



Data Input (Bilala Palm Oil Mill - 2022 Summary)

- FFB
- Extraction
- PK Crushing
- PKS
- POME
- Electricity
- Mill Fuel
- EFB
- Compost
- Summary (Mill)

Summary Emission

Print as PDF

Calculation Sheet

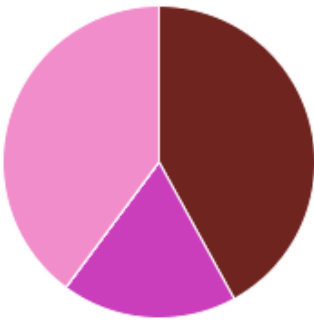
| Product | tCOe2 / tProduct | Action |
|---------|------------------|--------|
| CPO | -5.11 | |
| PK | -5.11 | |
| PKO | -5.92 | |
| PKE | -5.92 | |

FieldEmissionOwnCrop

MillEmission

FieldEmissionThirdParty

FieldEmissionGrou

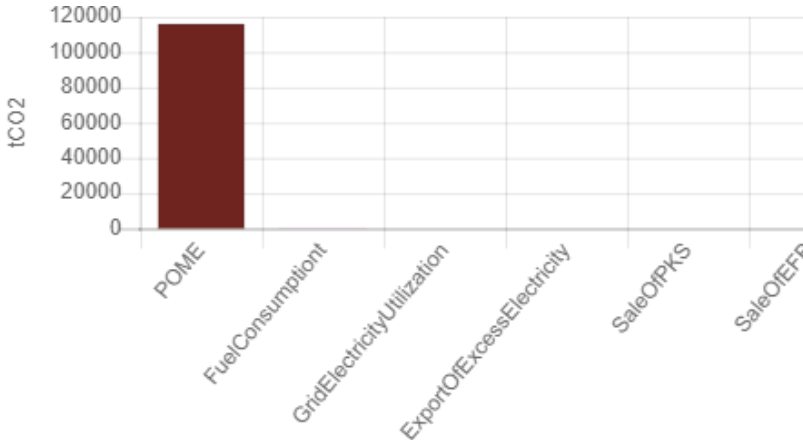


| Description | Unit | Value | Action |
|----------------------------------|------|----------|--------|
| Oil palm planted on mineral soil | Ha | 50748.95 | |
| Oil palm planted area on peat | Ha | 0.00 | |
| Total oil palm planted area | Ha | 50748.95 | |
| Conservation area (Forested) | Ha | 66771.00 | |
| Conservation area (Non-Forested) | Ha | 42713.90 | |
| FFB Production per hectarage | t/ha | 6.39 | |
| OER | % | 25.05 | |
| KER | % | 4.19 | |







Mill Emissions and Credits

| Description | tCO2 | tCO2e/t FFB | Action |
|--|-----------|-------------|--------|
| Emission Sources | | | |
| POME | 116377.74 | 0.43 | |
| Fuel Consumption | 290.94 | 0.00 | |
| Grid Electricity Utilisation | 0.00 | 0.00 | |
| Credits | | | |
| Export of Excess Electricity to Housing & Grid | 0.00 | 0.00 | |
| Sale of PKS | 0.00 | 0.00 | |
| Sale of EFB | 0.00 | 0.00 | |
| Total | 116668.69 | 0.43 | |

