This appendix refers to the EPD MD-25034-EN. Results in the appendix communicates LCA results in the format described in EN15804+A1:2013, in order to accommodate a need in the transition period between the two standard revisions. The appendix cannot stand alone, as the reference EPD describes the basis of the assessment.

RT556

ENVIRONMENTAL IMPACTS PER TONNES RT556										
Parameter	**Unit**	**A1-A3**	**A4**	**A5**	**B1-B7**	**C1**	**C2**	**C3**	**C4**	**D**
GWP	[kg CO_2 eq.]	2,06E+02	5,30E+00	8,35E+00	0,00E+00	0,00E+00	7,60E+00	3,47E+00	5,64E-02	-5,43E+00
OPD	[kg CFC 11 eq.]	3,13E-06	8,80E-08	1,26E-08	0,00E+00	0,00E+00	1,20E-07	4,22E-08	1,68E-09	-6,93E-08
AP	[kg SO_2 eq.]	1,30E+00	1,08E-02	2,88E-03	0,00E+00	0,00E+00	2,12E-02	2,92E-02	3,26E-04	-3,31E-02
EP	[kg SO_4^{3-} eq.]	2,83E-01	2,69E-03	6,67E-04	0,00E+00	0,00E+00	4,82E-03	5,24E-03	5,98E-05	-9,96E-03
POCP	[kg ethene-eq.]	3,69E-02	7,83E-04	1,22E-04	0,00E+00	0,00E+00	1,16E-03	6,12E-04	1,45E-05	-2,29E-03
ADPE	[kg Sb-eq.]	1,24E-03	1,48E-05	1,68E-06	0,00E+00	0,00E+00	2,43E-05	1,22E-06	7,12E-08	-5,70E-05
ADPF	[MJ]	1,65E+03	7,80E+01	1,06E+01	0,00E+00	0,00E+00	1,04E+02	4,54E+01	1,40E+00	-5,73E+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									
	The numbers are declared in scientific notation, e.g. 1,95E+02. This number can also be written as: 1,95*102 or 195, while 1,12E-11 is the same as 1,12*10-11 or 0,0000000000112.									

RESOURCE USE PER TONNES RT556										
Parameter	**Unit**	**A1-A3**	**A4**	**A5**	**B1-B7**	**C1**	**C2**	**C3**	**C4**	**D**
PERE	[MJ]	6,62E+02	1,26E+00	2,94E-01	0,00E+00	0,00E+00	1,81E+00	2,79E-01	2,91E-02	-4,60E+01
PERM	[MJ]	4,03E+01	0,00E+00	-4,03E+01	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
PERT	[MJ]	7,02E+02	1,26E+00	-4,00E+01	0,00E+00	0,00E+00	1,81E+00	2,79E-01	2,91E-02	-4,60E+01
PENRE	[MJ]	2,27E+03	7,96E+01	1,10E+01	0,00E+00	0,00E+00	1,07E+02	4,57E+01	1,42E+00	-6,57E+01
PENRM	[MJ]	3,84E+01	0,00E+00	-3,84E+01	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
PENRT	[MJ]	2,30E+03	7,96E+01	-2,73E+01	0,00E+00	0,00E+00	1,07E+02	4,57E+01	1,42E+00	-6,57E+01
SM	[kg]	3,09E+02	3,44E-02	4,84E-03	0,00E+00	0,00E+00	4,88E-02	1,90E-02	3,38E-04	-1,31E-01
RSF	[MJ]	1,26E+00	4,33E-04	6,47E-05	0,00E+00	0,00E+00	6,16E-04	4,96E-05	8,47E-06	-9,30E-04
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]	4,01E+00	1,19E-02	7,45E-03	0,00E+00	0,00E+00	1,46E-02	3,27E-03	1,62E-03	-3,88E-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									
	The numbers are declared in scientific notation, fx 1,95E+02. This number can also be written as: 1,95*102 or 195, while 1,12E-11 is the same as 1,12*10-11 or 0,0000000000112.									

