

*Always Precedes What Is to Come*

# **EUCHARISTEO**

## **TRADING**

**(PTY)LTD**

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# Metallurgical Coal Optimisation Specialists

Unlocking the economic potential of coal resources through advanced testing, optimised blending, and pilot-scale innovation across South Africa and East Africa.

**30+**

Years Expertise

**2017**

Founded

**2024**

Commercial  
Ops

# WHO WE ARE

## About Eucharisteo Trading

Founded in 2017 by Leon and Annelize Dauth, Eucharisteo Trading (Pty) Ltd is a South African enterprise dedicated to redefining the thermal and metallurgical coal industry.

While commercial operations commenced in 2024, our leadership team brings over 30 years of collective expertise in coal, coal carbonisation, quality optimisation, and resource management.

We are committed to delivering innovative, sustainable, and value-driven solutions. Assisting mining companies to maximise resource value and extend the productive life of their operations.

### South African Enterprise

Registered in Vanderbijlpark,  
Gauteng

### International Reach

Active projects in South Africa  
& Mozambique

### R&D Driven

Pilot-scale testing and  
advanced blend optimisation

### Fully Compliant

Reg. 2017/337 151/07 |  
VAT 4020319580



# MISSION & VISION

## MISSION

To be a leading and responsible force in the coal industry, delivering high-quality coal products and services with a steadfast commitment to safety, sustainability, and innovation.

Our pursuit of excellence ensures we meet today's metallurgical coal demands while safeguarding opportunities for future generations.

## VISION

To shape the future of the coal industry through sustainable practices and technological advancement.

We aim to be the preferred partner for coal solutions: recognised for our integrity, environmental stewardship, and unwavering dedication to client satisfaction.

As industry pioneers, we lead the way toward a more efficient, responsible, and sustainable future.



# OUR SERVICES



## Coal Blend Optimisation

Developing optimised coal blends that maximise coke quality and resource recovery. Tailored to each mine's unique coal characteristics.

## Coke Quality Analysis

Assessing key coke quality indicators including Micum indices (M10/M40), JIS drum indices, ASTM drop-shatter, Rheology (Giesler plastometry, dilatation, CSN, Roga and XRF) and proximate analysis against ISO/ASTM standards.

## Pilot Coke Oven Commissioning

Project management and commissioning of pilot coke ovens on client sites, enabling testing and long-term quality monitoring programs.

## Mine-Related Consumables Supply

Procurement and provision of quality mining consumables, ensuring reliable supply to keep operations running efficiently and without costly downtime.

## Pilot-Scale Carbonisation Testing

Conducting controlled pilot oven tests to evaluate coking behaviour, coke strength (CRI/CSR), and product quality at pre-commercial scale.

## Mine Resource Optimisation

Identifying and unlocking economic value in coal resources often overlooked by the industry. Extending mine lifespans and improving profitability.

## Technical Consulting & Advisory

Strategic guidance on thermal and metallurgical coal operations, carbonisation parameters, process improvement, and sustainable resource management.

## Trade and Legal Consulting Services

Expert legal guidance on mining law, regulatory compliance, contracts, and dispute resolution, protecting your interests throughout the project lifecycle.

# THE VALUE WE DELIVER

*Our coal optimisation programme is designed to transform your mining operations.*

01

## **Increase Coal Sales Volumes**

Optimised blends unlock previously unviable coal streams, increasing saleable product.

02

## **Extend Mine Lifespans**

Resource strategies that stretch the productive life of your assets.

03

## **Reduce Waste & Environmental Impact**

Efficient utilisation of coal seams reduces reject volumes and rehabilitation costs.

04

## **Enhance Fleet Utilisation**

Streamlined operations and better planning improve equipment productivity.

05

## **Lower End-of-Life Costs**

Reduced rehabilitation obligations and a cleaner, more controlled mine closure.

# CURRENT INITIATIVES

## Pilot Coke Oven Testing – South Africa

Active

Eucharisteo is currently conducting pilot-scale carbonisation testing of Mozambican metallurgical coal using a pilot oven located in South Africa. This testing phase is critical to optimising coal quality parameters, carbonisation behaviour, and coke product performance ahead of commercial-scale operations.

## Pilot Coke Oven Commissioning – Mozambique

Active

Eucharisteo commissioned a pilot coke oven in Mozambique on behalf of one of the largest mining companies in the region. This marks a significant strategic milestone and the foundation of a long-term partnership, with plans to expand our coal optimisation programme to all major metallurgical coal-producing regions internationally.

# GET IN TOUCH



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