



**REPORT:**  
**GREENHOUSE GAS EMISSIONS - GHG**  
**C.I. TEQUENDAMA S.A.S.**  
**PALMA Y TRABAJO S.A.S.**  
**2022**

Version: 01

Effective from:  
14/07/2023

Pages 1 de 4

<b>Prepared by:</b>	Stuly Quinto – Environmental Management Chief
<b>Reviewed by:</b>	Carolina Torrado – Sustainable Director
<b>Approved by:</b>	Felipe Guerrero – Executive Vicepresident

## 1. SCOPE OF THE REPORT

This report includes Greenhouse Gas Emissions (GHG) from all of Daabon Group's palm operations:

- C.I. TEQUENDAMA S.A.S. (Own crops - Extraction Plant - Refinery)
- PALMA Y TRABAJO S.A.S. (Extraction Plant) - OLEAGINOSAS DEL YUMA S.A.S. (Crops)
- Third-party palm fruit supplier plantations

Emissions are measured in the following scopes:

- Scope 1: Direct emissions
- Scope 2: Indirect emissions

## 2. EMISSIONS C.I. TEQUENDAMA S.A.S. - PALMA Y TRABAJO S.A.S. - YEAR 2022 - SCOPES 1 AND 2.

**Table 1. Emissions, Credits, and Sinks for C.I. TEQUENDAMA S.A.S. – 2022**

<b>C.I. TEQUENDAMA S.A.S. 2022</b>		
<b>EMISSIONS AND CREDITS FROM THE EXTRACTION MILL</b>		
Description	tCO <sub>2</sub>	tCO <sub>2</sub> e/tRFF
POME*	1152.62	0.02
Fuel Consumption	930.36	0.01
Grid Electricity Use	0	0
<b>Total</b>	<b>2449.1</b>	<b>0.03</b>
<b>Credits</b>		
PKS Sales	-3988.38	-0.06
<b>TOTAL</b>		<b>-0.02</b>
<b>EMISSIONS AND SINKS FROM OWN AND THIRD-PARTY PLANTATIONS</b>		
Description	tCO <sub>2</sub>	tCO <sub>2</sub> e/tRFF
Land Conversion	17609.84	0.30
Fertilizer CO <sub>2</sub> Emissions	145.14	0.00
Fertilizer N <sub>2</sub> O Emissions	0	0
Fuel Consumption	4697.93	0.08
<b>Total</b>	<b>22452.91</b>	<b>0.38</b>
<b>SINK</b>		
Crop Sequestration	-28725.82	-0.49
Sequestration in Conservation Area	-4942.02	-0.08
<b>Total</b>	<b>-33667.84</b>	<b>0.57</b>
<b>TOTAL</b>		<b>-0.19</b>

\*POME - Palm oil mill effluent



**REPORT:**  
**GREENHOUSE GAS EMISSIONS - GHG**  
**C.I. TEQUENDAMA S.A.S.**  
**PALMA Y TRABAJO S.A.S.**  
**2022**

Version: 01

Effective from:  
14/07/2023

Pages 2 de 4

**Table 2. Refinery Emissions for C.I. TEQUENDAMA S.A.S. in 2022.**  
**Scopes 1 and 2.**

<b>C.I. TEQUENDAMA S.A.S. 2022</b>		
<b>REFINERY EMISSIONS</b>		
Description	tCO <sub>2</sub>	tCO <sub>2</sub> e/tRFF
Wastewater Treatment System	26,44	0,001
Fuel Consumption	3304,54	0,12
Grid Electricity Use	446,77	0,016
Chemical Inputs Use in the Process	38,67	0,001
<b>Total</b>	<b>3816,43</b>	<b>0,13</b>

**Table 3. Emissions, Credits, and Sinks for PALMA Y TRABAJO - OLEGINOSAS DEL YUMA S.A.S. - 2022 (Scopes 1 and 2)**

<b>PALMA Y TRABAJO S.A.S. 2022</b>		
<b>EMISSIONS AND CREDITS FROM THE EXTRACTION MILL</b>		
Description	tCO <sub>2</sub>	tCO <sub>2</sub> e/tRFF
POME	18021.23	0.17
Fuel Consumption	126.54	0.00
Grid Electricity Use	306.49	0.00
<b>Total</b>	<b>18454.26</b>	<b>0.18</b>
<b>TOTAL</b>		<b>0.18</b>
<b>EMISSIONS AND SINKS FROM OWN AND THIRD-PARTY PLANTATIONS</b>		
Description	tCO <sub>2</sub>	tCO <sub>2</sub> e/tRFF
Land Conversion	28715.21	0.93
Fertilizer CO <sub>2</sub> Emissions	84.09	0.00
Fertilizer N <sub>2</sub> O Emissions	0	0
Fuel Consumption	126.73	0.00
<b>Total</b>	<b>28926.03</b>	<b>0.93</b>
<b>SINK</b>		
Crop Sequestration	-26961.13	-0.87
Sequestration in Conservation Area	0	0
<b>Total</b>	<b>1964.90</b>	<b>-0.87</b>
<b>TOTAL</b>		<b>0.06</b>