WASTE CATEGORIES AND OUTPUT FLOWS PER TONNES RT556										
Parameter	**Unit**	**A1-A3**	**A4**	**A5**	**B1-B7**	**C1**	**C2**	**C3**	**C4**	**D**
HWD	[kg]	6,51E+00	1,16E-01	4,27E-02	0,00E+00	0,00E+00	1,53E-01	5,10E-02	1,08E-03	-5,19E-01
NHWD	[kg]	4,50E+02	2,32E+00	3,33E+01	0,00E+00	0,00E+00	3,24E+00	9,61E+02	9,73E+00	-1,07E+01
RWD	[kg]	9,58E-03	2,39E-05	5,69E-06	0,00E+00	0,00E+00	3,40E-05	5,01E-06	2,86E-07	-1,32E-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]	4,70E+01	6,04E-04	1,13E+00	0,00E+00	0,00E+00	8,00E-04	9,60E+02	5,37E-06	-6,96E-03
MER	[kg]	3,53E-01	3,48E-06	2,80E+00	0,00E+00	0,00E+00	6,75E-06	6,26E-07	2,12E-08	-8,41E-06
EE	[MJ]	6,08E+00	1,19E-02	1,33E+01	0,00E+00	0,00E+00	1,81E-02	2,06E-03	1,59E-04	-2,74E-01
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									
	The numbers are declared in scientific notation, fx 1,95E+02. This number can also be written as: 1,95*102 or 195, while 1,12E-11 is the same as 1,12*10-11 or 0,0000000000112.									

RT550

ENVIRONMENTAL IMPACTS PER TONNES RT550										
Parameter	**Unit**	**A1-A3**	**A4**	**A5**	**B1-B7**	**C1**	**C2**	**C3**	**C4**	**D**
GWP	[kg CO_2 eq.]	1,81E+02	5,27E+00	7,52E+00	0,00E+00	0,00E+00	7,60E+00	3,47E+00	5,64E-02	-5,36E+00
OPD	[kg CFC 11 eq.]	2,67E-06	8,76E-08	1,24E-08	0,00E+00	0,00E+00	1,20E-07	4,22E-08	1,68E-09	-6,75E-08
AP	[kg SO_2 eq.]	9,87E-01	1,08E-02	2,80E-03	0,00E+00	0,00E+00	2,12E-02	2,92E-02	3,26E-04	-3,27E-02
EP	[kg SO_4^{3-} eq.]	1,10E-01	2,67E-03	6,39E-04	0,00E+00	0,00E+00	4,82E-03	5,24E-03	5,98E-05	-9,80E-03
POCP	[kg ethene-eq.]	2,85E-02	7,80E-04	1,19E-04	0,00E+00	0,00E+00	1,16E-03	6,12E-04	1,45E-05	-2,27E-03
ADPE	[kg Sb-eq.]	6,35E-04	1,48E-05	1,64E-06	0,00E+00	0,00E+00	2,43E-05	1,22E-06	7,12E-08	-5,66E-05
ADPF	[MJ]	9,88E+02	7,76E+01	1,05E+01	0,00E+00	0,00E+00	1,04E+02	4,54E+01	1,40E+00	-5,66E+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									
	The numbers are declared in scientific notation, e.g. 1,95E+02. This number can also be written as: 1,95*102 or 195, while 1,12E-11 is the same as 1,12*10-11 or 0,0000000000112.									

