

Hungary: Pannonia Ring Wind Farm

Kyoto Mechanism:	Joint Implementation
Project Category (UNFCCC):	Construction of generating plants operated with renewable energy sources (wind power station)
Location:	Ostffyassonyfa, Celldömök
Emission Reductions purchased:	408.000 t CO _{2e}

The aim of the Pannonia Ring Wind Farm project is to enable the building of a wind farm with a nominal power capacity of **49,45 MW**. The location of the proposed wind park is in Ostffyassonyfa, near Celldömök in Western Transdanubia. **26 wind turbines** will be erected, 24 turbines of the type **Vestas V90** with **2 MW** each, one turbine **Vestas V52** with **0.85 MW** and one turbine type **Enercon E40** with **0.6 MW**.



Once construction is completed, the wind generators will be delivering around 105 GWh/year to the Hungarian electrical grid and this is equal to 0,25% of the national consumption.

With the generated electrical power approx. 410.000t CO_{2eq} will be avoided in the first commitment period until 2012 because the electricity would otherwise have to be produced by power stations using fossil fuels.

According to the environmental impact assessment the location of the wind park can be characterised as a highly intensively used agricultural area with relatively few structures. The wind park (construction of driveways and other infrastructure) can improve this situation and creates boundary edges and areas for spontaneous vegetation.

In a public stakeholder meeting all stakeholders have been informed about the status and the background of the project. Throughout the project has got positive comments. Through the business of the wind park, the local community can collect additional municipal taxes and will positively influence the regional net value added.

The required documents for this Joint-Implementation-project were provided by an Austrian Consultant. Investor and owner of the wind park is also an Austrian company.