

General information

Remover name	Maatschap de Boer – Talsma		
Project code	PBT-L-001		
Project name	Paulownia de Boer–Talsma		
Location	Stiens, The Netherlands		
Area	2.22	ha	
Starting year	2025		
Duration	10	years	project duration
Biodiversity holding	0%		fruit trees planted (100 extra)
Holding pool	20%		freed up when measurements confirm projection pathways
Project emissions	20%		LCA estimate, or specified when >20%

Per hectare

Baseline TEC	258	tCO2/ha	Soil Organic Carbon and Above Ground Carbon, following CDM AR-ACM0003
Reference capacity	554	tCO2/ha	Using CEDA and Soil sample data
Storage potential	296	tCO2/ha	Projection -/- baseline

Per project

Projected storage	656	tCO2	storage potential per ha x area x storage duration 100 year equivalent
LCA emissions	131	tCO2	project related emissions
Net storage potential	524	tCO2	project storage -/- emissions over 20 years

Potential Carbon Removal Units

Units first 10 years	262	units	10/20 x net storage potential
Holding Pool	52	units	20% of the first 12 years
Biodiversity holding pool	0	units	
Potential units issued	210	units	

Field Code	Field name	Size (ha)	Owner	
A	Perceel HUM00 G 1584/1585	2.215	Maatschap de Boer – Talsma	

[illegible]

Carbon Calculation for		PBT-L-001							
Surface	2.215 ha	Fields tab							
Capacity Reference SOC	350 tCO2/ha	References tab							
Capacity Reference AGB	204 tCO2e/ha	References tab							
	2025		2028		2031		2034		2037
Measurement average	16.60 SOC g/kg	#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	1.402 g/cm3	#DIV/0!	g/cm3	#DIV/0!	g/cm3	#DIV/0!	g/cm3	#DIV/0!	g/cm3
SOC (soil carbon) / ha	256 tCO2e/ha	#DIV/0!	tCO2e/ha	#DIV/0!	tCO2e/ha	#DIV/0!	tCO2e/ha	#DIV/0!	tCO2e/ha
AGB (above ground) / ha	2.12 tCO2e/ha	#DIV/0!	tCO2e/ha	#DIV/0!	tCO2e/ha	#DIV/0!	tCO2e/ha	#DIV/0!	tCO2e/ha
Storage current	572 tCO2e	#DIV/0!	tCO2e	#DIV/0!	tCO2e	#DIV/0!	tCO2e	#DIV/0!	tCO2e
Storage capacity	1,227 tCO2e		4,204 tCO2e		4,204 tCO2e		4,204 tCO2e		4,204 tCO2e

[illegible]

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