RESOURCE USE PER TONNES RT550										
Parameter	**Unit**	**A1-A3**	**A4**	**A5**	**B1-B7**	**C1**	**C2**	**C3**	**C4**	**D**
PERE	[MJ]	9,41E+02	1,26E+00	2,73E-01	0,00E+00	0,00E+00	1,81E+00	2,79E-01	2,91E-02	-4,42E+01
PERM	[MJ]	3,33E+01	0,00E+00	-3,33E+01	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
PERT	[MJ]	9,75E+02	1,26E+00	-3,31E+01	0,00E+00	0,00E+00	1,81E+00	2,79E-01	2,91E-02	-4,42E+01
PENRE	[MJ]	1,00E+03	7,92E+01	1,08E+01	0,00E+00	0,00E+00	1,07E+02	4,57E+01	1,42E+00	-6,47E+01
PENRM	[MJ]	3,84E+01	0,00E+00	-3,84E+01	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
PENRT	[MJ]	1,04E+03	7,92E+01	-2,76E+01	0,00E+00	0,00E+00	1,07E+02	4,57E+01	1,42E+00	-6,47E+01
SM	[kg]	2,32E+02	3,42E-02	4,66E-03	0,00E+00	0,00E+00	4,88E-02	1,90E-02	3,38E-04	-1,31E-01
RSF	[MJ]	1,64E+02	4,32E-04	6,37E-05	0,00E+00	0,00E+00	6,16E-04	4,96E-05	8,47E-06	-9,27E-04
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]	9,12E-01	1,19E-02	7,31E-03	0,00E+00	0,00E+00	1,46E-02	3,27E-03	1,62E-03	-3,85E-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									
	The numbers are declared in scientific notation, fx 1,95E+02. This number can also be written as: 1,95*102 or 195, while 1,12E-11 is the same as 1,12*10-11 or 0,0000000000112.									

WASTE CATEGORIES AND OUTPUT FLOWS PER TONNES RT550										
Parameter	**Unit**	**A1-A3**	**A4**	**A5**	**B1-B7**	**C1**	**C2**	**C3**	**C4**	**D**
HWD	[kg]	3,33E+00	1,15E-01	4,10E-02	0,00E+00	0,00E+00	1,53E-01	5,10E-02	1,08E-03	-5,13E-01
NHWD	[kg]	1,33E+02	2,31E+00	3,30E+01	0,00E+00	0,00E+00	3,24E+00	9,61E+02	9,73E+00	-1,05E+01
RWD	[kg]	7,82E-04	2,38E-05	5,09E-06	0,00E+00	0,00E+00	3,40E-05	5,01E-06	2,86E-07	-1,28E-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]	4,71E+01	6,01E-04	9,03E-01	0,00E+00	0,00E+00	8,00E-04	9,60E+02	5,37E-06	-6,78E-03
MER	[kg]	3,53E-01	3,46E-06	2,52E+00	0,00E+00	0,00E+00	6,75E-06	6,26E-07	2,12E-08	-8,38E-06
EE	[MJ]	4,70E-01	1,19E-02	1,25E+01	0,00E+00	0,00E+00	1,81E-02	2,06E-03	1,59E-04	-2,65E-01
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									
	The numbers are declared in scientific notation, fx 1,95E+02. This number can also be written as: 1,95*102 or 195, while 1,12E-11 is the same as 1,12*10-11 or 0,0000000000112.									

RT547

ENVIRONMENTAL IMPACTS PER TONNES RT547										
Parameter	**Unit**	**A1-A3**	**A4**	**A5**	**B1-B7**	**C1**	**C2**	**C3**	**C4**	**D**
GWP	[kg CO_2 eq.]	1,36E+02	5,27E+00	7,46E+00	0,00E+00	0,00E+00	7,60E+00	3,47E+00	5,64E-02	-5,35E+00
OPD	[kg CFC 11 eq.]	1,81E-06	8,76E-08	1,23E-08	0,00E+00	0,00E+00	1,20E-07	4,22E-08	1,68E-09	-6,73E-08
AP	[kg SO_2 eq.]	9,10E-01	1,08E-02	2,79E-03	0,00E+00	0,00E+00	2,12E-02	2,92E-02	3,26E-04	-3,27E-02
EP	[kg SO_4^{3-} eq.]	9,09E-02	2,67E-03	6,37E-04	0,00E+00	0,00E+00	4,82E-03	5,24E-03	5,98E-05	-9,79E-03
POCP	[kg ethene-eq.]	2,10E-02	7,79E-04	1,19E-04	0,00E+00	0,00E+00	1,16E-03	6,12E-04	1,45E-05	-2,27E-03
ADPE	[kg Sb-eq.]	3,61E-04	1,48E-05	1,63E-06	0,00E+00	0,00E+00	2,43E-05	1,22E-06	7,12E-08	-5,66E-05
ADPF	[MJ]	6,97E+02	7,76E+01	1,04E+01	0,00E+00	0,00E+00	1,04E+02	4,54E+01	1,40E+00	-5,65E+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									
	The numbers are declared in scientific notation, e.g. 1,95E+02. This number can also be written as: 1,95*102 or 195, while 1,12E-11 is the same as 1,12*10-11 or 0,0000000000112.									

