



# MKUBWA MIXED STEEL AND LOGISTICS LTD

## Climate Action and Sustainability Strategy

### Our Commitment

Mkubwa Mixed Steel and Logistics Ltd is committed to sustainable waste management, responsible scrap trading, and climate action. We believe that minimizing environmental impact, conserving resources, and promoting safe practices are essential to our success and the well-being of our communities.

### Core Focus Areas

#### Reducing Emissions

- Optimizing routes and maintaining fuel-efficient vehicles
- Tracking emissions and setting reduction targets
- Energy Efficiency
- Implementing energy-saving practices in recycling facilities
- Exploring renewable energy options, like solar power

#### Circular Economy Practices

- Maximizing recycling and reuse in waste and scrap processing
- Creating value from waste materials within our operations
- Water and Pollution Management
- Reducing water use and monitoring wastewater quality
- Preventing spills and ensuring safe handling of hazardous materials

#### Community Engagement

- Educating communities on recycling and responsible waste disposal
- Supporting environmental health initiatives like tree planting

### Our Goals

- Reduce Environmental Impact: Cut down emissions and waste
- Conserve Resources: Recycle, reuse, and reduce waste materials
- Support Safe Scrap Trading: Comply with NEMA standards and safe practices
- Engage Communities: Partner on sustainability initiatives and educate on recycling
- Achieve Full Compliance: Adhere to NEMA and international standards

### Our Commitment to Accountability

- Annual Sustainability Reporting: Publish updates on our progress and impact.
- Continuous Improvement: Review and refine practices regularly.
- Environmental Stewardship: Lead by example in sustainable waste and scrap management.

Together for a Cleaner, Greener Future

Mkubwa Mixed Steel and Logistics Ltd

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## Mkubwa Mixed Steel and Logistics Ltd Climate Action and Sustainability Strategy

### 1. Purpose

This strategy provides a roadmap for Mkubwa Mixed Steel and Logistics Ltd to operate as a responsible waste management and scrap trading company, focusing on reducing environmental impact, promoting sustainable resource use, and enhancing community partnerships. Our goal is to embed sustainability into every aspect of our operations, aligning with Uganda's environmental regulations and global climate action initiatives.

### 2. Scope

This strategy applies to Mkubwa's core activities, including waste collection, transportation, sorting, storage, recycling, and disposal, as well as all scrap trading operations. It covers environmental and social sustainability across the entire value chain—from waste sourcing to final disposal or recycling.

### 3. Objectives

1. **Reduce Environmental Impact:** Minimize emissions, energy use, and waste throughout operations, especially in waste processing and scrap handling.
2. **Resource Conservation and Circular Economy:** Maximize the recovery and reuse of materials, transforming waste into valuable resources within a circular economy model.
3. **Promote Safe and Sustainable Scrap Trading:** Ensure that scrap collection, trading, and recycling processes follow safe, environmentally responsible practices.
4. **Foster Community and Environmental Health:** Work with local communities to promote awareness of sustainable waste practices and support climate resilience.
5. **Comply with Environmental Regulations:** Meet or exceed NEMA regulations and align with international waste management and scrap recycling standards.

### 4. Key Focus Areas

#### 4.1 Emissions Reduction in Waste and Scrap Operations

- I. **Optimized Logistics:** Implement route optimization and schedule planning to reduce fuel consumption in waste collection and scrap transport.
- II. **Efficient Fleet Management:** Maintain a fleet of fuel-efficient, low-emission vehicles specifically for waste and scrap transport. Regular maintenance schedules will ensure minimal emissions.
- III. **Emission Tracking:** Track emissions from transportation and waste processing operations, with a focus on reducing the carbon footprint of daily activities.





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## 4.2 Energy Efficiency in Recycling and Processing Facilities

- I. **Energy-Efficient Equipment:** Install energy-efficient shredders, compactors, and other machinery used in waste and scrap processing.
- II. **Renewable Energy Options:** Evaluate opportunities to integrate renewable energy sources, such as solar panels, into facilities to power recycling and sorting equipment.
- III. **Employee Awareness Programs:** Train employees on energy-saving practices within recycling facilities, including equipment shutdown procedures and energy-efficient handling of scrap and waste.

## 4.3 Sustainable Waste Management and Circular Economy for Scrap Trading

- I. **Waste-to-Resource Initiatives:** Identify and separate recyclable materials early in the waste sorting process, focusing on metals, plastics, and other reusable materials.
- II. **On-Site Sorting and Recycling:** Where feasible, establish sorting and preliminary recycling processes on-site to reduce the amount of waste transported to external facilities.
- III. **Scrap Recovery and Reuse:** Maximize the extraction and reuse of metals, such as steel, aluminum, and copper, to reduce demand for raw materials and support the scrap trade.

