

All projects in the Czech Republic are so-called 'fuel switch' projects and reduce greenhouse gases. The Bystrice, Slavcin, Velky Karlov, Iromez s.r.o. and the TTS s.r.o, projects are JI projects (Joint Implementation, a mechanism of the Kyoto Protocol) and receive financial contributions for their reduced greenhouse gas emissions. The interest for the bioenergy portfolio of BioHeat International in the Czech Republic is huge and from all over the world. The total portfolio comprises at least 523.000 emission reduction units for the period 2008-2012. It is the first of its kind worldwide and the

most advanced JI-project of the Dutch Government. The project is also the only project out of the 26 projects proposed to the Dutch Government in the first round of 2001 that has been actually implemented and received advance payments from the Dutch Government for the carbon credits. BTG and BioHeat International are developing similar projects in other Central European countries, Brasil and Malaysia (CDM).



Explanation of some of the projects in the Czech Republic:

Bystrice and Pernstejnem

Old low efficient coal boilers were replaced by 2x4,5 MW URBAS biomass boilers in 2002. The reconstruction of the distribution heating system of the town was part of the project. This municipality's owned biomass boiler house of 9 MW is the biggest the Czech Republic. An amount of 101.000 Emission Reduction Units (ERUs) is projected for the period 2008-2012 (The Kyoto Commitment Period). The project is regarded as one of the best projects in the country.



Bystrice

Slavcin

The town of Slavcin implemented a 1,6 MW Kohlbach (Austria) biomass boiler in 2003. This was to replace the natural gas system, the district heating distribution system had to be reconstructed. Just a part of the town is heated with bio-energy.



Slavcin

Hostetin

In the village Hostetin of 80 houses the individual brown coal stoves were replaced by a new KARA wood fired boiler with the capacity of 0,732 MW. The project was co-financed by both the Dutch and Czech government and it was implemented in 2000 as a AIJ project (Activity Implemented Jointly; a Pilot JI-project). This project served as THE demonstration and reference project for JI in Czech Republic. Based on the success of the project, the portfolio was established. The project is very social sound and is strongly supported by the villagers and council of the village. At present, the Seminar Center for sustainable development and rural areas (a spin-off activity of the Dutch project and co-financed by the Dutch MATRA-program) is under development in Hostetin. The former Dutch Minister of VROM (Mr. Pronk) has visited the site in the year 2001.



Hostetin

Velky Karlov

The municipality of Velky Karlov implemented a 1 MWth biomass boiler to replace an old coal fired boiler. The biomass boiler was implemented in 2001. The reconstruction of the distribution heating system was part of the project. The projected emission reduction equals 7.210 ton CO₂ for the period 2008-2012.



Velky Karlov

TTS s.r.o

The private company TTS s.r.o. is located in Trebic. An old low efficient natural gas fired boiler was replaced by a 14 MWth biomass boiler in the end of 2004. The produced heat is delivered to the town. The heat distribution network was reconstructed as part of the project.



Trebic

Iromez s.r.o.

The private company Iromez s.r.o. implemented a 6 MWth wood fired boiler, in combination with a turbo-generator set of 1 MWe in 2004. The company supplies part of the town with the generated bio-heat. The company Iromez s.r.o. is a producer of wood briquettes. The residues from this production is used as fuel for the biomass boiler.



Iromez s.r.o.