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# Highlights of progress and lessons learned in Georgia

**BUILDING THE GROUND FOR A GREEN ECONOMY:  
Lessons learned from cooperation  
in the Eastern Partnership (EaP) framework**

**Brussels, 13-14 March 2024**

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# PROSPECTS for the DEVELOPMENT of ECO-INNOVATION in GEORGIA

## PRINCIPAL DIRECTIONS

- ✓ Awareness rising in SMEs with regard of eco-innovation approaches
- ✓ Research of market and policy mechanisms
- ✓ Support of 8 SMEs in implementation of eco-innovation approaches

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## Selection of SMEs

On the basis of competition 8 SMEs have been selected, from agriculture and tourism sector.

Namely:

**Manna**

**GSG**

**Teleti**

**Gvinuka**

**Sevsamora**

**Udabno (Desert)**

**Bioshesa (Biotimber)**

**Frinvely (Poultry)**

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# Activities implemented

- Participation of Local and International Experts in Companies' Assessment
- Assessment of Capabilities of Companies, Elaboration of New Strategy, Business Model and Action Plan with Consideration of Eco-Innovation Approaches.

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# New Business Models and Main Challenges

- Lack of sources of financing
- Lack of human resources
- Low awareness of customers
- Overconsumption of electricity and water
- Waste recycling
- Use of plastic packaging
- Lack of regulations/standards

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Designing a public investment programme to reduce agricultural waste

Waste management code



Waste management strategy 2030 and Action Plan 2016-2020



Background

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# National Waste Management Action Plan 2022-2026

[View](#)

**Georgia aspires to become a country focused on waste prevention and recycling**

**13 Objectives**

**27 Targets**

**86 Actions**

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# Updated strategy and plan

Situational analysis	Preparation process
<ul style="list-style-type: none"><li>• Evaluation of implemented activities</li><li>• Identification of Gaps</li><li>• Needs assessment</li><li>• Baseline data collection</li><li>• Outline of a Waste Management plan</li></ul>	<ul style="list-style-type: none"><li>• Legal-institutional analysis</li><li>• Development and validation of targets and measures for 2022-2026</li><li>• Development of baseline, intermediate and final indicators at the level of outcomes and outputs</li><li>• Identify risks &amp;constrains</li></ul>

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## Waste Management Strategy Objectives (2016-2030)

- **Objective 1.** Development, implementation, and enforcement of waste management legislation in line with EU requirements and international conventions
- **Objective 2.** Establishment of a waste management planning system at national and local levels
- **Objective 3.** Establishment and introduction of an effective waste collection and transportation system
- **Objective 4.** Ensuring the safe disposal of waste for human health and the environment
- **Objective 5.** Waste prevention, reuse, recycling and/or recovery
- **Objective 6.** Full cost recovery of Waste Management Costs in Accordance with the "Polluter Pays" Principle
- **Objective 7.** Promotion and implementation of Extended Producer Responsibility
- **Objective 8.** Establishment and implementation of a waste data and information management system
- **Objective 9.** Strengthening capacity and raising awareness about waste management

### NEW four Objectives, Amended in 2022

- **Objective 10.** Improvement of hazardous waste management
- **Objective 11.** Plastic Waste Management
- **Objective 12.** Creation and implementation of biodegradable waste collection and treatment systems
- **Objective 13.** Improvement of inert, construction and demolition waste management

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# Objectives , Targets and Actions

Objective 1. . Develop, implement and enforce waste management legislation

Actions 1.1. Improving the legal framework

by 2026

2 Draft Laws

3 normative acts

Package of amendments in legislation

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# Objectives , Targets and Actions

