

**PLT-1.-11 Energy and CO2 management**

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Policy prepared by: Sustainability and OHS specialist

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**1. GENERAL PROVISIONS**

The policy defines senior management's commitments to implement processes to assess and reduce the impact of energy and carbon emissions in the company's operations. This allows the company not only to adapt to the challenges of climate change, but also to create added value for its activities and contribute to the sustainability and responsibility of the general society.

**2. PURPOSE**

To identify and define the company's energy and CO2 emissions management procedure, providing specific actions by which the company seeks to reduce its energy consumption and carbon dioxide emissions and manage them sustainably.

**3. CONCEPTS AND ABBREVIATIONS**

The GHG (Greenhouse Gases) Protocol, otherwise known as the Kyoto Protocol, is an international agreement that was adopted in 1997 in Kyoto, Japan. This agreement aims to reduce the emission of greenhouse gases into the atmosphere, focusing on the release of carbon dioxide (CO<sub>2</sub>), methane (CH<sub>4</sub>) and nitrous oxides (N<sub>2</sub>O).

**4. DESCRIPTION**

**4.1. MAIN ENERGY CONSUMERS AND AREAS OF USE**

At Axioma Metering UAB, most of the energy is consumed in technological processes (77%), service processes (17%), and the share of energy consumed in auxiliary processes is 5%. ENGEL injection molding machines consume the most energy in technological processes, accounting for 37% of total production consumption. Compressed air compressors consume 61% of electricity in auxiliary processes. Lighting consumes the most electricity in service processes, which accounts for 41% of the total consumption of service processes.

**4.2. INVESTMENT IN RENEWABLE ENERGY SOURCES**

Top management commits to:

Invest in a renewable source of energy, solar energy. This includes installing solar panels on the roofs of company's buildings, renting solar power plants, as well as investing in IT management solutions that increase the energy efficiency of the building. The long-term strategy is to produce half of the consumed electricity from renewable sources.

### **4.3. ENERGY EFFICIENCY**

Top management commits to:

- Implement energy efficiency solutions and technologies that help reduce overall energy consumption. This includes implementing energy-efficient methods in production processes, improvements in building insulation or the use of energy-saving solutions in office environments.
- Perform audits of energy resources and water consumption in technological processes and devices, which helps to determine measures for increasing energy efficiency in the company. The purpose of the audit is to assess energy and water losses in technological processes and devices, providing technical organizational measures to reduce energy and water losses. During the audit, the CO2 reduction potential after applying the saving measures is also evaluated.

### **4.4. TRANSPORT**

The company switched to electric powered forklifts, reducing the number of fossil fuel vehicles in the company. In addition, the installed electric car charging stations give employees the opportunity to choose more sustainable vehicles.

The top management undertakes to continue using electric vehicles in their activities, as well as to encourage employees to choose alternative ways of travel - use the company bus, cooperate with colleagues, come to work on bicycles or electric scooters.

### **4.5. COMPANY OBJECTIVES AND INDICATORS**

The company prefers renewable energy sources to minimize GHG emissions. Top management is committed to systematically reduce dependence on fossil fuels.

1. The company implements energy and carbon dioxide emission management processes and aims for sustainable reduction results. That includes:
  - a. Auditing and evaluating processes aimed at identifying the sources of energy consumption and CO2 emissions in the company's activities.
  - b. Developing targets and strategies to reduce energy consumption and CO2 emissions, considering all aspects of operating costs.

c. Implementing technologies and process improvement initiatives to improve energy efficiency and reduce greenhouse gas emissions.

d. Monitor and evaluate achievements through regular audits and reports to ensure reduction targets are met.

3. Senior management commits to assessing energy and carbon impacts across its value chain and implementing plans to measure, manage and reduce these impacts. That includes:

a. Assessment and gradual identification of the company's 1, 2 GHG emissions, assessment of the goods and services supplied, used, and purchased by the company to identify elements containing GHG and possible reduction methods.

b. Implementing creative solutions to reduce or neutralize the energy and carbon footprint throughout the company's operations.

Indicators include not only the application of processes to manage energy and CO2 emissions, but also the added value provided to customers, which can be measured through improvements in energy and carbon management. Improving the efficiency of services used by customers allows them to reduce their energy consumption and CO2 emissions, as well as involves them in the overall process of corporate sustainability and responsibility.

## HISTORY

No.	Date	Description of release	Reason	Prepared by (name, surname, position)
1.	2024-04-16	Released document	New	Inga Minkevičiūtė, Sustainability and OHS specialist