1-A3	A4	B1	C1	C2	C3	C4	D
PERE	[MJ]	8,34E+02	1,95E+01	0,00E+00	1,22E+00	3,76E+00	8,58E-01	0,00E+00	-9,13E+01
PERM	[MJ]	1,73E+01	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
PERT	[MJ]	8,52E+02	1,95E+01	0,00E+00	1,22E+00	3,76E+00	8,58E-01	0,00E+00	-9,13E+01
PENRE	[MJ]	3,92E+03	3,39E+02	0,00E+00	2,13E+01	6,56E+01	1,50E+01	0,00E+00	-4,83E+02
PENRM	[MJ]	2,20E+02	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
PENRT	[MJ]	4,14E+03	3,39E+02	0,00E+00	2,13E+01	6,56E+01	1,50E+01	0,00E+00	-4,83E+02
SM	[kg]	2,16E+02	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
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
FW	[m³]	1,80E+00	2,23E-02	0,00E+00	1,40E-03	4,31E-03	9,83E-04	0,00E+00	-6,50E-01
Caption	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 material; RSF = Use of renewable secondary fuels; NRSF = Use of non renewable secondary fuels; FW = Net use of fresh water								

**EP-B14**

WASTE CATEGORIES AND OUTPUT FLOWS PER PRODUCT									
Parameter	Enhed	A1-A3	A4	B1	C1	C2	C3	C4	D
HWD	[kg]	2,19E-04	1,79E-08	0,00E+00	1,12E-09	3,46E-09	7,89E-10	0,00E+00	-4,34E-03
NHWD	[kg]	3,07E+01	5,32E-02	0,00E+00	3,34E-03	1,03E-02	2,35E-03	0,00E+00	-1,25E+01
RWD	[kg]	2,28E-01	6,15E-04	0,00E+00	3,86E-05	1,19E-04	2,72E-05	0,00E+00	-3,73E-03
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
MFR	[kg]	5,32E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	3,72E+02	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
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
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
Caption	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								

**EP-B14, 0,5m**  
**EP-B14,**  
**0,5m**

ENVIRONMENTAL EFFECTS PER PRODUCT									
Parameter	Enhed	A1-A3	A4	B1	C1	C2	C3	C4	D
GWP	[kg CO2-eq.]	5,29E+01	5,17E+00	-6,40E-01	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
ODP	[kg CFC11-eq.]	3,30E-13	1,38E-15	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
AP	[kg SO2-eq.]	9,48E-02	4,10E-03	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
EP	[kg PO43--eq.]	1,54E-02	8,07E-04	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
POCP	[kg ethene-eq.]	1,24E-02	-5,19E-05	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
ADPE	[kg Sb-eq.]	4,41E-06	4,66E-07	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
ADPF	[MJ]	3,63E+02	6,93E+01	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
Caption	GWP = Global warming potential; ODP = Ozone depletion potential; AP = Acidification potential of soil and water; EP = Eutrophication potential; POCP = Photochemical ozone creation potential; ADPE = Abiotic depletion potential for non fossil resources; ADPF = Abiotic depletion potential for fossil resources								

**EP-B14,**  
**0,5m**

RESSOURCE CONSUMPTION PER PRODUCT									
Parameter	Enhed	A1-A3	A4	B1	C1	C2	C3	C4	D
PERE	[MJ]	8,81E+01	4,03E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
PERM	[MJ]	1,44E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
PERT	[MJ]	8,95E+01	4,03E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
PENRE	[MJ]	4,22E+02	7,02E+01	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
PENRM	[MJ]	2,59E+01	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
PENRT	[MJ]	4,48E+02	7,02E+01	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
SM	[kg]	2,58E+01	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
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
FW	[m³]	1,48E-01	4,61E-03	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
Caption	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 material; RSF = Use of renewable secondary fuels; NRSF = Use of non renewable secondary fuels; FW = Net use of fresh water								