\*POME - Palm oil mill effluent

### **3. COMPLIANCE WITH REDUCTION OBJECTIVES**

Daabon Group established its overarching goal to achieve **net-zero emissions** by 2030 for C.I. TEQUENDAMA S.A.S. and PALMA Y TRABAJO S.A.S. They set the following reduction objectives for the five-year period from 2021 to 2025. Reduction objectives were established based on emissions intensity.



**REPORT:**  
**GREENHOUSE GAS EMISSIONS - GHG**  
**C.I. TEQUENDAMA S.A.S.**  
**PALMA Y TRABAJO S.A.S.**  
**2022**

Version: 01

Effective from:  
14/07/2023

Pages 3 de 4

**Table 4. Reduction Goals - Emissions Intensity.**

Site		Goals – (Emissions Intensity)					
		Year 0 2020	Year 1 2021	Year 2 2022	Year 3 2023	Year 4 2024	Year 5 2025
C.I. TEQUENDAMA S.A.S.	Extraction Mill	Year 0	Year 0- 0,5%	Year 1 - 0,5%	Year 2- 0,5%	Year 3 - 0,5%	Year 4 - 0,5%
	Refinery		Year 0- 0,5%	Year 1 - 0,5%	Year 2 - 0,5%	Year 3 - 0,5%	Year 4 - 0,5%
PALMA Y TRABAJO S.A.S.	Extraction Mill		Year 0- 0,5%	Year 1 - 0,5%	Year 2 - 0,5%	Year 3 - 0,5%	Year 4 - 0,5%

**Table 5. Net Emissions Intensity for C.I. TEQUENDAMA S.A.S. - PALMA Y TRABAJO S.A.S. 2022**

Site		Net Emissions 2022
C.I. TEQUENDAMA S.A.S.	Crops (tCO2e/t RFF)	-0,19
	Extraction Mill (tCO2e/t RFF)	-0,02
PALMA Y TRABAJO S.A.S.	Crops (tCO2e/t RFF)	0,18
	Extraction Mill (tCO2e/t RFF)	0,06

**Table 6. Emissions Report C.I. TEQUENDAMA S.A.S. - PALMA Y TRABAJO S.A.S. Years 2021 - 2022**

Site		Emissions	
		2021	2022
C.I. TEQUENDAMA S.A.S.	Crops (tCO2e/t RFF)	0,31	0,38**
	Extraction Mill (tCO2e/t RFF)	0,04	0,04
	Refinery (tCO2e/t ARBD)	0,29	0,13
PALMA Y TRABAJO S.A.S.	Crops (tCO2e/t RFF)	0,80	0,93**
	Extraction Mill (tCO2e/t RFF)	0,27	0,18

*\*\*In the case of C.I. TEQUENDAMA S.A.S., the processes of crop eradication and early renewal due to the impact of Bud Rot disease in the northern region of Colombia have put plantations in an atypical operational state, as they have been declared in a state of health emergency, which has increased emissions related to land conversion mainly. Based on this, it is not feasible to establish short-term reduction objectives until the plantation operation conditions return to normal. However, when calculating emission balances, the net emissions for both cases are below zero (0 tCO2e/t RFF) as shown in **Tables 5 and 6**. OLEAGINOSAS DEL YUMA S.A.S. is also undergoing crop renewal processes due to the Bud Rot disease, similar to C.I. TEQUENDAMA S.A.S.*

**Table 5. Greenhouse Gas Emissions Reduction (Intensity)**

Site		Emissions Reduction	
		2022	% Reduction
C.I. TEQUENDAMA S.A.S.	Extraction Mill (tCO2e/t RFF)	0,03	>0,5%
	Refinery (tCO2e/t ARBD)	0,13	>0,5%
PALMA Y TRABAJO S.A.S.	Extraction Mill (tCO2e/t RFF)	0,18	>0,5%



**REPORT:**  
GREENHOUSE GAS EMISSIONS - GHG  
C.I. TEQUENDAMA S.A.S.  
PALMA Y TRABAJO S.A.S.  
2022

Version: 01

Effective from:  
14/07/2023

Pages 4 de 4

For any additional information requirements, please contact us at the email address [infosostenibilidad@daabon.com.co](mailto:infosostenibilidad@daabon.com.co)

**CHANGE CONTROL:**

VERSION	REASON	RESPONSABLE	DATE
01	Document creation	Stuly Quinto	12/07/2023