

This appendix refers to the EPD MD-23078-EN_rev1, developed according to EN15804+A2:2019. 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.

ENVIRONMENTAL IMPACTS PER AM150														
Parameter	Unit	A1-A3	A4	A5	B1	B2	B3-B5	B6	B7	C1	C2	C3	C4	D
GWP	[kg CO ₂ -eq.]	2.30E+02	4.78E+00	8.37E-01	0.00E+00	1.39E+00	0.00E+00	3.53E+01	0.00E+00	0.00E+00	7.79E-01	2.43E+01	5.96E-01	-3.21E+01
ODP	[kg CFC11 ₁ -eq.]	5.15E-06	7.41E-13	2.41E-13	0.00E+00	1.65E-09	0.00E+00	7.66E-10	0.00E+00	0.00E+00	1.21E-13	5.16E-12	1.21E-12	-2.86E-10
AP	[kg SO ₂ -eq.]	8.24E-01	1.79E-02	5.01E-04	0.00E+00	1.95E-03	0.00E+00	6.03E-02	0.00E+00	0.00E+00	2.87E-03	5.81E-03	1.54E-03	-9.88E-02
EP	[kg PO ₄ ³⁻ -eq.]	4.32E-01	4.48E-03	2.01E-04	0.00E+00	6.40E-04	0.00E+00	8.30E-03	0.00E+00	0.00E+00	7.19E-04	1.41E-03	1.06E-03	-8.59E-02
POCP	[kg ethene-eq.]	9.68E-02	-6.43E-03	-6.51E-05	0.00E+00	5.36E-04	0.00E+00	5.23E-03	0.00E+00	0.00E+00	-1.04E-03	4.06E-04	1.40E-04	-1.09E-02
ADPE	[kg Sb-eq.]	3.37E-02	3.19E-07	8.71E-09	0.00E+00	1.51E-06	0.00E+00	6.25E-06	0.00E+00	0.00E+00	5.22E-08	4.26E-08	1.73E-08	-8.76E-04
ADPF	[MJ]	3.48E+03	6.49E+01	1.80E+00	0.00E+00	2.77E+01	0.00E+00	4.00E+02	0.00E+00	0.00E+00	1.06E+01	6.84E+00	8.77E+00	-5.15E+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													

RESOURCE USE PER AM150														
Parameter	Unit	A1-A3	A4	A5	B1	B2	B3-B5	B6	B7	C1	C2	C3	C4	D
PERE	[MJ]	3.56E+02	4.79E+00	2.32E-01	0.00E+00	1.03E+00	0.00E+00	4.43E+02	0.00E+00	0.00E+00	7.84E-01	2.79E+00	8.31E-01	-2.06E+02
PERM	[MJ]	2.32E+02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
PERT	[MJ]	5.88E+02	4.79E+00	2.32E-01	0.00E+00	1.23E+00	0.00E+00	4.43E+02	0.00E+00	0.00E+00	7.84E-01	2.79E+00	8.31E-01	-2.06E+02
PENRE	[MJ]	3.19E+03	6.62E+01	1.92E+00	0.00E+00	2.85E+01	0.00E+00	7.40E+02	0.00E+00	0.00E+00	1.08E+01	8.77E+00	9.24E+00	-6.00E+02
PENRM	[MJ]	6.50E+02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
PENRT	[MJ]	3.84E+03	6.62E+01	1.92E+00	0.00E+00	2.88E+01	0.00E+00	7.40E+02	0.00E+00	0.00E+00	1.08E+01	8.77E+00	9.24E+00	-6.00E+02
SM	[kg]	7.33E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
RSF	[MJ]	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
NRSF	[MJ]	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
FW	[m ³]	1.40E+00	5.25E-03	1.46E-03	0.00E+00	1.01E-02	0.00E+00	3.56E-01	0.00E+00	0.00E+00	8.59E-04	5.78E-02	9.66E-05	-2.89E-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													

WASTE CATEGORIES AND OUTPUT FLOWS PER AM150														
Parameter	Unit	A1-A3	A4	A5	B1	B2	B3-B5	B6	B7	C1	C2	C3	C4	D
HWD	[kg]	6.60E-05	2.05E-10	2.35E-11	0.00E+00	1.17E-09	0.00E+00	-5.79E-08	0.00E+00	0.00E+00	3.35E-11	1.41E-10	7.71E-10	-1.90E-06
NHWD	[kg]	1.01E+01	1.01E-02	2.56E-01	0.00E+00	7.33E-02	0.00E+00	5.43E-01	0.00E+00	0.00E+00	1.65E-03	6.25E-01	1.08E+01	-3.54E+00
RWD	[kg]	5.22E-02	1.24E-04	3.28E-05	0.00E+00	9.57E-05	0.00E+00	1.17E-01	0.00E+00	0.00E+00	2.02E-05	6.51E-04	1.09E-04	-2.71E-02

