

# CARBOMA

Largest producer of coke  
low phosphorus from Colombia.



# Who we are

**Colombian Company** focus on the quest, obtaining and management of mineral resources.

We are an ally of Colombian and foreign companies that require our products and services in their processes, adding value to the industry.

Maintaining the balance with the environment and the communities where we have influence.



# Our Organization

CARBOMA 

Commercialization of mineral resource products.

CARBOMAS 

Exploration and Exploitation of Minerals

INDUMA 

Transformation of minerals Industrial processes.

METALMA 

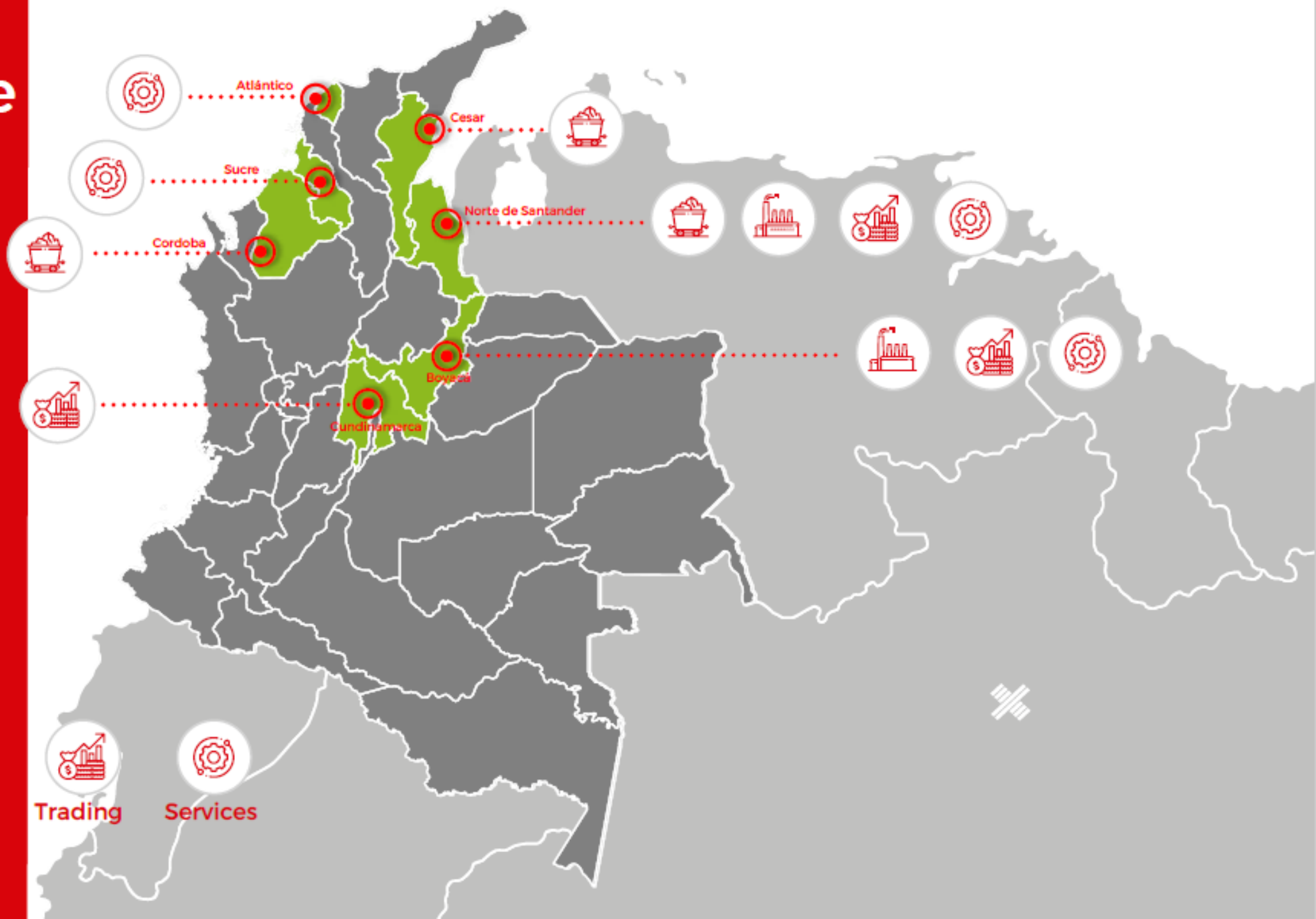
Production of metal concentrates.