**EP-B14,**  
**0,5m**

WASTE CATEGORIES AND OUTPUT FLOWS PER PRODUCT									
Parameter	Enhed	A1-A3	A4	B1	C1	C2	C3	C4	D
HWD	[kg]	4,90E-05	3,70E-09	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
NHWD	[kg]	4,38E+00	1,10E-02	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
RWD	[kg]	2,76E-02	1,27E-04	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
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
MFR	[kg]	9,89E-01	0,00E+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
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
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
Caption	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								



**EP-F1**

**EP-F1**

ENVIRONMENTAL EFFECTS PER PRODUCT									
Parameter	Enhed	A1-A3	A4	B1	C1	C2	C3	C4	D
GWP	[kg CO2-eq.]	2,37E+02	2,25E+01	-3,79E+00	1,41E+00	4,39E+00	9,95E-01	0,00E+00	-7,24E+00
ODP	[kg CFC11-eq.]	5,28E-11	6,02E-15	0,00E+00	3,81E-16	1,18E-15	2,68E-16	0,00E+00	-1,42E-14
AP	[kg SO2-eq.]	4,83E-01	1,79E-02	0,00E+00	5,05E-03	3,49E-03	3,55E-03	0,00E+00	-3,87E-02
EP	[kg PO43--eq.]	6,92E-02	3,51E-03	0,00E+00	1,19E-03	6,86E-04	8,40E-04	0,00E+00	-2,80E-03
POCP	[kg ethene-eq.]	5,40E-02	-2,26E-04	0,00E+00	4,90E-04	-4,41E-05	3,45E-04	0,00E+00	-2,53E-03
ADPE	[kg Sb-eq.]	5,73E-04	2,03E-06	0,00E+00	1,28E-07	3,97E-07	9,05E-08	0,00E+00	-2,18E-04
ADPF	[MJ]	1,64E+03	3,01E+02	0,00E+00	1,91E+01	5,89E+01	1,34E+01	0,00E+00	-8,94E+01
Caption	GWP = Global warming potential; ODP = Ozone depletion potential; AP = Acidification potential of soil and water; EP = Eutrophication potential; POCP = Photochemical ozone creation potential; ADPE = Abiotic depletion potential for non fossil resources; ADPF = Abiotic depletion potential for fossil resources								

**EP-F1**

RESSOURCE CONSUMPTION PER PRODUCT									
Parameter	Enhed	A1-A3	A4	B1	C1	C2	C3	C4	D
PERE	[MJ]	3,64E+02	1,75E+01	0,00E+00	1,11E+00	3,42E+00	7,81E-01	0,00E+00	-1,81E+01
PERM	[MJ]	1,31E+01	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
PERT	[MJ]	3,77E+02	1,75E+01	0,00E+00	1,11E+00	3,42E+00	7,81E-01	0,00E+00	-1,81E+01
PENRE	[MJ]	1,86E+03	3,06E+02	0,00E+00	1,93E+01	5,97E+01	1,36E+01	0,00E+00	-9,30E+01
PENRM	[MJ]	1,29E+02	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
PENRT	[MJ]	1,99E+03	3,06E+02	0,00E+00	1,93E+01	5,97E+01	1,36E+01	0,00E+00	-9,30E+01
SM	[kg]	8,86E+01	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
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
FW	[m³]	7,00E-01	2,01E-02	0,00E+00	1,27E-03	3,92E-03	8,95E-04	0,00E+00	-1,17E-01
Caption	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 material; RSF = Use of renewable secondary fuels; NRSF = Use of non renewable secondary fuels; FW = Net use of fresh water								

**EP-F1**

WASTE CATEGORIES AND OUTPUT FLOWS PER PRODUCT									
Parameter	Enhed	A1-A3	A4	B1	C1	C2	C3	C4	D
HWD	[kg]	2,18E-04	1,61E-08	0,00E+00	1,02E-09	3,15E-09	7,18E-10	0,00E+00	-7,63E-04
NHWD	[kg]	2,10E+01	4,80E-02	0,00E+00	3,03E-03	9,37E-03	2,14E-03	0,00E+00	-1,28E+01
RWD	[kg]	1,10E-01	5,54E-04	0,00E+00	3,51E-05	1,08E-04	2,47E-05	0,00E+00	-1,19E-03
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
MFR	[kg]	4,18E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	3,38E+02	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
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
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
Caption	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								

