

General information

Remover name	Eelco van Putten		
Project code	VPAL003		
Project name	Goeree Overflakkee		
Location	Bouwdijk 21A, 3248 LA Melissant, Netherlands		
Area	37.70	ha	
Start year	2023		
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	175	tCO2/ha	Soil Organic Carbon and Above Ground Carbon, following CDM AR-ACM0003
Reference capacity	298	tCO2/ha	Using CEDA and Soil sample data
Storage potential	123	tCO2/ha	Projection +/- baseline

Per project

Projected storage	4,628	tCO2	storage potential per ha x area
LCA emissions	926	tCO2	project related emissions
Net storage potential	3,703	tCO2	project storage +/- emissions over 20 years

Potential units issued

Units first 12 years	2,222	units	12/20 x net storage potential
Holding Pool	444	units	20% of the first 12 years
Potential units issued	1,778	units	

47.16180371

Field Code	Field name	Size (ha)	Owner
VPA-L-001-10	Leeuwen huiskavel	7.5	Eelco van Putten
VPA-L-001-11	Leeuwen golfbaan	10.8	Eelco van Putten
VPA-L-001-12	Grootenboer	8.8	Eelco van Putten
VPA-L-001-13	N2	10.6	Eelco van Putten
VPA-L-001-R	Reference		Eelco van Putten

#	Field code	Field	Year	Date	Sample depth (cm)	SOC/AGB/REF	Carbon (%)	Size (ha)	AGB (tCO2/ha)	AGB (tBiomass/ha)	Sample/report nr.	Sumproduct	Notes
012	VPA-L-001-10	Leeuwen huiskavel	2023	6/3/2023	25	SOC	1.3	7.5			756323/005987552	9.75	
			2019			AGB		7.5	0	0		0	
013	VPA-L-001-11	Leeuwen golfbaan	2023	6/3/2023	25	SOC	0.9	10.8			756364/005987552	9.72	
			2019			AGB		10.8	33.817215	18.429		365.225922	
014	VPA-L-001-12	Grootenboer	2023	6/3/2023	25	SOC	0.9	8.8			756420/005987552	7.92	
			2019			AGB		8.8	22.02	12		193.776	
015	VPA-L-001-13	N2	2023	6/3/2023	25	SOC	1	10.6			756450/005987552	10.6	
			2019			AGB		10.6	92.117	50.2		976.4402	
	VPA-L-001-R	Reference	2020			REF	1.9	0					

VPA-L-001-10

VPA-L-001-11

VPA-L-001-12

VPA-L-001-13

Leeuwen huiskavel.kml

Leeuwen golfbaan.kml

Grootenboer.kml

N2.kml

Year	Above Ground Biomass (Mg/ha)	Carbon (Mg/ha)	CO2 Equivalent (Mg/ha)
2010	10.750	5.375	19.708
2017	89.000	44.500	163.167
2019	6.750	3.375	12.375
2019	0.000	0.000	0.000
2020	0.000	0.000	0.000
Average	21.300	10.650	39.050

Year	Above Ground Biomass (Mg/ha)	Carbon (Mg/ha)	CO2 Equivalent (Mg/ha)
2010	4.714	2.357	8.653
2017	1.857	0.929	3.405
2018	0.000	0.000	0.000
2019	18.429	9.214	33.786
2020	0.000	0.000	0.000
Average	5.000	2.500	9.167

Year	Above Ground Biomass (Mg/ha)	Carbon (Mg/ha)	CO2 Equivalent (Mg/ha)
2010	0.533	0.267	0.611
2017	16.333	7.367	26.278
2018	7.333	3.667	13.444
2019	12.000	6.000	22.000
2020	0.000	0.000	0.000
Average	6.800	3.400	12.467

Year	Above Ground Biomass (Mg/ha)	Carbon (Mg/ha)	CO2 Equivalent (Mg/ha)
2010	9.850	4.925	17.900
2017	36.700	18.350	72.763
2018	0.000	0.000	0.000
2019	50.200	25.100	92.033
2020	0.000	0.000	0.000
Average	16.960	8.950	36.483

Carbon Calculation for		VPAL003							
Surface	37.7	ha	Fields tab						
Capacity Reference SOC	1.90	SOC %	References tab						
Capacity Reference AGB	10.38	tCO2e/ha	References tab						

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)	1.9	C g/kg	*this was the recored SOC for vd broekAkker-/tuinbouw v.d. Broek in 2020						
AGB (above ground)	10.38	tCO2e/ha	* no change in AGB						