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	0.00E+00	0.00E+00	0.00E+00	0.00E+00
MFR	[kg]	3.18E+00	0.00E+00	1.67E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.14E+01	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00
EEE	[MJ]	1.20E+00	0.00E+00	6.79E-01	0.00E+00	5.62E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.99E+01	0.00E+00	0.00E+00
EET	[MJ]	2.73E+00	0.00E+00	1.22E+00	0.00E+00	1.05E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.13E+01	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													

ENVIRONMENTAL IMPACTS PER AM300														
Parameter	Unit	A1-A3	A4	A5	B1	B2	B3-B5	B6	B7	C1	C2	C3	C4	D
GWP	[kg CO ₂ -eq.]	3.38E+02	7.42E+00	8.66E-01	0.00E+00	6.95E-01	0.00E+00	6.79E+01	0.00E+00	0.00E+00	1.02E+00	2.96E+01	7.92E-01	-6.31E+01
ODP	[kg CFC11 ₁ -eq.]	6.20E-06	1.15E-12	3.02E-13	0.00E+00	8.24E-10	0.00E+00	1.47E-09	0.00E+00	0.00E+00	1.58E-13	6.97E-12	1.61E-12	-4.37E-10
AP	[kg SO ₂ -eq.]	1.20E+00	2.78E-02	5.82E-04	0.00E+00	9.76E-04	0.00E+00	1.16E-01	0.00E+00	0.00E+00	3.75E-03	6.84E-03	2.05E-03	-2.12E-01
EP	[kg PO ₄ ³⁻ -eq.]	5.40E-01	6.96E-03	2.26E-04	0.00E+00	3.20E-04	0.00E+00	1.60E-02	0.00E+00	0.00E+00	9.39E-04	1.64E-03	1.22E-03	-1.66E-02
POCP	[kg ethene-eq.]	1.47E-01	-1.00E-02	-8.87E-05	0.00E+00	2.68E-04	0.00E+00	1.01E-02	0.00E+00	0.00E+00	-1.35E-03	4.82E-04	1.87E-04	-1.99E-02
ADPE	[kg Sb-eq.]	4.15E-02	4.96E-07	1.05E-08	0.00E+00	7.58E-07	0.00E+00	1.20E-05	0.00E+00	0.00E+00	6.82E-08	5.74E-08	2.30E-08	-1.32E-03
ADPF	[MJ]	5.00E+03	1.01E+02	2.12E+00	0.00E+00	1.38E+01	0.00E+00	7.69E+02	0.00E+00	0.00E+00	1.39E+01	8.50E+00	1.16E+01	-9.09E+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													

RESOURCE USE PER AM300														
Parameter	Unit	A1-A3	A4	A5	B1	B2	B3-B5	B6	B7	C1	C2	C3	C4	D
PERE	[MJ]	6.55E+02	7.45E+00	2.84E-01	0.00E+00	5.17E-01	0.00E+00	8.52E+02	0.00E+00	0.00E+00	1.02E+00	3.81E+00	1.10E+00	-3.96E+02
PERM	[MJ]	2.55E+02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
PERT	[MJ]	9.10E+02	7.45E+00	2.84E-01	0.00E+00	5.17E-01	0.00E+00	8.52E+02	0.00E+00	0.00E+00	1.02E+00	3.81E+00	1.10E+00	-3.96E+02
PENRE	[MJ]	4.61E+03	1.03E+02	2.28E+00	0.00E+00	1.42E+01	0.00E+00	1.42E+03	0.00E+00	0.00E+00	1.41E+01	1.12E+01	1.23E+01	-1.07E+03
PENRM	[MJ]	9.11E+02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
PENRT	[MJ]	5.52E+03	1.03E+02	2.28E+00	0.00E+00	1.42E+01	0.00E+00	1.42E+03	0.00E+00	0.00E+00	1.41E+01	1.12E+01	1.23E+01	-1.07E+03
SM	[kg]	1.45E+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	0.00E+00	0.00E+00	0.00E+00	0.00E+00
RSF	[MJ]	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
NRSF	[MJ]	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
FW	[m³]	2.10E+00	8.16E-03	1.51E-03	0.00E+00	4.98E-03	0.00E+00	6.85E-01	0.00E+00	0.00E+00	1.12E-03	7.08E-02	1.30E-04	-6.63E-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													

