Table S1. Waste decay rate (*k*) values (Pipatti et al., 2006)

Type of waste		Boreal and Temperate (MAT ≤ 20°C)			
		Dry (MAP/PET < 1)		Wet (MAP/PET > 1)	
		Default	Range	Default	Range
Slowly degrading waste	Paper/textiles waste	0.04	0.03 – 0.05	0.06	0.05 – 0.07
	Wood/ straw waste	0.02	0.01 – 0.03	0.03	0.02 – 0.04
Moderately degrading waste	Other (non – food) organic putrescible/ Garden and park	0.05	0.04 – 0.06	0.1	0.06 – 0.1
Rapidly degrading waste	Food waste/Sewage sludge	0.06	0.05 – 0.08	0.185	0.1 – 0.2
Bulk Waste		0.05	0.04 – 0.06	0.09	0.08 – 0.1

Table S2. Default DOC values for major waste streams (Froiland and Pipatti, 2006)

DEFAULT DOC VALUES FOR MAJOR WASTE STREAMS	
Waste Stream	Per cent DOC (by weight) in wet (fresh) SW
Paper and textiles (% portion in SW)	40
Garden and park waste, and other (non-food) organic putrescible (% portion in SW)	17
Food waste (% portion in SW)	15
Wood and straw waste[a] (% portion in SW)	30
[a] excluding lignin C	

Table S3. Coefficients for calculation of municipal solid composition (den Boer et al., 2007)

Coefficients	Organic Waste	Paper	Glass	Plastics	Metals
a	0,0004	0,0002	0,00005	-0,0004	-0,00007
b	-0,03768	-0,1274	-0,0291	0,3382	0,0587
c	120	37,866	10,975	-56,199	-7,6464

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