5.1. CO2-emission reporting Renewi Netherlands Holding b.v. 2019-2022H1

Emission sources		Commercial Waste NL	Mineralz & Water	Specialities	Renewi Netherlands Holding b.v.					
	YEAR	CO2-equivalent in ton	CO2-equivalent in ton	CO2-equivalent in ton	2019	2020	H1-2021	H2-2021	2021 Total	H1-2022
Scope 1										
Direct emissions from processes	2019	54.248	211.904	0	266.151					
	2020	52.096	187.875	0		239.971				
	H1-2021	23.399	92.651	0			116.050			
	H2-2022	28.264	79.846	0				108.110	224.160	
	H1-2022	22.893	80.318	0						103.211
Fuel consumption - TRUCKS	2019	84.023	4.962	0	88.985					
	2020	57.819	0	0		57.819				
	H1-2021	37.151	0	0			37.151			
	H2-2022	37.273	0	0				37.273	74.425	
	H1-2022	35.651	0	0						35.651
Fuel consumption - ON SITE	2019	13.960	5.925	2.516	22.400					
	2020	9.350	5.512	2.500		17.361				
	H1-2021	5.908	3.156	1.276			10.339			
	H2-2022	5.954	2.888	1.373				10.215	20.554	
	H1-2022	5.801	2.203	1.250						9.254
Fuel consumption - Lease cars of employees	2019	2.829	423	340	3.592					
(only fuel - no electricity)	2020	1.653	244	101		1.999				
	H1-2021	826	122	51			1.000			
	H2-2022	509	77	32				619	1.619	
	H1-2022	432	65	30						528
Gas consumption - ON SITE	2019	8.718	5.807	4.247	18.773					
	2020	7.247	4.134	3.928		15.308				
	H1-2021	3.115	2.797	2.164			8.076			
	H2-2022	3.345	1.876	2.101				7.321	15.397	
	H1-2022	3.324	731	2.149						6.205
				CO2-equivalent in ton	**399.901**	**332.458**	**172.617**	**163.539**	**336.155**	**154.848**
Scope 2										
Electricity consumption - ON SITE	2019	25.693	40.788	16.287	82.768					
	2020	21.431	35.944	13.343		70.719				
	H1-2021	11.329	17.960	6.742			36.032			
	H2-2022	9.925	16.944	6.917				33.785	69.817	
	H1-2022	7.617	17.587	7.055						32.260
Electricity consumption - lease cars	2019	81	6	7	94					
	2020	238	24	9		271				
	H1-2021	119	12	4			136			
	H2-2022	154	16	7				176	312	
	H1-2022	168	18	7						193
				CO2-equivalent in ton	**82.862**	**70.990**	**36.167**	**33.961**	**70.128**	**32.453**
Scope 3										
Commute Work - Office	*2019*	*2.631*	*not known*	*not known*	*2.631*					
	2020	*5.663*	*583*	*731*		*6.977*				
	H1-2021	*2.655*	*287*	*288*			*3.231*			
	H2-2021	*2.655*	*287*	*288*				*3.231*	*6.462*	
	H1-2022	*2.655*	*287*	*288*						*3.231*
Business travels	*2019*	*43*	*11*	*22*	*75*					
	2020	*39*	*10*	*24*		*74*				
	H1-2021	*20*	*5*	*12*			*37*			
	H2-2021	*20*	*5*	*12*				*37*	*74*	
	H1-2022	*20*	*5*	*12*						*37*
				CO2-equivalent in ton	***2.706***	***7.050***	***3.268***	***3.268***	***6.535***	***3.268***

Total SCOPE 1 & 2	**2019**	189.552	269.815	23.396	**482.763**					
	2020	149.833	233.734	19.881		**403.448**				
	H1-2021	81.848	116.697	10.238			***208.784***			
	H2-2021	85.423	101.647	10.430				***197.500***		
	2021	167.271	218.344	20.668					**406.283**	
	H1-2022	75.887	100.923	10.491						**187.301**

Overview of Projects

2022

5 projects in Commercial Waste NL

Gemeente Oldambt	started in 1-3-2020
Provincie NB	started in 1-1-2020
Gemeente Lansingerland	started in 1-1-2020
Waterschapsbedrijf Limburg	started in 1-7-2020
Gemeente Drimmelen Best	started in 1-12-2020

total CO2 accounted

45,9 T. of CO2