MAQUIMA 

Machinery management and operation services, operating leasing and execution.



# Where we are



Mining



Industry



Trading



Services

# End User



2019  
420.394  
TONS

2020  
500.000  
TONS



México



Guatemala



Brasil



LCC GROUP

TRAFIGURA

España  
Ferroatlántica

Finlandia  
outokumpu

Bélgica  
Hargreaves

SARAYEK

Arabia Saudita

India



Japón  
JFE

Albania

# National Clients



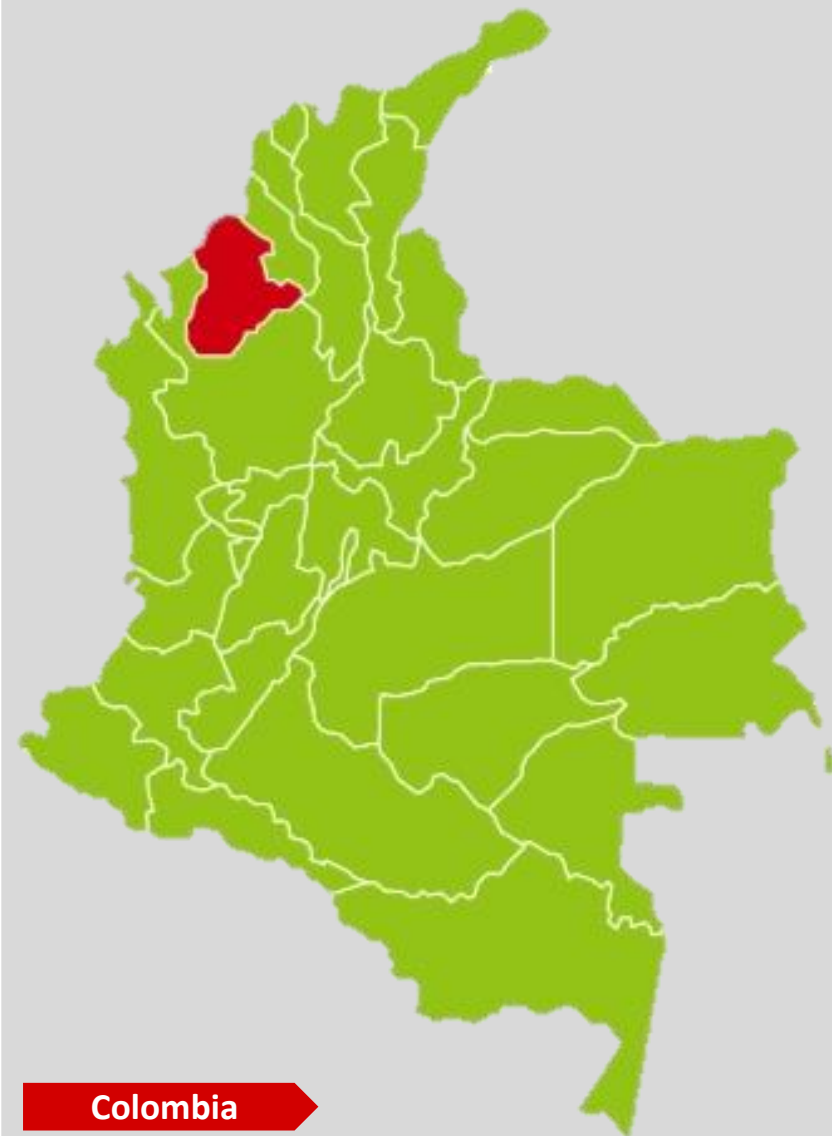
CARBOMAS 

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MINE EL CAMPANO



# OVERVIEW



Colombia



Puerto Libertador

## Mina Campano

Title	FKG - 107
Type of contract	Concession Contract
Area	1105Ha+7021m2
Validity	31/08/2005-30/08/2035
P.T.O.	AutoParm-0264-30-03-2016
Environmental license	Res-2-3681 of 25/08/2017