WASTE CATEGORIES AND OUTPUT FLOWS PER AM300														
Parameter	Unit	A1-A3	A4	A5	B1	B2	B3-B5	B6	B7	C1	C2	C3	C4	D
HWD	[kg]	1.13E-03	3.19E-10	2.34E-11	0.00E+00	5.87E-10	0.00E+00	-1.11E-07	0.00E+00	0.00E+00	4.37E-11	9.12E-11	1.02E-09	-4.01E-06
NHWD	[kg]	1.96E+01	1.57E-02	2.89E-01	0.00E+00	3.67E-02	0.00E+00	1.05E+00	0.00E+00	0.00E+00	2.15E-03	7.53E-01	1.48E+01	-1.01E+01
RWD	[kg]	9.27E-02	1.92E-04	4.18E-05	0.00E+00	4.79E-05	0.00E+00	2.26E-01	0.00E+00	0.00E+00	2.64E-05	9.06E-04	1.44E-04	-5.16E-02
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	0.00E+00	0.00E+00	0.00E+00	0.00E+00
MFR	[kg]	4.77E+00	4.77E+00	0.00E+00	2.24E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.68E+01	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00
EEE	[MJ]	1.80E+00	1.80E+00	0.00E+00	6.79E-01	0.00E+00	2.81E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.91E+01	0.00E+00
EET	[MJ]	4.10E+00	4.10E+00	0.00E+00	1.22E+00	0.00E+00	5.27E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.78E+01	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													

ENVIRONMENTAL IMPACTS PER AM500														
Parameter	Unit	A1-A3	A4	A5	B1	B2	B3-B5	B6	B7	C1	C2	C3	C4	D
GWP	[kg CO ₂ -eq.]	6.25E+02	1.22E+01	3.45E+00	0.00E+00	1.11E+00	0.00E+00	1.03E+02	0.00E+00	0.00E+00	1.89E+00	4.44E+01	1.41E+00	-1.65E+01
ODP	[kg CFC11-eq.]	4.51E-05	1.89E-12	6.72E-06	0.00E+00	1.32E-09	0.00E+00	2.24E-09	0.00E+00	0.00E+00	2.94E-13	1.21E-11	2.86E-12	-1.77E-03
AP	[kg SO ₂ -eq.]	2.37E+00	4.56E-02	1.54E-01	0.00E+00	1.57E-03	0.00E+00	1.76E-01	0.00E+00	0.00E+00	6.98E-03	1.79E-02	3.67E-03	-1.78E+01
EP	[kg PO ₄ ³⁻ -eq.]	1.06E+00	1.14E-02	6.77E-02	0.00E+00	5.13E-04	0.00E+00	2.43E-02	0.00E+00	0.00E+00	1.75E-03	4.45E-03	1.86E-03	-2.88E+00
POCP	[kg ethene-eq.]	1.96E-01	-1.64E-02	-1.88E-03	0.00E+00	4.27E-04	0.00E+00	1.53E-02	0.00E+00	0.00E+00	-2.52E-03	1.15E-03	3.35E-04	-2.17E+01
ADPE	[kg Sb-eq.]	8.03E-02	8.13E-07	4.96E-05	0.00E+00	1.21E-06	0.00E+00	1.83E-05	0.00E+00	0.00E+00	1.27E-07	9.92E-08	4.12E-08	-1.74E+00
ADPF	[MJ]	8.48E+03	1.65E+02	9.00E-02	0.00E+00	2.22E+01	0.00E+00	1.17E+03	0.00E+00	0.00E+00	2.57E+01	1.62E+01	2.08E+01	-1.46E+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													

RESOURCE USE PER AM500														
Parameter	Unit	A1-A3	A4	A5	B1	B2	B3-B5	B6	B7	C1	C2	C3	C4	D
PERE	[MJ]	1.32E+03	1.22E+01	1.81E+00	0.00E+00	8.28E-01	0.00E+00	1.29E+03	0.00E+00	0.00E+00	1.90E+00	6.57E+00	1.97E+00	-8.01E+02
PERM	[MJ]	5.45E+02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
PERT	[MJ]	1.87E+03	1.22E+01	1.81E+00	0.00E+00	8.28E-01	0.00E+00	1.29E+03	0.00E+00	0.00E+00	1.90E+00	6.57E+00	1.97E+00	-8.01E+02
PENRE	[MJ]	8.85E+03	1.69E+02	8.96E+00	0.00E+00	2.28E+01	0.00E+00	2.16E+03	0.00E+00	0.00E+00	2.63E+01	2.08E+01	2.19E+01	-1.58E+03
PENRM	[MJ]	5.45E+02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
PENRT	[MJ]	9.39E+03	1.69E+02	8.96E+00	0.00E+00	2.28E+01	0.00E+00	2.16E+03	0.00E+00	0.00E+00	2.63E+01	2.08E+01	2.19E+01	-1.58E+03
SM	[kg]	1.69E+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	0.00E+00	0.00E+00	0.00E+00	0.00E+00
RSF	[MJ]	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
NRSF	[MJ]	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
FW	[m³]	4.11E+00	1.34E-02	6.13E-02	0.00E+00	7.96E-03	0.00E+00	1.04E+00	0.00E+00	0.00E+00	2.09E-03	1.11E-01	2.34E-04	-1.29E+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													