RESOURCE USE PER TONNES RT547										
Parameter	**Unit**	**A1-A3**	**A4**	**A5**	**B1-B7**	**C1**	**C2**	**C3**	**C4**	**D**
PERE	[MJ]	3,47E+02	1,26E+00	2,71E-01	0,00E+00	0,00E+00	1,81E+00	2,79E-01	2,91E-02	-4,41E+01
PERM	[MJ]	3,29E+01	0,00E+00	-3,29E+01	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
PERT	[MJ]	3,80E+02	1,26E+00	-3,26E+01	0,00E+00	0,00E+00	1,81E+00	2,79E-01	2,91E-02	-4,41E+01
PENRE	[MJ]	7,08E+02	7,92E+01	1,08E+01	0,00E+00	0,00E+00	1,07E+02	4,57E+01	1,42E+00	-6,47E+01
PENRM	[MJ]	3,84E+01	0,00E+00	-3,84E+01	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
PENRT	[MJ]	7,47E+02	7,92E+01	-2,76E+01	0,00E+00	0,00E+00	1,07E+02	4,57E+01	1,42E+00	-6,47E+01
SM	[kg]	2,28E+02	3,42E-02	4,65E-03	0,00E+00	0,00E+00	4,88E-02	1,90E-02	3,38E-04	-1,31E-01
RSF	[MJ]	1,61E+02	4,31E-04	6,36E-05	0,00E+00	0,00E+00	6,16E-04	4,96E-05	8,47E-06	-9,27E-04
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]	8,50E-01	1,19E-02	7,30E-03	0,00E+00	0,00E+00	1,46E-02	3,27E-03	1,62E-03	-3,85E-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									
	The numbers are declared in scientific notation, fx 1,95E+02. This number can also be written as: 1,95*102 or 195, while 1,12E-11 is the same as 1,12*10-11 or 0,0000000000112.									

WASTE CATEGORIES AND OUTPUT FLOWS PER TONNES RT547										
Parameter	**Unit**	**A1-A3**	**A4**	**A5**	**B1-B7**	**C1**	**C2**	**C3**	**C4**	**D**
HWD	[kg]	2,17E+00	1,15E-01	4,08E-02	0,00E+00	0,00E+00	1,53E-01	5,10E-02	1,08E-03	-5,13E-01
NHWD	[kg]	1,16E+02	2,31E+00	3,29E+01	0,00E+00	0,00E+00	3,24E+00	9,61E+02	9,73E+00	-1,05E+01
RWD	[kg]	7,38E-04	2,38E-05	5,05E-06	0,00E+00	0,00E+00	3,40E-05	5,01E-06	2,86E-07	-1,28E-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]	4,69E+01	6,01E-04	8,87E-01	0,00E+00	0,00E+00	8,00E-04	9,60E+02	5,37E-06	-6,76E-03
MER	[kg]	3,53E-01	3,46E-06	2,50E+00	0,00E+00	0,00E+00	6,75E-06	6,26E-07	2,12E-08	-8,38E-06
EE	[MJ]	4,54E-01	1,19E-02	1,24E+01	0,00E+00	0,00E+00	1,81E-02	2,06E-03	1,59E-04	-2,64E-01
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									
	The numbers are declared in scientific notation, fx 1,95E+02. This number can also be written as: 1,95*102 or 195, while 1,12E-11 is the same as 1,12*10-11 or 0,0000000000112.									

