

PalmGHG Summary Report

Mill	: Extractora Tequendama	Address	: Cra 1 No 22-58 Piso 11
Company		District/City	: Santa Marta
Group	: C.I. Tequendama S.A.S.	State	: Magdalena
First Assessment Year	: DAABON	Post Code	: 00000
Year of Assessment	: 2014	Country	: Colombia
	: 2016	Telephone/Fax	: /
		Contact Person	: Stuly Quinto
		Email	: squinto@daabon.com.co

Final emissions value per product

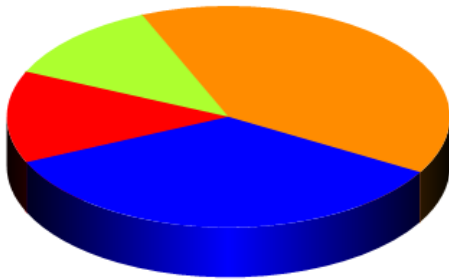
	tCO ₂ e/t product		tCO ₂ e/t product
CPO	-0.40	PKO	0.00
PK	-0.40	PKE	0.00

Overall emissions summary

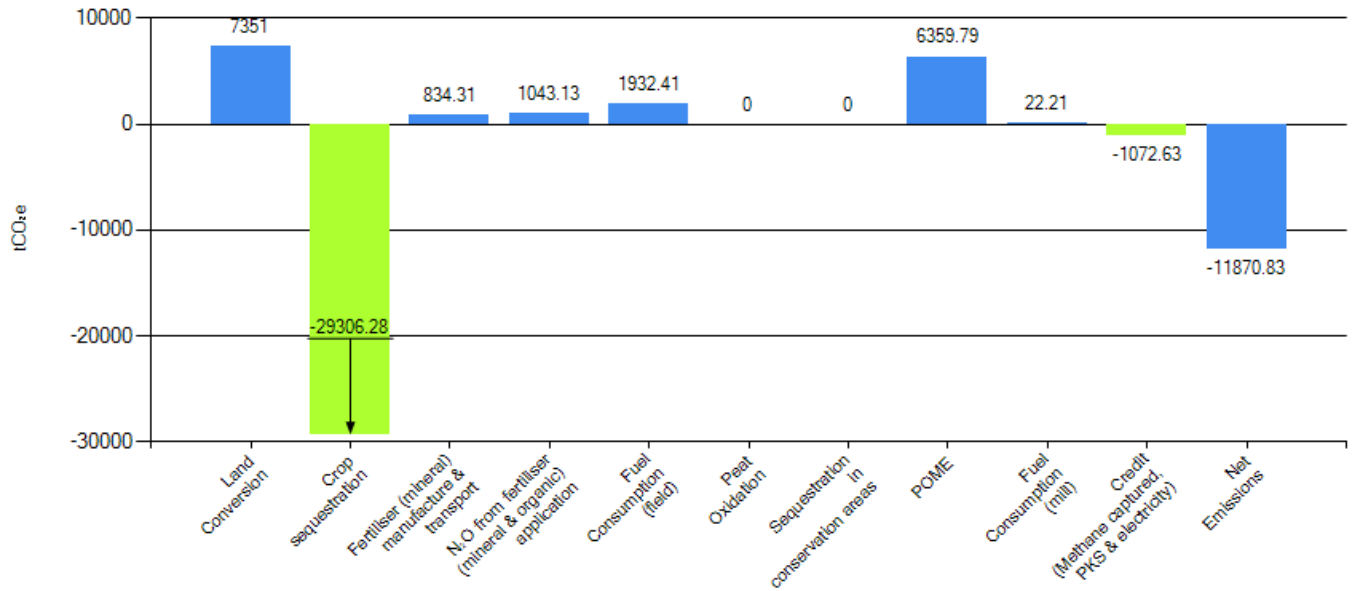
	Own Crop	Group	Outgrower
Total field emissions (tCO ₂ e)	-6694.21	-7925.14	-3526.08
Total mill emissions (tCO ₂ e)	6274.60		

Emissions :

