Joint-Stock Company “Zhasyl Damu”

REPORT
on the Implementation Progress of Extended Producer Responsibility (EPR) for 2024

Astana – 2025

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Introduction

This report has been prepared by Joint Stock Company «Zhasyl Damu» (hereinafter – the Company) in accordance with subparagraph 6) of paragraph 1 of Article 389 of the Environmental Code of the Republic of Kazakhstan and paragraphs 46 and 47 of the Rules for the Implementation of Extended Producer Responsibility (EPR), approved by the Resolution of the Government of the Republic of Kazakhstan dated October 25, 2021, No. 763 (hereinafter – the Rules).

In accordance with the Resolution of the Government of the Republic of Kazakhstan dated January 18, 2022, No. 20 "On Certain Issues of Subordinate Organizations of the Ministry of Ecology, Geology and Natural Resources of the Republic of Kazakhstan and on the Transfer of the Share in the Authorized Capital of the Limited Liability Partnership 'EPR Operator' from Private to State Ownership under a Gift Agreement," the Company was designated as the EPR operator, being an organization with 100% state ownership. Prior to January 18, 2022, the organization responsible for implementing the Extended Producer Responsibility (EPR) principle (hereinafter – EPR) was LLP «EPR Operator», a privately owned entity.

The transfer of EPR implementation functions to the Company involved a change in both the organizational and legal form and the ownership structure of the EPR operator. The requirements associated with the corporate form of a joint-stock company and state ownership rendered it impossible to fulfill certain obligations until the regulatory framework was aligned with the status of a state EPR operator. For the Company to operate fully in all areas of EPR activity, amendments to documents across all levels of the regulatory hierarchy, including laws and codes, were required, which entails a lengthy, multi-level approval process.

Following an analysis of the current regulatory legal acts (hereinafter – RLAs), in order to eliminate inconsistencies and obstacles in the exercise of the EPR operator's functions, proposals for amendments to the Environmental Code of the Republic of Kazakhstan and other RLAs were submitted to the authorized environmental authority.

The information presented in this report reflects the work carried out by the Company, taking into account operational limitations caused by the need for preliminary preparation of the regulatory and legal framework.

1. Data on Products and Their Packaging Released for Domestic Consumption within the Territory of the Republic of Kazakhstan

In accordance with paragraph 1 of Article 386 of the Environmental Code of the Republic of Kazakhstan (hereinafter – the Code), individuals and legal entities engaged in the production in the territory of the Republic of Kazakhstan and/or the import into the territory of the Republic of Kazakhstan of certain types of products (goods) listed by the authorized environmental authority are required to ensure the collection, transportation, preparation for reuse, sorting, treatment, recycling, neutralization, and/or disposal of waste generated after the loss of consumer properties of such products (goods).

According to paragraph 2 of Article 386 of the Code, the producers and importers referred to in paragraph 1 of Article 386 of the Code fulfill their Extended Producer Responsibility (EPR) obligations by one of the following methods:

1) through the application of their own system for the collection, transportation, preparation for reuse, sorting, treatment, recycling, neutralization, and/or disposal of waste;

2) by concluding an agreement with the Extended Producer Responsibility operator (hereinafter – the Operator) for the organization of collection, transportation, preparation for reuse, sorting, treatment, recycling, neutralization, and/or disposal of waste, submitting an application in accordance with the Rules for the Implementation of Extended Producer Responsibility, approved by the Government of the Republic of Kazakhstan, and transferring funds to the Operator's bank account in the form of a recycling fee.

In accordance with paragraph 1 of the Order of the Minister of Ecology, Geology and Natural Resources of the Republic of Kazakhstan dated November 9, 2022, No. 689, the List of Certain Types of Products (Goods) Produced in the Territory of the Republic of Kazakhstan and/or Imported into the Territory of the Republic of Kazakhstan by Individuals and Legal Entities has been approved. For these products, it is required to ensure the collection, transportation, preparation for reuse, sorting, treatment, recycling, neutralization, and/or disposal of waste generated after the loss of consumer properties.

Disposal Payments

In accordance with subparagraph 1) of paragraph 14 of the Rules, the submission of an application for the payment of a disposal payment and receipt of a certificate of payment of the disposal payment (hereinafter - applications) by producers and importers is carried out through the Internet resource of the ROP Operator or on paper.

During 2024, all applications were submitted through the information system app.recycle.kz. From January 1 to December 31, 2024, the EPR Operator issued 328,978 certificates of disposal payment (hereinafter - CDPs) for vehicles

(hereinafter - V) and self-propelled agricultural machinery (hereinafter - SPAM) imported and produced in the Republic of Kazakhstan.

Table № 1

Number of units of imported and produced V and SPAM in 2024, units.

Category	Producers	Importers	Total
M1	123 903	149 245	273 148
M1G	1 633	11 644	13 277
M2	803	290	1 093
M2G	85	50	135
M3	2 504	953	3 457
M3G	79	4	83
N1	3 489	3 582	7 071
N1G	1 418	3 523	4 941
N2	600	1 311	1 911
N2G	11	62	73
N3	534	10 934	11 468
N3G	1 031	2 074	3 105
КОМБАЙН	1 248	92	1 340
ТРАКТОР	6 861	1 015	7 876
Overall Total	**144 199**	**184 779**	**328 978**

In addition, 29,794 CDPs were issued for products (goods) subject to EPR, covering 313,322 items of products and goods with a total weight of approximately 448.7 thousand tons.

Table № 2

Products (goods, packaging) for which disposal payments were made in 2024.

Product Groups	Mass, tons
Electric accumulators, including separators for them	13,074
Handmade, uncoated paper and cardboard used for writing, printing, or other graphic purposes	86
Newspapers, magazines, and other periodicals, illustrated or unillustrated, containing or not containing advertising material	7
Rubber, rubber products, and articles made thereof	114,670
Large-sized electrical and electronic equipment	7,274
Incandescent or gas-discharge lamps, including sealed directional lamps, as well as ultraviolet or infrared lamps; mercury-containing arc lamps	24
Oil and petroleum products (except crude)	189,995
Polymer, glass, paper, cardboard, metal packaging, and packaging made of combined materials	103,915
Tableware and kitchenware, cutlery and other household items, hygiene or toilet items made of plastics	1,362

Other chemical products	2,791
Small electrical and electronic information equipment	248
Small-sized electrical and electronic equipment	4,542
Electrical and electronic equipment equipped with screens and monitors	1,729
Electrical and electronic equipment containing heat transfer fluids	9,031
Total	**448,748**

Disposal Payment Receipts

- 269,593 million KZT from the production and import of vehicles (Vs);
- 21,087 million KZT from the production and import of agricultural machinery (AM);
- 15,533 million KZT from other products subject to EPR (including automotive components, packaging, electrical and electronic equipment, etc.).

