

General information

Remover name	Gerko Kaput - Akkerbouwbedrijf Kaput		
Project code	AKBL002		
Project name	Akkerbouwbedrijf Kaput 2022		
Location	Hoofdweg 6, 9695 AK Bellingwolde		
Area	72.02	ha	
Start year	2022		
Duration	20	years	project duration
Holding pool	20%		freed up when measurements confirm projection pathways
Project emissions	20%		LCA estimate, or specified when >20%

Per hectare

Baseline TEC	387	tCO2/ha	Soil Organic Carbon and Above Ground Carbon, following CDM AR-ACM0003
Reference capacity	455	tCO2/ha	Using CEDA and Soil sample data
Storage potential	68	tCO2/ha	Projection -/- baseline

Per project

Projected storage	4,875	tCO2	storage potential per ha x area
LCA emissions	975	tCO2	project related emissions
Net storage potential	3,900	tCO2	project storage -/- emissions over 20 years

Potential Carbon Removal Units

Units first 12 years	2,340	units	12/20 x net storage potential
Holding Pool	468	units	20% of the first 12 years
Potential units issued	1,872	units	

#	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
006	AKB-L-002-1	camping_dijkhoff_a.pdf	2022	22/1/2022	25	SOC	3	3.67			731005/005640397	11.01	
		campingdijkhoffa_761324_Kaput	2025	19/3/2025	25	SOC	4.02	3.67			761324/006623571	14.75	
		camping_dijkhoff_b.pdf	2022	22/1/2022	25	SOC	3.6				730966/005640397	13.86	
007	AKB-L-002-2	camping_dijkhoff_b.pdf	2022	22/1/2022	25	SOC	3.6				761320/006623571	12.53	
		19-3-2025 Dijkhof Camping Links	2025	19/3/2025	25	SOC	3.48						
			2020			AGB		7.27	0	0		0.00	
008	AKB-L-002-3	1.5 a.pdf	2022	22/1/2022	25	SOC	3.5	4.3			731008/005640397	15.05	
		1.5 a - 2025.PDF	2025	19/3/2025	25	SOC	4.33	4.3			761390/006623571	18.82	
		1.5 b.pdf	2022	22/1/2022	25	SOC	3.2	3.79			731012/005640397	12.13	
009	AKB-L-002-4	15b_761492_Kaput_9695AK_20	2025	19/3/2025	25	SOC	3.23	3.79			761492/006623571	12.24	
		1.5 c.pdf	2022	22/1/2022	25	SOC	3.9	4.23			731007/005640397	16.50	
		15c_761363_Kaput_9695AK_20	2025	19/3/2025	25	SOC	4.51	4.23			761363/006623571	19.06	
010	AKB-L-002-5		2020			AGB		12.32	0	0		9.00	
		a kavel.pdf	2022	22/1/2022	25	SOC	3.3	11			730555/005640397	36.30	
		a kavel - 2025.pdf	2025	19/3/2025	25	SOC	2.53	11			761479/006623571	27.83	
011	AKB-L-002-6		2020			AGB		11	0	0		0.00	
		vriescheloo klei.pdf	2022	22/1/2022	25	SOC	3.4	13.9			730574/005640397	47.26	
		vriescheloo klei - 2025.pdf	2025	19/3/2025	25	SOC	3.15	13.9			761389/006623571	43.79	
012	AKB-L-002-7	vriescheloo zand a beton.pdf	2022	22/1/2022	25	SOC	3	6.34			730576/005640397	19.02	
		vriescheloo zand a beton.pdf	2025	19/3/2025	25	SOC	3.69	6.34			761374/006623571	23.39	
		vriescheloo zand Kralbeek.pdf	2022	22/1/2022	25	SOC	4.4	3.76 [1]			730574/005640397	16.54	
013	AKB-L-002-8	vriescheloo zand Kralbeek.pdf	2022	22/1/2022	25	SOC	4.4	3.76 [1]			761543/006623571	11.97	
		vriescheloo zand Kralbeek.pdf	2025	19/3/2025	25	SOC	3.9	3.76					
			2020			AGB		24	0	0		0.00	
014	AKB-L-002-9	kunstmeestoods a.pdf	2022	22/1/2022	25	SOC	3.6	4.8 [2]			732071/005640397	17.28	
		kunstmeestoods_a_761329_Kaput	2025	19/3/2025	25	SOC	4.02	4.8			761329/006623571	19.30	
		kunstmeestoods b.pdf	2022	22/1/2022	25	SOC	3.4	4.02 [3]			731069/005640397	13.67	
015	AKB-L-002-10	kunstmeestoodsb_761466_Kaput	2025	19/3/2025	25	SOC	3.44	4.02 [4]			761466/006623571	13.83	
		kunstmeestoods c.pdf	2022	22/1/2022	25	SOC	3	3.29 [5]			730966/005640397	9.87	
		kunstmeestoodsd_761325_Kaput	2025	19/3/2025	25	SOC	3.26	3.29			761325/006623571	10.73	
016	AKB-L-002-11	kunstmeestoods d.pdf	2022	22/1/2022	25	SOC	3.4	5.32 [6]			730960/005640397	18.09	
		2025 - kunstmeestoods d.PDF	2025	19/3/2025	25	SOC	3.53	5.32 [7]			761325/006623571	18.78	
			2020			AGB		18.07 [8]	0	0		0.00	
017	AKB-L-001-3	1.4 kavel.pdf	2021	10/1/2021		REF	4.4	3.76			706574/005287831	16.54	
		landuut lethe.pdf	2020	2020		AGB		4	79.633496	43.397		318.53308	

Carbon Calculation for		AKBL002									
Surface	72.02	ha	Fields tab								
Capacity Reference SOC	4.40	SOC %	References tab								
Capacity Reference AGB	4.00	tCO2e/ha	References tab								
	2022		2025		2028		2026		2027		
Measurement average	3.42	SOC %	3.62	SOC %	#DIV/0!	SOC g/kg	#DIV/0!	SOC g/kg	#DIV/0!	SOC g/kg	
Sample depth	25	cm	25	cm	#DIV/0!	cm	#DIV/0!	cm	#DIV/0!	cm	
Calculation depth	25	cm	25	cm		30	cm		30	cm	
Soil density	1.222	g/cm3	1.576	g/cm3	#DIV/0!	g/cm3	#DIV/0!	g/cm3	#DIV/0!	g/cm3	
SOC (soil carbon) / ha	383	tCO2e/ha	523	tCO2e/ha	#DIV/0!	tCO2e/ha	#DIV/0!	tCO2e/ha	#DIV/0!	tCO2e/ha	
AGB (above ground) / ha	4.00	tCO2e/ha	4.00	tCO2e/ha	#DIV/0!	tCO2e/ha	#DIV/0!	tCO2e/ha	#DIV/0!	tCO2e/ha	
Storage current	27,888	tCO2e	37,976	tCO2e	#DIV/0!	tCO2e	#DIV/0!	tCO2e	#DIV/0!	tCO2e	
Storage capacity	32,764	tCO2e	32,764	tCO2e	5,757	tCO2e	5,757	tCO2e	5,757	tCO2e	

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)	4.4	C g/kg	* L 4 kanaal field reference						
AGB (above ground)	4.00	tCO2e/ha	* no change in AGB						

[1] Note that this is a conservative assumption, there is no official ha size on the eurofins document

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