Emission Source/Credit



Estate/Plantation field emissions and sinks

| | Own | | | Group | | | 3rd Party | | | | |
|-------------------------------|-----------|----------|-------------|----------|----------|-------------|-----------|----------|-------------|-----------|---|
| Description | tCO2e | tCO2e/ha | tCO2e/t FFB | tCO2e | tCO2e/ha | tCO2e/t FFB | tCO2e | tCO2e/ha | tCO2e/t FFB | Total | |
| Emission Source | | | | | | | | | | | |
| Land Conversion | 285660.88 | 11.45 | 1.60 | 13050.86 | 0.51 | 0.14 | 0.00 | 0.00 | 0.00 | 298711.74 |  |
| CO2 Emissions from Fertiliser | 12671.55 | 0.51 | 0.07 | 6666.04 | 0.26 | 0.07 | 0.00 | 0.00 | 0.00 | 19337.60 |  |
| N2O Emissions from Peat | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |  |
| N2O Emissions from Fertiliser | 6625.09 | 0.27 | 0.04 | 3706.43 | 0.14 | 0.04 | 0.00 | 0.00 | 0.00 | 10331.53 |  |
| Fuel Consumption | 9784.27 | 0.39 | 0.05 | 4433.48 | 0.17 | 0.05 | 0.00 | 0.00 | 0.00 | 14217.75 |  |
| Peat Oxidation | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |  |
| Sinks | | | | | | | | | | | |



