

## **Project “Modernization of heat supply of the city of Jelgava, Latvia”**

**Client:** KfW to the Berlin Energy Agency GmbH in clearance with BMU, in cooperation with IWO e.V.

**Period:** 2005 - 2008 (follow-up actions are in preparation)

### **Executive Summary**

Basis for the pilot project of environment protection in Latvia with the title “Modernization of the central heat supply system in Jelgeva” was an agreement between the German and Latvian ministries for environment protection. The project was commissioned by the KfW and the Federal Ministry for Environment, Nature Conservation and Nuclear Safety. Partners of the project were the Latvian company SIA Jelgavas Kogeneracija and the IWO e.V. from Berlin.

Center of the actions were the coordination of the environment protection project for the clients, the collateral support of SIA JK with implementation of the particular project steps (particularly modernization of the district heating grid with construction of new lines, construction of a new boiler house, installation of CHP units) as well as with commissioning and acceptance tests. Additionally the conception and foundation of a local energy agency was supported.

Further information:

[http://www.bmu.de/foerderprogramme/pilotprojekte\\_ausland/doc/36188.php](http://www.bmu.de/foerderprogramme/pilotprojekte_ausland/doc/36188.php)

### **Main Achievements**

The most important aims of the engagement such as the fast and contractual implementation of the pilot project as well as improved environment protection through lower energy consumption and less CO<sub>2</sub>-emissions could be achieved. Further actions like Know-kow transfer and preparation of concrete new projects are in planning in cooperation with the local energy agency ZREA and IWO e.V..

The following pictures show some of the subprojects:

1. New building boiler house



## 2. Retrofit/new construction DH lines