CARBOMAS 





# MINA CAMPANO

MINING OPERATOR:  
CARBOMAX DE  
COLOMBIA S.A.S

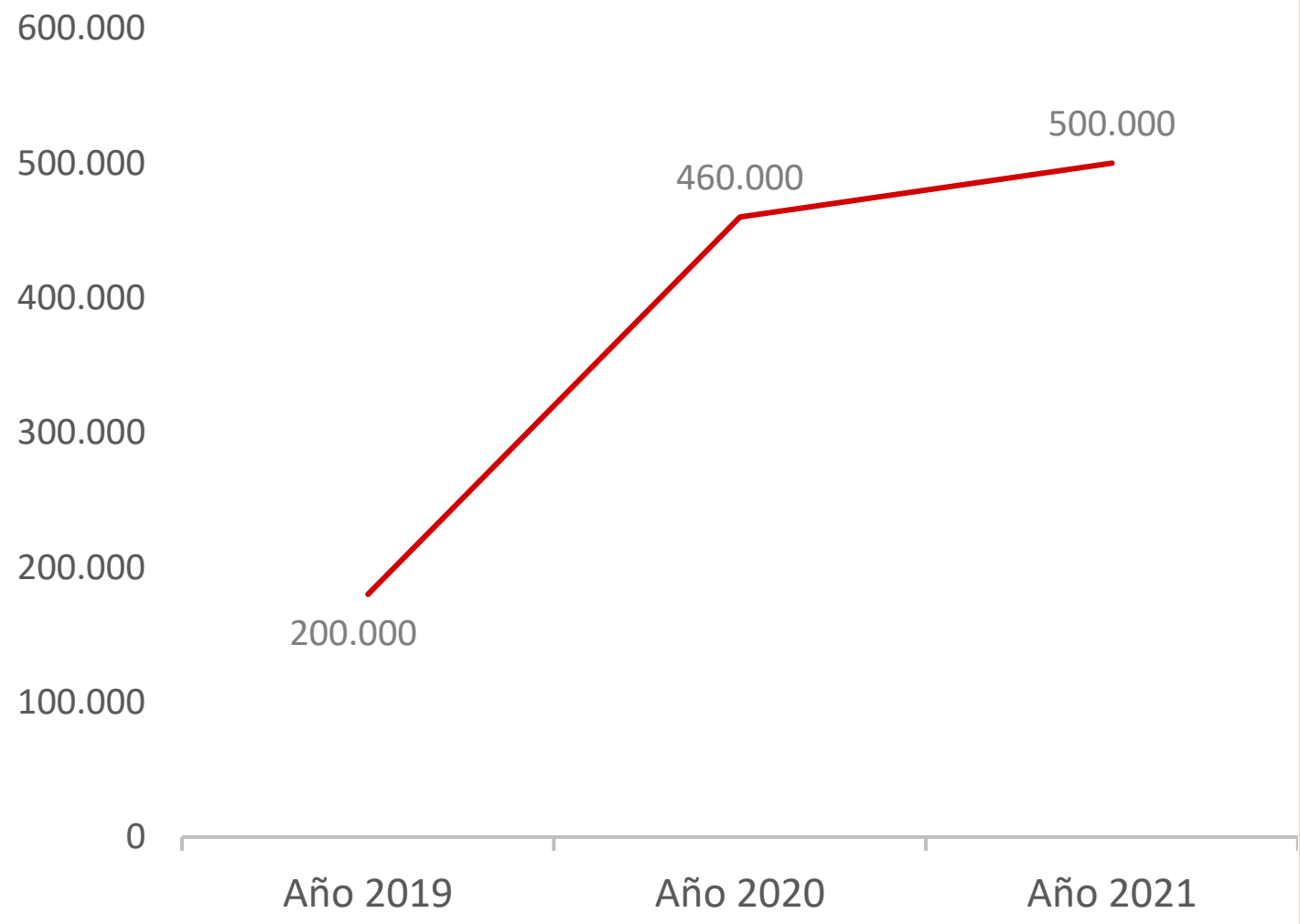
OPERATION AREA:  
369 HECTARES



CARBOMAS 



# Production



# 720.000

TONS PRODUCED FROM

**THERMAL  
COAL**

# 6.4M

**BCM SIN REMOVED**

**STERILE**



# Equipments





EDS

MECHANICS

LABORATORY

ADMINISTRATIVE  
AREAS