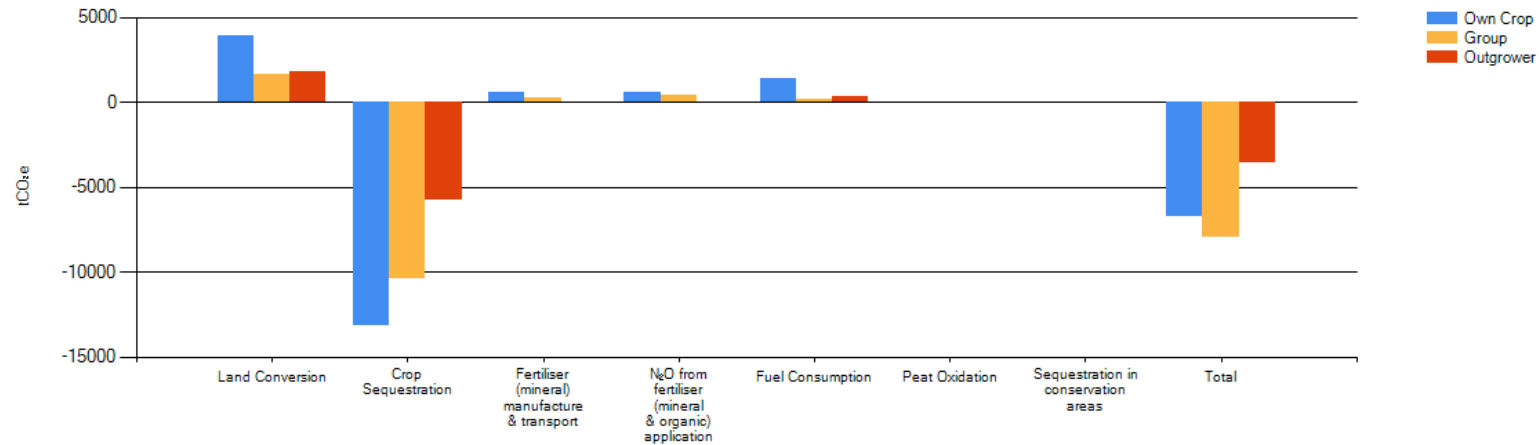
- Field Emission (Own Crop) 34.93 %
- Field Emission (Group) 13.43 %
- Field Emission (Outgrower) 11.94 %
- Mill Emission 39.7 %



Emission sources/sinks :



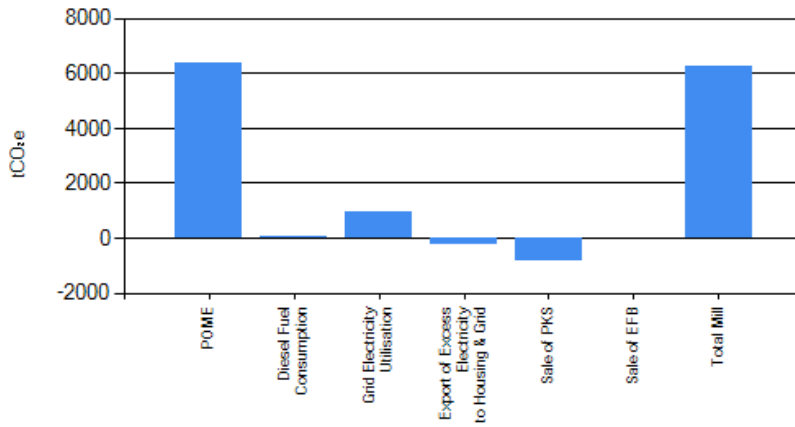
Field Emissions :



Plantation/field emissions and sinks

	Own Crop			Group			Outgrower		
	tCO ₂ e	tCO ₂ e/ha	tCO ₂ e/t FFB	tCO ₂ e	tCO ₂ e/ha	tCO ₂ e/t FFB	tCO ₂ e	tCO ₂ e/ha	tCO ₂ e/t FFB
Emissions Sources									
Land Conversion	3898.91	1.25	0.06	1615.92	1.29	0.07	1836.17	1.25	0.08
Fertiliser (mineral) manufacture & transport	588.16	0.19	0.01	246.15	0.20	0.01	0	0	0
N ₂ O from fertiliser (mineral & organic) application	605.23	0.19	0.01	437.90	0.35	0.02	0	0	0
Fuel Consumption	1373.09	0.44	0.02	186.23	0.15	0.01	373.09	0.25	0.02
Peat Oxidation	0	0	0	0.00	0	0	0	0	0
Sinks									
Crop Sequestration	-13159.60	-4.21	-0.22	-10411.34	-8.32	-0.46	-5735.34	-3.89	-0.25
Sequestration in conservation areas	0	0	0	0.00	0	0	0	0	0
Total	-6694.21	-2.14	-0.11	-7925.14	-6.33	-0.35	-3526.08	-2.39	-0.15

Mill Emissions :



Mill Emissions and Credits

<u>Emissions Sources</u>	tCO ₂ e	tCO ₂ e/t FFB
POME	6359.79	0.06
Fuel Consumption	22.21	0.00
Grid Electricity Utilisation	965.22	0.01
Credits		
Export of Excess Electricity to Housing & Grid	-233.17	0.00
Sale of PKS	-839.46	-0.01
Sale of EFB	0	0
Total	6274.60	0.06

Emissions from Palm Kernel Crusher :

<u>Emission Sources</u>	tCO ₂ e
PK from own mill	-2202.59
PK from other sources	0
Fuel consumption	0.00
Total crusher emissions	-2202.59