

General information

Remover name	Anno van Giesbers		
Project code	PWWL003		
Project name	Paulownia - Wieringerwaard		
Location	Limanu, Romania		
Startyear	2022		
Area	3.43	ha	
Duration	10	years	estimated permanence of removal and storage
Diversity holding	20%		freed up when additional tree species are planted
Holding pool	20%		freed up when measurements confirm projection pathways
Project emissions	20%		LCA estimate, or specified when >20%

Per hectare

Baseline TEC	237	tCO2/ha	Soil Organic Carbon and Above Ground Carbon, following CDM AR-ACM0003
Reference capacity	466	tCO2/ha	Using CEDA and Soil sample data
Storage potential	228	tCO2/ha	Projection -/- baseline

Per project

Projected storage	783	tCO2	storage potential per ha x area x storage duration 100 year equivalent
LCA emissions	157	tCO2	project related emissions
Net storage potential	626	tCO2	project storage -/- emissions over 20 years

Removal credits issued

Credits first 10 years	313	units	12/20 x net storage potential
Diversity holding	63	units	20%
Holding Pool	63	units	20%
Credits issued	188	units	

Field Code	Field name	Size (ha)	Owner	
4a	4a paulownia	0.43	Wieringerwaard BV	
3a	3a paulownia	3	Wieringerwaard BV	

[illegible]

Carbon Calculation for		PWWL003							
Surface	3.43	ha	Fields tab						
Capacity Reference SOC	350	tCO2e/ha	References tab						
Capacity Reference AGB	116	tCO2e/ha	References tab						
	2022		2027		2030		2033		2036
Measurement average	15	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	30	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	1.42	g/cm3	#DIV/0!	g/cm3	#DIV/0!	g/cm3	#DIV/0!	g/cm3	#DIV/0! g/cm3
SOC (soil carbon) / ha	234	tCO2e/ha	#DIV/0!	tCO2e/ha	#DIV/0!	tCO2e/ha	#DIV/0!	tCO2e/ha	#DIV/0! tCO2e/ha
AGB (above ground) / ha	3.17	tCO2e/ha	#DIV/0!	tCO2e/ha	#DIV/0!	tCO2e/ha	#DIV/0!	tCO2e/ha	#DIV/0! tCO2e/ha
Storage current	815	tCO2e	#DIV/0!	tCO2e	#DIV/0!	tCO2e	#DIV/0!	tCO2e	#DIV/0! tCO2e
Storage capacity	1,597	tCO2e	1,597	tCO2e	1,597	tCO2e	1,597	tCO2e	1,597 tCO2e
	storage	baseline	capacity						
2022	815	815	1,597						
2027	#DIV/0!	815	1,597						
2030	#DIV/0!	815	1,597						
2033	#DIV/0!	815	1,597						
2036	#DIV/0!	815	1,597						

[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

