

General information

Remover name	Maike Denissen - Bamboerin VOF		
Project name	Bamboerin		
Location	Hulsel, NL		
Project code	BBR-L-001		
Area	3.20	ha	
Start year	2023		year of planting
Duration	20	years	estimated permanence of removal and storage
Holding pool	20%		freed up when measurements confirm projection pathways
Project emissions	20%		LCA estimate, or specified when >20%

Per hectare

Baseline TEC	296	tCO2/ha	Soil Organic Carbon and Above Ground Carbon, following CDM AR-ACM0003
Reference capacity	616	tCO2/ha	Using CEDA and Soil sample data
Storage potential	320	tCO2/ha	Projection -/- baseline

Per project

Projected storage	1,023	tCO2	storage potential per ha x area x storage duration 100 year equivalent
LCA emissions	205	tCO2	project related emissions
Net storage potential	819	tCO2	project storage -/- emissions over 20 years

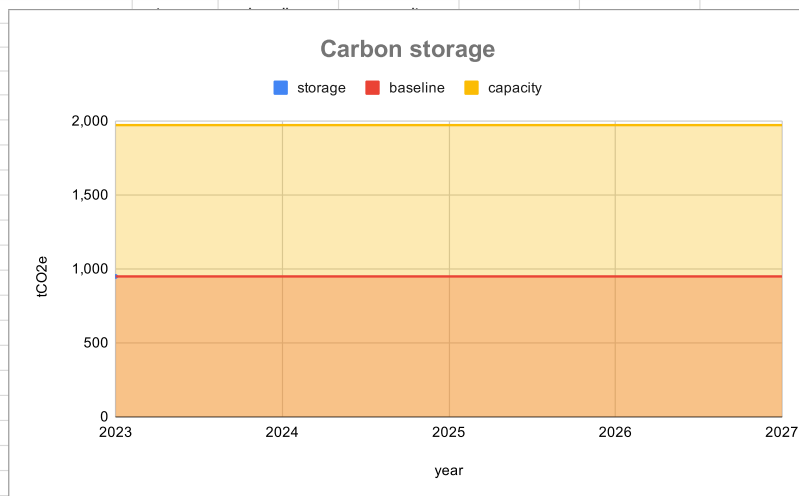
Removal credits issued

Credits first 12 years	491	credits	12/20 x net storage potential
Holding Pool	98	credits	20% of the first 12 years
Credits issued	393	credits	

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Carbon Calculation for	BBR-L-001
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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									
	616	tCO2e/ha	King et al., 2021	https://research.t	Yuen et al., 2017	https://doi.org/10.1016/j.foreco.2017.01.017			
SOC (soil)	30	gC/kg							
AGB (above ground)	199	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
0.488	43.2	21.6	0.488
0.486	43.4	21.7	0.486
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