## Objective 2. Establishment of a Waste Management Planning System at National and Local Levels

### Target 2.1. Improvement of planning of municipal waste management

by 2024

For municipalities

For protected Areas

### Target 2.2. Promoting cooperation between the private and public sectors

by 2024

Arrangement of a pilot centre for waste collection

by 2026

Arrangement of municipal waste segregation facility

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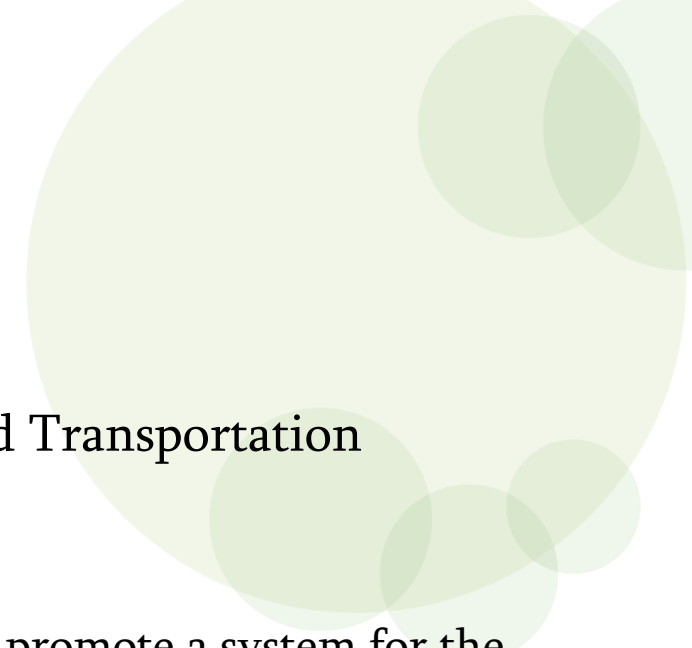


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# Objectives , Targets and Actions

## Objective 3. Establishment and Introduction of an Efficient Waste Collection and Transportation System

**Target 3.1.** Improvement of municipal waste collection system

by 2026

Separated collection municipal waste 100%  
municipal hazardous waste 75%

Providing municipalities with containers and waste collection trucks

**Target 3.2.** Establish and promote a system for the collection and treatment of inert waste, including waste from constructions and demolitions

**Target 3.4.** Improving the system of medical waste collection and disposal

by 2024

Construction and Demolition Waste Collection and Transportation Guidance, and Trainings for Municipalities and Private Sector

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# Objectives , Targets and Actions

## Objective 4. Ensuring the Safe Disposal of Waste for Human Health and the Environment

**Target 4.1.** New sanitary regional non-hazardous landfills and reloading stations

by 2026

8 new regional non-hazardous waste sanitary landfills will be constructed

**Target 4.2.** Closure of existing landfills

by 2026

22 existing landfills will be closed

**Target 4.3.** Closure / remediation and prevention of dumpsites

by 2026

Inventory and closure of all illegal dumpsites in municipalities

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# Objectives , Targets and Actions

## Objective 5. Waste prevention, reuse, recycling and / or recovery

**Target 5.1.** Development of prevention programs

by 2026

State Program for Waste prevention, reuse, recycling and / or recovery

Recommendations for full compliance with the requirements of waste management legislation in public procurement and tenders

**Target 5.2** Promotion and introduction of modern waste recycling and energy recovery technologies

by 2026

Needs assessment for introduction of modern waste recycling and energy recovery technologies

Action im

Implementation of circular economy approaches in waste management, waste recycling and energy recovery, preparation of state program

**Target 5.3.** Strengthen the capacity of waste monitoring

by 2026

Creation of a waste laboratory

Training of entities responsible for waste management control and supervision



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# Objectives , Targets and Actions

**Objective 6.** Complete Elimination of Waste Management Costs in Accordance With the "Polluter Pays" Principle

**Target 6.1** Improvement of the waste management full cost recovery system in each municipality

by 2026

Introduce an effective waste management tariff system in municipalities in accordance to the "Polluter Pays" Principle

Introduction and enforcement of "gate fee" at landfills

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# Objectives , Targets and Actions

## Objective 7. Promoting and Introducing Extended Producer Responsibility

### Actions 7.1. Achieve minimal indicators for various specific waste management

#### Collection of batteries and accumulators

by 2026

#### Tires

Category	Collection	Recycling
Portable battery, portable accumulator (out of the quantity placed on the market)	95%	65%
Motor accumulator, Industrial battery or industrial accumulator (generated from waste)	95 %	25%
Waste of lead-acid batteries and accumulators		75%
Waste of nickel and cadmium batteries and accumulators		75%
Waste of other batteries and accumulators		50%

	2023	2024	2025	2026
Recovery	20%	25%	30%	35%
Energy recovery	10%	12%	15%	18%
Recycling	10%	13%	15%	17%