Application of Own System for Collection, Transportation, Preparation for Reuse, Sorting, Treatment, Recycling, Neutralization, and/or Disposal of Waste

In accordance with paragraph 4 of Article 386 of the Code, the requirements for a producer's or importer's own system are determined by the authorized environmental authority.

The requirements for the application of a producer's and/or importer's own system are approved by the Order of the Minister of Ecology, Geology and Natural Resources of the Republic of Kazakhstan dated November 9, 2022, No. 688.

According to paragraph 2 of Article 392 of the Code, producers (importers) that have their own system, as confirmation of fulfilling EPR obligations in accordance with the procedure established by the authorized environmental authority, submit to the authorized environmental authority documents confirming the collection, transportation, preparation for reuse, sorting, treatment, recycling, neutralization, and/or disposal of waste generated after the loss of consumer properties of products (goods) subject to Extended Producer Responsibility.

The Rules for submitting documents by producers (importers) with their own system as confirmation of compliance with EPR obligations to the authorized environmental authority are approved by the Order of the Minister of Ecology, Geology and Natural Resources of the Republic of Kazakhstan dated November 9, 2022, No. 690.

As of December 31, 2024, the authorized environmental authority received documents from 10 companies confirming the fulfillment of Extended Producer Responsibility through the application of their own system.

Table №3

List of Legal Entities that Submitted Documents on EPR Compliance through the Application of Their Own System

No.	Applicant Name	Type of Waste / Product (Goods)
1	LLP «SAN CORPORATION»	Tires
2	LLP «Semipalatinsk Oil Plant»	Oil
3	LLP «ALTRA TYRES»	Tires
4	LLP «HILL Corporation»	Oil
5	LLP «PromZashchita»	Used Batteries
6	LLP «SAN TYRES»	Tires
7	LLP «VOSTOK MARKET»	Tires
8	LLP «SHIN LINE»	Tires
9	LLP «Tandem-PV»	Used Batteries
10	LLP «Kainar AKB»	Used Batteries

From this list, the authorized body in the field of environmental protection confirmed the fulfillment of EPR through the application of their own system for the first half of 2024 to 2 companies, and for the second half of 2024 (in 2025) confirmed the fulfillment of EPR through the application of their own system to 6 companies.

Table № 4

Mass of imported/sold products and waste recycling within the framework of the application of their own system, in tons.

Name	Import	Processing	Share, %
Tires	18,709.66	7,122.8	38.1
Used Batteries	939.49	643.56	68.5
Oil	58.37	19.36	33.2

2. Information on the volume of waste subject to recycling (broken down by each component in the waste composition) and the indicator of the actual volume fulfilled

In accordance with paragraph 4 of Article 323 of the Code, waste disposal is understood as the process of using waste for purposes other than recycling, including as a secondary energy resource for extracting thermal or electrical energy, producing various types of fuel, as well as a secondary material resource for construction purposes, filling (sealing, backfilling) of worked-out spaces (voids) in the earth or subsoil, or for engineering purposes in creating or modifying landscapes. Due to the lack of reliable data on enterprises engaged in the use of waste for purposes other than recycling, including as a secondary energy resource, as well as technologies and regulatory legal acts allowing the use of waste as various types of fuel, the

presentation of information on the actually fulfilled volume of waste disposal is not possible.

For monitoring and accounting of data on waste collection and recycling, the automated information system EcoQolday was used, the operation of which was resumed on February 5, 2024, based on Order No. 332 of the Minister of Ecology and Natural Resources of the Republic of Kazakhstan dated November 27, 2023, regulating the procedure for financing measures for waste collection and recycling. Actual data for 2024 are presented below.

- August 2024: 15 Payment Reports submitted (13 collectors and 1 processor; among the 13 collectors, one submitted 2 Reports). 2 Reports were approved, 13 Reports rejected.
- September 2024: 27 Payment Reports submitted by 18 companies (13 collectors, 4 processors, 1 full-cycle). 3 Reports approved, 24 Reports rejected.
- October 2024: 17 Payment Reports submitted by 14 companies (11 collectors, 3 processors). 4 Reports approved, 13 Reports rejected.
- November 2024: 24 Payment Reports submitted by 19 companies (15 collectors, 4 processors). 6 Reports approved, 18 Reports rejected.
- December 2024: 30 Payment Reports submitted by 26 companies (17 collectors, 6 processors, 3 full-cycle). 3 Reports approved, 27 Reports rejected.

From August to December 2024, a total of 10.3 thousand tons of packaging waste were sent for processing via the EcoQolday system (paper – 8.6 thousand tons, plastic – 183 tons, glass – 1.5 thousand tons).

In 2024, payments totaling 30.2 million KZT were made, including 27.2 million KZT to collectors for 561.5 tons of glass and 3 million KZT to processors for 561.5 tons of glass.

3. Information on the work carried out to organize the collection, transportation, preparation for reuse, sorting, processing, recycling, neutralization, and/or disposal of waste generated after the loss of consumer properties of products and their packaging

Resumption of the EcoQolday program

The Operator carried out work to improve the EcoQolday information system in terms of bringing it into compliance with the current norms of the legislation of the Republic of Kazakhstan.

Prior to the entry into force of Order No. 332 of the Minister of Ecology and Natural Resources of the Republic of Kazakhstan dated November 27, 2023 (this order came into force on February 5, 2024), representatives of the Operator began explanatory work on the resumption of the EcoQolday system on December 14, 2023, at the site of the NCE “Atameken” in the city of Almaty. Explanatory work was carried out in a hybrid format for business entities in the field of waste management, which are subject to extended producer (importer) obligations, on the application of Order No. 332 of the Minister of Ecology and Natural Resources of the Republic of Kazakhstan dated November 27, 2023, through the EcoQolday information system.