WASTE CATEGORIES AND OUTPUT FLOWS PER AM500														
Parameter	Unit	A1-A3	A4	A5	B1	B2	B3-B5	B6	B7	C1	C2	C3	C4	D
HWD	[kg]	1.76E-03	5.22E-10	1.39E-10	0.00E+00	9.39E-10	0.00E+00	-1.69E-07	0.00E+00	0.00E+00	8.13E-11	5.49E-10	1.82E-09	-1.82E-06
NHWD	[kg]	4.03E+01	2.57E-02	5.83E-01	0.00E+00	5.86E-02	0.00E+00	1.59E+00	0.00E+00	0.00E+00	4.00E-03	1.27E+00	2.73E+01	-2.13E+01
RWD	[kg]	1.54E-01	3.15E-04	3.76E-04	0.00E+00	7.66E-05	0.00E+00	3.43E-01	0.00E+00	0.00E+00	4.91E-05	1.54E-03	2.56E-04	-1.03E-01
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	0.00E+00	0.00E+00	0.00E+00	0.00E+00
MFR	[kg]	7.96E+00	0.00E+00	3.05E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.30E+01	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00
EEE	[MJ]	3.00E+00	0.00E+00	3.28E+01	0.00E+00	4.49E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.14E+01	0.00E+00	0.00E+00
EET	[MJ]	6.83E+00	0.00E+00	5.91E+01	0.00E+00	8.43E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E+02	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													

ENVIRONMENTAL IMPACTS PER AM800														
Parameter	Unit	A1-A3	A4	A5	B1	B2	B3-B5	B6	B7	C1	C2	C3	C4	D
GWP	[kg CO ₂ -eq.]	7.45E+02	1.45E+01	3.38E+01	0.00E+00	2.01E+00	0.00E+00	1.65E+02	0.00E+00	0.00E+00	2.12E+00	5.84E+01	1.82E+00	-2.01E+02
ODP	[kg CFC11-eq.]	5.44E-05	2.26E-12	4.39E-12	0.00E+00	2.39E-09	0.00E+00	3.59E-09	0.00E+00	0.00E+00	3.29E-13	1.44E-11	3.69E-12	-9.69E-10
AP	[kg SO ₂ -eq.]	2.76E+00	5.47E-02	5.11E-03	0.00E+00	2.05E-03	0.00E+00	2.83E-01	0.00E+00	0.00E+00	7.79E-03	2.11E-02	4.68E-03	-7.51E-01
EP	[kg PO ₄ ³⁻ -eq.]	9.54E-01	1.36E-02	1.11E-03	0.00E+00	9.28E-04	0.00E+00	3.89E-02	0.00E+00	0.00E+00	1.95E-03	5.21E-03	2.75E-03	-5.34E-02
POCP	[kg ethene-eq.]	2.13E-01	-1.96E-02	-7.59E-05	0.00E+00	7.76E-04	0.00E+00	2.45E-02	0.00E+00	0.00E+00	-2.82E-03	1.37E-03	4.29E-04	-5.51E-02
ADPE	[kg Sb-eq.]	6.65E-02	9.72E-07	6.08E-08	0.00E+00	2.19E-06	0.00E+00	2.93E-05	0.00E+00	0.00E+00	1.42E-07	1.19E-07	5.29E-08	-2.47E-03
ADPF	[MJ]	1.01E+04	1.98E+02	1.20E+01	0.00E+00	4.01E+01	0.00E+00	1.87E+03	0.00E+00	0.00E+00	2.88E+01	1.91E+01	2.67E+01	-2.21E+03
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													

