



**PROFILE** 



#### **About us**

Machame Refineries is a leading player in the refinery industry, committed to delivering high-quality refined products that support economic growth by meeting the energy needs of today and tomorrow. With a focus on innovation, sustainability, and operational excellence, Machame Refineries is dedicated to driving economic growth through creation of value for customers, shareholders, and communities.

Specializing in modular refineries, we extract petroleum product from various feedstocks, like crude oil, plastics, and tyres, through latest technologies and processes. Furthermore, our prowess extends to utilizing natural gas, to produce fertilisers and Liquefied Natural Gas (LNG) to satiate the burgeoning demand for clean energy alternatives.





Machame Refineries is a vanguard in the African energy landscape, envisioning a future where sustainability seamlessly intertwines with necessity. Our vision harmonises environmental stewardship with economic prosperity, ensuring a legacy of vitality for future generations.



#### **Mission**

To be the reference energy company generating value to all stakeholders through innovation, operational excellence and proper resource development.



- **Excellence:** We strive for excellence in everything we do, from refining processes to customer service.
- **Innovation:** We embrace innovation to stay ahead of industry trends and deliver cutting-edge solutions.
- Integrity: We conduct business with honesty, transparency, and ethical behavior.
- Safety: We prioritize the safety and well-being of our employees, contractors, and communities.
- **Sustainability:** We are committed to minimizing our environmental footprint and promoting sustainable practices.



# **Objectives:**

**Refining of Plastics and tyres:** We aim to transmute crude, the blight of plastic and tyre waste into a beacon of sustainability, thereby reducing environmental degradation and championing the principles of a circular economy.

**Utilisation of Existing Materials:** By harnessing the latent potential of preexisting minerals and materials, we endeavour to forge a path towards sustainable energy production while mitigating resource depletion and waste generation.

**Environmental Conservation:** Our unwavering dedication to environmental conservation propels us forward in our pursuit to minimise waste, curtail carbon emissions, and cultivate a verdant future for generations to come.

## **Our Services**

Machame Refineries specializes in refining crude oil into a wide range of high-quality petroleum products, including gasoline, diesel, jet fuel, lubricants, LNG, petrochemicals and many other products. Our state-of-the-art facilities utilize advanced technologies to ensure efficiency, reliability, and environmental compliance.



### Refining

Machame refineries specializes in refining crude oil into different petroleum products such as gasoline, diesel, marine fuel, heating oil and other petrochecmicals



### **Processing**

Machame processes crude oil through various physical and chemical processes such as distillation, cracking, reforming and treating to separate and convert crude oil components into different products.



## **Quality Control:**

We ensure that products meet quality specifications and regulatory requirements through rigorous testing and quality control measures at various stages of the refining process.



### **Research and Development:**

Machame invests in R&D to improve our refining processes, develop new technologies and create more efficient and environmentally friendly products.



## **Environmental Compliance:**

We are responsible for complying with environmental regulations and minimizing their impact on the environment through meansures such as emissions control, waste management and environmental monitoring

Overall, we provide essential services that contribute to meeting the global demand for transportation fuels, heating oil and wide range of petrochemical products essential for various industries to steer economic growth,

### **Key Differentiators:**

**Advanced Technology:** We leverage cutting-edge refining technologies to maximize efficiency and product quality.

**Strategic Partnerships:** We collaborate with industry partners to optimize supply chains and enhance market competitiveness.

**Environmental Stewardship:** We prioritize sustainability by investing in clean technologies and reducing emissions.

**Customer Focus:** We are committed to understanding and meeting the unique needs of our customers with tailored solutions and exceptional service.

**Talent Development:** We foster a culture of learning and development to empower our employees and drive innovation.



# Our Approach to sustainability

- 1. Waste reduction Reduction of waste and maximizaition of resource efficiency and hence promoting a circular economy through recycling of tyres and plastics
- **2. Gas initiatives** reduction of gas flaring with commissioning of our gas processing plants
- **3.** Clean Energy Provision of cleaner and affordable energy solutions so as to improve quality of life for the people in Africa.









