

Construction of waste incineration plant in Mariupol city

Project description	
Project initiator	Donetsk regional state administration
The essence of the project	Use of municipal waste as energy resources. The company's capacity is from 100 to 150 thousand tons per year.
Project goal	Improving the waste management system in the region.
Compliance with strategic documents and assignment of priorities	Complies with 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 (with amendment). The strategy includes the construction of stationary facilities for thermal waste disposal. In 2019-2023, 15 capacities should appear on the territory of the country. To date, the number of thermal waste disposal facilities remains at the basic level and amounts to 1 unit. The project is included in the list of priority investment projects for the state until 2023, approved by the order of the Cabinet of Ministers of Ukraine dated 16.12.2021 № 1581
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 analysis of indicators of municipal waste generation indicates the possibility of creating 2 capacities for thermal disposal of municipal waste in the region, which will reduce the amount of landfilled waste, as well as provide the product in the form of heat and/or electric energy.</p> <p>Preliminary marketing research of demand and competitive market analysis were not conducted.</p> <p>The project requires an environmental impact assessment procedure.</p>
The estimated cost of the project amounts to	1 350 000,0
Project Implementation Arrangement	private investment, in particular on the terms of public-private partnership, funds from the state and local budgets
Key financial indicators of the project implementation	Undefined
Project implementation term	2021-2024
Indicative funding sources to finance the project	
Project Implementation Arrangement	Project idea
Interested parties and expected result of the	Target groups:

project implementation	<ul style="list-style-type: none"> - Executive authorities and local self-government bodies. All parties interested in attracting investment, creating new jobs, and solving the problem of municipal waste recycling. They can provide various types of guarantees. - Municipal enterprises. The opportunity to become owners/co-owners of capacities, consumers of the product. - Operators of electric networks. Maybe conflict of relationships (in the case of receiving electrical energy as a product). - Citizens. Maybe conflict of relationships in case of insufficient information support for the project. <p>The ultimate beneficiary – is unknown</p>
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Characteristics of an object (existing or newly created)

Location of the object	Mariupol, Donetsk region, Ukraine. The land plot is defined.
Description of existing objects or those that are proposed to be created as part of the project implementation	Technological capacity for thermal disposal of municipal waste in the amount of 100 thousand tons to 150 thousand tons of municipal waste per year.
Form of property	Communal, public or private
Related infrastructure	The land plot is defined. It will require installation of utility systems, setting up access roads.
Land area, hectare	The land plot is defined. The area requirement is 9 hectare (in accordance with clause 11.2 of building code B. 2. 2-12:2019)
Land plot status	The land plot is defined. Requires registration.
Levelling of land	The land plot is defined.

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