RT545

ENVIRONMENTAL IMPACTS PER TONNES RT545										
Parameter	**Unit**	**A1-A3**	**A4**	**A5**	**B1-B7**	**C1**	**C2**	**C3**	**C4**	**D**
GWP	[kg CO_2 eq.]	1,37E+02	5,29E+00	8,16E+00	0,00E+00	0,00E+00	7,60E+00	3,47E+00	5,64E-02	-5,41E+00
OPD	[kg CFC 11 eq.]	1,82E-06	8,79E-08	1,25E-08	0,00E+00	0,00E+00	1,20E-07	4,22E-08	1,68E-09	-6,89E-08
AP	[kg SO_2 eq.]	9,14E-01	1,08E-02	2,86E-03	0,00E+00	0,00E+00	2,12E-02	2,92E-02	3,26E-04	-3,30E-02
EP	[kg SO_4^{3-} eq.]	9,26E-02	2,68E-03	6,61E-04	0,00E+00	0,00E+00	4,82E-03	5,24E-03	5,98E-05	-9,92E-03
POCP	[kg ethene-eq.]	2,12E-02	7,82E-04	1,21E-04	0,00E+00	0,00E+00	1,16E-03	6,12E-04	1,45E-05	-2,28E-03
ADPE	[kg Sb-eq.]	3,70E-04	1,48E-05	1,67E-06	0,00E+00	0,00E+00	2,43E-05	1,22E-06	7,12E-08	-5,69E-05
ADPF	[MJ]	7,13E+02	7,79E+01	1,06E+01	0,00E+00	0,00E+00	1,04E+02	4,54E+01	1,40E+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									
	The numbers are declared in scientific notation, e.g. 1,95E+02. This number can also be written as: 1,95*102 or 195, while 1,12E-11 is the same as 1,12*10-11 or 0,0000000000112.									

RESOURCE USE PER TONNES RT545										
Parameter	**Unit**	**A1-A3**	**A4**	**A5**	**B1-B7**	**C1**	**C2**	**C3**	**C4**	**D**
PERE	[MJ]	3,53E+02	1,26E+00	2,89E-01	0,00E+00	0,00E+00	1,81E+00	2,79E-01	2,91E-02	-4,56E+01
PERM	[MJ]	3,87E+01	0,00E+00	-3,87E+01	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
PERT	[MJ]	3,92E+02	1,26E+00	-3,84E+01	0,00E+00	0,00E+00	1,81E+00	2,79E-01	2,91E-02	-4,56E+01
PENRE	[MJ]	7,30E+02	7,95E+01	1,10E+01	0,00E+00	0,00E+00	1,07E+02	4,57E+01	1,42E+00	-6,55E+01
PENRM	[MJ]	3,84E+01	0,00E+00	-3,84E+01	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
PENRT	[MJ]	7,68E+02	7,95E+01	-2,74E+01	0,00E+00	0,00E+00	1,07E+02	4,57E+01	1,42E+00	-6,55E+01
SM	[kg]	2,28E+02	3,44E-02	4,80E-03	0,00E+00	0,00E+00	4,88E-02	1,90E-02	3,38E-04	-1,31E-01
RSF	[MJ]	1,62E+02	4,33E-04	6,45E-05	0,00E+00	0,00E+00	6,16E-04	4,96E-05	8,47E-06	-9,29E-04
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]	8,79E-01	1,19E-02	7,42E-03	0,00E+00	0,00E+00	1,46E-02	3,27E-03	1,62E-03	-3,87E-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									
	The numbers are declared in scientific notation, fx 1,95E+02. This number can also be written as: 1,95*102 or 195, while 1,12E-11 is the same as 1,12*10-11 or 0,0000000000112.									

