

General information

Remover name	Gillis Klompe; Maatschap Klompe/Van der Linde		
Project code	GHKL003		
Project name	Gillis Klompe - 2024		
Location	Dreischor, Netherlands		
Area	29.69	ha	
Star year	2024		year of planting
Project duration	20	years	
Holding pool	20%		freed up when measurements confirm projection pathways
Project emissions	20%		LCA estimate, or specified when >20%

Per hectare

Baseline TEC	193	tCO2/ha	Soil Organic Carbon and Above Ground Carbon, following CDM AR-ACM0003
Reference capacity	207	tCO2/ha	Using CEDA and Soil sample data
Storage potential	14	tCO2/ha	Projection +/- baseline

Per project

Projected storage	426	tCO2	storage potential per ha x area x storage duration 100 year equivalent
LCA emissions	85	tCO2	project related emissions
Net storage potential	340	tCO2	project storage +/- emissions over 20 years

Removal credits issued

Units first 12 years	204	units	12/20 x net storage potential
Holding Pool	41	units	20% of the first 12 years
Potential units issued	163	units	

Field Code	Field name	Size (ha)	Owner	Kadaster size	Perceelnummer
	Huisakavel	24.29	Gillis Klompe	242915	BWH00-L-619; BWH00-L-700
	K&L Luteyn naast dreef	5.4	Gillis Klompe	Partial section from Kadaster Per BWH00-L-623	

#	Field code	Field	Year	Date	Sample depth (cm)	SOC/AGB/REF	SOM (%)	SOC (%)	Size (ha)	AGB (tCO2/ha)	AGB (tBiomass/ha)	Sample/report nr.	Sum/product	Notes
005	GKL_L_003-1	Huskaavel	2024	30/10/2024	25	SOC	2.2	1.1	24.29			Klompje huskaavel 2024.pdf	53.4413	
			2020			AGB			24.29	15.781	8.6		383.3441615	
			2024	17/2/2024	25	SOC	2.2	1.1	5.4			K&L Luleyn naast dreef.pdf	11.88	
006	GKL_L_003-2	K&L Luleyn naast dreef	2020			AGB			5.4	11.744	6.4		63.4176	

Carbon Calculation for		GHL003							
Surface	29.6915 ha	Fields tab							
Capacity Reference SOC	1.20 SOC %	References tab							
Capacity Reference AGB	15.05 tCO ₂ e/ha	References tab							
	2024		2027	2030	2033	2036			
Measurement average	1.1 SOC %		#DIV/0! SOC g/kg	#DIV/0! SOC g/kg	#DIV/0! SOC g/kg	#DIV/0! SOC g/kg			
Sample depth	25 cm		#DIV/0! cm	#DIV/0! cm	#DIV/0! cm	#DIV/0! cm			
Calculation depth	30 cm		30 cm	30 cm	30 cm	30 cm			
Soil density	1.471 g/cm ³		#DIV/0! g/cm ³	#DIV/0! g/cm ³	#DIV/0! g/cm ³	#DIV/0! g/cm ³			
Soil density REF	1.457 g/cm ³								
SOC (soil carbon) / ha	178 tCO ₂ e/ha		#DIV/0! tCO ₂ e/ha	#DIV/0! tCO ₂ e/ha	#DIV/0! tCO ₂ e/ha	#DIV/0! tCO ₂ e/ha			
Soil Carbon per ha REF	192.32 tCO ₂ e/ha								
AGB (above ground) / ha	15.05 tCO ₂ e/ha		#DIV/0! tCO ₂ e/ha	#DIV/0! tCO ₂ e/ha	#DIV/0! tCO ₂ e/ha	#DIV/0! tCO ₂ e/ha			
Storage current	5,732 tCO ₂ e		#DIV/0! tCO ₂ e	#DIV/0! tCO ₂ e	#DIV/0! tCO ₂ e	#DIV/0! tCO ₂ e			
Storage capacity	6,157 tCO ₂ e		#N/A tCO ₂ e	#N/A tCO ₂ e	#N/A tCO ₂ e	#N/A tCO ₂ e			
	storage	baseline	capacity						
2024	5,732	5,732	6,157						
2027	#DIV/0!	5,732	6,157						
2030	#DIV/0!	5,732	6,157						
2033	#DIV/0!	5,732	6,157						
2036	#DIV/0!	5,732	6,157						

Sources									
value	source	URL	Notes						
CEDA aboveground biomass carbon	https://climatee	https://dataceda	2018 data						
SOC	A critical review of the conventional SOC to SOM conversion factor (Geoderma, Volume 156, Issues 3–4, 15 May 2010, Pages 75-83)								
Density	Wageningen Ur	https://edepot.wu	We've added these soil density levels to the calculation factors tab						
Reference data for capacity									
SOC (soil)	1.2	SOC %	VPA-L-001-9	Hagens thuis					
AGB (above ground)	15.05	tCO2e/ha							

0.498	41.4	20.7	0.498
0.497	41.6	20.8	0.497
0.496	41.8	20.9	0.496
0.495	42	21	0.495
0.494	42.2	21.1	0.494
0.493	42.4	21.2	0.493
0.492	42.6	21.3	0.492
0.491	42.8	21.4	0.491
0.49	43	21.5	0.49
0.489	43.2	21.6	0.489
0.488	43.4	21.7	0.488
0.484	43.6	21.8	0.484
0.482	43.8	21.9	0.482
0.48	44	22	0.48
0.478	44.2	22.1	0.478
0.476	44.4	22.2	0.476
0.474	44.6	22.3	0.474
0.472	44.8	22.4	0.472
0.47	45	22.5	0.47
0.469	45.2	22.6	0.469
0.468	45.4	22.7	0.468
0.467	45.6	22.8	0.467
0.466	45.8	22.9	0.466
0.465	46	23	0.465
0.464	46.2	23.1	0.464
0.463	46.4	23.2	0.463
0.462	46.6	23.3	0.462
0.461	46.8	23.4	0.461
0.46	47	23.5	0.46
0.458	47.2	23.6	0.458
0.456	47.4	23.7	0.456
0.454	47.6	23.8	0.454
0.452	47.8	23.9	0.452
0.45	48	24	0.45
0.448	48.2	24.1	0.448
0.446	48.4	24.2	0.446
0.444	48.6	24.3	0.444
0.442	48.8	24.4	0.442
0.44	49	24.5	0.44

