MARKETING RESEARCH OF THE STATE POLICY IN THE FIELD OF SANITATION OF THE SETTLEMENT TERRITORY

Abstract. The purpose of the paper is to study the basis of state policy in the field of sanitation of the territory of the settlement, especially under decentralization of management. The survey is based on the analysis of the development of the legal framework of Ukraine, CIS countries and European countries on household waste management, and study of statistical information on the current stage of waste management with further identification of the current problems which Ukraine faces in this field, and providing practical recommendations taking into account the decentralization process which is currently taking place and as well as foreign experience. It is found that the need for separate collection of household waste has become essential in the field of environmental protection. However, due to inadequate system of solid household waste management in settlements, usually in the private sector, 26.9 thousand unauthorized landfills are detected annually. The solution to this problem is to cultivate the culture of the population and raise their motivation to sort waste. Besides, one of the reasons for such a phenomenon is the absence of a legal mechanism of utilization of waste in the rural area. It has been established that in order to increase the efficiency of administrative management of social development on the corresponding territory the decentralization of management has been chosen as priority. It has resulted in the possibility of the community’s cooperation which has a number of advantages for settlements improvement, in particular for sanitation of the territories. In order to solve the problem of reducing the unauthorized landfills in the private sector of the rural area the implementation of measures aimed at development of the culture of the population and raising their motivation to sort waste has been proposed. In order to increase the motivation of taxpayers for the rational management of waste, it is proposed to apply tax incentives, in particular, income tax and value added tax for companies that: carry out operations to supply equipment intended for use in the manufacture of waste products; promote investment in the manufacture of containers, garbage trucks and the construction of waste sorting plants.

Keywords: marketing research, sanitary clearing of the territory, settlements, domestic waste, improvement of settlements.

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МАРКЕТИНГОВЕ ДОСЛІДЖЕННЯ ДЕРЖАВНОЇ ПОЛІТИКИ
У СФЕРІ САНІТАРНОГО ОЧИЩЕННЯ НАСЕЛЕННИХ ПУНКТІВ

Анотація. Метою статті є маркетингове дослідження державної політики у сфері санітарної обробки території населеного пункту, особливо в умовах децентралізації управління. Опитування грунтується на аналізі розвитку правової бази України, країн СНД та європейських країн щодо поводження з побутовими відходами, а також вивчення статистичної інформації про сучасний етап поводження з відходами з подальшим виявленням поточних проблем, з якими зіштовхується Україна в цій галузі, а також надання практичних рекомендацій з урахуванням процесу децентралізації, який зарядждається, а також іноземного досвіду. Установлено, що необхідність роздільного збору побутових відходів стала важливою у галузі охорони навколишнього середовища. Однак через неадекватну систему поводження з твердими побутовими відходами в населених пунктах, здобільшого у приватному секторі, щороку виявляється 26,9 тис. несанкціонованих звалищ. Розв'язання цієї проблеми полягає у вихованні культури населення і підвищенні його мотивації до сортування відходів. Крім того, одною з причин такого явища є відсутність правового механізму утилізації відходів у сільській місцевості. Установлено, що з метою підвищення ефективності адміністративного управління соціальним розвитком на відповідній території приоритетом було обрано децентралізацію управління. Це призвело до можливості співпраці громади, що має низку переваг для благоустрою населених пунктів, зокрема для сільських територій. Для розв'язання проблеми зменшення несанкціонованих звалищ у приватному секторі сільської місцевості пропонуємо вживати заходи, спрямовані на розвиток культури населення і підвищення їхньої мотивації до сортування відходів. Для цього пропонуємо застосовувати податкові пільги, зокрема податок на прибуток і податок на додану вартість для компаній, які: здійснюють операції з постачання обладнання, призначеного для використання у виробництві відходів; сприяти інвестиціям у виробництво контейнерів, сміттєзвозів та будівництво сортувальних заводів.

Ключові слова: маркетингові дослідження, санітарне очищення території, населені пункти, побутові відходи, благоустрій населених пунктів.