WASTE CATEGORIES AND OUTPUT FLOWS PER TONNES RT545										
Parameter	**Unit**	**A1-A3**	**A4**	**A5**	**B1-B7**	**C1**	**C2**	**C3**	**C4**	**D**
HWD	[kg]	2,22E+00	1,15E-01	4,23E-02	0,00E+00	0,00E+00	1,53E-01	5,10E-02	1,08E-03	-5,18E-01
NHWD	[kg]	1,18E+02	2,31E+00	3,32E+01	0,00E+00	0,00E+00	3,24E+00	9,61E+02	9,73E+00	-1,06E+01
RWD	[kg]	8,07E-04	2,39E-05	5,56E-06	0,00E+00	0,00E+00	3,40E-05	5,01E-06	2,86E-07	-1,31E-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]	4,69E+01	6,03E-04	1,08E+00	0,00E+00	0,00E+00	8,00E-04	9,60E+02	5,37E-06	-6,92E-03
MER	[kg]	3,53E-01	3,48E-06	2,73E+00	0,00E+00	0,00E+00	6,75E-06	6,26E-07	2,12E-08	-8,40E-06
EE	[MJ]	4,98E-01	1,19E-02	1,31E+01	0,00E+00	0,00E+00	1,81E-02	2,06E-03	1,59E-04	-2,72E-01
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									
	The numbers are declared in scientific notation, fx 1,95E+02. This number can also be written as: 1,95*102 or 195, while 1,12E-11 is the same as 1,12*10-11 or 0,0000000000112.									

RT532

ENVIRONMENTAL IMPACTS PER TONNES RT532										
Parameter	**Unit**	**A1-A3**	**A4**	**A5**	**B1-B7**	**C1**	**C2**	**C3**	**C4**	**D**
GWP	[kg CO_2 eq.]	1,36E+02	5,29E+00	8,16E+00	0,00E+00	0,00E+00	7,60E+00	3,47E+00	5,64E-02	-5,41E+00
OPD	[kg CFC 11 eq.]	1,80E-06	8,79E-08	1,25E-08	0,00E+00	0,00E+00	1,20E-07	4,22E-08	1,68E-09	-6,89E-08
AP	[kg SO_2 eq.]	9,08E-01	1,08E-02	2,86E-03	0,00E+00	0,00E+00	2,12E-02	2,92E-02	3,26E-04	-3,30E-02
EP	[kg SO_4^{3-} eq.]	9,06E-02	2,68E-03	6,61E-04	0,00E+00	0,00E+00	4,82E-03	5,24E-03	5,98E-05	-9,92E-03
POCP	[kg ethene-eq.]	2,10E-02	7,82E-04	1,21E-04	0,00E+00	0,00E+00	1,16E-03	6,12E-04	1,45E-05	-2,28E-03
ADPE	[kg Sb-eq.]	3,58E-04	1,48E-05	1,67E-06	0,00E+00	0,00E+00	2,43E-05	1,22E-06	7,12E-08	-5,69E-05
ADPF	[MJ]	6,96E+02	7,79E+01	1,06E+01	0,00E+00	0,00E+00	1,04E+02	4,54E+01	1,40E+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									
	The numbers are declared in scientific notation, e.g. 1,95E+02. This number can also be written as: 1,95*102 or 195, while 1,12E-11 is the same as 1,12*10-11 or 0,0000000000112.									