The event was attended by industry associations representing waste collectors and recyclers, representatives of regional and city akimats, as well as business entities engaged in the collection, transportation, preparation for reuse, sorting, processing, recycling, neutralization, and/or disposal of waste generated after the loss of consumer properties of products (goods) to which the extended producer (importer) obligations apply. At the meeting, issues were considered and answers were provided to frequently asked questions from business entities engaged in and intending to carry out the collection and recycling of waste, as well as representatives of industry associations.

Diagram No. 1

Average composition of municipal waste across the country in 2024



Data from the Ministry of Ecology and Natural Resources (MENR) of the RK

Diagram No. 2

Mass of Recycled Plastic, Glass, and Paper Waste in 2024 Recorded in the EcoQolday Automated Information System, in thousands of tons



8,6 thousand tons of paper



1,5 thousand tons of glass

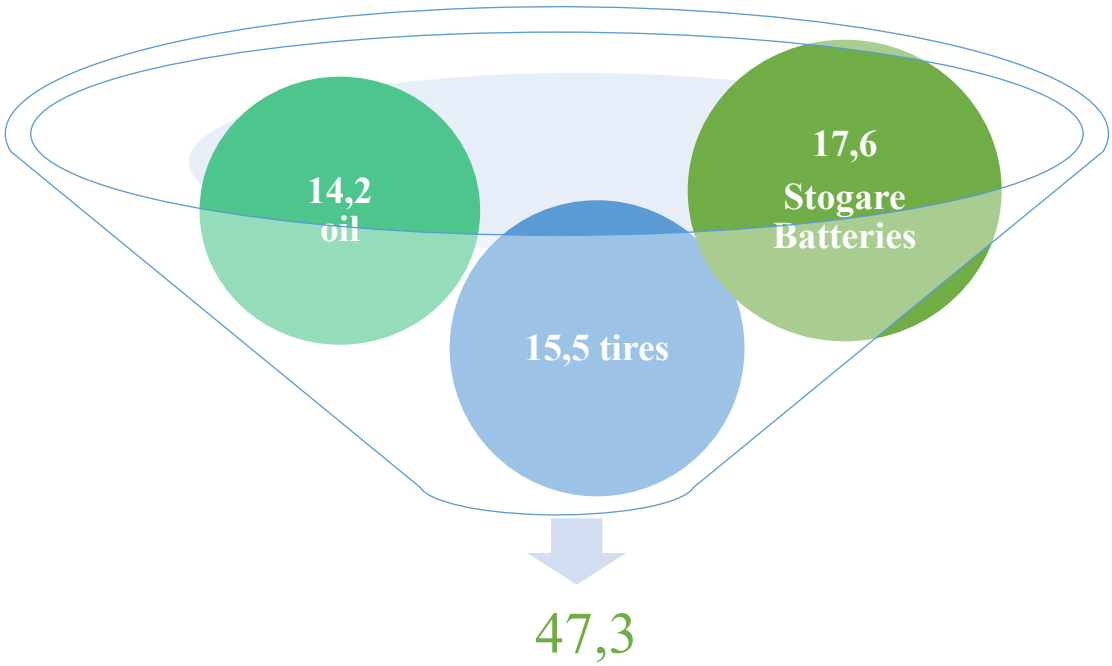


183 tons of plastic

Data from the EcoQolday AIS

Diagram No.3

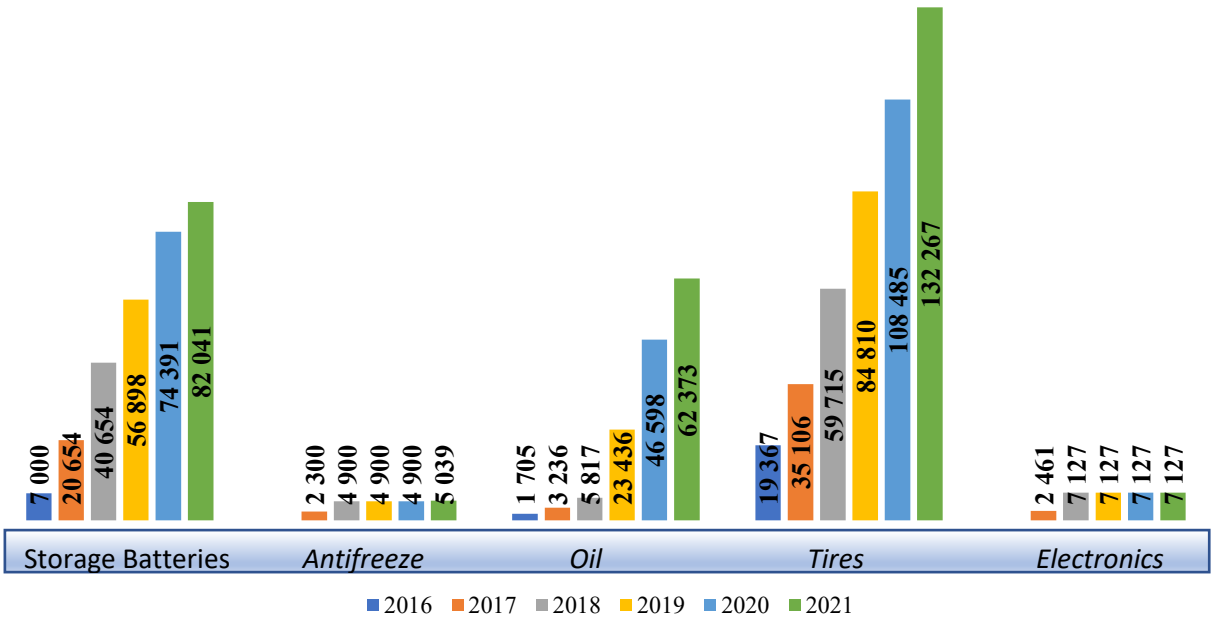
Mass of Recycled Auto Component Waste in 2024, in thousands of tons (by main fractions)



