

### 3.3 Management of environmental sustainability

#### 3.3.1 Environmental policy and guidelines

##### Environmental policy and guidelines

Environmental policy and guidelines : Yes

Environmental guidelines : Electricity management,  
Fuel management,  
Renewable/clean energy management,  
Water resources and water quality management,  
Waste management,  
Greenhouse gas and climate change management,  
Air quality management,  
Noise pollution management,

The Company manages its environmental operations under policies and guidelines aimed at minimizing environmental impact, enhancing resource efficiency, and supporting the **Circular Economy framework**. By adhering to the **3R principles (Reduce, Reuse, Recycle)**, the Company's approach covers energy, water, waste, air quality, noise, and greenhouse gas (GHG) management, while considering impacts on surrounding communities and ensuring compliance with applicable laws and regulations.

- **Energy Management:**

The Company manages electricity and fuel consumption through energy monitoring, regular maintenance of equipment and machinery, and continuous efficiency improvements. Clean energy adoption is supported through the installation and maintenance of solar rooftop systems.

- **Water Resources and Quality:**

The Company operates a wastewater treatment system and reuses **100%** of treated water within its production processes, resulting in zero discharge to public water bodies. This approach reduces raw water consumption and mitigates risks to external water sources, with water quality monitored in accordance with regulatory requirements.

- **Waste Management:**

The Company implements waste segregation, control, and disposal in compliance with relevant laws and standards, while promoting resource recovery and waste reduction. Innovation and quality control are applied to support the use of recycled materials in products. The **"Living Green"** product line contains approximately **85%** recycled materials, supporting resource efficiency and Circular Economy principles.

- **Air Quality and Noise:**

The Company monitors and controls emissions and dust from production processes, as well as noise from machinery and plant operations, to ensure compliance with regulatory requirements. Pollution control systems are regularly maintained to support effective environmental management.

- **Climate Change:**

The Company supports greenhouse gas (GHG) reduction through energy efficiency measures, clean energy adoption, and efficient resource management. Environmental performance is strengthened through relevant certifications and initiatives, including Green Industry Level 4 (Green Culture) and participation in the LESS (Low Emission Support Scheme). The Company also conducts Corporate Carbon Footprint (CFO) and Product Carbon Footprint (CFP) assessments to support a systematic approach to GHG reduction.

##### Review of environmental policies, guidelines, and/or goals over the past year

Review of environmental policies, guidelines, and/or goals : Yes

over the past year

Changes in environmental policies, guidelines, and/or goals : Electricity management,  
Water resources and water quality management,  
Waste management,  
Greenhouse gas and climate change management,

Over the past year, the Company reviewed and refined its environmental policy to make it clearer and more specific, with emphasis on the following areas: (1) the efficient use of natural resources, energy, electricity, and water; (2) stronger support for greenhouse gas (GHG) reduction; (3) systematic waste management, including waste reuse to reduce impacts on communities and the environment; (4) continued promotion of environmental activities and employee participation to strengthen corporate culture; and (5) regular monitoring, review, and evaluation of the policy for continuous improvement.

### 3.3.2 Environmental operating results

#### Information on energy management

##### Energy management plan

The company's energy management plan : Yes

The Company implements its Energy Management Plan to improve energy efficiency and reduce environmental impacts. The plan covers electricity and fuel consumption in production processes and supporting systems.

Quantitative targets have been set against the 2022 base year, and performance is continuously monitored against these targets (details are provided in the target table).

##### Key measures under the plan include:

- improving the efficiency of kilns and core production systems;
- carrying out preventive maintenance (PM) to reduce losses and improve energy efficiency;
- selecting energy-saving motors and high-efficiency equipment, as well as upgrading machinery where appropriate;
- encouraging all functions to participate in energy reduction through internal communication and performance monitoring; and
- supporting the use of renewable and clean energy through the Solar Rooftop project, together with performance monitoring, planned maintenance, and consideration of further expansion, as appropriate.

The Company also monitors key energy indicators, such as electricity and fuel consumption per unit of production, and reviews performance at least annually to support continuous improvement in energy efficiency.

##### Setting goals for managing electricity and/or oil and fuel

Does the company set goals for electricity and/or fuel : Yes

management