COAL PATIO

**CARBOMAS** 

**Congo Mine Project**

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# Overview



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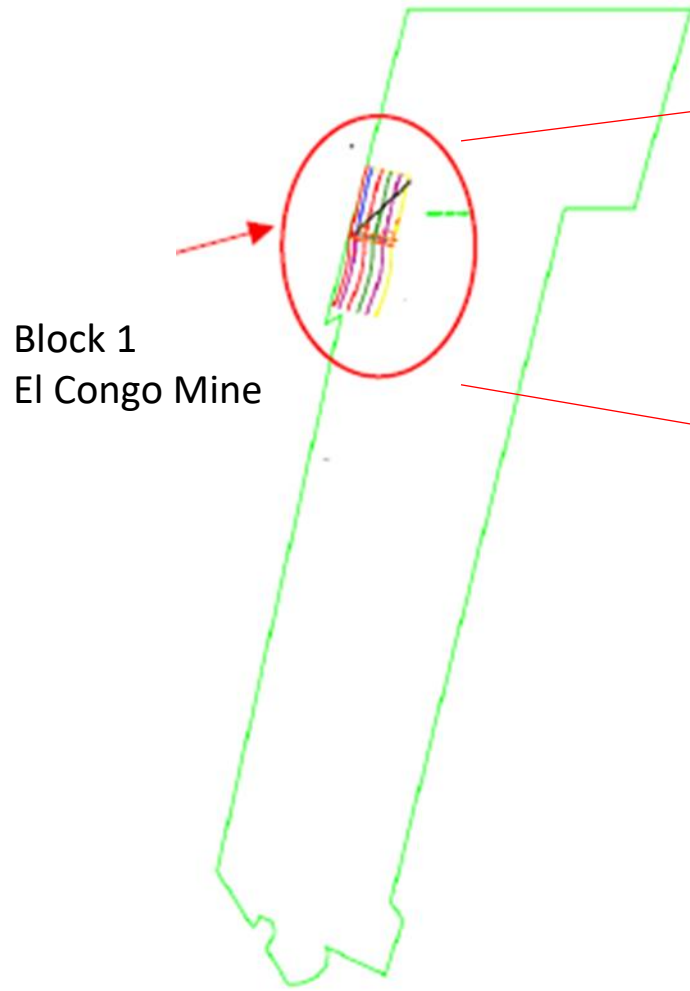
## CONGO PROJECT

Modality:	Lease
Mineral	Thermal Coal
Validity:	2019-2049
Area:	2555 Ha
Stage:	Exploration year two
Holders	Carbomas SAS

