

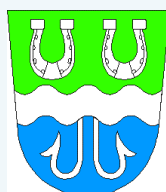


Water management Project of Peipsi, Pihkva, Lämmijärve, Saadjärve and Veskiejärve Lakes

Emajõe-Pskov WMP

Priority 2 Common challenges

Measure 2.1 Joint actions aimed at protection of environment and natural resources





Short summary of the project

Emajõe Veevärk is operating on the territory of Tartu and Palamuse municipalities. In Palamuse, there are national park and conservation area. Lohusuu and Kasepää together with town Mustvee are all situating side by side on the north-west side of Lake Peipsi as well on the side of Natura 2000 area.

From the Russian part town Pskov may be one of the biggest polluters to Peipsi water basin.

The overall aim of this project is to reduce pollution, since all these settlements are situating by the different lakes; all of these lakes are in the area of Lake Peipsi water basin. Investments will be made under this project to the renovation of Mustvee and Pskov wastewater treatment plants, as well as construction of new water and wastewater pipelines in Palamuse and water treatment facilities in Kasepää. There is a need to make designs for proper public water supply to ensure water quality. Additionally there will be made feasibility studies, environmental impact assessments, and water and wastewater designs for Tartu, Lohusuu, Mustvee and Kasepää municipalities.

Overall objective

- + Protection of environment
- + Protection of people's health
- + Reduction of cross – border pollution
- + Sustainable management and protection of freshwater resources on the lake Peipsi water Basin
- + Extension of public water and wastewater service

Specific objective

- + Improve and guarantee the supply of high quality water to small sized towns and settlements in project area
- + Control and minimization of wastewater pollution loads within and originating from small and medium sized towns and settlements to the lakes of Peipsi, Pihkva, Saadjärve and Veskijärve
- + Ensure the sustainable development of water and wastewater sector

Beneficiary

AS Emajõe Veevärk (Estonia)

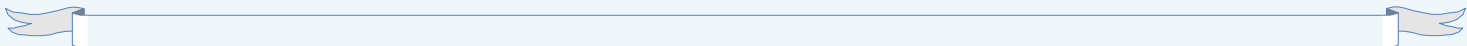
Partners

Mustvee Municipality (Estonia)

Lohusuu Municipality (Estonia)

Kasepää Municipality (Estonia)

Municipal enterprise of Pskov city "Gorvodokanal" (Russia)



Expected results

- ✚ The **geographic information systems** (GIS) of the utility networks, mainly water and sewer networks is established, compiled and composed. GIS solutions are based on the client's network information (usually field designs, network drawings, spread sheet information etc). The system enables to display, administer, store and print out the geographically related information;
- ✚ The database includes attribute **information** about the **existing water supply and sewer networks, manholes, nodes, valves, pipelines, hydrants, pumping stations and bored wells**. GIS will be administered in the future by updating the information and data exchange by the trained client's personnel in using GIS;
- ✚ **Saadjärve (and Salu), Mustvee, Vilusi water and wastewater designing:** Feasibility Study, Environmental Impact Assessment (EIA), design studies - geodetic measurements and geotechnical site investigations, designs for water supply and sewer pipelines including sewage pumping stations, designs for bore-well-pumping stations and water treatment, designs of technology for wastewater treatment plants (1 pc) if the best alternative foresees it (analyses from feasibility study);
- ✚ **Mustvee:** designs of wastewater **sludge composting field**;
- ✚ **Raja, Kükita, Tiheda, Kasepää water and wastewater designing:** Public water and wastewater development plan, Environmental Impact Assessment (EIA), designs for vacuum sewage, renewal of existing designs;
- ✚ The designs enable to carry out **construction work** procurements in case there are sufficient finances available or make new application to cover the investments needed. Up to **2400 people in Estonia** will benefit from it;
- ✚ **Renovation of 2 wastewater plants.** Up to **1600 people in Estonia** and **194 000 in Russia** side will benefit from it;
- ✚ **Construction of 2 water treatment.** Up to **1066 people** will benefit from it;
- ✚ **Construction of 2104 m water and 2052 m wastewater pipelines. 145 people** will benefit from it.

Final beneficiaries

- ✚ People who live in the area of Lake Peipsi water basin in Estonia territory as well as Russia and Latvia territory.
- ✚ **22 municipalities** in the Emajõe Veevõrk operating area (including Tartu municipality with Saadjärve village and Palamuse municipality with Palamuse village), altogether approximately 20 000 people.
- ✚ Lohusuu municipality with Vilusi village, Kasepää municipality with Raja, Kükita, Tiheda and Kasepää villages and town Mustvee in Estonian side of the project with total population 2 735.
- ✚ Pskov town in Russian side with population of 193 000.

Duration **24 months**

Budget

Total budget: 1 869 912, 45 EUR

Programme co-financing: 1 682 921, 21 EUR (90%)

Project co-financing: 186 991, 25 EUR (10%)

Contact Person

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