

Outputs

1 consistent **Geographic information system (GIS)** prepared in Tartu region comprising 51 wastewater treatment plants, 42 water treatment plants and bored well pumping stations, 250 km of water supply and 250 km wastewater pipelines. Hardware and designing software for GIS purchased.

1 waste water treatment plant (WWTP) reconstructed in Mustvee - sand separator, air blowers, sludge pumps installed.

2175 meters of water and 2140 meters of wastewater pipelines installed in Palamuse.

2 water treatment plants constructed in **Kasepää municipality:**

-In Kükita village water station building reconstructed and water treatment technology improved.

-In Tiheda village new building constructed and water treatment technology improved.

1 wastewater treatment plant constructed in Pskov - 1 secondary settlement tank installed.

Water and wastewater technical designs prepared for 4 settlements in Estonia.

9 tablets procured for technical specialists **to operate GIS**

Settlement tank in Pskov, Russia



Opening of wastewater treatment plant in Mustvee, Estonia



Electric and automatic devices in wastewater treatment plant in Pskov, Russia



WWTP new sludge pump and tanks in process, Mustvee, Estonia





Water treatment plant in Tiheda village, Estonia



Water treatment plant in Kükita village, Estonia

RESULTS

GIS enables to display, administer, store and print out the geographically related information, allows **efficient maintenance of water and wastewater utilities**, reducing maintenance and operating costs of utility networks

Public **water and wastewater services extended** through improved supply network in border territory of Estonia and Russia

Up to 1600 people in Estonia and 194 000 people in Russia benefit from two renovated wastewater plants

Up to 1066 people benefit from two constructed water treatment plants

145 people in Estonia benefit from 2175 m water and 2140 m wastewater pipelines constructed

Technical designs for water and wastewater objects **enables to carry out procurements** of construction works.

Increased connection rate to the public water and wastewater networks in partner's municipalities.

Quality of drinking water improved in 2 municipalities in Estonia which meets requirements given in National legislation

Pollution reduced in Lake Peipsi water basin

Mobility and efficiency of technical specialists increased to manage water and sewage utility



Settlement tank in Pskov, Russia