

WASTE MANAGEMENT

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Construction of waste management object within the sub-region «West Donbass»
(Pavlohrad city council, the city of Pavlohrad)

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Construction of waste management object within the sub-region «Western Donbass»

Pavlograd City Council



Project description

The implementation of comprehensive effective system of municipal solid waste (MSW) management in the territory of Western Donbas sub-region.

The collection and disposal of solid waste in the territory of sub-region members (towns of Pavlohrad, Ternivka, Pershotravensk and also Pavlohrad and Petropavlivka districts) by creating an object of municipal solid waste management with the possibility of alternative energy sources production.

Project initiator

Pavlohrad City Council
www.pavlogradmrada.dp.gov.ua

Project duration

1.5 years

Project goals

- technology determination;
- design of MSW management facility, taking into account the partial processing of the accumulated waste;
- construction of the welfare and amenity buildings of landfill area;
- construction of the waste recycling plant;
- construction of the waste composting system;
- construction of the pellet line;
- creation of the separate collection systems and pre-sorting infrastructure in places of accumulated waste;
- construction of the collecting and disinfection of the filtrate system;
- construction of the rainwater and meltwater collection system.



Project economic indicators

Economic indicators are determined by investor depending on the chosen technology.

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Project technical parameters

Land plot characteristics:

- **land plot:** 15,8748 ha;
- **intended use:** agricultural lands;
- **cadastral number:** 1223581800:01:001:0627;
- **administrator:** Pavlograd City Council.

Engineering infrastructure:

It is planned to involve the infrastructure of existing landfill.

Transport infrastructure:

- the paved road is along the existing landfill;
- 1 km to the E-50 highway.

Mechanisms for cooperation

- credit, project finance, foreign direct investment;
- cooperation mechanism is determined by the Pavlohrad City Council in negotiation with the investor.

Additional information

- more than 45 thousand tons of MSW are produced in the territory of sub-region;
- recultivation of existing landfills and then returning lands for use;
- increased amounts of waste, which is returning to reuse;
- improving the health status of communities and the environmental situation in the region as a whole;
- environmentally safe disposal of MSW;
- decline in negative influence of disposal sites on environment;
- improving the life and health quality of the region's population.

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