RESOURCE USE PER TONNES RT532										
Parameter	**Unit**	**A1-A3**	**A4**	**A5**	**B1-B7**	**C1**	**C2**	**C3**	**C4**	**D**
PERE	[MJ]	3,51E+02	1,26E+00	2,89E-01	0,00E+00	0,00E+00	1,81E+00	2,79E-01	2,91E-02	-4,56E+01
PERM	[MJ]	3,87E+01	0,00E+00	-3,87E+01	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
PERT	[MJ]	3,90E+02	1,26E+00	-3,84E+01	0,00E+00	0,00E+00	1,81E+00	2,79E-01	2,91E-02	-4,56E+01
PENRE	[MJ]	7,09E+02	7,95E+01	1,10E+01	0,00E+00	0,00E+00	1,07E+02	4,57E+01	1,42E+00	-6,55E+01
PENRM	[MJ]	3,84E+01	0,00E+00	-3,84E+01	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
PENRT	[MJ]	7,47E+02	7,95E+01	-2,74E+01	0,00E+00	0,00E+00	1,07E+02	4,57E+01	1,42E+00	-6,55E+01
SM	[kg]	2,28E+02	3,44E-02	4,80E-03	0,00E+00	0,00E+00	4,88E-02	1,90E-02	3,38E-04	-1,31E-01
RSF	[MJ]	1,62E+02	4,33E-04	6,45E-05	0,00E+00	0,00E+00	6,16E-04	4,96E-05	8,47E-06	-9,29E-04
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]	8,60E-01	1,19E-02	7,42E-03	0,00E+00	0,00E+00	1,46E-02	3,27E-03	1,62E-03	-3,87E-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									
	The numbers are declared in scientific notation, fx 1,95E+02. This number can also be written as: 1,95*102 or 195, while 1,12E-11 is the same as 1,12*10-11 or 0,0000000000112.									

WASTE CATEGORIES AND OUTPUT FLOWS PER TONNES RT532										
Parameter	**Unit**	**A1-A3**	**A4**	**A5**	**B1-B7**	**C1**	**C2**	**C3**	**C4**	**D**
HWD	[kg]	2,13E+00	1,15E-01	4,23E-02	0,00E+00	0,00E+00	1,53E-01	5,10E-02	1,08E-03	-5,18E-01
NHWD	[kg]	1,16E+02	2,31E+00	3,32E+01	0,00E+00	0,00E+00	3,24E+00	9,61E+02	9,73E+00	-1,06E+01
RWD	[kg]	7,54E-04	2,39E-05	5,56E-06	0,00E+00	0,00E+00	3,40E-05	5,01E-06	2,86E-07	-1,31E-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]	4,69E+01	6,03E-04	1,08E+00	0,00E+00	0,00E+00	8,00E-04	9,60E+02	5,37E-06	-6,92E-03
MER	[kg]	3,53E-01	3,48E-06	2,73E+00	0,00E+00	0,00E+00	6,75E-06	6,26E-07	2,12E-08	-8,40E-06
EE	[MJ]	4,67E-01	1,19E-02	1,31E+01	0,00E+00	0,00E+00	1,81E-02	2,06E-03	1,59E-04	-2,72E-01
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									
	The numbers are declared in scientific notation, fx 1,95E+02. This number can also be written as: 1,95*102 or 195, while 1,12E-11 is the same as 1,12*10-11 or 0,0000000000112.									

RT522

ENVIRONMENTAL IMPACTS PER TONNES RT522										
Parameter	**Unit**	**A1-A3**	**A4**	**A5**	**B1-B7**	**C1**	**C2**	**C3**	**C4**	**D**
GWP	[kg CO_2 eq.]	2,15E+02	5,28E+00	7,77E+00	0,00E+00	0,00E+00	7,60E+00	3,47E+00	5,64E-02	-5,38E+00
OPD	[kg CFC 11 eq.]	3,14E-06	8,78E-08	1,24E-08	0,00E+00	0,00E+00	1,20E-07	4,22E-08	1,68E-09	-6,80E-08
AP	[kg SO_2 eq.]	1,31E+00	1,08E-02	2,82E-03	0,00E+00	0,00E+00	2,12E-02	2,92E-02	3,26E-04	-3,28E-02
EP	[kg SO_4^{3-} eq.]	2,84E-01	2,68E-03	6,47E-04	0,00E+00	0,00E+00	4,82E-03	5,24E-03	5,98E-05	-9,85E-03
POCP	[kg ethene-eq.]	3,71E-02	7,81E-04	1,20E-04	0,00E+00	0,00E+00	1,16E-03	6,12E-04	1,45E-05	-2,28E-03
ADPE	[kg Sb-eq.]	1,25E-03	1,48E-05	1,65E-06	0,00E+00	0,00E+00	2,43E-05	1,22E-06	7,12E-08	-5,67E-05
ADPF	[MJ]	1,67E+03	7,77E+01	1,05E+01	0,00E+00	0,00E+00	1,04E+02	4,54E+01	1,40E+00	-5,68E+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									
	The numbers are declared in scientific notation, e.g. 1,95E+02. This number can also be written as: 1,95*102 or 195, while 1,12E-11 is the same as 1,12*10-11 or 0,0000000000112.									

