Nataliia Shadura-Nykyporets, Galina Gaponenko, Nataliia Gutnikova

REGIONAL CHARACTERISTICS OF THE CURRENT STATE OF WASTE MANAGEMENT IN UKRAINE: AN ANALYTICAL ASSESSMENT

At the present stage of functioning of Ukraine, the problems of balancing economic, social and environmental components are becoming more acute because of their priority within the domination of the sustainable development paradigm. Unfortunately, Ukraine remains a country with one of the largest amounts of waste generation among European countries, indicating a threatening level of its environmental status.

Despite numerous refinements of theoretical and methodological and applied character, constant monitoring of the current state and identification of trends emerging in the sphere of waste generation and management is a priority task for ensuring the sustainability of development of Ukraine and its regions. The purpose of this article is to conduct an analytical assessment of the state of waste management in Ukraine in the regional context at the current stage of its development.

Waste production occurs both in the process of economic activity of social production and outside its borders, in everyday life. The scale of aggregate waste generation (from economic activity and households) in Ukraine by size is fairly large and corresponds to such European giants as Great Britain and France.

Eurostat's analytical data show that over the last decade, a pan-European trend towards reducing waste generation has emerged, but in Ukraine the amount of waste generated has increased by 37,86%.

The bulk of waste in Ukraine is generated as a result of economic activity of social production (97-99%). In general, this situation is not unique in nature, but a feature of the modern world. However, unlike environmental countries, the volume of waste per unit of gross domestic product far exceeds that of the vast majority of European countries.

Another characteristic feature of Ukraine is that, compared to 2004, the level of this indicator has increased significantly (+53,34%), which contradicts the requirements of the sustainable development paradigm.

It can be stated that Ukraine is far behind the developed economies in its experience in waste generation and management. In general, the current situation in the field of waste generation, treatment, disposal and disposal in Ukraine, especially in industrialized areas, has become environmentally threatening and requires urgent development and implementation of measures to address it.

Ukraine, which is just beginning to develop environmentally conscious production, needs to engage and adapt the experience of advanced waste management in countries and regions, to develop and implement its own innovative developments in order to ensure the conditions for a healthy and environmentally safe life of its citizens in the short term.

Keywords: waste; utilization; domestic waste; ecology; integral index; normalization; region.

References

- 1. Derii, Zh. V. (2017). Rol domashnikh hospodarstv u tsyrkuliarnii ekonomitsi [Households role in the circular economy]. *Problemy i perspektyvy ekonomiky ta upravlinnia Problems and prospects of economic and management*, 3, 39–45 [in Ukrainian].
- 2. Prokopenko, O. M. (2018). *Dovkillia Ukrainy za 2017 rik: Statystychnyi zbirnyk [Environment of Ukraine for 2017: statistical compilation]*. Kyiv: Derzhavna sluzhba statystyky Ukrainy [in Ukrainian].
- 3. Ofitsiinyi sait Derzhavnoi sluzhby statystyky Ukrainy [Official site of the State Statistics Service of Ukraine]. Retrieved from http://www.ukrstat.gov.ua.
- 4. Ofitsiinyi sait Svitovoho banku [The World Bank's official website]. Retrieved from https://data.worldbank.org.
- 5. Ofitsiinyi sait statystychnoi sluzhby Yevropeiskoho soiuzu [Official site of the European Union Statistical Office]. Retrieved from http://appsso.eurostat.ec.europa.eu.
- 6. Polenkova, M. V. (2018). Rol ekolohichnoi osvity u stalomu rozvytku rehionu [The role of environmental education in the sustainable development of the region]. Proceeding from *L. M. Cherchyk (Ed.) Suchasni tekhnolohii menedzhmentu: Mizhnarodna naukovo-praktychna konferentsiia Modern Management Technologies: International Scientific and Practical Conference* (November 7, 2018, pp. 259-261). Lutsk [in Ukrainian].
- 7. Poligon «Ukraina» [Ukraine Landfill]. Retrieved from http://vybor.ua/article/Zdorovje/poligon-ukraina.html.
- 8. Pryimak, V. I. (2009). *Matematychni metody ekonomichnoho analizu [Mathematical methods of economic analysis]*. Kyiv: Tsentr uchbovoi literatury [in Ukrainian].
- 9. Svit vidkhodiv i Ukraina v nomu [The world of waste and Ukraine in it]. Retrieved from http://ukranews.com/uk/article/2012/08/01/436.
 - 10. Index mundi. Retrieved from http://www.indexmundi.com.