RESOURCE USE PER AM800														
Parameter	Unit	A1-A3	A4	A5	B1	B2	B3-B5	B6	B7	C1	C2	C3	C4	D
PERE	[MJ]	2.03E+03	1.46E+01	2.70E+00	0.00E+00	1.09E+00	0.00E+00	2.08E+03	0.00E+00	0.00E+00	2.13E+00	7.89E+00	2.52E+00	-1.31E+03
PERM	[MJ]	7.11E+02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
PERT	[MJ]	2.74E+03	1.46E+01	2.70E+00	0.00E+00	1.09E+00	0.00E+00	2.08E+03	0.00E+00	0.00E+00	2.13E+00	7.89E+00	2.52E+00	-1.31E+03
PENRE	[MJ]	1.05E+04	2.02E+02	2.69E+00	0.00E+00	4.13E+01	0.00E+00	3.47E+03	0.00E+00	0.00E+00	2.94E+01	2.47E+01	2.81E+01	-2.71E+03
PENRM	[MJ]	8.94E+02	0.00E+00	1.37E+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	0.00E+00	0.00E+00
PENRT	[MJ]	1.14E+04	2.02E+02	1.64E+01	0.00E+00	4.13E+01	0.00E+00	3.47E+03	0.00E+00	0.00E+00	2.94E+01	2.47E+01	2.81E+01	-2.71E+03
SM	[kg]	1.83E+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	0.00E+00	0.00E+00	0.00E+00	0.00E+00
RSF	[MJ]	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
NRSF	[MJ]	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
FW	[m ³]	5.92E+00	1.60E-02	8.57E-02	0.00E+00	1.05E-02	0.00E+00	1.67E+00	0.00E+00	0.00E+00	2.33E-03	1.44E-01	2.97E-04	-2.49E+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													

WASTE CATEGORIES AND OUTPUT FLOWS PER AM800														
Parameter	Unit	A1-A3	A4	A5	B1	B2	B3-B5	B6	B7	C1	C2	C3	C4	D
HWD	[kg]	2.19E-03	6.26E-10	1.94E-10	0.00E+00	1.23E-09	0.00E+00	-2.72E-07	0.00E+00	0.00E+00	9.08E-11	6.20E-10	2.34E-09	-2.97E-06
NHWD	[kg]	7.56E+01	3.06E-02	8.81E-01	0.00E+00	1.06E-01	0.00E+00	2.55E+00	0.00E+00	0.00E+00	4.48E-03	1.54E+00	3.41E+01	-4.45E+01
RWD	[kg]	2.62E-01	3.78E-04	5.51E-04	0.00E+00	1.01E-04	0.00E+00	5.52E-01	0.00E+00	0.00E+00	5.49E-05	1.90E-03	3.29E-04	-1.70E-01
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	0.00E+00	0.00E+00	0.00E+00	0.00E+00
MFR	[kg]	7.96E+00	0.00E+00	6.44E+00	0.00E+00	1.00E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E+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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
EEE	[MJ]	3.00E+00	0.00E+00	4.57E+01	0.00E+00	5.91E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.60E+01	0.00E+00	0.00E+00
EET	[MJ]	6.83E+00	0.00E+00	8.24E+01	0.00E+00	1.11E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E+02	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													

ENVIRONMENTAL IMPACTS PER AM900														
Parameter	Unit	A1-A3	A4	A5	B1	B2	B3-B5	B6	B7	C1	C2	C3	C4	D
GWP	[kg CO ₂ -eq.]	6.46E+02	1.68E+01	5.28E+01	0.00E+00	2.43E+00	0.00E+00	1.90E+02	0.00E+00	0.00E+00	2.50E+00	5.66E+01	2.02E+00	-1.07E+02
ODP	[kg CFC11-eq.]	1.58E-05	2.61E-12	6.38E-12	0.00E+00	2.88E-09	0.00E+00	4.13E-09	0.00E+00	0.00E+00	3.89E-13	1.71E-11	4.11E-12	-1.01E-09
AP	[kg SO ₂ -eq.]	2.08E+00	6.31E-02	6.83E-03	0.00E+00	3.43E-03	0.00E+00	3.25E-01	0.00E+00	0.00E+00	9.22E-03	2.13E-02	5.23E-03	-3.21E-01
EP	[kg PO ₄ ³⁻ -eq.]	8.86E-01	1.58E-02	1.32E-03	0.00E+00	1.12E-03	0.00E+00	4.47E-02	0.00E+00	0.00E+00	2.31E-03	5.24E-03	3.15E-03	-2.83E-02
POCP	[kg ethene-eq.]	2.07E-01	-2.27E-02	1.67E-04	0.00E+00	9.33E-04	0.00E+00	2.82E-02	0.00E+00	0.00E+00	-3.33E-03	1.39E-03	4.76E-04	-6.15E-02
ADPE	[kg Sb-eq.]	6.60E-02	1.12E-06	7.07E-08	0.00E+00	2.65E-06	0.00E+00	3.37E-05	0.00E+00	0.00E+00	1.68E-07	1.39E-07	5.88E-08	-1.81E-03
ADPF	[MJ]	9.41E+03	2.29E+02	1.42E+01	0.00E+00	4.85E+01	0.00E+00	2.15E+03	0.00E+00	0.00E+00	3.40E+01	2.28E+01	2.97E+01	-1.35E+03
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													