**EP-F1, 0,5m**  
**EP-F1, 0,5m**

ENVIRONMENTAL EFFECTS PER PRODUCT									
Parameter	Enhed	A1-A3	A4	B1	C1	C2	C3	C4	D
GWP	[kg CO2-eq.]	3,67E+01	3,91E+00	-5,60E-01	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
ODP	[kg CFC11-eq.]	1,80E-13	1,05E-15	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
AP	[kg SO2-eq.]	6,54E-02	3,10E-03	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
EP	[kg PO43--eq.]	1,10E-02	6,10E-04	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
POCP	[kg ethene-eq.]	7,79E-03	-3,92E-05	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
ADPE	[kg Sb-eq.]	2,38E-06	3,53E-07	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
ADPF	[MJ]	2,24E+02	5,24E+01	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
Caption	GWP = Global warming potential; ODP = Ozone depletion potential; AP = Acidification potential of soil and water; EP = Eutrophication potential; POCP = Photochemical ozone creation potential; ADPE = Abiotic depletion potential for non fossil resources; ADPF = Abiotic depletion potential for fossil resources								

**EP-F1, 0,5m**

RESSOURCE CONSUMPTION PER PRODUCT									
Parameter	Enhed	A1-A3	A4	B1	C1	C2	C3	C4	D
PERE	[MJ]	4,80E+01	3,04E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
PERM	[MJ]	1,14E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
PERT	[MJ]	4,91E+01	3,04E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
PENRE	[MJ]	2,54E+02	5,31E+01	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
PENRM	[MJ]	2,04E+01	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
PENRT	[MJ]	2,74E+02	5,31E+01	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
SM	[kg]	1,09E+01	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
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
FW	[m³]	8,28E-02	3,49E-03	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
Caption	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 material; RSF = Use of renewable secondary fuels; NRSF = Use of non renewable secondary fuels; FW = Net use of fresh water								

**EP-F1, 0,5m**

WASTE CATEGORIES AND OUTPUT FLOWS PER PRODUCT									
Parameter	Enhed	A1-A3	A4	B1	C1	C2	C3	C4	D
HWD	[kg]	3,87E-05	2,80E-09	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
NHWD	[kg]	3,38E+00	8,33E-03	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
RWD	[kg]	1,51E-02	9,63E-05	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
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
MFR	[kg]	7,00E-01	0,00E+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
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
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
Caption	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								

**EP-F3**

**EP-F3**

ENVIRONMENTAL EFFECTS PER PRODUCT									
Parameter	Enhed	A1-A3	A4	B1	C1	C2	C3	C4	D
GWP	[kg CO2-eq.]	2,76E+02	2,38E+01	-3,79E+00	1,50E+00	4,65E+00	1,05E+00	0,00E+00	-7,24E+00
ODP	[kg CFC11-eq.]	5,34E-11	6,37E-15	0,00E+00	4,03E-16	1,24E-15	2,84E-16	0,00E+00	-1,42E-14
AP	[kg SO2-eq.]	5,57E-01	1,89E-02	0,00E+00	5,34E-03	3,69E-03	3,76E-03	0,00E+00	-3,87E-02
EP	[kg PO43--eq.]	7,84E-02	3,72E-03	0,00E+00	1,26E-03	7,26E-04	8,89E-04	0,00E+00	-2,80E-03
POCP	[kg ethene-eq.]	6,90E-02	-2,39E-04	0,00E+00	5,19E-04	-4,67E-05	3,65E-04	0,00E+00	-2,53E-03
ADPE	[kg Sb-eq.]	5,81E-04	2,15E-06	0,00E+00	1,36E-07	4,20E-07	9,57E-08	0,00E+00	-2,18E-04
ADPF	[MJ]	2,13E+03	3,19E+02	0,00E+00	2,02E+01	6,23E+01	1,42E+01	0,00E+00	-8,94E+01
Caption	GWP = Global warming potential; ODP = Ozone depletion potential; AP = Acidification potential of soil and water; EP = Eutrophication potential; POCP = Photochemical ozone creation potential; ADPE = Abiotic depletion potential for non fossil resources; ADPF = Abiotic depletion potential for fossil resources								

