

ESTONIA: ESIVERE AND VIRTSU II WIND POWER PROJECT

Kyoto Mechanism:	Joint Implementation
Project Category (UNFCCC):	Renewable Energy
Location:	Esivere / Virtsu, Estonia
Emission Reductions purchased:	267,000 t CO _{2e}



The project includes the construction and the operation of two wind parks: Esivere and Virtsu II. The wind park in Esivere consists of 4 turbines with an installed capacity of 2 MW each. The wind park Virtsu II will consist of three 2 MW turbines.

Both wind parks are located on the west coast of Estonia and both are connected to a well established road and power line infrastructure. On the basis of conducted wind speed measurements, the 14 MW of both wind parks are expected to produce

37.5 GWh (Esivere: 21,2 GWh; Virtsu II: 16,3 GWh) of energy per annum.

The generated electricity will be fed in the Estonian grid and thus will substitute energy from fossil fuels in the grid. The project is estimated to generate 267,000 tonnes of emission reduction until 2012.

