

SUSTAINABILITY POLICY

1. Purpose

The purpose of this policy is to define measurable targets (KPIs) to control Gürpilsan Plastik’s environmental impacts, ensure efficient use of natural resources, and continuously improve environmental performance.

This policy has been prepared in accordance with the ISO 14001 Environmental Management System approach.

2. Scope

This policy covers the following activities:

- Plastic bag and film production
- Recycling and granule production
- Energy and water consumption
- Waste management
- Logistics and storage activities
- All employees and processes

3. SUSTAINABILITY KPIs (PERFORMANCE INDICATORS)

The following KPIs are monitored annually and reviewed by top management.

3.1 ENERGY EFFICIENCY KPIs

KPI	Definition	Target	Measurement Frequency
Energy consumption	kWh per unit of production	5% annual reduction	Monthly
Total electricity consumption	Total facility energy usage	Downward trend	Monthly
Energy-efficient machine ratio	Share of modern/efficient machines	Increase	Annually

3.2 WATER EFFICIENCY KPIs

KPI	Definition	Target	Measurement Frequency
Water consumption	m ³ per unit of production	5% annual reduction	Monthly
Recycled water ratio	Reused water percentage	Increase	Annually
Water loss rate	Leakage / waste rate	Minimize	Monthly

3.3 WASTE AND RECYCLING KPIS

KPI	Definition	Target	Measurement Frequency
Recycled raw material ratio	Regranulate usage rate	Increase	Monthly
Production scrap rate	Plastic waste amount	Reduction	Monthly
Hazardous waste volume	kg per ton production	Minimum	Monthly
Recovery rate	Recycling ratio of total waste	Increase	Monthly

3.4 EMISSIONS AND ENVIRONMENTAL IMPACT KPIS

KPI	Definition	Target	Measurement Frequency
CO ₂ emissions	Carbon footprint based on energy use	Reduction	Annually
Air emission control	Filter / stack performance compliance	100% compliance	Periodic
Environmental non-compliance	Audit findings	Zero target	Continuous

3.5 RESOURCE EFFICIENCY KPIS

KPI	Definition	Target	Measurement Frequency
Raw material efficiency	kg product / kg raw material	Increase	Monthly
Scrap reduction rate	Production losses	Decrease	Monthly
Process efficiency	Machine operating efficiency	Increase	Monthly

3.6 BIODIVERSITY AND ENVIRONMENTAL IMPACTS

KPI	Definition	Target	Measurement Frequency
Environmental incident count	Harm to environment events	Zero	Continuous
Waste leakage incidents	Soil/water contamination events	Zero	Continuous
Green area protection	Facility environmental impact	Protection	Annually

4. SUSTAINABLE OPERATIONS / RESOURCE EFFICIENCY

Gürpilsan Plastik:

- Implements circular economy principles
- Uses recycled raw materials in production
- Optimizes energy and water consumption
- Continuously works to reduce scrap rates

5. ENERGY AND WATER EFFICIENCY TARGETS

The company commits to:

- Reducing energy consumption per unit of production
- Optimizing water usage
- Investing in efficiency improvements
- Monitoring performance through annual targets

6. BIODIVERSITY AND ECOSYSTEM

The company:

- Minimizes environmental impacts
- Prevents waste leakage into nature
- Reduces natural resource consumption through recycling activities
- Contributes to the protection of local ecosystems

7. MONITORING AND REPORTING

- KPIs are measured monthly
- Annual management review is conducted
- Corrective actions are implemented for non-conformities
- Continuous improvement principle is applied

8. EFFECTIVE DATE

This policy enters into force on the date of publication and is binding for all employees.