Формул: 0; рис.: 1; табл.: 2; бібл.: 23.
Introduction. Today, the system of sanitation of the populated localities (hereinafter referred as settlements) cannot be called perfect due to the lack of coordination and interaction between State executive bodies, such as: the state sanitary-epidemiological service, environmental protection and housing services and utilities, to control the sanitary condition of the territories; collection, removal, disposal of household waste.

More than 11 mln tonnes of household waste, the accumulation of which largely depends on the weather conditions, the level of improvement of residential houses, living standards etc., are disposed of in 6000 landfills, most of which are overfilled or do not meet environmental safety requirements. Some of them are disposed of at waste incineration plants. Household waste disposal services are provided only to 75 percent of the population, which annually leads to the formation of unauthorized landfills (On approval of the Concept of the National Waste Management Program for 2013—2020 (2013): Order of the Cabinet of Ministers of Ukraine from January 3, 2013, № 22-n). All these problems need to be solved immediately, which can be done by improving administrative and legal regulation of sanitation of the territory of the settlement.

Analysis of research and problem statement. The issue of sanitation of the territory of the settlement was of particular interest to scholars in the field of biology, chemistry, construction, transport. Thus, Tang snd Qiu proposed the technology of sewage treatment by experimental studies of the processes of transformation of sewage pollution [1]. Andreichenko et al studied biotechnology of treatment of industrial waste waters on the basis of thermodynamic prediction of interaction between microorganisms with metals and radionuclides [2]. Andriushchenko et al develops the issue of treatment of wastewaters at municipal sewage systems using bentonite clay [3]. Kucher et al paid attention to the issues of legal regulation of radioactive kinds of waste, in particular, among the main ones it is the presence of several normatively established classifications of such waste by way of the adoption of new normative documents and non-abolition of obsolete ones. The scientist proposed the adoption of a regulation which stipulates the rules of waste management, sanitation rules and radiation safety standards [4]. A number of scientists have dealt with the issue of cleaning the road network in their research, among them are Datsii et al [5], Ma [6], Bazaluk et al [7], Kostenko [8], Sokiran [9], Artamonov et al [10] etc.

The purpose of the article is to study the basis of state policy in the field of sanitation of the territory of the settlement, especially under decentralization of management.

Unsolved aspects of the problem. Indeed, all these scientific works have a significant practical interest in their implementation, thanks to these proposals it is possible to significantly improve the quality and safety of sewage disposal into land and water; to promote better wastewater disposal in the territories of settlements in the conditions of urbanization; improve the quality of the road surface. However, the system of sanitation of the territory of the settlements requires the search for perfect mechanisms for its regulation, which determines the relevance of the chosen topic of the study.

Research results. The current state of the system of sanitation of the territory of the settlements. According to Art. 1 of the Law of Ukraine «On improvement of settlements» (06.09.2005, № 2807-IV) sanitation of the territory is one of the elements of improvement of settlements. Moreover, sanitation of settlements is an obligatory condition of its proper maintenance.

In 2019 Ukraine generated almost 53 mln m$^3$ of household (domestic) waste or more than 10 mln tons which are disposed of at 6 thousand waste dumps and landfills with a total area of almost 9 thousand hectares. About 78% of the population of Ukraine is covered with waste disposal services. The worst rate of coverage of the population with waste disposal services is Volynska Region — 64.0%, and in Luhansk region — 62.9% (Ministry of Development of Communities and Territories of Ukraine (2019). The state of the sphere of household waste management in Ukraine in 2019). The main indicators of waste generation and management in the dynamics are given in Table 1 (State Statistics Service of Ukraine (2019). Statistical Yearbook of Ukraine for 2018. Kyiv).
The main indicators of waste generation and waste management