RESOURCE USE PER TONNES RT522										
Parameter	**Unit**	**A1-A3**	**A4**	**A5**	**B1-B7**	**C1**	**C2**	**C3**	**C4**	**D**
PERE	[MJ]	6,57E+02	1,26E+00	2,79E-01	0,00E+00	0,00E+00	1,81E+00	2,79E-01	2,91E-02	-4,47E+01
PERM	[MJ]	3,55E+01	0,00E+00	-3,55E+01	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
PERT	[MJ]	6,92E+02	1,26E+00	-3,52E+01	0,00E+00	0,00E+00	1,81E+00	2,79E-01	2,91E-02	-4,47E+01
PENRE	[MJ]	2,28E+03	7,93E+01	1,09E+01	0,00E+00	0,00E+00	1,07E+02	4,57E+01	1,42E+00	-6,51E+01
PENRM	[MJ]	3,84E+01	0,00E+00	-3,84E+01	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
PENRT	[MJ]	2,32E+03	7,93E+01	-2,75E+01	0,00E+00	0,00E+00	1,07E+02	4,57E+01	1,42E+00	-6,51E+01
SM	[kg]	1,91E+02	3,43E-02	4,72E-03	0,00E+00	0,00E+00	4,88E-02	1,90E-02	3,38E-04	-1,31E-01
RSF	[MJ]	1,10E+00	4,32E-04	6,40E-05	0,00E+00	0,00E+00	6,16E-04	4,96E-05	8,47E-06	-9,28E-04
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]	3,92E+00	1,19E-02	7,35E-03	0,00E+00	0,00E+00	1,46E-02	3,27E-03	1,62E-03	-3,86E-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									
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WASTE CATEGORIES AND OUTPUT FLOWS PER TONNES RT522										
Parameter	**Unit**	**A1-A3**	**A4**	**A5**	**B1-B7**	**C1**	**C2**	**C3**	**C4**	**D**
HWD	[kg]	6,55E+00	1,15E-01	4,15E-02	0,00E+00	0,00E+00	1,53E-01	5,10E-02	1,08E-03	-5,15E-01
NHWD	[kg]	4,49E+02	2,31E+00	3,31E+01	0,00E+00	0,00E+00	3,24E+00	9,61E+02	9,73E+00	-1,05E+01
RWD	[kg]	9,54E-03	2,38E-05	5,28E-06	0,00E+00	0,00E+00	3,40E-05	5,01E-06	2,86E-07	-1,29E-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]	4,70E+01	6,02E-04	9,74E-01	0,00E+00	0,00E+00	8,00E-04	9,60E+02	5,37E-06	-6,83E-03
MER	[kg]	3,53E-01	3,47E-06	2,60E+00	0,00E+00	0,00E+00	6,75E-06	6,26E-07	2,12E-08	-8,39E-06
EE	[MJ]	6,05E+00	1,19E-02	1,27E+01	0,00E+00	0,00E+00	1,81E-02	2,06E-03	1,59E-04	-2,68E-01
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									
	The numbers are declared in scientific notation, fx 1,95E+02. This number can also be written as: 1,95*102 or 195, while 1,12E-11 is the same as 1,12*10-11 or 0,0000000000112.									

Checked and approved by

Mirko Miseljic, LCA Specialists

Third party verifier of MD-25034-EN

Martha Katrine Sørensen

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