Data from the EcoQolday AIS
**SB-Storage Batteries*

Diagram No.4

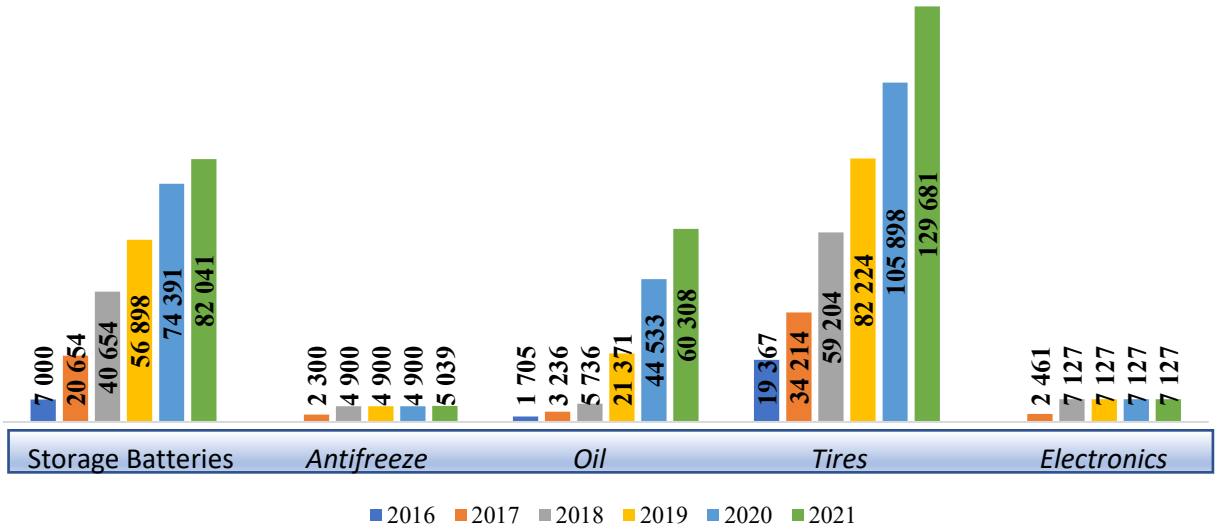
Collection of Auto Component and Electronics Waste, in tons (cumulative)



Data: LLP «EPR Operator»
SB – Storage Batteries

Diagram No.5

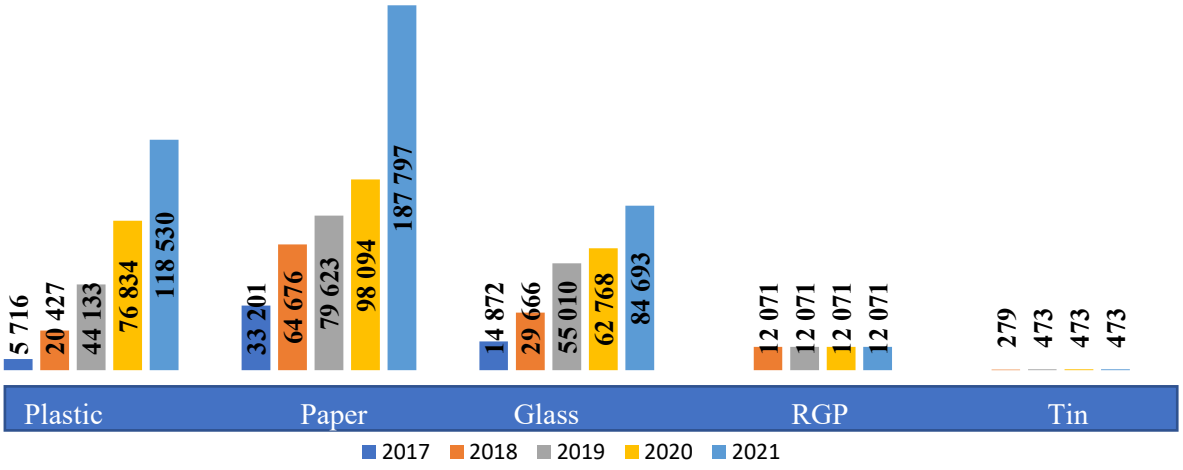
Disposal of Auto Component and Electronics Waste, in tons (cumulative)



Data: LLP «EPR Operator»
SB – Storage Batteries

Diagram No.6

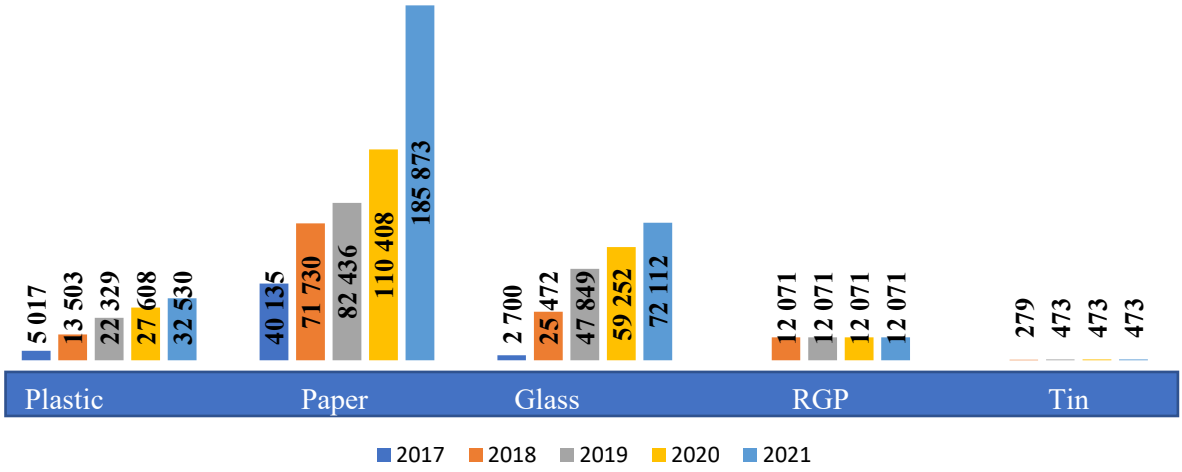
Collection of Packaging Waste, in tons (cumulative)



Data: LLP «EPR Operator»
** RGP - Reusable Glass Packaging*

Diagram No.7

Disposal of Packaging Waste, in tons (cumulative)



Data: LLP «EPR Operator»

Since February 5, 2024, the Order of the Minister of Ecology and Natural Resources of the Republic of Kazakhstan dated November 27, 2023, No. 332 came into force, based on which business entities began submitting applications for registration in the EcoQolday information system. Consequently, information for 2022–2023 cannot be provided due to the absence of concluded agreements with business entities.

As of the end of 2024, 101 companies were registered in the EcoQolday system, of which applications from 56 companies were approved, including (Appendix No. 1 to this Report):

1. Collectors – 34;
2. Processors – 16;
3. Full-cycle – 6.

For user convenience, a mobile application was developed.