| Indicators                                | 2010          | 2015          | 2016          | 2017          | 2018          | Changes (2018—2010) |
|------------------------------------------|---------------|---------------|---------------|---------------|---------------|---------------------|
| Generated, thousand tons                 | 425914.2      | 312267.6      | 295870.1      | 366054.0      | 352333.9      | -73580.0            |
| Generated waste per persons, kg          | 9285.0        | 7288.0        | 6934.0        | 8616.0        | 8335.0        | -950                |
| Total incinerated waste, thousand tons   | 1058.6        | 1134.07       | 1105.1        | 1064.3        | 1028.6        | -30.0               |
| Disposed or utilized, thousand tons      | 145710.7      | 92463.07      | 84630.3       | 100056.3      | 103658.1      | -42053.4            |
| Placed on landfills, thousand tons       | 87.4          | 14.04         | 12.4          | 3.7           | 2.5           | -84.9               |
| Removed as a result of leakage, evaporation, fires, thefts, thousand tons | 1367.6        | 6.5           | 19.8          | 19.5          | 6.7           | -1360.9             |

Analysis of statistical data shows that in recent years in Ukraine there has been an improvement of the situation in the field of waste management. Thus, in 2018 the amount of generated waste decreased by 13720.1 thousand tons compared to the previous year which is 3.7%. But in 2017, on the contrary, there was a significant increase in the amount of waste generated compared to 2016 (by 70183.9 thousand tons or 23.7%). The significant decrease in the amount of waste generated compared to 2010 is explained by the lack of data for statistical observations for most of Luhansk and Donetsk Regions and the Republic of Crimea. Positive trends are observed in the disposal of waste in illegal dumpings (compared to 2015, the amount of such waste decreased by 11.9 thousand tons, i.e. 5.76 times).

According to the Ministry of Regional Development, in 2018 the total number of landfills and dumps in Ukraine was 6,107 units, with a total area of 9172.436 hectares (Fig.)

![Total area of landfills and dumps by regions](image)

**Note.** [11].

In the Central Region the area of the territories with waste dumps and landfills is 2452.1 hectares and is the largest compared with other regions of Ukraine. The Western Region has the smallest area occupied by landfills and waste dumps (723.4 hectares) [11].

**Implementation of incentives to improve the quality of sanitation of settlements.** The need for separate collection of household waste has recently become significant in the field of environmental protection, the procedure for this is approved by the Order of the Ministry of Regional Development, Construction and Housing of Ukraine and is called Methods of separate collection of household waste (On approval of the Methodology of separate collection of household waste (2011): Order of the Ministry of Regional Development, Construction and Housing of Ukraine dated 01.08.2011 № 133). Separate collection of household waste is a method of
collection, according to which resource-intensive components of household waste — paper, glass, plastic, metal, etc. — collected separately in special containers for further coming to processing plants. Once the waste is in the landfill, all this waste pollutes the environment — soil, air, water — staying there from several years to hundreds of years, because under the influence of many natural factors, it can not be quickly transformed. First of all, environmental pollution occurs under the influence of a toxic liquid — filtrate, which passes through the entire landfill and waste dump and enters surface and groundwater and causes their pollution [16]. Therefore, there is a need for separate collection of household waste for disposal at special enterprises. Today in Ukraine there is such a separate collection, and thanks to its introduction in 1462 settlements, the work of 34 sorting lines, 1 incinerator plant and 3 incinerator units, about 6.1% of household waste is recycled and disposed, of which: 2% burned and 4.1% of household waste came to the points of secondary raw materials and waste recycling lines (Ministry of Development of Communities and Territories of Ukraine, 2019).

However, due to inadequate solid waste management system in the settlements, usually in the private sector, 26.9 thousand unauthorized landfills with an area of 0.58 thousand hectares are detected annually, 26.4 thousands of which with an area of 0.53 thousand hectares were liquidated in 2019 (Ministry of Development of Communities and Territories of Ukraine, 2019). After all, despite the presence of special containers with labels for different types of waste, consumers still continue to dump or throw garbage into a single container. And the solution to this problem is to cultivate the culture of the population and raise their motivation to sort waste [12—14].

