

Investment proposal application form of **BROWNFIELD**

1. General information	
Title of the investment proposal (production area/premises)	Construction of a boiler room and a cogeneration unit using alternative fuel on the basis of the «Salve» boiler house
Location, photo	Odesa, Klynova street, 2
Form of ownership	Municipal company "Heat Supply of Odesa"
Geographical coordinates (<i>latitude, longitude</i>)	46°28'11.7"N 30°39'04.5"E
Year of construction and brief description of the building and premises	1960-1970, poor condition
Additional premises, their area (thousand m ²)	0,3 thousand m ²
Total industrial premises area (thousand m ²)	2,4 thousand m ²
Proposal for possible use of the territory	<p>Development and implementation of the project "Construction of a boiler room and cogeneration unit using alternative fuel on the basis of the Salve boiler house in Odesa, 2 Klynova Street". The project envisages the replacement of the decommissioned boiler with a cogeneration unit - a bio CHP plant that will provide heat and electricity to the neighbourhood during peak loads.</p> <p>The cogeneration unit will have an electric capacity of 1,5 MW and a heat capacity of 5 MW. To generate electricity, it is planned to install a condensing steam turbine with industrial extraction with an electric generator and equip a system for condensing the extracted steam after the turbine. The turbine design also provides for the extraction of low-parameter steam for heat supply.</p> <p>The plant will run on pellets made from sunflower husks and straw. The heat generated by the plant will be supplied to the grid at an incentive tariff provided for by law. A biofuel storage facility is planned, and the well-developed transport infrastructure of the neighbourhood helps to ensure timely deliveries of pellets to the storage facility.</p> <p>Project objectives:</p> <ul style="list-style-type: none"> - To ensure reliable heat and electricity supply for the neighbourhood residents from alternative energy sources; - to contribute to the energy independence of Odesa. <p>Project objectives:</p> <ol style="list-style-type: none"> 1) Replacing the decommissioned boiler with a cogeneration unit - a bio CHP plant that will provide heat and electricity to the neighborhood during peak loads. 2) Replacing the use of natural gas with local raw materials - pellets made from sunflower husks and straw.

Additional information	-
2. Communication	
Distance to the nearest district center and regional center (km)	Located in a residential area of the city
Railway siding	No
Nearest railway freight station	«Odesa-Vantazhna» – 2,5 km
Availability of a paved access road for trucks	Yes
Distance to the national highway (km)	0,9 km
3. Infrastructural supplying	
Availability and distance to connection:	
• <i>Electricity</i>	Available
• <i>Water supply</i>	Available
• <i>Supplying with gas</i>	Available
• <i>Heat supply</i>	Available
• <i>Sewage system</i>	Available
4. Terms of transfer to the investor	
Rent, permanent use, sale	Joint activities
Cost of rent	According to the auction results
Cost of sale	According to the auction results
Additional information	-
5. Contact information	
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