According to the reports submitted for August–December, the total waste processed amounted to 10.3 thousand tons.

Table №5

Processing Volumes in 2024, in Thousand Tons

Waste	Processed, thousand tons
Paper	8.6
Glass	1.5
Plastic	0.2
Total	**10.3**

Data from the EcoQolday AIS

End-of-Life Vehicles and Self-Propelled Agricultural Machinery (hereinafter – ELVs and ELSPAM, respectively)

In accordance with paragraph 2 of Article 389 of the Code, the Extended Producer Responsibility (EPR) Operator spends the disposal payment in accordance with Article 388 of this Code, as well as with the development strategy of the Extended Producer Responsibility (EPR) operator agreed with the authorized body in the field of environmental protection, which includes the priority of using disposal payment funds for purposes that are not recouped by funds paid by individuals and legal entities at tariffs for the collection, transportation, sorting and disposal of municipal solid waste in settlements.

In 2024, the priority of using disposal payment funds was determined in the following areas:

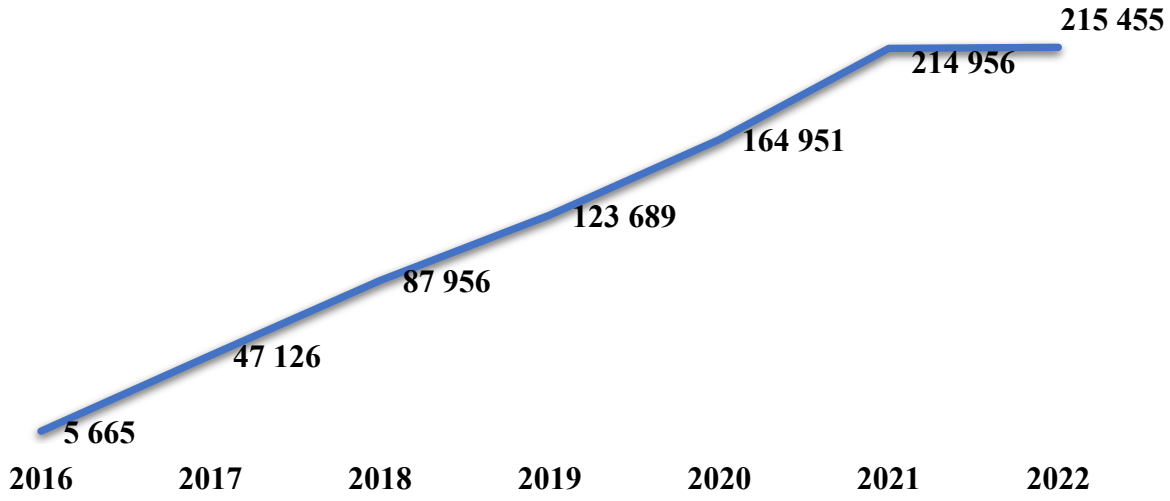
1. Preferential financing of projects in the field of waste management for the purchase of garbage trucks, construction and logistical re-equipment of waste sorting lines and waste processing enterprises in the regions. The implementation of these projects will allow:
   - increase the annual waste sorting capacity by 2.9 million tons (current capacity is 1.7 million tons, planned waste sorting capacity after project implementation is 4.6 million tons);
   - increase waste processing capacity by 1.2 million tons (current capacity is 1.1 million tons, planned waste processing capacity after project implementation is 2.3 million tons);
   - purchase 92 units of special equipment for collecting and transporting waste in the regions.
2. Financing of preferential leasing of special equipment for the purchase of:
   - firefighting equipment for organizing the prevention of forest fires and their extinguishing by forestry institutions and environmental organizations;
   - special equipment for updating the technical base of organizations of the Ministries of Emergency Situations and Water Resources and Irrigation of the Republic of Kazakhstan;
   - road maintenance equipment for the maintenance of highways of republican and international importance by the National Operator for the Management of Highways;
   - buses for updating the bus fleet in the regions.
3. Resumption of the program to support business entities engaged in the collection, transportation and processing of waste - “EcoQolday”.

Detailed information on priority areas is presented in the relevant sections of this Report.

The following is information on the dynamics of ELV and ELSPAM disposal for the periods of activity since the introduction of extended producer responsibility (EPR), according to the data of the automated information system, presented in diagrams 8 and 9.

Diagram No. 8

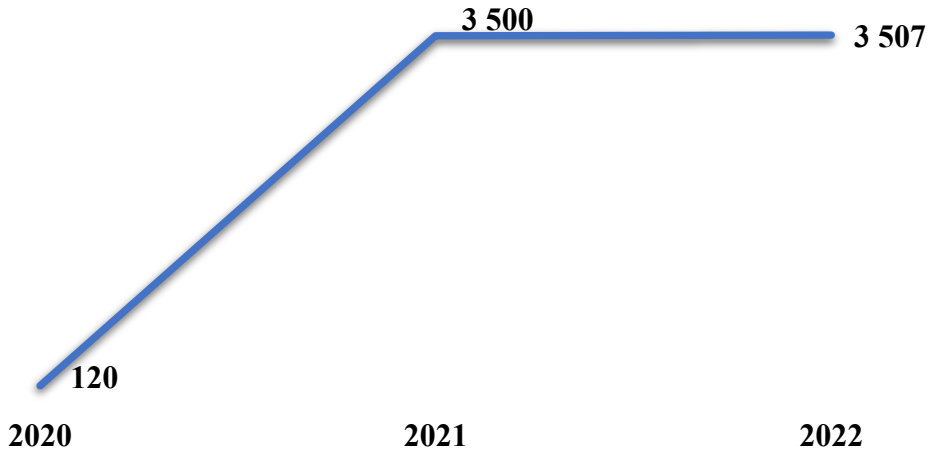
Dynamics of ELV (cumulative) in units.



Data: LLP «EPR Operator»

Diagram No. 9

Dynamics of ELSPAM (cumulative) in units.



Data: LLP «EPR Operator»

Since 2016, 197,816 units of ELV and ELSPAM have been disposed of from those accepted for disposal, in accordance with the signed acts of completed work.

