

СЕКЦІЯ 23. МЕНЕДЖМЕНТ, ІНВЕСТИЦІЙНІ ТА ІННОВАЦІЙНІ ПРОЦЕСИ В ПРОМИСЛОВІСТІ ТА НАРОДНОМУ ГОСПОДАРСТВІ

THE COST OF WASTE UTILIZATION IN UKRAINE

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In this work, the problems connected to the wastes utilization on the territory of Ukraine are viewed. The quantity of domestic wastes not only reduces, but, on the contrary, continues to increase. The Ministry of environment control's department of ecological safety estimates the concentration of all kinds of wastes in Ukraine in the volume of 35 billion of tons, moreover, 2,6 billion of tons are highly toxic.

According to ecologist's data, each Ukrainian creates about 220-250 kg of solid domestic wastes (SDW) annually, and inhabitants of big cities – 330-380 kg, these volumes have been increasing on the 20% per year during last years. More than 90% of solid domestic wastes in Ukraine are bringing out to dumps and polygons. Dumping of wastes on polygons demand to provide huge territories and their expensive arrangement.

The study and comparative analysis of different schemes and variants of complex treatment of SDW in the localities of Ukraine, the partnership with western companies, allowed to design, from technological and economical point of view, the most flexible sanitary purification scheme of cities and localities in Ukraine.

Creation of highly effective technologic assembly of domestic wastes assortment and processing in Ukraine will allow:

- To increase the volume of raw materials for secondary processing, briquetting and bringing out SDW;
- To reduce costs, connected with the liquidation of ecologic consequences of dumping wastes;
- To increase the investment attractiveness and stability into this sphere;
- To transform the sphere of solid domestic wastes treatment into self-repaying and profitable branch of communal services.

In 2009 the administration of Kiev instigated the development of reconstruction facilities' project of Bortnic aeration plant, which has been estimated in 420 mln euro. The development of this project is under the rule of German company Berlinwasserost, which has to finish works till the end of 2011.

Nowadays, bringing out wastes in time, its separate collection, attraction of foreign investments for creation of proper infrastructure will reduce an environmental pollution.