**EP-F3**

RESSOURCE CONSUMPTION PER PRODUCT									
Parameter	Enhed	A1-A3	A4	B1	C1	C2	C3	C4	D
PERE	[MJ]	5,28E+02	1,85E+01	0,00E+00	1,17E+00	3,62E+00	8,26E-01	0,00E+00	-1,81E+01
PERM	[MJ]	1,31E+01	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
PERT	[MJ]	5,42E+02	1,85E+01	0,00E+00	1,17E+00	3,62E+00	8,26E-01	0,00E+00	-1,81E+01
PENRE	[MJ]	2,49E+03	3,24E+02	0,00E+00	2,05E+01	6,32E+01	1,44E+01	0,00E+00	-9,30E+01
PENRM	[MJ]	1,29E+02	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
PENRT	[MJ]	2,62E+03	3,24E+02	0,00E+00	2,05E+01	6,32E+01	1,44E+01	0,00E+00	-9,30E+01
SM	[kg]	1,60E+02	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
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
FW	[m³]	9,57E-01	2,12E-02	0,00E+00	1,34E-03	4,15E-03	9,46E-04	0,00E+00	-1,17E-01
Caption	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 material; RSF = Use of renewable secondary fuels; NRSF = Use of non renewable secondary fuels; FW = Net use of fresh water								

**EP-F3**

WASTE CATEGORIES AND OUTPUT FLOWS PER PRODUCT									
Parameter	Enhed	A1-A3	A4	B1	C1	C2	C3	C4	D
HWD	[kg]	2,18E-04	1,70E-08	0,00E+00	1,08E-09	3,33E-09	7,59E-10	0,00E+00	-7,63E-04
NHWD	[kg]	2,17E+01	5,08E-02	0,00E+00	3,21E-03	9,91E-03	2,26E-03	0,00E+00	-1,28E+01
RWD	[kg]	1,61E-01	5,87E-04	0,00E+00	3,71E-05	1,15E-04	2,61E-05	0,00E+00	-1,19E-03
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
MFR	[kg]	4,79E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	3,58E+02	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
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
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
Caption	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								

**EP-F3, 0,5m**  
**EP-F3, 0,5m**

ENVIRONMENTAL EFFECTS PER PRODUCT									
Parameter	Enhed	A1-A3	A4	B1	C1	C2	C3	C4	D
GWP	[kg CO2-eq.]	4,31E+01	4,12E+00	-5,60E-01	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
ODP	[kg CFC11-eq.]	2,78E-13	1,10E-15	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
AP	[kg SO2-eq.]	7,71E-02	3,27E-03	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
EP	[kg PO43--eq.]	1,24E-02	6,43E-04	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
POCP	[kg ethene-eq.]	1,02E-02	-4,13E-05	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
ADPE	[kg Sb-eq.]	3,74E-06	3,72E-07	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
ADPF	[MJ]	3,03E+02	5,52E+01	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
Caption	GWP = Global warming potential; ODP = Ozone depletion potential; AP = Acidification potential of soil and water; EP = Eutrophication potential; POCP = Photochemical ozone creation potential; ADPE = Abiotic depletion potential for non fossil resources; ADPF = Abiotic depletion potential for fossil resources								

**EP-F3, 0,5m**

RESSOURCE CONSUMPTION PER PRODUCT									
Parameter	Enhed	A1-A3	A4	B1	C1	C2	C3	C4	D
PERE	[MJ]	7,44E+01	3,21E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
PERM	[MJ]	1,14E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
PERT	[MJ]	7,55E+01	3,21E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
PENRE	[MJ]	3,54E+02	5,60E+01	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
PENRM	[MJ]	2,04E+01	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
PENRT	[MJ]	3,75E+02	5,60E+01	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
SM	[kg]	2,24E+01	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
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
FW	[m³]	1,24E-01	3,67E-03	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
Caption	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 material; RSF = Use of renewable secondary fuels; NRSF = Use of non renewable secondary fuels; FW = Net use of fresh water								