In order to resume the program for the processing/disposal of ELV/ELSPAM, Order No. 243 of the Acting Minister of Ecology and Natural Resources of the Republic of Kazakhstan dated October 10, 2024, amended and supplemented the Rules for directing money by the operator of extended producer (importer) obligations received into his bank account from producers and importers to organize the collection, transportation, preparation for reuse, sorting, processing, recycling, neutralization and (or) disposal of waste generated after the loss of consumer properties of products (goods) to which the extended producer (importer) obligations

apply through payments, which came into force on October 28, 2024, and implies the possibility of participation in the program of all business entities engaged in the processing of ferrous metal, without the monopoly of one enterprise.

4. Information on the work carried out to stimulate the production of environmentally friendly motor vehicles and SPAM in the Republic of Kazakhstan

The disposal payment funds are directed by the Operator in accordance with subparagraph 3) of paragraph 1 of Article 388 of the Environmental Code of the Republic of Kazakhstan to domestic manufacturers of environmentally friendly Vs and SPAM.

According to the results of 2024, in accordance with the applications sent by manufacturers of Vs and SPAM through the AIS "Accounting for Disposal Payment Receipts" (App.recycle.kz), funds in the amount of 122.7 billion tenge were allocated for the production of 139,444 units of Vs and SAM for 4,122 applications.

In order to implement Resolution No. 604 of the Government of the Republic of Kazakhstan dated September 2, 2021, in 2024, the Company provided financing to JSC "Industry Development Fund" (hereinafter – JSC "IDF") in the amount of 117 billion tenge to finance preferential leasing of special equipment:

1) for the purchase of domestically produced firefighting equipment that meets environmental requirements for organizing the prevention of forest fires and their extinguishing by forestry institutions and environmental organizations in the amount of 35 billion tenge.

A Loan Agreement No. 16-7/50 dated October 23, 2024, was concluded between JSC "Zhasyl Damu" and JSC "IDF" for the amount of 35 billion tenge. JSC "Zhasyl Damu" transferred to JSC "IDF" - October 24, 2024. In turn, JSC "IDF" transferred 1.6 billion tenge to domestic equipment producers.

For reference. As of December 31, 2024, the total number of financed equipment is 196 units, including:

- *Akmola region – 55 units;*
- *Aktobe region – 3 units;*
- *Almaty region – 3 units;*
- *Atyrau region – 6 units;*
- *East Kazakhstan region – 8 units;*
- *West Kazakhstan region – 15 units;*
- *Karaganda region – 21 units;*
- *Kostanay region – 15 units;*
- *Kyzylorda region – 3 units;*
- *Mangystau region – 3 units;*
- *Abai region – 5 units;*
- *Pavlodar region – 47 units;*
- *Turkestan region – 5 units;*
- *Shymkent – 7 units;*

2) for the purchase of domestically produced equipment that meets environmental requirements to update the technical base of organizations of the Ministries of Emergency Situations and Water Resources and Irrigation of the Republic of Kazakhstan in the amount of 50 billion tenge.

A Loan Agreement No. 16-7/49 dated October 10, 2024, was concluded between JSC "Zhasyl Damu" and JSC "IDF" for 50 billion tenge, which was fully transferred to JSC "IDF" - October 14, 2024. JSC "IDF" transferred 37.4 billion tenge to domestic equipment producers.

For reference. As of December 31, 2024, the total number of financed equipment is 681 units, including:

- *East Kazakhstan region – 32 units;*
- *Zhambyl region – 9 units;*
- *Kyzylorda region – 9 units;*
- *Kostanay region – 13 units;*
- *Mangystau region – 7 units;*
- *Abai region – 13 units;*
- *Ulytau region – 10 units;*
- *Pavlodar region – 12 units;*
- *Jetysu region – 8 units;*
- *Atyrau region – 8 units;*
- *Aktobe region – 54 units;*
- *West Kazakhstan region – 10 units;*
- *Akmola region – 13 units;*
- *Almaty region – 31 units;*
- *Karaganda region – 31 units;*
- *North Kazakhstan region – 13 units;*
- *Astana – 342 units;*
- *Almaty – 10 units;*
- *Turkestan – 8 units;*
- *Shymkent – 48 units;*

3) for the purchase of vehicles in the Republic of Kazakhstan, within the framework of conditional financing of socio-entrepreneurial corporations under local executive bodies and/or carriers purchasing domestically produced buses in the amount of 15 billion tenge.

A Loan Agreement No. 16-7/48 dated October 9, 2024, was concluded between JSC "Zhasyl Damu" and JSC "IDF" for the amount of 15 billion tenge. JSC "Zhasyl Damu" transferred to JSC "IDF" - October 11, 2024. JSC "IDF" transferred 99.9 million tenge to a domestic bus manufacturer.

For reference. As of December 31, 2024, the total number of financed equipment is 5 units, including:

- *Mangystau region – 5 units.*

4) for the purchase of domestically produced road maintenance equipment that meets environmental requirements for the maintenance of highways of republican and international importance by the National Operator for the

Management of Highways (JSC "NC KazAvtoZhol") in the amount of 17 billion tenge.

A Loan Agreement No. 16-7/63 dated December 27, 2024, was concluded between JSC "Zhasyl Damu" and JSC "IDF" for the amount of 17 billion tenge. The funds were transferred to JSC "IDF" on December 27, 2024. As of December 31, 2024, the development by JSC "IDF" has not begun.

5. Information on the implementation of new technologies for collecting and using waste as secondary raw materials, and the construction of plants (production facilities) for sorting and/or using municipal solid waste and secondary resources.

Implementation of new technologies for collecting and using waste as secondary raw materials

As part of the first stage of consideration of investment projects, which is held at a meeting of the Investment Headquarters under the Ministry of Ecology and Natural Resources of the Republic of Kazakhstan, LLP "ADC TAZA ALEM" presented a project that provides for the use of the latest INEVA technology for environmentally safe and efficient disposal of various types of waste, including sewage sludge, animal waste and municipal waste. This technology, developed jointly with TÜBİTAK, uses a fluidized bed reactor for safe combustion and waste processing with minimal emissions and low labor costs. In addition to disposal, the technology allows energy to be extracted, which contributes to improving the environment and public health.

