



# COMPANY PROFILE

# TABLE OF CONTENTS

<b>1.</b> COMPANY OVERVIEW	PAGE 01
<b>2.</b> VISION & MISSION	PAGE 02
<b>3.</b> STRATEGIC DEVELOPMENT	PAGE 03
<b>4.</b> PRODUCT SPECIFICATION	PAGE 05



# 1. COMPANY OVERVIEW

Tancoal Energy Limited (Tancoal) is a premier producer and developer of thermal coal in the Eastern African region. Our commitment to the principle of 'African coal for African Industrial Development' is unwavering, as we supply thermal coal not only across the continent but also to the global market.

Our flagship project, the Tancoal mine situated in the Ngaka Coalfield of Tanzania, is a testament to our operational prowess and strategic foresight.

This project is expertly managed through a Joint Venture with the esteemed National Development Corporation of Tanzania, a partnership that highlights Tancoal's dedication to fueling the industrial advancement of the region while prudently utilizing local resources.

Tancoal is renowned for its cost-effective and efficient operations, which solidify our status as a competitive low-cost producer amidst the dynamic growth of this region. Our advantageous position in the market is further reinforced by our ability to consistently supply high-quality thermal coal, meeting the diverse energy needs of Eastern Africa and beyond.

## 2. VISION & MISSION

### VISION



Tancoal Energy Limited envisions itself as the paragon of trust and leadership within Tanzania's coal mining sector, distinguished by an unwavering dedication to operational superiority, sustainable practices, and the enrichment of local communities.

Our ambition is to harness cutting-edge technologies and industry-leading methodologies to fully realize the value of our coal reserves, all while diligently reducing our ecological footprint.

We are committed to cultivating an environment characterized by safety, openness, and cooperative engagement, with the goal of securing a thriving legacy for our enterprise, our workforce, our stakeholders, and the communities within which we conduct our operations.

### MISSION



Tancoal Energy Limited is dedicated to the responsible extraction and provision of superior coal resources, championing sustainable development and environmental conservation.

Our mission is to make a significant contribution to Tanzania's socio-economic advancement. We place the utmost importance on safety, operational excellence, and community involvement, striving to generate enduring value for our stakeholders.

Our goal is to be acknowledged as a foremost and conscientious entity in the coal mining sector.





## 3. STRATEGIC DEVELOPMENT

### CURRENT



The domestic industrial sector in Tanzania is increasingly turning to coal as a means of import substitution and as an alternative to diesel and wood in various industrial processes.

Tancoal currently boasts a production capacity of 150,000 tonnes per month and has initiated long-term contractual sales with key industrial customers across Tanzania, Malawi, Uganda, Kenya, and Zambia.

Tancoal's strategic focus is centered on the development of coal resources to drive industrial growth and power generation within Eastern Africa. This focus is pivotal to catalyzing economic development in the region, as access to reliable and affordable energy is a cornerstone of industrial and economic progress.

### 2024 - 2025

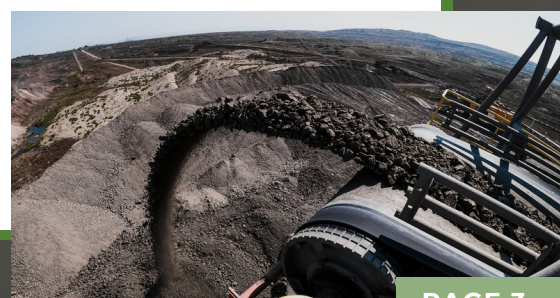


In pursuit of augmenting our current reserves and refining our mine design, Tancoal Energy Limited is committed to scaling up production to exceed 250,000 tonnes of premium thermal coal monthly.

This expansion is meticulously planned to meet and compete in the international market, ensuring that our pricing remains both attractive and competitive. To achieve this ambitious goal, Tancoal is dedicated to upgrading our mining and processing infrastructure.

This enhancement will enable us to provide our customers with unwavering consistency in the supply of high-quality thermal coal.

Our investment in state-of-the-art equipment and technology is a testament to our resolve in delivering excellence and reliability to our valued clients, reinforcing our position as a leading coal supplier in the Eastern African region.



## 3. STRATEGIC DEVELOPMENT (CONTINUED)

### 2026 & ONWARDS



Tancoal Energy Limited is actively engaged in the exploration and development of new resources, as well as the establishment of strategic alliances, with the objective of generating power for target markets within East Africa.

Our endeavors are focused on identifying and harnessing untapped energy potential, fostering partnerships that align with our vision of growth and sustainability.

This initiative is a cornerstone of our commitment to meeting the increasing energy demands of the region, while contributing to its economic vitality and energy security.



# PRODUCT SPECIFICATION

## COBBLES | FINE | PEAS | CRUSHED RAW COAL

### PROXIMATE ANALYSIS\_AIRDRY BASIS

Ash	13-21%
Moisture	8-12%
Fixed Carbon	Max 61%
ISO Volatile Matter	21-26%
Gross Calorific Value	5800-6300 kcal/kg
ISO 1928 (Constant Volume)	5500-6500 kcal/kg

### ULTIMATE ANALYSIS

Total Carbon	63 - 73%
Total Hydrogen (Includes H in Moisture)	3.8 - 4.3%
Total Nitrogen	1.4 - 1.8%
Total Sulphur	<2%
Total Ash	14-21%
Oxygen (Includes O in Moisture)	6.5 - 7.0%

### ASH ANALYSIS

SiO <sub>3</sub>	61 - 64%
Fe <sub>2</sub> O <sub>3</sub>	<5%
Al <sub>2</sub> O <sub>3</sub>	26 - 32%
TiO <sub>2</sub>	1.5 - 2.0%
CaO	0.3 - 0.7%
MgO	Approx. 0.8%
MnO	Approx. 0.02%
SO <sub>3</sub>	Approx. 0.3%
K <sub>2</sub> O	Approx. 1.5%
Na <sub>2</sub> O	1%
P <sub>2</sub> O <sub>5</sub>	0.06%
SrO	<0.06%
BaO	<0.07%

### OTHER PARAMETERS

Chlorine	<14 ppm
Fluorine	<150 ppm
Hardgrove Grindability Index	55

# PRODUCT SPECIFICATION

## COBBLES | FINE | PEAS | CRUSHED RAW COAL

### PRODUCT PARTICLE SIZE ANALYSIS

+75mm	8.20%
+70mm	5.19%
+60mm	7.55%
+50mm	6.59%
+40mm	4.32%
+30mm	6.19%
+20mm	5.54%
+10mm	17.55%
+5mm	14.43
-5mm	24.44%
Total:	100%

### FUSION TEMPERATURE

	REDUCING	OXIDIZING
Initial Deformation	>1500 °C	>1500 °C
Spherical (Softening)	>1500 °C	>1500 °C
Hemispherical	>1500 °C	>1500 °C
Flow (Fluid)	>1500 °C	>1500 °C







# TALK TO US

2ND FLOOR, UNIT NO. 211,  
OYSTER PEARL GALLERIA,  
PLOT NO. 372 CHOLE ROAD,  
OYSTERBAY,  
P.O. BOX 23059,  
DAR ES SALAAM,  
TANZANIA.

(T) +255 (0) 767 665 809

(E) [INFO@TANCOALENERGY.CO.TZ](mailto:INFO@TANCOALENERGY.CO.TZ)