RESOURCE USE PER AM900														
Parameter	Unit	A1-A3	A4	A5	B1	B2	B3-B5	B6	B7	C1	C2	C3	C4	D
PERE	[MJ]	1.20E+03	1.69E+01	3.64E+00	0.00E+00	1.81E+00	0.00E+00	2.39E+03	0.00E+00	0.00E+00	2.52E+00	9.09E+00	2.82E+00	-7.59E+02
PERM	[MJ]	7.61E+02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
PERT	[MJ]	1.96E+03	1.69E+01	3.64E+00	0.00E+00	1.81E+00	0.00E+00	2.39E+03	0.00E+00	0.00E+00	2.52E+00	9.09E+00	2.82E+00	-7.59E+02
PENRE	[MJ]	8.90E+03	2.33E+02	2.33E+02	0.00E+00	2.33E+02	0.00E+00	2.33E+02	0.00E+00	0.00E+00	2.33E+02	2.33E+02	2.33E+02	2.33E+02
PENRM	[MJ]	1.37E+03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	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]	1.03E+04	2.33E+02	2.33E+02	0.00E+00	2.33E+02	0.00E+00	2.33E+02	0.00E+00	0.00E+00	2.33E+02	2.33E+02	2.33E+02	2.33E+02
SM	[kg]	3.71E+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	0.00E+00	0.00E+00	0.00E+00	0.00E+00
RSF	[MJ]	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
NRSF	[MJ]	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
FW	[m³]	3.36E+00	1.85E-02	1.36E-01	0.00E+00	1.74E-02	0.00E+00	1.92E+00	0.00E+00	0.00E+00	2.76E-03	1.40E-01	3.31E-04	-9.84E-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													

WASTE CATEGORIES AND OUTPUT FLOWS PER AM900														
Parameter	Unit	A1-A3	A4	A5	B1	B2	B3-B5	B6	B7	C1	C2	C3	C4	D
HWD	[kg]	7.73E-05	7.22E-10	3.05E-10	0.00E+00	2.05E-09	0.00E+00	-3.12E-07	0.00E+00	0.00E+00	1.07E-10	5.63E-10	2.61E-09	-3.01E-06
NHWD	[kg]	3.12E+01	3.55E-02	1.16E+00	0.00E+00	1.28E-01	0.00E+00	2.93E+00	0.00E+00	0.00E+00	5.29E-03	2.54E+00	3.77E+01	-1.33E+01
RWD	[kg]	1.36E-01	4.36E-04	7.83E-04	0.00E+00	1.68E-04	0.00E+00	6.33E-01	0.00E+00	0.00E+00	6.49E-05	2.05E-03	3.67E-04	-9.76E-02

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	0.00E+00	0.00E+00	0.00E+00	0.00E+00
MFR	[kg]	9.55E+00	0.00E+00	2.44E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E+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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
EEE	[MJ]	3.60E+00	0.00E+00	7.32E+01	0.00E+00	9.83E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.48E+01	0.00E+00	0.00E+00
EET	[MJ]	8.20E+00	0.00E+00	1.32E+02	0.00E+00	1.84E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.53E+02	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													

ENVIRONMENTAL IMPACTS PER AM1000														
Parameter	Unit	A1-A3	A4	A5	B1	B2	B3-B5	B6	B7	C1	C2	C3	C4	D
GWP	[kg CO ₂ -eq.]	1.34E+03	2.70E+01	5.91E+01	0.00E+00	4.44E+00	0.00E+00	2.44E+02	0.00E+00	0.00E+00	4.55E+00	4.21E+01	3.18E+00	-2.60E+02
ODP	[kg CFC11-eq.]	7.08E-05	4.18E-12	7.11E-12	0.00E+00	5.27E-09	0.00E+00	5.31E-09	0.00E+00	0.00E+00	7.08E-13	1.91E-11	6.44E-12	-1.81E-09
AP	[kg SO ₂ -eq.]	4.25E+00	1.01E-01	7.61E-03	0.00E+00	6.24E-03	0.00E+00	4.17E-01	0.00E+00	0.00E+00	1.68E-02	1.83E-02	8.30E-03	-8.85E-01
EP	[kg PO ₄ ³⁻ -eq.]	1.44E+00	2.53E-02	1.47E-03	0.00E+00	2.05E-03	0.00E+00	5.74E-02	0.00E+00	0.00E+00	4.20E-03	4.46E-03	3.54E-03	-6.80E-02
POCP	[kg ethene-eq.]	3.42E-01	-3.63E-02	2.01E-04	0.00E+00	1.71E-03	0.00E+00	3.62E-02	0.00E+00	0.00E+00	-6.06E-03	1.18E-03	7.58E-04	-8.15E-02
ADPE	[kg Sb-eq.]	1.02E-01	1.80E-06	7.84E-08	0.00E+00	4.84E-06	0.00E+00	4.33E-05	0.00E+00	0.00E+00	3.05E-07	1.55E-07	9.30E-08	-2.19E-03
ADPF	[MJ]	1.71E+04	3.66E+02	1.58E+01	0.00E+00	8.85E+01	0.00E+00	2.77E+03	0.00E+00	0.00E+00	6.20E+01	1.92E+01	4.68E+01	-2.96E+03
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													

