



POLICY TO REDUCE PLASTIC WASTE



STAVROPOL
STATE
AGRARIAN
UNIVERSITY

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Resource conservation, ensuring environmental safety, rational use of natural resources and environmental protection are currently priority areas in the implementation of the course towards sustainable development. One of the unresolved tasks at the federal and regional levels is the creation of an innovative, technical and economic system that allows minimizing the amount of plastic waste, while maximizing resource conservation, re-involving recycled waste components into economic circulation as raw materials, materials, products, and converting waste into secondary materials raw materials for the manufacture of new products and energy production.

Sustainable development in this area includes requirements for the plastic waste management system. To implement them, a priority order has been adopted in the management of plastic waste streams, regulating the use of such opportunities as preventing the formation of plastic waste, reusing all useful fractions of plastic waste, generating energy, strictly controlled combustion, and environmentally safe disposal of non-recyclable fractions.

This policy is a system of goals, objectives, principles and priorities aimed at ensuring environmentally safe and cost-effective management of plastic waste. This policy is based on a generally accepted hierarchy of the following public policy priorities in the field of plastic waste management (in descending order of priority): maximum use of raw materials and materials; waste prevention; reduction of waste generation and reduction of the hazard class of waste at the sources of its generation; waste treatment; recycling; waste disposal; disposal (storage and disposal) of waste in accordance with the requirements of legislation in the field of environmental protection.

Plastic pollution is one of the most serious man-made threats to our planet. The plastic pollution crisis is trans-boundary in nature and requires a collaborative, coordinated global response to successfully address it.

In recent years, plastic pollution has been one of the important topics discussed by the global community. The 2030 Agenda for Sustainable Development includes the Sustainable Development Goal, which recognizes the need to prevent and significantly reduce plastic waste. This brings the problem of plastic pollution to the level of major global priorities.

In paragraph 2 of Art. 3 of Federal Law No. 89-FL states that directions of state policy in the field of waste management are priority in the following sequence: maximum use of raw materials and materials; waste prevention; reduction of waste generation and reduction of the hazard class of waste at the sources of its generation;



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waste treatment; recycling; waste disposal.

Based on the indicated priority areas, the waste management industry consists of the following main units: waste collection, separate waste collection (both domestic and industrial); sorting of mixed waste and sub-sorting (enrichment) of separately collected waste; processing of harvested secondary raw materials; landfill; waste incineration.

There are a number of areas identified on campus that require proactive action. They are distributed in the main areas that form the structural and conceptual basis of the policy on plastic pollution.

As part of the policy to reduce plastic waste, monitoring and reporting on the state of the environment on campus is key to two main aspects:

1. Environmental monitoring. SSAU has developed a coordinated system of environmental monitoring and defined a clear methodology for monitoring, including coordination mechanisms, deadlines and responsible persons.

2. Economics and data presentation. SSAU has created a number of measures to create a circular economy and reduce the loss of plastic waste. To achieve this, there is on-campus reporting from production and use to collection, recycling and disposal of plastic waste. Data-driven reporting supports the development, implementation, evaluation and updating of action plans, providing the ability to track results at multiple levels.

The campus has developed plastic waste reduction plans tailored to specific needs and contexts to reflect local realities. A set of measures has also been developed to stop the use of single-use plastic products, promoting traditional solutions as an alternative.

The plastic waste reduction policy includes disclosure of plans to reduce plastic pollution, reporting on their implementation within a specified time frame, periodic review and updating. Plastic Waste Reduction Action Plans include requirements to legislate expanded campus accountability mechanisms and pollution reduction goals.

To address issues of environmentally sound management of plastic waste, the campus has a comprehensive program to ensure the safe management of plastic waste, as well as to locate and construct facilities that use the best available technologies for the treatment, disposal and disposal of plastic waste. The main goal of this program is to create and develop a system for environmentally safe management of plastic waste on campus, allowing minimizing the disposal of plastic waste while increasing the share of their recycling and disposal.