The experience of other countries in this case is useful and helpful. For example, in Germany, in addition to the presence of colorful garbage containers on the building surrounding grounds with labels where their purpose is marked, every year each resident receives a special letter in the mail, which describes in detail the procedure for disposing of household waste, on which days this or that type of garbage will be removed over the next 12 months. There are also special containers for glass, and batteries (Report on the results of the study of markets for services in the field of household waste management (2018). Approved by the Antimonopoly Committee of Ukraine on January 11, 2018, protocol № 2). The introduction of such preventive measures to cultivate consumer culture would gradually change the mentality and cultivate the habit of sorting household waste. The current procedure of sanitation of the territory of settlements is imperfect, as it does not provide a sufficient level of control over the sanitation of territories, collection, removal, recycling and disposal of household waste, and one of the reasons for this state of affairs is the lack of clear delineation of powers between public authorities, local government and businesses on the organization of waste management measures [15—18].

Thus, in accordance with Art. 35-1 of the Law of Ukraine «On Waste» (05.03.1998, № 187/98-BP) only a legal entity authorized to such actions by local governments has the right to perform services for the collection and disposal of household waste only on a competitive basis. However, the legal mechanism for waste disposal in rural areas is not regulated, according to which the person who should collect and remove household waste is determined on a competitive basis, but the residents of the settlement refuse to enter into a contract with the contractor, citing the lack of need. Indeed, in rural areas there are more opportunities for self-utilization of household and organic waste that can be used as fertilizer. Although there is no possibility for safe disposal of glass, plastic packaging, hygiene products, electronics, building materials.

Paragraphs 3 and 11 of the Resolution of the Cabinet of Ministers of Ukraine «On approval of the Rules for the provision of services for the management of household waste» (Resolution of the Cabinet of Ministers of Ukraine of 10.12.2008 № 1070) contain a rule obliging owners or property holders of residential buildings and land plots to enter into an agreement with a person designated as a municipal waste disposal service provider. During the signing of an agreement, the parties are obliged to agree on the schedule of services based on the needs of the consumer, the rules of provision and their quality. The contractor is responsible for ensuring the separate collection of household waste. But the initial sorting must still be carried out by the consumer of services, but he does not do that for many reasons.
Analyzing the experience of France, where there is no garbage disposal service in rural areas, it can be seen that the State has allowed the establishment of special collection points, and most garbage collection and sorting services are performed by private companies led by local authorities, which pay for the services from the real estate tax. However, illegal waste dumping and landfilling by an individual is punishable by up to 2 years in prison and a fine of EUR300000 for legal entities (Report on the results of the study of markets for services in the field of household waste management, 2018). While the sanction of Art. 82 of the Code of Administrative Offenses (Code of Ukraine, 1984 № 8073-X) for violation of the requirements for waste management during its collection, transportation, storage, recycling, utilization, removal or disposal provides for the imposition of a fine on citizens from twenty to eighty tax-free minimum income of citizens — business entities — from fifty to one hundred tax-free minimum income of citizens, ranging from EUR11.3 to EUR45.3 and from EUR28.3 to EUR56.7 respectively. This approach of the legislator does not help to increase the legal awareness of individuals or legal entities to reduce the number of offenses and violations in the field of waste management, and any efforts of the executive authorities to monitor compliance with the law in this area do not perform preventive functions. Therefore, it is advisable to consider increasing the scale of the sanction.

Thus, the responsibility for collecting and sorting household waste is put on private companies, and not, as in Ukraine, on an individual who lives in a rural area and has neither time nor desire to do this. In addition, according to the Resolution of the Cabinet of Ministers of Ukraine «On approval of the Rules for the provision of services for the removal of household waste» the corresponding charge is envisaged for these services, while in France these services are part and parcel of real estate tax.

Ukraine in accordance with paragraph 265.1 of Art. 265 of the Tax Code of Ukraine (hereinafter — TC of Ukraine) (Code of Ukraine, 2010 № 2755-VI) provides for the collection of property tax, which consists of: real estate tax except the land plot; transport tax and land fees. In the pp. 10.1.1 § 10.1 art. 10 of the Civil Code of Ukraine it is stipulated that the property tax belongs to local taxes, which local councils must set on their own administrative-territorial unit. Thus, in Ukraine there is an opportunity to compensate the cost of services for the collection, sorting and transportation of waste to the population through a tax on real estate except the land plot, which is supposed to be paid.

