

Regional pre-investment studies in Vorkuta

Modernisation of the municipal landfill for solid waste in Vorkuta town



Development of technical and financial analyses for upgrading the municipal infrastructure

Background

The administration of Vorkuta is cooperating with the NPA-Arctic Project to provide technical and financial documentation for the municipal landfill for solid waste in Vorkuta town. NPA-Arctic Project is a program which shall contribute to prevent pollution of the Arctic marine environment. One of the prioritized measures for the NPA-Arctic is to develop regional pre-investment studies for projects in Arctic Regions of Russia that can contribute to reduced pollution. The Komi Republic belongs to the Central Arctic Region together with Arkhangelsk region, Nenets Autonomous Okrug and Yamalo Nenets Okrug. Development of pre-investment studies for projects in Vorkuta has been recommended by the environmental authorities of the Komi Republic.

Regional Pre-Invest Studies

A pre-investment study presents the required information for potential investments projects. It presents a full technical description of a project including concept plan, regulatory requirements, environmental and social aspects as well as concept price calculations. The technical description is followed by a financial analysis assessing relevant financing possibilities. The pre-investment study for the municipal landfill in Vorkuta is undertaken by Ramboll and is closely coordinated with the local administration in Vorkuta and the landfill operator (project owner) Vorkutaremsstroy.

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There are three main possibilities to improve the solid waste management in Vorkuta:

1. To construct an incineration plant where the spill energy is used for central heating of buildings.
2. To construct a new landfill according to modern requirements.
3. To modernise the existing landfill in order to improve the environmental conditions in Vorkuta and the runoff of pollutants to the environment.

The preferred approach for the local administration and the project owner is to modernize the existing landfill. This will help to improve the environmental situation in a short-term perspective but should be associated with solid waste management plans and decommissioning plan for the modernized landfill.

For more information:

Draft Report on Modernisation of Solid Wastes Landfill in town of Vorkuta is available at Customer, Client and Consultant office or their web-sites and is opened for comments during 2 weeks since its publishing. For more information, please, contact:

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