



## **Sustainable Manufacturing Policy**

005/ORIMBA/CL/2025

### **1. Strategy Overview**

The Sustainable Manufacturing Policy is a pivotal element of PT. Orimba Alam Kresi (“**OAK**”)’s Sustainability Strategy, with the primary objective of minimizing emissions and environmental footprint through improved material utilization, increasing mix of renewable energy, and contributing zero landfill waste. This strategy aligns with OAK’s commitment to sustainable practices throughout its manufacturing operations.

### **2. Program Management**

#### **2.1 Program Owners**

- OAK Manufacturing Division will be directly responsible for implementing and overseeing manufacturing operations.
- The Finance Department will identify investment opportunities for improved technologies to achieve sustainability targets.

#### **2.2 Oversight and Support**

- The program will receive support and oversight from the OAK Sustainability Committee and Sustainable Manufacturing Sub-Committee.

### **3. Key Components**

#### **3.1 Tangible and Measurable Impacts**

- OAK commits to ensuring that the impacts and benefits of sustainable manufacturing are tangible, measurable, and consistent.

#### **3.2 Local Livelihoods and Community Impact**

- OAK aims to enhance local livelihoods through sustainable manufacturing by supporting employment, and technical upskilling where feasible. Strategic partnerships and training programs will help generate economic benefits for surrounding communities and workforce participants.



#### **4. Traceability and Transparency**

- The program ensures strong traceability and transparency across OAK's manufacturing processes.
- Stakeholders will be regularly updated on progress and achievements in sustainable manufacturing.
- OAK will establish a supplier screening and monitoring process - Sustainable Sourcing & Procurement Policy - to evaluate the environmental and social compliance of upstream suppliers contributing to manufacturing inputs. This includes sustainability standards, exclusion of non-compliant sources, and integration of supplier ESG performances into procurement decision-making.
- Monitoring and reporting shall include energy & material consumption, waste generation, emission management, health & safety

#### **5. Policy and Guideline**

##### **5.1 Material Utilization Improvement**

- Managers are guided to identify areas for improvement in material utilization across manufacturing processes.
- Key Metrics:
  - Full material recovery and residual waste amount.
- Potential Activities:
  - Investment in upgraded or new machineries and equipment to improve material efficiency in the manufacturing process.
  - Implement waste reduction and material recycling/repurposing initiatives.

##### **5.2 Increasing Mix of Renewable Energy**

- Managers are instructed to explore opportunities for increasing the use of renewable energy sources.
- Key Metrics:
  - Percentage reduction in purchased electricity and steam from non-renewable sources.
- Potential Activities:
  - Investment in a biomass power plant utilizing residual biomass waste.
  - Investment in machinery and equipment that reduces electricity consumption
  - Exploration of renewable options such as solar, where feasible and economically viable.

##### **5.3 Elimination of Waste and Zero Landfill**



- Managers are mandated to implement waste reduction and recycling programs.
- Key Metrics:
  - Progress in waste reduction, recycling rates, and achievement of zero landfill waste.
- Potential Activities:
  - Integration of waste-reduction initiatives from the material utilization and renewable energy components.
  - Regular assessments, training, and incentives for employees to foster zero-waste culture.

#### **5.4 Chemical Management and Restriction**

- OAK is committed to reducing chemical use across manufacturing operations. This includes minimizing reliance on pesticides and chemical fertilizers, and strictly prohibiting any use of:
  - Pesticides classified as WHO Class 1A and 1B
  - Chemicals listed under the Stockholm Convention
  - Chemicals listed under the Rotterdam Convention
- Procurement and handling of any chemical substances must comply with these prohibitions. Internal audits, employee training, and documentation protocols will ensure compliance and foster a safe and sustainable production environment.

### **6. Regular Assessment and Training**

- Continuous assessment of manufacturing processes to identify areas for improvement.
- Training programs and incentives provided to employees to foster a culture of sustainability.

### **7. Occupational Health and Safety**

- OAK ensures compliance with national and international Occupational Health and Safety (OHS) standards. Manufacturing sites will implement proactive risk identification, routine health and safety audits, mandatory use of personal protective equipment (PPE), and regular training to foster a zero-harm safety culture.
- All incidents will be reported and investigated in accordance with OAK's internal EHS protocols.

### **8. Gender Equality and Inclusions**

- OAK is committed to promoting gender equality across all levels of its manufacturing operations. This includes equal opportunity recruitment, anti-harassment policies, and pathways for increased representation of women in technical and supervisory roles.



Maternity leave protections and fair wages are integral to creating an inclusive, supportive work environment.

## **9. Reporting**

- Regular reporting on the environmental impact and benefits of sustainable manufacturing.
- Quantitative data and qualitative insights shared with stakeholders.

## **10. Continuous Improvement**

- The policy and guideline will undergo regular reviews and updates to align with evolving sustainability standards and best practices.

By adhering to the Sustainable Manufacturing Policy OAK Group aims to set a benchmark for sustainable manufacturing, ensuring that the manufacturing processes contribute positively to the environment and society while maintaining operational efficiency and financial viability.

This regulation has been established by the Management of OAK as a guideline to be followed by all relevant parties. It may be reviewed and updated as necessary, in accordance with developments and conditions in the field. Therefore, it is issued to be properly understood and implemented.

On behalf of OAK Management  
**Andrew Sunarko**