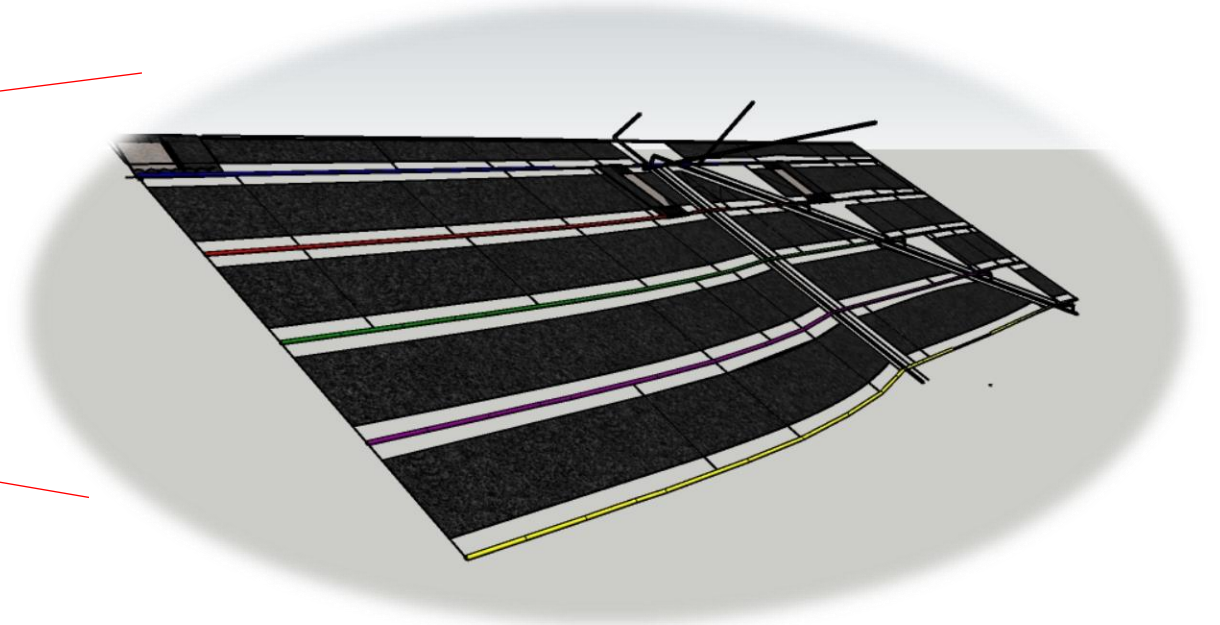
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# Mining Plan: El Congo



Block 1  
El Congo Mine



The block 1 have an extension of 84,9 Ha equivalent to 3,3 % of lease, to mine 1.6 millions of Ton.