INEVA's technology was developed for the environmentally safe and economical disposal of the most environmentally problematic waste worldwide: sewage sludge, animal waste, municipal waste, municipal and industrial waste, biomass waste and other similar waste. In addition, as a result of disposal, INEVA technology is a waste disposal system that allows for energy recovery. The main element of the technology is a fluidized bed reactor, which includes suspended materials, into which a mixture of air and gas is pumped in a controlled manner. The method of burning sewage sludge has been around for over 60 years. INEVA, in collaboration with the Scientific and Technological Research Council of Turkey (TÜBİTAK), developed the technology of incineration in a fluidized bed furnace with suspended particles. INEVA technology is more efficient than traditional technologies. With the help of INEVA modular technology, waste/sewage sludge is disposed of with safe emissions at minimal labor costs. INEVA technology is 100% Turkish technology. The INEVA production complex for the production of fluidized bed equipment is located in Bursa, Turkey.

Construction of Plants for Sorting and/or Utilization of Municipal Solid Waste and Secondary Resources

In accordance with subparagraph 15) of paragraph 1 of Article 388 of the Environmental Code of the Republic of Kazakhstan, organizations more than fifty percent owned by the state or a national managing holding may receive financing for projects in the processing industry. These projects must aim at improving the

environmental situation. The rules and conditions for providing such financing are established by the Resolution of the Government of the Republic of Kazakhstan dated September 2, 2021, No. 604.

The projects approved by the Investment Headquarters of the Ministry of Ecology, Geology and Natural Resources of the Republic of Kazakhstan for the construction of waste processing plants include the following:

1. Construction of a plant for processing municipal solid waste, bulky materials, and reinforced concrete products in Almaty Region, with a processing capacity of 320 thousand tons per year. Applicant: LLP «ADC TAZA ALEM».
2. Construction of a glass processing plant in Kyzylorda Region, with a processing capacity of 86 thousand tons per year. Applicant: LLP «Seven Rivers Technologies».
3. Construction of a paper recycling and cardboard production plant in Almaty city, with a processing capacity of 150 thousand tons per year for waste processing and corrugated packaging production. Applicant: LLP «KZ Recycling».

Reference: At the time of preparation of this Report, the construction of this plant has been financed by the Company in the amount of 37,089 million KZT.

6. Information on improving the material and technical base of organizations engaged in the collection and/or use of secondary resources, the collection, sorting, and/or use of municipal solid waste

The Government of the Republic of Kazakhstan, within the framework of Resolution No. 604 of September 2, 2021, approved a mechanism for preferential financing of projects in the field of waste management – this is the acquisition of garbage trucks, sorting lines, and processing facilities. Financing is provided through JSC “Industry Development Fund” with a remuneration rate of 3% and a loan term of 3 to 15 years. The total amount of allocated funds is about 200 billion tenge for 3 years.

The project team at the Ministry of Ecology and Natural Resources of the Republic of Kazakhstan held meetings with all akimats, as well as representatives of the industry business. When considering projects, special attention was paid to the analysis of the current situation with municipal waste in the regions and the effectiveness of projects from the point of view of a systemic solution to existing problems. As a result, 94 projects were selected, providing for the acquisition of special equipment and containers, the construction and modernization of waste sorting lines and waste processing plants.

Subsequently, during 2024, within the framework of the first stage of consideration of investment projects, 12 meetings of the Investment Headquarters under the Ministry of Ecology and Natural Resources of the Republic of Kazakhstan were held, where 56 projects were approved, including: 9 projects for the acquisition

of special equipment for 5.1 billion tenge, 19 projects for waste sorting for 96.9 billion tenge, 28 projects for processing for 181.2 billion tenge. The total amount of projects amounted to 283.2 billion tenge.

Financing of these projects (in case of passing the second stage of consideration of projects in JSC "IDF") will allow increasing the annual capacity of waste sorting by 2.9 million tons, waste processing by 1.2 million tons, as well as purchasing 92 units of special equipment for collecting and transporting waste in the regions.

Table №6

Information on projects approved at the Investment Headquarters*

№	Region / City of Republican Significance	Jobs Created	Number of Projects	Amount (billion KZT)
1	Astana	706	7	25
2	Almaty	50	2	44.2
3	Shymkent	113	2	2.7
4	Abai Region	80	2	2.1
5	Akmola Region	103	4	7.5
6	Aktobe Region	725	3	55.8
7	Almaty Region	146	1	32.6
8	Atyrau Region	240	6	5.2
9	East Kazakhstan Region	25	2	2
10	Zhambyl Region	80	1	0.88
11	Jetisu Region	13	1	0.92
12	West Kazakhstan Region	5	1	0.29
13	Karaganda Region	28	1	0.18
14	Kostanay Region	265	4	7.6
15	Kyzylorda Region	516	8	41.1
16	Mangystau Region	390	3	11.6
17	Pavlodar Region	512	4	18.4
18	North Kazakhstan Region	342	1	23.6
19	Turkestan Region	31	2	0.46
20	Ulytau Region	80	1	0.89

Total	**—**	**4,450**	**56**	**283.2**

**Including the construction of the 3 waste processing plants mentioned in Section 5 of this Report*

In 2024, with financial support from the Company, the following projects were funded:

- Shymkent city: "Modernization of the production for recycling automotive tire waste with expansion of the finished product range," implemented by LLP "ECO Tire," for KZT 500 million;
- Kostanay region: "Modernization of production facilities for the recycling and disposal of rubber-technical products," implemented by LLP "Edil and Company," for KZT 92 million;
- Kostanay region: "Organization of municipal solid waste sorting and construction waste recycling," implemented by LLP "Rudny-ABAT-2006," for KZT 311.8 million;
- Akmola region: "Acquisition of special equipment for providing collection and transportation services for municipal and industrial waste," implemented by LLP "Sheber Spetsmash," for KZT 22.89 million;
- Pavlodar region: "Construction of a waste recycling plant in Pavlodar," implemented by LLP "Sorting Center," for KZT 2,620 million.

It should also be noted that, under subparagraph 10) of paragraph 1 of Article 388 of the Environmental Code, the Operator directs funds received as utilization fees to implement technologies in Kazakhstan for the collection, transportation, preparation for reuse, treatment, sorting, processing, and/or disposal of waste; construction of plants for reuse, treatment, processing, sorting, and/or disposal of waste; improvement of the material and technical base of organizations engaged in collection, transportation, preparation for reuse, sorting, treatment, processing, and/or disposal of waste; and organization of energy recovery from waste through financing via financial institutions for further project financing. The corresponding procedure has been developed and submitted for approval.

7. Information on the creation and development of the electric vehicle charging station (EVCS) network

During 2024, LLP "EVCS Operator" carried out activities to modernize the charging infrastructure for electric vehicles across the Republic of Kazakhstan.