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## Waste electrical and electronic equipment

by 2026

Category	Collection	Recovery	Recycling
Heat exchange equipment	45%	66%	65%
Screens, monitors, and equipment containing screens with an arealarger than 100 cm2	8%	30%	25%
Light bulbs	35%	80%	80%
Large equipment	55%	72%	70%
Small equipment	8%	30%	25%
Small information and telecommunication equipment	8%	30%	25%

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# Objectives , Targets and Actions

**Objective 8.** Establishment and Implementation of a Waste Data and Information Management System

**Target 8.1.** Establishment integrated waste databases  
(data collection, reporting and database)

by 2025

Development of an integrated electronic waste management database

by 2024

Development of guideline for waste data collection and reporting

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# Objectives , Targets and Actions

## Objective 9 Strengthening capacity and raising awareness about waste management

**Target 9.1** Improvement the capacity of public agencies involved in waste management

by 2024

Needs analysis of the institutional strengthening needs of the parties involved in the waste management sector

by 2026

Strengthen the capacity of public agencies involved in waste management

Strengthen the capacity of municipalities in the field of waste management

**Target 9.2.** Improvement of public awareness on waste management issues

by 2026

Raising awareness of the community and individual target groups in the field of waste management

**Target 9.3.** Strengthening of waste monitoring capabilities

by 2026

Establishment of waste analysis and research laboratory

by 2024

Training of persons responsible for waste control and supervision

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# Objectives , Targets and Actions

**Objective 10.** Improvement of hazardous waste management

**Target 10.1.** Creation and strengthening of hazardous waste recovery facilities

**Target 10.2.** Safe disposal of hazardous waste

by 2026

by 2026

Energy recovery technology is implemented in at least one facility

Evaluation of the existing hazardous waste recycling facilities, needs assessment and capacity building

At least one facility that meets international standards for hazardous waste disposal

Lentekhi Municipality (Cana) Existing / Historic Arsenic Waste Disposal Facility

Remediation of POPs dumpsite in Marneuli Municipality (Iagluja)

Arsenic waste disposal facility in Ambrolauri Municipality (Uravi)

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# Objectives , Targets and Actions

Objective 11. Prevention of Plastic Waste

Target 11.1. Improve the plastic waste management system

by 2026

Evaluation of the market for the use of single-use plastics , analyze alternatives and develop relevant recommendations

Assessment of river basins and marine litter and preparation of relevant recommendations

Evaluation of plastic wastes that does not fall within the scope of the Extended Producer Responsibility regulation and the development of relevant recommendations

Development of a normative act on the prevention of single-use plastics

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# Objectives , Targets and Actions

**Objective 12.** Creation and implementation of biodegradable waste collection and treatment systems

**Target 12.1.** Introduction of biodegradable waste composting practice

by 2026

Evaluation of the current situation of biodegradable waste generation, collection and composting at the national level and identification of needs

Biodegradable waste collection system created and 2 composting demonstration projects in the municipality

Demonstration project on composting practices on farms

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# Objectives , Targets and Actions

**Objective 12.** Creation and implementation of biodegradable waste collection and treatment systems

**Target 12.2.** Promote biodegradable waste conversion into energy

by 2026

Assessment of the needs and potential for conversion of biodegradable waste into energy through anaerobic digestion and implementation

Conduction of a pre-feasibility study for waste treatment systems, including mechanical anaerobic biological treatment (MBT) and implementation of biogas

