

General information

Remover name	Lucas Gavioli		
Project code	BOAL001		
Project name	Buena Onda Agroflorestal		
Location	Jaguari, Rio Grande do Sul, Brasil		
Area	0.84	ha	
Starting year	2024		
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	173	tCO2/ha	Soil Organic Carbon and Above Ground Carbon, following CDM AR-ACM0003
Reference capacity	336	tCO2/ha	Using CEDA and Soil sample data
Storage potential	163	tCO2/ha	Projection +/- baseline

Per project

Projected storage	137	tCO2	storage potential per ha x area
LCA emissions	27	tCO2	project related emissions
Net storage potential	109	tCO2	project storage +/- emissions over 20 years

Potential Carbon Removal Units

Units first 12 years	66	units	12/20 x net storage potential
Holding Pool	13	units	20% of the first 12 years
Potential units issued	53	units	

[illegible]

#	Field code	Field	Year	Date	Sample depth	SOC/AGB/REF	SOC (%)	AGB (tCO2/ha)	AGB (tBiomass/ha)	Ha	Sum Product	Notes
003	BOA-L01-R02	Baseline Degraded (Start)	2024	27/08/2024	30	SOC	1.07			0.84	0.90	
002	BOA-L01-A01	Agroforestry (blueberries)					1.32			0.84	1.11	
004	BOA-L01-A01	Agroforestry (blueberries)	2024	01/01/2020	30	AGB		0	0.00	0.84	0.00	
001	BOA-L01-R01	Reference Forest	2024	27/08/2024	30	REF	2.28			0.84	1.91	
005	BOA-L01-R03	Reference Forest	2020	01/01/2020	30	REF		0.00	0.00	0.84	0.00	

[illegible]

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)	2.28	C g/kg							
AGB (above ground)	0.00	tCO2e/ha							

