

Creation of a line for processing wood waste into chip fuel

Project description	
Project initiator	Bakhmut City Council
The essence of the project	It is planned to create a line for the production of chip fuel from wood waste generated during the business activities of the municipal enterprise (cutting down dry and emergency trees, branches, clearing forest belts from shrubs). This will make it possible to dispose of raw materials unsuitable for other uses (wood waste), create additional jobs and provide affordable biofuels to potential consumers, and, thereby, give an impetus to the development of alternative energy in the territory of the Bakhmut city territorial community.
Project goal	Improving conditions for the development of alternative energy in the territory of the Bakhmut city territorial community
Compliance with strategic documents and assignation of priorities	The project meets strategic goal 4" environmental safety and balanced environmental management " operational goal 4.3. "Energy security and alternative energy development" and Development Strategies of the Donetsk region for the period up to 2027 The project corresponds to the direction in "safe, comfortable, energy-saving living space of the community" of the development strategy of the Bakhmut urban territorial community for the period up to 2027. The strategy provides for the development of renewable energy.
Study of the problem that will be solved as part of the project implementation	On the territory of the community, the municipal enterprise is engaged in the removing of dry, emergency trees and branches, clearing forest belts of shrubs along roadsides – which gives access to the raw material base in the form of wood waste. Since currently the direction of alternative energy development is at a low level, the use of wood waste for the production of chip fuel will foster the development of this direction in the territory of the Bakhmut city territorial community, as well as provide affordable biofuels to potential consumers.
The estimated cost of the project amounts to	~ 8800,0 thousand UAH.
Project Implementation Arrangement	The project implementation includes the following steps:: 1) repair of the premises where the wood processing line for chip fuel will be located and finished products will be stored. 2) purchase of necessary equipment (KPGB-400tt complex, designed for receiving, metered feeding, drying, grinding and forming pellets of vegetable products; car lift, universal mini-loader); 3) installation of equipment and commissioning; 4) staff training.
Key financial figures of the project implementation	Up to 3 thousand tons of alternative fuel (chip fuel) will be produced per year

Project implementation term	2021 - 2022
Indicative funding sources to finance the project	Funder (grant), budget of Bakhmut city territorial community
Project Implementation Arrangement	in progress
Interested parties and expected result of the project implementation	Target groups: <ul style="list-style-type: none"> - potential consumers of biofuels; - local self-government body (interest in attracting investment, creating new jobs, developing renewable energy in the community).
Characteristics of an object (existing or newly created)	
Location of the object	. Bakhmut city, 85 Horbatova street, Donetsk region
Description of existing objects or those that are proposed to be created as part of the project implementation	It is planned to create a production line for chip fuel from wood waste Free space suitable for placing the line and storing finished products is available but require major maintenance
Form of property	Communal
Related infrastructure	Access to electricity and water supply systems.
Land area, hectare	0.1197 ha
Land plot status	Industrial lands
Levelling of land	-

Contact Data:

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