



Table S2. Reference flow inventory AWS_GCS_CG.

	Artificial lightweight aggregates {ES} production Cut-off, U	Aggregate washing sludge, treated {ES} market for Cut-off, U	Granite cutting sludge, treated {ES} market for Cut-off, U	Coffee grounds, post-process {ES} collection of Cut-off, U	Tap water (Europe without Switzerland) market for tap water Cut-off, U	Electricity, medium voltage {ES} market for Cut-off, U	Heat, district or industrial, other than natural gas {Europe without Switzerland} market for heat, district or industrial, other than natural gas Cut-off, U	Containerboard, linerboard {RER} market for containerboard, linerboard Cut-off, U	Packaging film, low density polyethylene {GLO} market for packaging film, low density polyethylene Cut-off, U	Water (emissions air)	Water (emissions water)	Biogenic carbon dioxide (emissions air)
	1 m ³	kg	kg	kg	m ³	kWh	MJ	kg	kg	m ³	m ³	kg
01-AWS_GCS_CG		865.50	0.00	0.00	0.02	19.67	2421.13	0.76	0.18	0.14	0.14	0.00
02-AWS_GCS_CG		423.04	0.00	6.44	0.02	9.76	1186.34	0.76	0.18	0.07	0.07	6.44
03-AWS_GCS_CG		515.63	0.00	15.95	0.02	12.08	1449.70	0.76	0.18	0.09	0.09	15.95
04-AWS_GCS_CG		366.35	78.42	3.36	0.03	10.18	1258.83	0.76	0.18	0.08	0.08	3.36
05-AWS_GCS_CG		299.25	65.26	8.39	0.03	8.47	1038.78	0.76	0.18	0.07	0.07	8.39
06-AWS_GCS_CG		705.33	379.79	0.00	0.04	24.66	3073.60	0.76	0.18	0.17	0.17	0.00
07-AWS_GCS_CG		248.32	136.87	5.87	0.02	8.89	1093.95	0.76	0.18	0.06	0.06	5.87
08-AWS_GCS_CG		314.71	177.66	15.23	0.02	11.54	1408.07	0.76	0.18	0.08	0.08	15.23
09-AWS_GCS_CG		229.01	257.17	3.67	0.02	11.13	1370.31	0.76	0.18	0.08	0.08	3.67
10-AWS_GCS_CG		181.99	211.15	9.05	0.02	9.14	1134.51	0.76	0.18	0.07	0.07	9.05
11-AWS_GCS_CG		418.94	977.53	0.00	0.08	31.74	4004.54	0.76	0.18	0.21	0.21	0.00
12-AWS_GCS_CG		169.63	416.64	8.93	0.05	13.53	1685.89	0.76	0.18	0.10	0.10	8.93
13-AWS_GCS_CG		142.89	370.46	15.88	0.05	12.03	1492.86	0.76	0.18	0.09	0.09	15.88