**EP-F3, 0,5m**

WASTE CATEGORIES AND OUTPUT FLOWS PER PRODUCT									
Parameter	Enhed	A1-A3	A4	B1	C1	C2	C3	C4	D
HWD	[kg]	3,87E-05	2,95E-09	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
NHWD	[kg]	3,47E+00	8,78E-03	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
RWD	[kg]	2,32E-02	1,01E-04	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
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
MFR	[kg]	7,98E-01	0,00E+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
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
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
Caption	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								

**Ballast 500**
**Ballast 500**

ENVIRONMENTAL EFFECTS PER PRODUCT									
Parameter	Enhed	A1-A3	A4	B1	C1	C2	C3	C4	D
GWP	[kg CO2-eq.]	9,36E+01	1,01E+01	-4,49E+00	2,16E+00	6,73E+00	1,52E+00	0,00E+00	-3,40E+00
ODP	[kg CFC11-eq.]	3,63E-13	2,70E-15	0,00E+00	5,83E-16	1,80E-15	4,11E-16	0,00E+00	-1,59E-14
AP	[kg SO2-eq.]	1,88E-01	8,02E-03	0,00E+00	7,73E-03	5,35E-03	5,44E-03	0,00E+00	-1,81E-02
EP	[kg PO43--eq.]	2,84E-02	1,58E-03	0,00E+00	1,83E-03	1,05E-03	1,29E-03	0,00E+00	-1,83E-03
POCP	[kg ethene-eq.]	1,86E-02	-1,01E-04	0,00E+00	7,51E-04	-6,75E-05	5,29E-04	0,00E+00	-1,30E-03
ADPE	[kg Sb-eq.]	2,03E-04	9,11E-07	0,00E+00	1,97E-07	6,07E-07	1,39E-07	0,00E+00	-7,79E-05
ADPF	[MJ]	5,46E+02	1,35E+02	0,00E+00	2,92E+01	9,02E+01	2,06E+01	0,00E+00	-4,24E+01
Caption	GWP = Global warming potential; ODP = Ozone depletion potential; AP = Acidification potential of soil and water; EP = Eutrophication potential; POCP = Photochemical ozone creation potential; ADPE = Abiotic depletion potential for non fossil resources; ADPF = Abiotic depletion potential for fossil resources								

**Ballast 500**

RESSOURCE CONSUMPTION PER PRODUCT									
Parameter	Enhed	A1-A3	A4	B1	C1	C2	C3	C4	D
PERE	[MJ]	9,93E+01	7,87E+00	0,00E+00	1,70E+00	5,24E+00	1,20E+00	0,00E+00	-9,71E+00
PERM	[MJ]	4,91E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
PERT	[MJ]	1,04E+02	7,87E+00	0,00E+00	1,70E+00	5,24E+00	1,20E+00	0,00E+00	-9,71E+00
PENRE	[MJ]	5,96E+02	1,37E+02	0,00E+00	2,96E+01	9,14E+01	2,09E+01	0,00E+00	-4,58E+01
PENRM	[MJ]	5,64E+01	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
PENRT	[MJ]	6,52E+02	1,37E+02	0,00E+00	2,96E+01	9,14E+01	2,09E+01	0,00E+00	-4,58E+01
SM	[kg]	1,15E+01	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
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
FW	[m³]	2,06E-01	9,01E-03	0,00E+00	1,95E-03	6,00E-03	1,37E-03	0,00E+00	-4,51E-02
Caption	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 material; RSF = Use of renewable secondary fuels; NRSF = Use of non renewable secondary fuels; FW = Net use of fresh water								

**Ballast 500**

WASTE CATEGORIES AND OUTPUT FLOWS PER PRODUCT									
Parameter	Enhed	A1-A3	A4	B1	C1	C2	C3	C4	D
HWD	[kg]	1,03E-04	7,23E-09	0,00E+00	1,56E-09	4,82E-09	1,10E-09	0,00E+00	-2,72E-04
NHWD	[kg]	9,51E+00	2,15E-02	0,00E+00	4,65E-03	1,43E-02	3,27E-03	0,00E+00	-2,11E+01
RWD	[kg]	3,00E-02	2,49E-04	0,00E+00	5,37E-05	1,66E-04	3,78E-05	0,00E+00	-1,25E-03
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
MFR	[kg]	1,72E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	5,18E+02	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
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
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
Caption	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								