RESOURCE USE PER AM1000														
Parameter	Unit	A1-A3	A4	A5	B1	B2	B3-B5	B6	B7	C1	C2	C3	C4	D
PERE	[MJ]	2.55E+03	2.70E+01	4.05E+00	0.00E+00	3.31E+00	0.00E+00	3.07E+03	0.00E+00	0.00E+00	4.58E+00	1.06E+01	4.43E+00	-1.78E+03
PERM	[MJ]	6.60E+02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
PERT	[MJ]	3.21E+03	2.70E+01	4.05E+00	0.00E+00	3.31E+00	0.00E+00	3.07E+03	0.00E+00	0.00E+00	4.58E+00	1.06E+01	4.43E+00	-1.78E+03
PENRE	[MJ]	1.77E+04	3.74E+02	1.85E+01	0.00E+00	9.11E+01	0.00E+00	5.12E+03	0.00E+00	0.00E+00	6.32E+01	2.68E+01	4.92E+01	-3.65E+03
PENRM	[MJ]	1.11E+03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	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]	1.88E+04	3.74E+02	1.85E+01	0.00E+00	9.11E+01	0.00E+00	5.12E+03	0.00E+00	0.00E+00	6.32E+01	2.68E+01	4.92E+01	-3.65E+03
SM	[kg]	4.42E+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	0.00E+00	0.00E+00	0.00E+00	0.00E+00
RSF	[MJ]	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
NRSF	[MJ]	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
FW	[m³]	7.26E+00	2.96E-02	1.52E-01	0.00E+00	3.18E-02	0.00E+00	2.47E+00	0.00E+00	0.00E+00	5.02E-03	1.07E-01	5.32E-04	-2.91E+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													

WASTE CATEGORIES AND OUTPUT FLOWS PER AM1000														
Parameter	Unit	A1-A3	A4	A5	B1	B2	B3-B5	B6	B7	C1	C2	C3	C4	D
HWD	[kg]	3.82E-03	1.16E-09	3.41E-10	0.00E+00	3.75E-09	0.00E+00	-4.01E-07	0.00E+00	0.00E+00	1.96E-10	-5.65E-11	4.09E-09	-5.82E-06
NHWD	[kg]	9.02E+01	5.69E-02	1.28E+00	0.00E+00	2.34E-01	0.00E+00	3.76E+00	0.00E+00	0.00E+00	9.63E-03	1.54E+00	6.33E+01	-4.88E+01
RWD	[kg]	3.20E-01	6.99E-04	8.72E-04	0.00E+00	3.06E-04	0.00E+00	8.13E-01	0.00E+00	0.00E+00	1.18E-04	2.58E-03	5.76E-04	-2.24E-01

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	0.00E+00	0.00E+00	0.00E+00	0.00E+00
MFR	[kg]	1.59E+01	0.00E+00	2.43E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.38E+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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
EEE	[MJ]	6.00E+00	0.00E+00	8.19E+01	0.00E+00	1.80E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.12E+01	0.00E+00	0.00E+00
EET	[MJ]	1.37E+01	0.00E+00	1.48E+02	0.00E+00	3.37E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.29E+02	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													

