

ESTONIA: JÄGALA HYDROPOWER PROJECT

Kyoto Mechanism:	Joint Implementation
Project Category (UNFCCC):	Energy (renewable sources)
Location:	Harjumaa, Estonia
Emission Reductions purchased:	45,686 t CO _{2e}

The proposed project is developed and operated by an Estonian project company and consists of the rehabilitation and operation of an existing hydropower plant. The object is located in Northern Estonia, in Harjumaa, Jõelähtme Municipality, on the bank of the Jägala River. The rehabilitation involves construction works on the existing dam, inflow and outflow channel and power house as well as the installation of the hydro-electric equipment. The hydro-electric installations will be provided by an Austrian technology provider.

The turbine has a capacity of 2 MW. On the basis of available flow measurements the project is estimated to generate 7.9 GWh of electricity per year. Thus the project will generate approximately 45,686 tonnes of CO_{2e} emission reductions from providing electricity from renewable sources to the Estonian grid.

The project consultant for this JI Project is an Estonian consultant who was already involved in the successful development and sale of emission reductions from two other Estonian JI Projects (Esivere and Virtsu II Windpark as well as Virtsu III Windpark) to the Austrian JI/CDM Program.