Construction of MBT-waste mechanical-biological treatment facility

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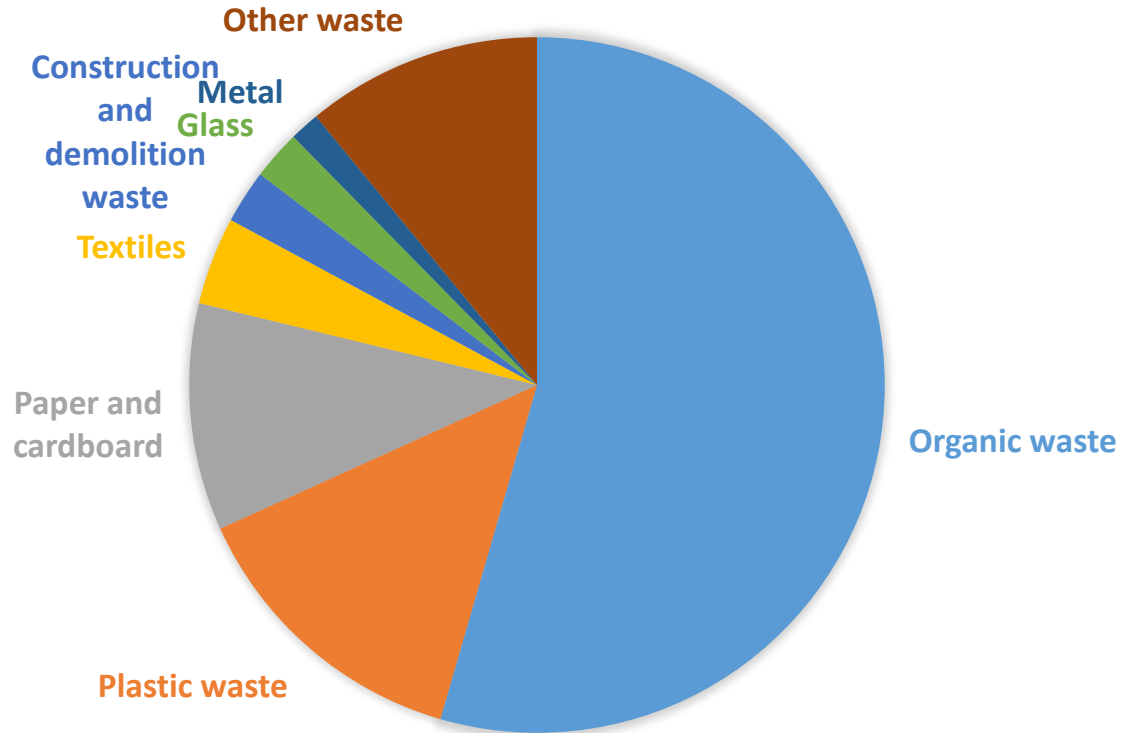


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## Waste



- Organic waste 54.7%
- Plastic waste 13.8%
- Paper and cardboard 10.6%
- Textiles 4.1%
- Construction and demolition waste 2.5%
- Glass 2.3%
- Metal 1.4%
- Other waste 11%

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# Objectives , Targets and Actions

## Objective 13 Improvement of inert waste management

**Target 13.1** Improvement of the legal framework and strengthening monitoring capabilities for inert, construction and demolition waste management

**Target 13.2** Introduction of modern techniques concerning the collection and recycling of inert, construction and demolition waste

by 2026

Sustainable Inert, construction and demolition waste management programs

Preparation of construction and demolition waste management related Legislation

New standards are adopted for construction and demolition waste use in concrete production

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# Reports

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Supported by: Federal Ministry for Economic Affairs and Climate Action  
on the basis of a decision by the German Bundestag



**Using biodegradable waste in Georgia with support of public expenditure**

Designing and costing a green public investment programme

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Funded by the European Union **EU4Environment** Green Economy in Eastern Partner Countries

The environmental compliance assurance system in **Georgia!**  
Current situation and recommendations



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Green Finance and Investment

**Access to Green Finance for SMEs in Georgia**





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# Progress in Four Result Areas

## 4.1 Protecting Biodiversity and Natural Ecosystems

- Advice on forest management guidelines for Emerald Sites:

Analysis of Emerald Sites management undertaken, recommendations on forest management in progress

- Regional Collaboration in Protecting Biodiversity & Ecosystems in Eastern Partnership Countries: TOR agreed, awaiting contract award

## 4.2 Enhancing strategic financing to forest and NRM system

- Community engagement in sustainable NRM: Contract awarded, meeting with client planned end-February

## 4.3 Promoting legal trade in wood products

- Supporting Legal and Deforestation-free Trade and Preventing illegal trade of wood products in Armenia, Georgia, and Moldova:

Contract awarded, meeting with client held on November 28, 2023, Inception report due

## 4.4. Enhancing strategic financing to forest and NRM sectors

- Identifying country investment and financing opportunities for forest and NRM: TOR agreed, awaiting contract award

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# Thank you for your attention

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