**Ballast 675**  
**Ballast 675**

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ENVIRONMENTAL EFFECTS PER PRODUCT									
Parameter	Enhed	A1-A3	A4	B1	C1	C2	C3	C4	D
GWP	[kg CO2-eq.]	1,24E+02	1,36E+01	-5,83E+00	2,92E+00	9,07E+00	2,05E+00	0,00E+00	-3,76E+00
ODP	[kg CFC11-eq.]	4,68E-13	3,64E-15	0,00E+00	7,86E-16	2,43E-15	5,53E-16	0,00E+00	-2,07E-14
AP	[kg SO2-eq.]	2,41E-01	1,08E-02	0,00E+00	1,04E-02	7,20E-03	7,33E-03	0,00E+00	-1,99E-02
EP	[kg PO43--eq.]	3,77E-02	2,12E-03	0,00E+00	2,46E-03	1,42E-03	1,73E-03	0,00E+00	-2,20E-03
POCP	[kg ethene-eq.]	2,44E-02	-1,37E-04	0,00E+00	1,01E-03	-9,10E-05	7,12E-04	0,00E+00	-1,48E-03
ADPE	[kg Sb-eq.]	2,04E-04	1,23E-06	0,00E+00	2,65E-07	8,18E-07	1,87E-07	0,00E+00	-7,80E-05
ADPF	[MJ]	7,05E+02	1,82E+02	0,00E+00	3,94E+01	1,22E+02	2,77E+01	0,00E+00	-4,70E+01
Caption	GWP = Global warming potential; ODP = Ozone depletion potential; AP = Acidification potential of soil and water; EP = Eutrophication potential; POCP = Photochemical ozone creation potential; ADPE = Abiotic depletion potential for non fossil resources; ADPF = Abiotic depletion potential for fossil resources								

**Ballast 675**

RESSOURCE CONSUMPTION PER PRODUCT									
Parameter	Enhed	A1-A3	A4	B1	C1	C2	C3	C4	D
PERE	[MJ]	1,27E+02	1,06E+01	0,00E+00	2,29E+00	7,06E+00	1,61E+00	0,00E+00	-1,12E+01
PERM	[MJ]	6,68E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
PERT	[MJ]	1,33E+02	1,06E+01	0,00E+00	2,29E+00	7,06E+00	1,61E+00	0,00E+00	-1,12E+01
PENRE	[MJ]	7,70E+02	1,85E+02	0,00E+00	3,99E+01	1,23E+02	2,81E+01	0,00E+00	-5,14E+01
PENRM	[MJ]	7,54E+01	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
PENRT	[MJ]	8,45E+02	1,85E+02	0,00E+00	3,99E+01	1,23E+02	2,81E+01	0,00E+00	-5,14E+01
SM	[kg]	1,43E+01	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
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
FW	[m³]	2,57E-01	1,21E-02	0,00E+00	2,62E-03	8,09E-03	1,85E-03	0,00E+00	-4,67E-02
Caption	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 material; RSF = Use of renewable secondary fuels; NRSF = Use of non renewable secondary fuels; FW = Net use of fresh water								

**Ballast 675**

WASTE CATEGORIES AND OUTPUT FLOWS PER PRODUCT									
Parameter	Enhed	A1-A3	A4	B1	C1	C2	C3	C4	D
HWD	[kg]	1,39E-04	9,74E-09	0,00E+00	2,10E-09	6,49E-09	1,48E-09	0,00E+00	-2,72E-04
NHWD	[kg]	1,26E+01	2,90E-02	0,00E+00	6,26E-03	1,93E-02	4,41E-03	0,00E+00	-2,84E+01
RWD	[kg]	3,89E-02	3,35E-04	0,00E+00	7,24E-05	2,23E-04	5,10E-05	0,00E+00	-1,61E-03
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
MFR	[kg]	2,31E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	6,98E+02	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
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
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
Caption	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								