The main method of financing of waste utilization and disposal in the world is the inhabitant tax; the manufacture tax in the countries, where there is the system of waste sorting, recycling and where environmental legislation is complied with [19; 20]. But it is reasonable to imply tax incentives in order to increase motivation of taxpayers on rational waste management, which, first of all, negatively affects the face of the territory of the settlement, its ecological situation.

European legislation sets standards for waste management, the main task of which is to minimize the negative effect of waste generation and management on the environment and human health (Directive of the European Parliament and the Council 2008/98/EU). In addition, paragraph 28 of this Directive contains a provision indicating the need to take measures to avoid the generation of waste, using it as a resource, and obliges to take measures aimed at allocating resources, collecting and disposing of priority waste streams. Separate waste collection should be provided to facilitate and improve the disposal and utilization potential, if technically, environmentally and economically possible. In addition, Art. 11 of the Directive contains guidelines for taking appropriate measures to encourage the re-use / recycling / reutilization of products and to prepare them for re-use / recycling / reutilization, using economic instruments (Council Directive 1999/31/EU on landfills: Directive of the European Union; International document on April 26, 1999 № 1999/31/EU), tax incentives in particular.

To increase the motivation of national taxpayers for the rational waste management, it is advisable to apply tax incentives, in particular, from income tax and value added tax for enterprises that: transact business to supply equipment that is intended for use in the manufacture of products from waste; promote investment in the manufacture of containers, garbage trucks and the construction of waste sorting plants.
Modern approaches in the field of sanitation of the territory of settlements under decentralization. In recent times, in order to increase the efficiency of administrative management of social development in the territory, a trend towards decentralization management took place, which was prompted by the approval of the Concept of reforming local self-government and territorial organization of power in Ukraine. After all, the functioning of local government in most local communities did not provide the creation and maintenance of a favorable living environment necessary for comprehensive human development, self-realization, protection of human rights by local government with high quality and affordable administrative, social and other services (On approval of the Concept of reforming local self-government and territorial organization of power in Ukraine: Order of the Cabinet of Ministers of Ukraine; Conception on April 1, 2014 № 333-p). One of the tasks of this Concept was to give territorial communities the right to pool their property and resources in the framework of cooperation of territorial communities to implement joint programs and more effective provision of public services to the population of adjacent territorial communities. To do this, it was necessary to create an appropriate legal framework for the implementation of the right of territorial communities to cooperate, for which the following Laws of Ukraine were adopted: in June 2014 the Law of Ukraine «On Cooperation of Territorial Communities», and in February 2015 the Law of Ukraine «On Voluntary Association of Territorial Communities».

The cooperation contributes to new benefits for its parties or constituent territories, which are the creation of resources for the provision of services not available to small communities, cost savings in service delivery, improved service quality, better coordination of future development planning, more efficient and transparent development policies. Cooperation, given its form and organizational model, can have such positive effects as: joint use of motor-vehicle pool, equipment, other property; involvement of specialized personnel (in compliance with the rules of capital improvement, use of forest and water resources, etc.) [21]. Combining collaborative efforts allows to find more effective ways to solve problems, including in the field of redevelopment of settlements.

Thus, according to a sociological survey out of 23.4% of respondents who initiated cooperation, 93.6% indicated that previously signed agreements remain valid. 25.5% of respondents intend to conclude a new agreement on cooperation of territorial communities in future, the subject of which would be: the purchase of a joint garbage truck; creation of a joint governing body; organization of collection and removal of solid household waste; joint maintenance of the utility company, etc. (Analytical report on the practice of using potential entities of cooperation for example forms of cooperation agreements (2016). Kyiv: Civil Society Institute). The Table 2 lists the Agreements on cooperation of territorial communities in the field of sanitation of settlements (Ministry of Development of Communities and Territories of Ukraine (2019). Register of agreements on cooperation of territorial communities).