As part of these works, outdated charging stations were dismantled, and installation of new-type charging stations began at previously designated and equipped connection points.

During the reporting period, the EVCS Operator held negotiations with potential partners regarding the provision of land plots for EVCS installation. As a result of these negotiations, land-use agreements were signed with several organizations.

In 2024, the Operator transferred 24 connection points to the investor LLP "Kaz Green Invest" for subsequent installation and commissioning of EVCS. By the end

of the year, modernization of 16 charging stations was completed, including 3 stations in Almaty and 13 stations in Astana.

In September 2024, by decision of the Board of Directors of the Company, as the Sole Shareholder of LLP "Extended Producer Responsibility Operator," it was decided to merge LLP "EVCS Operator" into LLP "Extended Producer Responsibility Operator."

Appendix No. 1

List of Business Entities

№	Name	Type of Activity	Region	BIN/IIN
1	LLP "KazMakTrade"	Collector (Paper, Glass, Plastic)	Almaty Region	210640001171
2	IE "DEMETRA.KZ"	Collector (Paper, Plastic)	Taraz	850626301048
3	IE "Big Deal"	Collector (Glass)	Almaty	651114400261
4	IE "Ersalimova"	Collector (Paper)	Semey	660122402290
5	LLP "Batys Kagazy"	Collector (Paper)	Aktobe	210640012503
6	LLP "Eco Waste Aqtau"	Collector (Paper, Plastic)	Aktau	171040012603
7	LLP "Zhetysu Recycling"	Collector (Paper, Plastic)	Almaty	210640004710
8	IE "Shakirov"	Collector (Paper)	Aktau	900413301785
9	LLP "RRR Technology"	Collector (Paper, Plastic)	Karaganda	190740015585
10	IE "ECO OMIR"	Collector (Paper)	Taraz	810326401908
11	IE "Ivankina A.V."	Collector (Paper, Glass, Plastic)	Kokshetau	810724450583
12	IE "Petrenko I.V."	Collector (Paper, Glass, Plastic)	Kostanay	871227350291

13	IE “Antipin Vladimir Ivanovich”	Collector (Paper, Glass, Plastic)	Temirtau	680309350115
14	IE “Torebekov”	Collector (Glass)	Almaty Region	760908302228
15	LLP “AlatauEcoVtor”	Collector (Paper, Glass, Plastic)	Almaty	171040021028
16	LLP “Qurmet Trade”	Collector (Paper)	Shymkent	200740000234
17	IE “Suleimenov”	Collector (Paper, Glass, Plastic)	Shymkent	661013301830
18	IE “Ustimenko Yaroslav Vladimirovich”	Collector (Paper, Plastic)	Kostanay	790803301056
19	LLP “Vtorsyr’e Karaganda”	Collector (Paper, Plastic, Glass)	Karaganda	160540004874
20	IE “Yasar”	Collector (Paper)	Taraz	710108300947
21	LLP “ECOSEN”	Collector (Paper, Glass, Plastic)	Almaty	210240020639
22	LLP “AstanaQagazy”	Collector (Paper)	Astana	240240001033
23	LLP “ZHAR-2017”	Collector (Paper, Glass, Plastic)	Zhezkazgan	170640026622
24	LLP “Er-AgroService”	Collector (Paper)	Pavlodar	160940005113
25	IE “Baipeisov T.M.”	Collector (Paper, Plastic)	Semey	630207300135
26	IE “Aitenov”	Collector (Paper)	Aktobe	880520302213
27	LLP “Zhenimpaz”	Collector (Paper)	Uralsk	030240004232
28	LLP “ECO RECYCLING SERVICES”	Collector (Paper)	Almaty	200740025051
29	IE “SULTAN”	Collector (Glass)	Almaty Region	980704300119
30	LLP “Eco Clean KZ”	Collector (Paper)	Astana	210940024270
31	IE “EnkoMi”	Collector (Glass)	Almaty Region	791119302871
32	LLP “Cleaning Company EcoComfort”	Collector (Paper)	Karaganda	130940010025
33	LLP “EKOqala”	Collector (Paper)	Kyzylorda	210240015167
34	IE “ReClaim”	Collector (Paper, Glass, Plastic)	Astana	930910351580
35	LLP “Marqatay”	Processor (Plastic)	Astana	060540007530
36	LLP “Qazaq Glass Company”	Processor (Glass)	Almaty	180540035372
37	LLP “Raduga”	Processor (Paper, Plastic)	Petropavlovsk	940640000716

38	LLP “GREEN PARK KOKSHETAU”	Processor (Plastic)	Petropavlovsk	180440035458
39	IE “Sauran Plast”	Processor (Plastic)	Turkestan Region	801121300038
40	LLP “KZ Recycling”	Processor (Paper, Plastic)	Almaty Region	210640008862
41	LLP “Evrokrystall”	Processor (Glass)	Shymkent	111240008295
42	LLP “Vtor Polymer”	Processor (Plastic, Composite Materials)	Kokshetau	220340034238
43	LLP “NURKAGAZY”	Processor (Paper)	Almaty	080940009753
44	LLP “Dostyk i K”	Processor (Glass)	Taraz	040340000057
45	LLP “AlmatySteklo”	Processor (Glass)	Almaty	100940018332
46	LLP “INTER MULTI SERVICE”	Processor (Paper)	Almaty	080240023694
47	LLP “SHYMKENT QAGAZY”	Processor (Paper)	Shymkent	180640036493
48	LLP “Neftestroyservice LTD”	Processor (Paper)	Atyrau	010740001502
49	LLP “LucrumStar”	Processor (Paper)	Aktobe	180940032075
50	LLP “P.T.Z.”	Processor (Plastic)	Almaty Region	060340001960
51	LLP “Edil i Kompaniya”	Full Cycle (Auto Components)	Rudny (Kostanay Region)	190740026312
52	LLP “Rubber-Technical Waste Kostanay”	Full Cycle (Auto Components)	Kostanay	210540004132
53	LLP “KazShin LTD”	Full Cycle (Auto Components)	Aktau	201040019400
54	LLP “EcoGold”	Full Cycle (Auto Components)	Pavlodar	190140006316
55	LLP “EKO Shina”	Full Cycle (Auto Components)	Shymkent	070540009816
56	LLP “ERS Technology”	Full Cycle (Auto Components)	Stepnogorsk	240440022935