## Ballast 1000

### Ballast 1000

ENVIRONMENTAL EFFECTS PER PRODUCT									
Parameter	Enhed	A1-A3	A4	B1	C1	C2	C3	C4	D
GWP	[kg CO2-eq.]	1,89E+02	2,12E+01	-8,36E+00	4,55E+00	1,41E+01	3,20E+00	0,00E+00	-4,55E+00
ODP	[kg CFC11-eq.]	6,90E-13	5,68E-15	0,00E+00	1,23E-15	3,78E-15	8,63E-16	0,00E+00	-3,12E-14
AP	[kg SO2-eq.]	3,57E-01	1,69E-02	0,00E+00	1,62E-02	1,12E-02	1,14E-02	0,00E+00	-2,40E-02
EP	[kg PO43--eq.]	5,77E-02	3,31E-03	0,00E+00	3,84E-03	2,21E-03	2,70E-03	0,00E+00	-3,01E-03
POCP	[kg ethene-eq.]	3,67E-02	-2,13E-04	0,00E+00	1,58E-03	-1,42E-04	1,11E-03	0,00E+00	-1,87E-03
ADPE	[kg Sb-eq.]	2,07E-04	1,91E-06	0,00E+00	4,13E-07	1,28E-06	2,91E-07	0,00E+00	-7,82E-05
ADPF	[MJ]	1,04E+03	2,84E+02	0,00E+00	6,14E+01	1,89E+02	4,32E+01	0,00E+00	-5,72E+01
Caption	GWP = Global warming potential; ODP = Ozone depletion potential; AP = Acidification potential of soil and water; EP = Eutrophication potential; POCP = Photochemical ozone creation potential; ADPE = Abiotic depletion potential for non fossil resources; ADPF = Abiotic depletion potential for fossil resources								

### Ballast 1000

RESSOURCE CONSUMPTION PER PRODUCT									
Parameter	Enhed	A1-A3	A4	B1	C1	C2	C3	C4	D
PERE	[MJ]	1,85E+02	1,65E+01	0,00E+00	3,57E+00	1,10E+01	2,51E+00	0,00E+00	-1,43E+01
PERM	[MJ]	9,82E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
PERT	[MJ]	1,95E+02	1,65E+01	0,00E+00	3,57E+00	1,10E+01	2,51E+00	0,00E+00	-1,43E+01
PENRE	[MJ]	1,14E+03	2,88E+02	0,00E+00	6,22E+01	1,92E+02	4,38E+01	0,00E+00	-6,36E+01
PENRM	[MJ]	1,11E+02	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
PENRT	[MJ]	1,25E+03	2,88E+02	0,00E+00	6,22E+01	1,92E+02	4,38E+01	0,00E+00	-6,36E+01
SM	[kg]	1,98E+01	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
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
FW	[m <sup>3</sup> ]	3,66E-01	1,89E-02	0,00E+00	4,09E-03	1,26E-02	2,88E-03	0,00E+00	-5,01E-02
Caption	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 material; RSF = Use of renewable secondary fuels; NRSF = Use of non renewable secondary fuels; FW = Net use of fresh water								

### Ballast 1000

WASTE CATEGORIES AND OUTPUT FLOWS PER PRODUCT									
Parameter	Enhed	A1-A3	A4	B1	C1	C2	C3	C4	D
HWD	[kg]	2,17E-04	1,52E-08	0,00E+00	3,28E-09	1,01E-08	2,31E-09	0,00E+00	-2,72E-04
NHWD	[kg]	1,93E+01	4,52E-02	0,00E+00	9,76E-03	3,01E-02	6,88E-03	0,00E+00	-4,45E+01
RWD	[kg]	5,78E-02	5,23E-04	0,00E+00	1,13E-04	3,48E-04	7,95E-05	0,00E+00	-2,41E-03
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
MFR	[kg]	3,59E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	1,09E+03	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
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
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
Caption	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								

Kontrolleret og godkendt af



Ninkie Bendtsen  
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Martha Katrine Sørensen  
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