However, a new form of interaction of territorial communities requires new approaches in the field of settlements improvement or community redevelopment, especially concerning waste management, taking into account the common interests of the already united territorial communities.

International experience in applying the model of a coordinating agent to manage household waste streams is very useful. Such an agent is authorized to manage waste streams, selecting service providers and setting tariffs for consumers. The municipality is only one of the customers of services (for example, garbage disposal from public places, cleaning of territories and provision of other services within the public sector). It can be created by the municipality, by a group of municipalities, by a managing company (by a group of citizens) (IFC (2015). Municipal solid waste in Ukraine: Development potential — Management scenarios). Such a coordinating agent would be able to coordinate interaction between territorial communities within the framework of cooperation, especially: on the implementation of joint projects in the field of the settlements improvement, including waste management (collection, storage, transportation, sorting, utilization, disposal, recycling, and final waste deposition (waste burial)); formation by the subjects of cooperation of
joint public utility companies, institutions and organizations in the field of settlements improvement, including waste management (recycling enterprises, enterprises on acceptance of waste for utilization, on sorting and transportation of waste); joint financing by the subjects of cooperation of enterprises, institutions and organizations of communal ownership in this area.

**Extract from the Register of agreements on cooperation of territorial communities**

| Date and number of the agreement on cooperation | Names of the entities of cooperation | Form of cooperation | The subject of the agreement on cooperation |
|------------------------------------------------|-------------------------------------|---------------------|-------------------------------------------|
| 27.02.2018                                      | Novomiska Village Council, Bushynska Village Council, Hryshovetska Village Council, Ivankovetska Village Council, Krasnyankivska Village Council, Rakhno-Polivska Village Council of Vinnytsia Region | Implementation of joint projects, which provide for the coordination of the activities of the subjects of cooperation and their accumulation of resources for a certain period in order to jointly implement relevant measures | Agreement on cooperation of territorial communities in the form of implementation of the joint project «Garbage revolution in eight rural territorial communities — as an example of successful cooperation» |
| 02.04.2018                                      | Tulchyn City Council, Kanashiv Village Council of Vinnytsia Region | | Agreement on cooperation of territorial communities in the form of implementation of the joint project «Joint step to a clean environment — purchase of a garbage truck to improve the material and technical base of CE «Tulchinkomunservis» » |
| 19.04.2018                                      | Selishchenska Village Council, Malynivska Village Council of Vinnytsia Region | | Agreement on cooperation of territorial communities in the form of implementation of the joint project «Joining forces against garbage: purchase of garbage cans for separate collection of solid waste» |
| 03.10.2018                                      | Novomiska Village Council, Bushinska Village Council of Vinnytsia Region | | Agreement on cooperation of territorial communities in the form of implementation of the joint project «Garbage revolution in eight rural territorial communities — as an example of successful cooperation» |
| 30.10.2018                                      | Irklivska Village Council, Prydniprovska Village Council of Cherkasy Region | | Agreement on cooperation of territorial communities in the form of implementation of the joint project «Joint step to a clean environment. Purchase of garbage truck and garbage sorting containers» |

It’s important to consider that foreign experience in regulation of household waste management is built on the principles that are not reflected in the system of legislation of Ukraine. Thus, the Law of the Republic of Belarus «On waste management» (2007 № 271-3) provides, in addition to those that are stipulated in the legislation of Ukraine, the following principles:

- Economic stimulation in the field of waste management;
- Payment for dumping of production waste;
- Responsibilities for violation of the environmental requirements on waste management;
- Compensation for damage caused by waste management to the environment, public health, property;
- Providing legal entities and individuals, including individual entrepreneurs, with access to information in the field of waste management.

The policy of the European countries is based on the following principles:

- the principle of prevention of waste formation;
- implementation of waste management planning;
– система управління відходами, через які приоритети в управлінні відходами та рецикліванням збираються: перше, краще зменшення виробництва відходів і їх впливу; друге, використання відходів. Лише як останнє заходжувалося на депозицію та зберігання відходів;
– обов’язкові процедури забезпечення відходів;
– принцип платежу за ушкодження середовища виконавцем;
– зниження впливу відходів на здоров’я людей та середовище;
– створення повної мережі відповідних установ, яка базується на принципах прилеглості та самовдягності [22; 23].

