



Table S5. Reference flow inventory AWS\_SCS\_CG.

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	Artificial lightweight aggregates {ES}   production   Cut-off, U	Aggregate washing sludge, treated {ES}   market for   Cut-off, U	Slate 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 <sup>3</sup>	kg	kg	kg	m <sup>3</sup>	kWh	MJ	kg	kg	m <sup>3</sup>	m <sup>3</sup>	kg
15	01-AWS_SCS_CG	840.06	0.00	0.00	0.01	19.09	2349.97	0.76	0.18	0.13	0.13	0.00
16	02-AWS_SCS_CG	452.79	0.00	6.90	0.01	10.45	1269.77	0.76	0.18	0.07	0.07	6.90
17	03-AWS_SCS_CG	507.32	0.00	15.69	0.02	11.89	1426.33	0.76	0.18	0.09	0.09	15.69
18	04-AWS_SCS_CG	361.95	91.34	3.43	0.01	10.38	1288.32	0.76	0.18	0.07	0.07	3.43
19	05-AWS_SCS_CG	306.85	78.93	8.88	0.01	8.97	1094.80	0.76	0.18	0.07	0.07	8.88
20	06-AWS_SCS_CG	581.19	387.46	0.00	0.00	22.01	2766.36	0.76	0.18	0.14	0.14	0.00
21	07-AWS_SCS_CG	222.64	152.23	5.71	0.01	8.65	1069.09	0.76	0.18	0.06	0.06	5.71
21	08-AWS_SCS_CG	274.10	192.35	14.43	0.03	10.93	1333.97	0.76	0.18	0.09	0.09	14.43
22	09-AWS_SCS_CG	205.38	313.96	3.92	0.02	11.89	1494.39	0.76	0.18	0.08	0.08	3.92
23	10-AWS_SCS_CG	160.79	255.56	9.58	0.03	9.68	1196.50	0.76	0.18	0.07	0.07	9.58
24	11-AWS_SCS_CG	277.22	1108.89	0.00	0.02	31.50	3991.06	0.76	0.18	0.20	0.20	0.00
	12-AWS_SCS_CG	101.53	439.05	8.23	0.02	12.47	1573.78	0.76	0.18	0.09	0.09	8.23
	13-AWS_SCS_CG	69.28	326.02	12.23	0.03	9.26	1159.09	0.76	0.18	0.07	0.07	12.23