Home Page

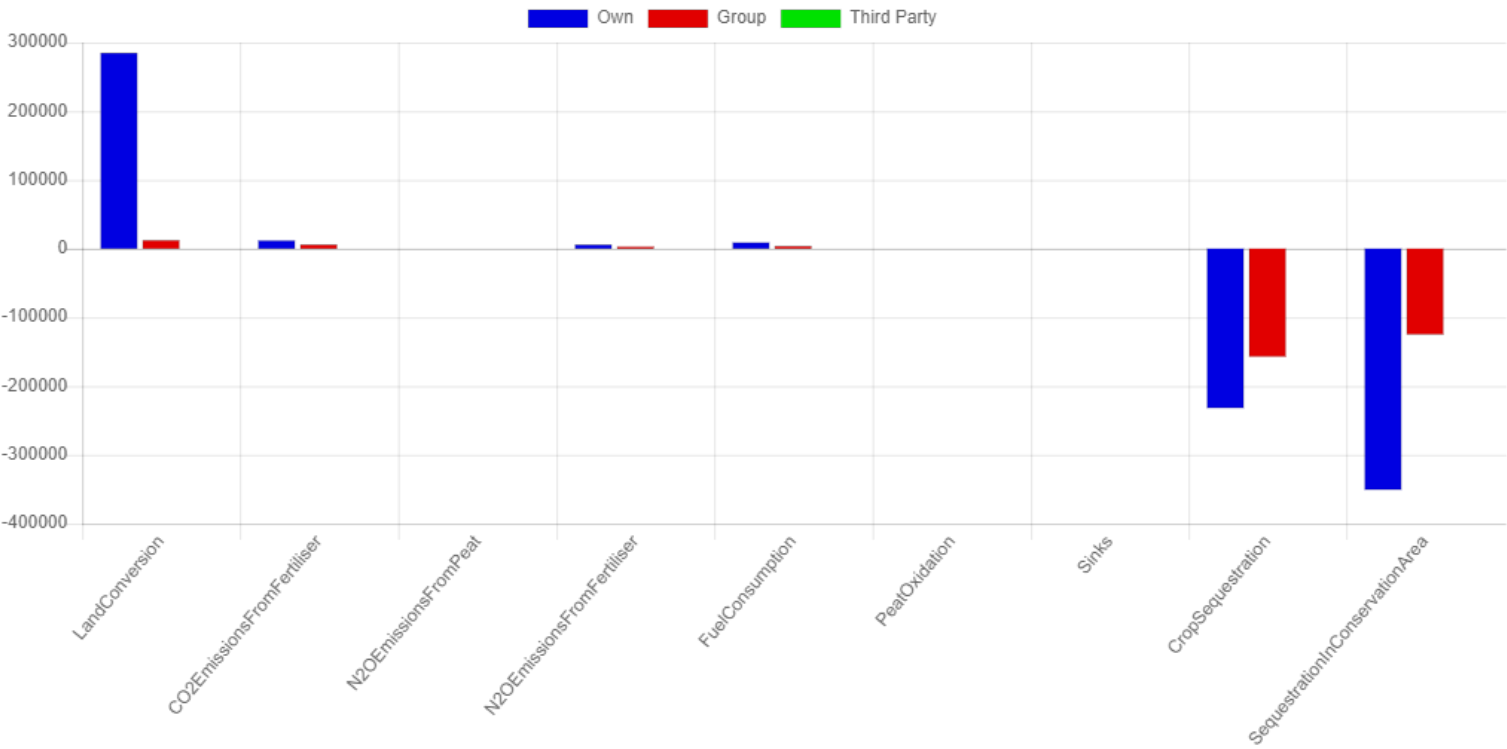
Company

Mills

Users

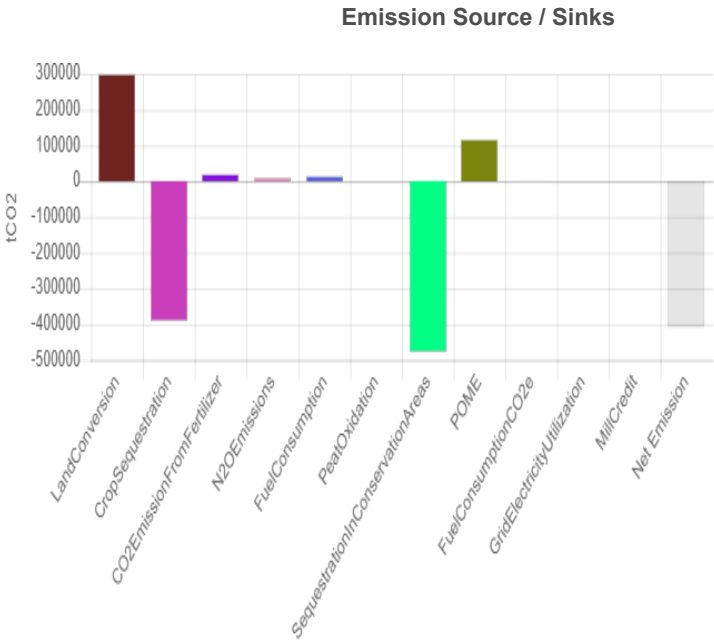
| | Own | | | Group | | | 3rd Party | | | | |
|------------------------------------|------------|----------|-------------|------------|----------|-------------|-----------|----------|-------------|------------|--|
| Description | tCO2e | tCO2e/ha | tCO2e/t FFB | tCO2e | tCO2e/ha | tCO2e/t FFB | tCO2e | tCO2e/ha | tCO2e/t FFB | Total | |
| Crop Sequestration | -232809.96 | -9.33 | -1.30 | -157921.60 | -6.12 | -1.66 | 0.00 | 0.00 | 0.00 | -390731.57 | |
| Sequestration in Conservation Area | -351626.88 | -14.10 | -1.97 | -125686.98 | -4.87 | -1.32 | 0.00 | 0.00 | 0.00 | -477313.86 | |
| Total | -269695.05 | -10.81 | -1.51 | -255751.77 | -9.91 | -2.69 | 0.00 | 0.00 | 0.00 | -525446.82 | |

Field Emission and Sinks



Emissions from Palm Kernel Crusher

| Emission Source | tCO2e |
|-------------------------|-----------|
| PK from own mill | -50662.78 |
| PK from other sources | 0.00 |
| Fuel Consumption | 124.69 |
| Total Crusher Emissions | -50538.09 |



FFB Supplier

| No. | Supplier Name | FFB Production by Estate/Plantation (t) | FFB Supplied by Estate/Plantation (t) | Percentage of FFB supplied by Estate/Plantation (%) | Action |
|-----|---------------|---|---------------------------------------|---|--------|
| 1 | Mouila Lot 1 | 145657.94 | 144948.82 | 99.51 | |
| 2 | Mouila Lot 2 | 33740.45 | 33740.45 | 100.00 | |
| 3 | Mouila Lot 3 | 103535.93 | 72595.26 | 70.12 | |
| 4 | Ndende | 41478.49 | 22344.79 | 53.87 | |