## 4.4 Water Conservation in Processing and Disposal

- I. **Efficient Water Use:** Implement water-saving practices in scrap washing and waste processing, such as recycling water where possible.
- II. **Rainwater Harvesting:** Install rainwater harvesting systems to supplement water used in processing, particularly in scrap cleaning operations.
- III. **Wastewater Management:** Ensure that any wastewater generated is treated before disposal, following NEMA standards, to prevent environmental contamination.

## 4.5 Pollution Prevention and Safe Handling of Hazardous Materials

- I. **Hazardous Waste Protocols:** Establish clear protocols for handling, storing, and transporting hazardous scrap materials, such as batteries or contaminated metals, ensuring compliance with environmental and safety standards.
- II. **Containment and Spill Prevention:** Use containment measures, including sealed containers and spill control equipment, to prevent leakage or spills from hazardous materials.
- III. **End-of-Life Management:** Partner with certified recyclers and disposal facilities to safely process and dispose of hazardous waste, particularly in materials like e-waste or scrap with toxic elements.

## 4.6 Sustainable Sourcing and Responsible Procurement





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- I. **Ethical Scrap Sourcing:** Ensure that all scrap and waste materials are sourced from reputable suppliers, and avoid materials associated with illegal or environmentally harmful practices.
- II. **Supplier Compliance:** Require suppliers to adhere to environmental standards and responsible sourcing practices, including legal compliance and ethical labor standards.
- III. **Local Sourcing Priority:** Prioritize local scrap suppliers to reduce transport-related emissions and support community economies.

## 4.7 Community Engagement and Awareness in Waste and Scrap Management

- I. **Public Education on Recycling:** Conduct workshops or informational sessions in local communities on recycling practices, focusing on responsible waste disposal and the benefits of scrap trading.
- II. **Community Scrap Collection Programs:** Partner with local entities to organize scrap collection drives, ensuring that community members have an easy and responsible way to dispose of their scrap.
- III. **Environmental Health Initiatives:** Engage in projects that enhance local environmental health, such as clean-up campaigns and tree-planting projects in areas affected by scrap or waste handling.

## 5. Implementation and Monitoring

### 5.1 Implementation Plan

- I. **SMART Goals:** Set specific, measurable, achievable, relevant, and time-bound goals for each focus area, such as annual targets for reducing emissions, energy use, and waste diversion from landfills.
- II. **Cross-Functional Teams:** Form teams across departments to oversee the strategy's implementation, with regular reporting to senior management on progress.
- III. **Employee Training:** Offer regular training on sustainable waste management, scrap handling, and best practices for minimizing environmental impact.

### 5.2 Monitoring and Reporting

- I. **Performance Metrics:** Track key performance indicators (KPIs) like emissions, energy use, recycling rates, and waste volume reductions to gauge progress.
- II. **Annual Sustainability Report:** Publish a report that details achievements, challenges, and planned improvements in waste and scrap management practices.
- III. **Continuous Improvement:** Regularly assess and adjust the strategy based on monitoring results, feedback, and evolving industry standards.

## 6. Compliance with Standards

- I. **NEMA Compliance:** Follow all NEMA regulations for waste and hazardous scrap management, including transportation, handling, and disposal.





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- II. International Standards: Align with relevant international frameworks, such as the Basel Convention for hazardous materials, ISO 14001 for Environmental Management, and guidelines for sustainable materials management.
- III. Sustainability Certifications: Pursue certifications that underscore the company's commitment to responsible waste and scrap management, such as recycling certifications or green building certifications for facilities.

## 7. Governance and Accountability

- I. Environmental Management Committee: Establish a committee to oversee the implementation and review of the Climate Action and Sustainability Strategy, ensuring accountability across the organization.
- II. Roles and Responsibilities: Management will allocate resources and support strategy implementation, while operational teams will ensure compliance and adherence to sustainable practices.
- III. Third-Party Audits: Conduct regular audits of waste and scrap management practices to verify compliance and identify areas for improvement.

## 8. Continuous Improvement and Innovation

- I. Research in Sustainable Materials: Invest in research to identify sustainable materials and technologies for more efficient scrap and waste processing.
- II. Employee and Community Feedback: Use feedback from employees and local communities to improve scrap handling practices and engage more effectively on sustainability issues.
- III. Recognition Programs: Acknowledge employees and teams who make significant contributions to sustainability, fostering a culture of continuous improvement.

## 9. Conclusion

Mkubwa Mixed Steel and Logistics Ltd is committed to sustainable waste management and responsible scrap trading, recognizing the critical role these practices play in protecting the environment and supporting community well-being. Through this strategy, we aim to set an industry benchmark for sustainability in waste and scrap management, contributing to a cleaner, healthier future.

Adoption Date: 23<sup>rd</sup> April 2022

Signed by: .....

Position: Technical Director

BULEGA SULAIMAN

