

Table S1. Elemental composition of CFBC-S (SEM-EDS analysis).

Elements	C	O	Na	Mg	Al	Si	P	S	K	Ca	Ti	Mn	Fe
CFBC-S [%], weight	1.33	43.8	0.74	2.51	3.54	3.74	14.2	0.46	0.19	27.1	0.44	—	1.89
CFBC-S [%], atomic	2.5	61.6	0.72	2.33	2.95	2.99	10.3	0.32	0.11	15.2	0.21	—	0.76
Oxides	CO ₂		Na ₂ O	MgO	Al ₂ O ₃	SiO ₂	P ₂ O ₅	SO ₃	K ₂ O	CaO	TiO ₂	MnO	Fe ₂ O ₃
CFBC-S [%]	4.89		1.0	4.17	6.68	7.99	32.48	1.14	0.23	37.98	0.73	-	2.71