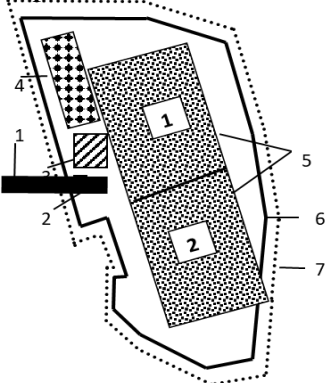


Creation of a plastic waste recycling line

Project description	
Project initiator	Bakhmut City Council
Project concept	It is planned to build a plastic waste processing line on the basis of the UMWELT BAHMUT LLC enterprise, which collects and disposes solid waste on the territory of the Bakhmut city territorial community. Plastic waste will be processed into "flake" for further sale or for the production of final products: packaging tape, boxes, utility manholes, etc.
Project mission	Reducing the volume of accumulation of plastic waste at the solid waste landfill, ecological condition improvement
Compliance with strategic documents and assignation of priorities	<p>The project goals correspond to:</p> <ul style="list-style-type: none"> - The National Waste Management Strategy in Ukraine until 2030, approved by Order No. 820-R of the Cabinet of Ministers of Ukraine dated November 08, 2017 (as amended). The strategy provides for increasing the level of recycling of household waste. In the period up to 2023, up to 23 percent of municipal waste should be recycled in the country and waste sorting and disposal plants should be entered into service. - Task 4.2.1. "Improvement of the solid waste collection and processing system" operational goal 4.3. "Sustainable waste and hazardous chemicals management "of Strategic Goal 4" environmental safety and balanced environmental management " of the Donetsk Region Development Strategy for the period up to 2027. - Operational goal B. 2.4. "Introduction of a modern municipal solid waste management system" of strategic goal B.2. "Energy-efficient housing stock and clean environment" of the strategic direction "safe, comfortable, energy-saving space of the community" of the strategy of the Bakhmut city territorial community for the period up to 2027.
Study of the problem that will be solved as part of the project implementation	<p>The region annually generates about 0.5 million tons of municipal waste, the total amount of landfilled wastes in landfills is 18.5 million tons. Landfilling of wastes in landfills that do not meet the standards leads to environmental pollution and loss of the resource potential of waste. The implementation of the project allows solving a number of environmental problems, reducing the toxic impact on the environment, reducing the number of uncontrolled dump sites, and improving the Municipal solid waste management system.</p>
The estimated cost of the project amounts to	2500,0 thousand UAH.
Project Implementation Arrangement	<p>As part of the project implementation, it is planned to:</p> <ul style="list-style-type: none"> - development of designed-estimated documentation; - Allocation of a land plot; - purchase of necessary equipment, installation, launch of the line; - preparation of the raw material base; - staff training.
Key financial indicators of the project implementation	Payback period - up to 3 years
Project implementation term	12 months
Indicative funding sources to finance the project	Donor, investor

Project Implementation Arrangement	Project proposal
Interested parties and expected result of the project implementation	<p>Bakhmut City Council-reducing the volume of Municipal solid waste that is taken to the city landfill, resulting in an increase of life of the Municipal solid waste Landfill. Reducing the number of uncontrolled dump sites and reducing local budget expenditures on their elimination.</p> <p>Residents of the community – ecological condition and sanitary and hygienic conditions improvement, receiving funds as a result of plastic delivery to the acceptance point.</p> <p>Enterprises that purchase secondary raw materials, enterprises that produce final products from recycled materials.</p>
Characteristics of an object (existing or newly created)	
Location of the object	Donetsk region, Bakhmut city
Description of existing objects or those that are proposed to be created as part of the project implementation	A line for processing plastic waste is planned to be built on the territory of the city solid waste landfill.
Form of property	The city Solid Waste Landfill is leased to UMWELT BAHMUT LLC
Related infrastructure	<p>Distance to the Regional Center (Kramatorsk city) ~ 55 km.</p> <p>Nearest highway ~ 200 m, nearest railway connection ~ 6 km.</p> <p>There is access to power grid.</p>
Land area, hectare	It is planned to allocate a plot of up to 0.3 hectares
Land plot status	<p>Land plot it is leased to UMWELT BAHMUT LLC</p>  <p>1-Access Road; 2-entrance to the landfill; 3-administrative and economic zone; 4-plastic waste recycling line; 5-operation stages; 6-Landfill fence; 7-Green Zone.</p>
Levelling of land	<p>Decisions of the Bakhmut City Council:</p> <p>-dated 20.12.2017 No. 6/108-2067 approved "Master Plan of Bakhmut";</p> <p>- dated 26.02.2020 No. 6/140-293 approved "zoning plan for the territory of the city of Bakhmut"</p>

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