

General information

Remover name	Erwin Westers		
Project code	HOR-L-001		
Project name	Horaholm		
Location	Hornhuizen, NL		
Area	55,00	ha	
Duration	100	years	estimated permanence of removal and storage
Holding pool	0%		freed up when measurements confirm projection pathways
Project emissions	20%		LCA estimate, or specified when >20%

Per hectare

Baseline TEC	163	tCO2/ha	SOC carbon
Target TEC	283	tCO2/ha	Using CEDA and Soil sample data
Storage	120	tCO2/ha	Storage +/- baseline

Per project

Measured storage	6.591	tCO2	storage per ha x area
LCA emissions	1.318	tCO2	project related emissions
Net storage	5.273	tCO2	project storage +/- emissions over 20 years

Removal credits issued

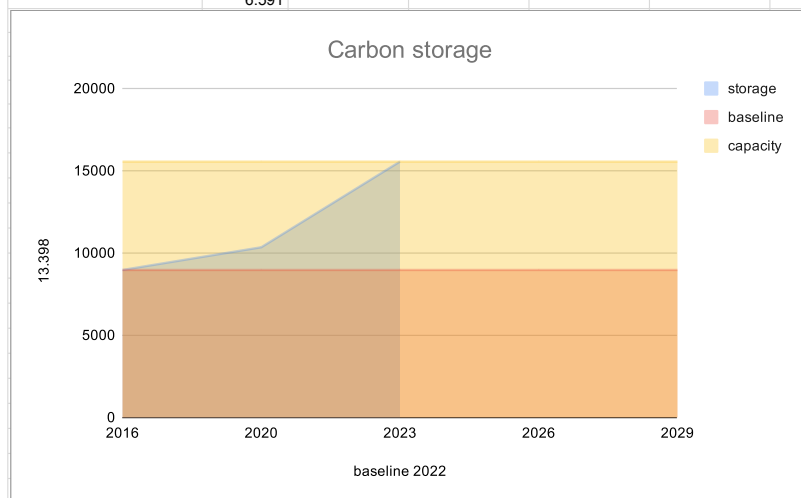
Credits issued dd 15-8-2023	5.273	credits
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Field Code	Field name	Size (ha)	Owner
001-Hor	Horaholm 1	55	Erwin Westers
001-R	Reference		

[illegible]

Carbon Calculation for HOR-L-001

Surface	55 ha	Fields tab							
Capacity Reference SOC	18,50 SOC g/kg	References tab							
Capacity Reference AGB	0,00 tCO2e/ha	References tab							
	2016	2020	2023	2026	2029				
Measurement average	9,75 SOC g/kg	11,25 SOC g/kg	18,50 SOC g/kg	#DIV/0! SOC g/kg	#DIV/0! SOC g/kg				
Sample depth	30 cm	30 cm	30 cm	#DIV/0! cm	#DIV/0! cm				
Calculation depth	30 cm	30 cm	30 cm	30 cm	30 cm				
Soil density	1,52 g/cm3	1,52 g/cm3	1,39 g/cm3	#DIV/0! g/cm3	#DIV/0! g/cm3				
SOC (soil carbon) / ha	163 tCO2e/ha	188 tCO2e/ha	283 tCO2e/ha	#DIV/0! tCO2e/ha	#DIV/0! tCO2e/ha				
AGB (above ground) / ha	24,79 tCO2e/ha	24,79 tCO2e/ha	24,79 tCO2e/ha	#DIV/0! tCO2e/ha	#DIV/0! tCO2e/ha				
Storage current (excl AGB)	8,966 tCO2e	10,346 tCO2e	15,558 tCO2e	#DIV/0! tCO2e	#DIV/0! tCO2e				
Storage capacity (excl AGB)	15,558 tCO2e	15,558 tCO2e	15,558 tCO2e	15,558 tCO2e	15,558 tCO2e				
	6,591								



[illegible]

from C to CO2	3,666666667		
soil density	% organic matter	% organic carbon	soil density
1,59	0,5	0,25	1,59
1,52	1,5	0,75	1,52
1,45	2,5	1,25	1,45
1,39	3,5	1,75	1,39
1,34	4,5	2,25	1,34
1,29	5,5	2,75	1,29
1,24	6,5	3,25	1,24
1,18	7,5	3,75	1,18
1,13	8,5	4,25	1,13
1,09	9,5	4,75	1,09
1,05	10,5	5,25	1,05
1,01	11,5	5,75	1,01
0,96	12,5	6,25	0,96
0,93	13,5	6,75	0,93
0,9	14,5	7,25	0,9
0,87	15,5	7,75	0,87
0,84	16,5	8,25	0,84
0,81	17,5	8,75	0,81
0,79	18,5	9,25	0,79
0,77	19,5	9,75	0,77
0,75	20,5	10,25	0,75
0,73	21,5	10,75	0,73
0,71	22,5	11,25	0,71
0,7	23,5	11,75	0,7
0,69	24,5	12,25	0,69
0,67	25,5	12,75	0,67
0,65	27	13,5	0,65
0,62	29	14,5	0,62
0,6	31	15,5	0,6
0,58	33	16,5	0,58
0,56	35	17,5	0,56
0,54	37	18,5	0,54
0,52	39	19,5	0,52
0,5	41	20,5	0,5
0,49	43	21,5	0,49
0,47	45	22,5	0,47
0,46	47	23,5	0,46
0,44	49	24,5	0,44