ENVIRONMENTAL IMPACTS PER AM1200														
Parameter	Unit	A1-A3	A4	A5	B1	B2	B3-B5	B6	B7	C1	C2	C3	C4	D
GWP	[kg CO ₂ -eq.]	1.53E+03	3.96E+01	3.10E+00	0.00E+00	7.65E+00	0.00E+00	2.04E+02	0.00E+00	0.00E+00	5.81E+00	2.09E+02	3.69E+00	-3.91E+02
ODP	[kg CFC11-eq.]	6.02E-05	6.15E-12	5.58E-13	0.00E+00	9.06E-09	0.00E+00	4.42E-09	0.00E+00	0.00E+00	9.03E-13	3.10E-11	7.47E-12	-2.37E-09
AP	[kg SO ₂ -eq.]	5.11E+00	1.49E-01	1.34E-03	0.00E+00	1.08E-02	0.00E+00	3.48E-01	0.00E+00	0.00E+00	2.14E-02	7.31E-02	9.64E-03	-1.36E+00
EP	[kg PO ₄ ³⁻ -eq.]	1.38E+00	3.71E-02	3.31E-04	0.00E+00	3.53E-03	0.00E+00	4.79E-02	0.00E+00	0.00E+00	5.35E-03	1.84E-02	3.92E-03	-1.01E-01
POCP	[kg ethene-eq.]	4.12E-01	-5.34E-02	-3.25E-04	0.00E+00	2.93E-03	0.00E+00	3.02E-02	0.00E+00	0.00E+00	-7.73E-03	4.71E-03	8.81E-04	-1.13E-01
ADPE	[kg Sb-eq.]	8.59E-02	2.65E-06	2.24E-08	0.00E+00	8.33E-06	0.00E+00	3.61E-05	0.00E+00	0.00E+00	3.89E-07	2.65E-07	1.08E-07	-3.07E-03
ADPF	[MJ]	2.06E+04	5.39E+02	4.43E+00	0.00E+00	1.52E+02	0.00E+00	2.31E+03	0.00E+00	0.00E+00	7.90E+01	5.78E+01	5.43E+01	-4.36E+03
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													

RESOURCE USE PER AM1200														
Parameter	Unit	A1-A3	A4	A5	B1	B2	B3-B5	B6	B7	C1	C2	C3	C4	D
PERE	[MJ]	3.28E+03	3.98E+01	5.56E-01	0.00E+00	5.69E+00	0.00E+00	2.56E+03	0.00E+00	0.00E+00	5.84E+00	1.65E+01	5.14E+00	-2.66E+03
PERM	[MJ]	2.56E+03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	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]	5.84E+03	3.98E+01	5.56E-01	0.00E+00	5.69E+00	0.00E+00	2.56E+03	0.00E+00	0.00E+00	5.84E+00	1.65E+01	5.14E+00	-2.66E+03
PENRE	[MJ]	2.15E+04	5.49E+02	4.70E+00	0.00E+00	1.57E+02	0.00E+00	4.27E+03	0.00E+00	0.00E+00	8.06E+01	6.91E+01	5.72E+01	-5.41E+03
PENRM	[MJ]	1.21E+03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	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]	2.27E+04	5.49E+02	4.70E+00	0.00E+00	1.57E+02	0.00E+00	4.27E+03	0.00E+00	0.00E+00	8.06E+01	6.91E+01	5.72E+01	-5.41E+03
SM	[kg]	5.26E+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	0.00E+00	0.00E+00	0.00E+00	0.00E+00
RSF	[MJ]	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
NRSF	[MJ]	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
FW	[m ³]	9.99E+00	4.36E-02	7.61E-03	0.00E+00	5.48E-02	0.00E+00	2.06E+00	0.00E+00	0.00E+00	6.40E-03	5.04E-01	6.20E-04	-4.54E+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													

WASTE CATEGORIES AND OUTPUT FLOWS PER AM1200														
Parameter	Unit	A1-A3	A4	A5	B1	B2	B3-B5	B6	B7	C1	C2	C3	C4	D
HWD	[kg]	4.54E-03	1.70E-09	2.44E-11	0.00E+00	6.45E-09	0.00E+00	-3.34E-07	0.00E+00	0.00E+00	2.49E-10	3.88E-09	4.75E-09	-3.87E-06
NHWD	[kg]	1.33E+02	8.37E-02	1.72E-01	0.00E+00	4.03E-01	0.00E+00	3.14E+00	0.00E+00	0.00E+00	1.23E-02	2.63E+00	7.40E+01	-7.85E+01
RWD	[kg]	4.64E-01	1.03E-03	7.50E-05	0.00E+00	5.27E-04	0.00E+00	6.78E-01	0.00E+00	0.00E+00	1.51E-04	3.74E-03	6.68E-04	-3.41E-01

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	0.00E+00	0.00E+00	0.00E+00	0.00E+00
MFR	[kg]	2.39E+01	0.00E+00	2.27E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.84E+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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
EEE	[MJ]	9.00E+00	0.00E+00	3.89E+00	0.00E+00	3.09E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.60E+02	0.00E+00	0.00E+00
EET	[MJ]	2.05E+01	0.00E+00	7.02E+00	0.00E+00	5.80E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.65E+02	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													

Checked and approved by

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