Враховуючи принцип платежу за ушкодження середовища виконавцем, це означає, що витрати на оброблення відходів повинні бути плачувані їх власником та / або попереднім власником або виробником, яким сталося джерело відходів. Цей принцип був повторно обговорений на законодавчому рівні та знайшов свій правовий підтвердження в Національній стратегії з управління відходами в Україні до 2030 року (На затвердження Національної стратегії з управління відходами в Україні до 2030 року (2017): Рішення Міністерства України від 8 листопада 2017 № 820-рі). За цією стратегією передбачено здійснення механізму фінансування управління відходами. За цим принципом основним інструментом, що впливає на організацію, що шкодить середовищу, є стандарти та покарання, останні як профілактичні методи освіту виконавця на збільшення його моральних усвідомлення необхідних заходів для зменшення забруднення. Сьогодні в Україні статті 82, 82.1—82.8, 83, які забезпечують встановлення штрафів на державних або громадян в залежності від рідини, є об’єктом адміністративної відповідальності за порушення вимог управління відходами.

Відбиток в області регулювання санкцій за незаконну оброблення вторинних матеріалів або за неуважність до встановленого порядку сортування сміття залишається ще одним. Виконання такого прострочення може призвести до значного шкоди для середовища, і тоді є питанням необхідності уточнення Кодексу України про адміністративні правопорушення, особливо за додатковим статтею 82.9, яка визначає як таку прострочення «Нарушення порядку сортування сміття, отримання вторинних матеріалів».

Отже, принцип «кому нанесення шкоди, той і плащений за нього» є виразним важливим для реалізації відповідної політики з управління відходами, сьогодні його слід підтвердити в статті 5 Закону «Про відходи».

Отже, аналіз опублікованого досвіду європейських країн в регулюванні громадських відносин в області управління відходами та дедалі налагоджених принципах її законодавства, слід порадити з уточненням статті 5 Закону «Про відходи» за додатковим принципами: економічні стимули в області управління відходами, відповідальність за порушення екологічних вимог управління відходами, компенсація шкоди, повністю зумовленої відходами управління відходами. В результаті зміст таких правопорушення, є необхідними для змісту статті 82.9 Кодексу України про адміністративні правопорушення, доповнюючи статтею 82.9 з висновками про відповідність процедури сортування, отримання вторинних матеріалів».

Заключення. За результатами дослідження, встановлено, що найбільша площа під депозитами та викидниками знаходиться в Центральній області України. Західна область має найменшу площу з депозитами та викидниками.

Встановлено, що недавно потрібно зупинитись на сортуваній на відділенню громадського сектору, 26.9 тис. незаконної депозитної здійснено в річну. Іншою частиною цієї проблеми є впровадження культури народу та мотивації їх до сортування сміття. У цілому, інші причини цього явища — це відсутність зловживання системи збирання та депозитів.
legal mechanism for waste disposal in rural areas. In order to increase the motivation of taxpayers for the rational management of waste, it is proposed to apply tax incentives, such as, from income tax and value added tax for companies that: transact business to supply equipment intended for use in the manufacture of products from waste; promote investment in the manufacture of containers, garbage trucks and the construction of waste sorting plants.

It has been established that in order to increase the efficiency of administrative management of social development in the relevant area, the decentralization of management has been started, resulting in the possibility of community cooperation, which has a number of advantages for capital improvement, including sanitation. According to the results of the study of international experience of cooperation, it is proposed to apply the model of a coordinating agent for the management of household waste streams in Ukraine.

In addition, analyzing the experience of European countries in regulating public relations in the field of waste management, it is proposed to supplement Art. 5 of the Law of Ukraine «On Waste» with the following principles: economic incentives in the field of waste management, responsibility for violation of environmental requirements for waste management, compensation for damage caused by waste management to the environment, public health, property and the principle «polluter pays».

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