Estimate production: 18.000Ton/Month - 216.000 Ton/ Year

**CARBONMAS**

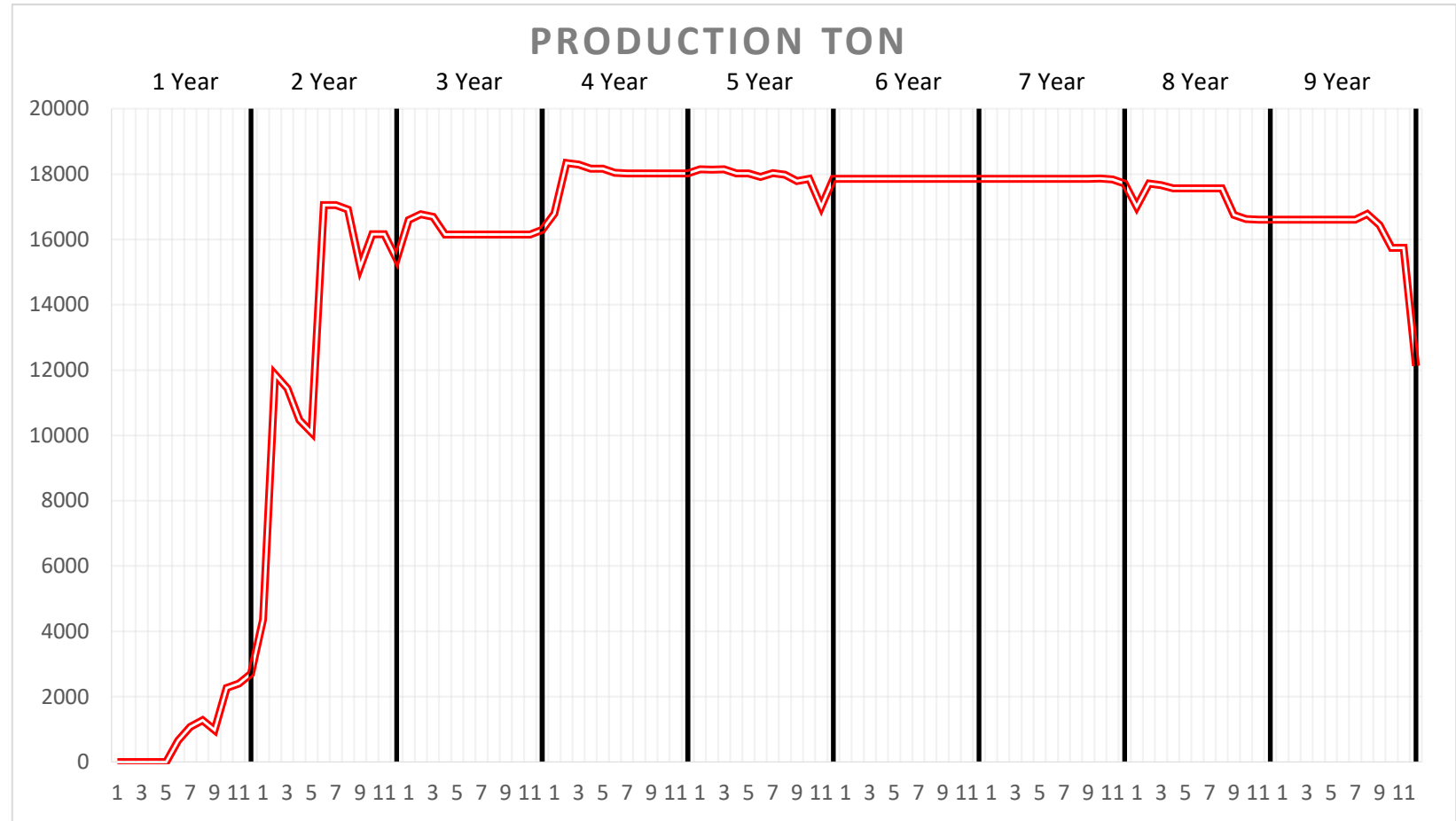




# Production



Year	Tons
1	11,349
2	162,097
3	195,550
4	215,947
5	208,995
6	214,319
7	214,162
8	198,311
9	193,074
<b>Total</b>	<b>1,613,804</b>



# Quality



Quality Parameter	Unity	Typical	Guaranteed	
Total Moisture	%	8,50	10,00	ASTM D3302M-15
<b>As received</b>				
Gross Calorific Value	Btu/Lb	11,800		ASTM D-5865-13
Sulphur	%	0,60	1,00	ASTM D-4239-17
Ash	%	6,00	10,00	ASTM D 3174-12
Volatile Matter	%	42,00	46,00	ASTM D-3175-17
Fixed Carbon	%	46,00	51,00	ASTM D3172-13
Oxygen	%	16,00	15,50 min	By diff
FSI	-	0,00		

# Business Center



CARBOMA 

CORDOBA  
Operations



4 hours 27 min



256 km



- ✓ Area: 516 m<sup>2</sup>
- ✓ Capacity: 27.000 Tn
- ✓ 40 ft 12 m natural draft Vehicle
- ✓ Self-unloader

- ✓ Area: 19.015 m<sup>2</sup>
- ✓ Capacity: 55.000 Tn/month
- ✓ Berthing Line: 410 Mts
- ✓ Mechanized system for handling any type of bulk





**CARBOMAS** 

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Colombia