

## Press Release 02-08

### Environmental technology from Wittenberg with a great demand abroad

SO<sub>2</sub>-exhaust gas purification plant has been successfully taken into operation in Ústí nad Labem (CZ).<sup>1</sup>

In the year 2007 the DGE GmbH Company has set up a new exhaust gas purification plant for removing SO<sub>2</sub> from the waste gas of a calcination plant at the Czech Company Spolchemie. A method from the Wittenberg Technology Forge.

Commissioning was on 13.02.2008. As results, the SO<sub>2</sub>-clean gas values of 15 ppm are reached and the TA-air values fall below the factor 4. With this method, 2 tons of 40 per cent sulphuric acids are won back daily and recirculated in the process.

Without that technology the enterprise would not have received a further operating licence. A result which is impressive because 1000 kg SO<sub>2</sub>-emissions are avoided per day and raw materials are saved simultaneously. The process control, delivered by the partner DigiTable, is supervised via teleservice.

The plant export has increased considerably at DGE GmbH in 2007.



The project manager Hans-Georg Frießleben is astonished about himself, for what performances you can reach in a team.

Since 2007 engineers belong to the key players at DGE who got unemployed despite a long-standing professional experience before. "Even if this is very modern environment engineering, the planning and construction of such highly complex plants just requires besides a good education, a high degree of experience and interdisciplinary technical knowledge, too. This only works by bundling the employees' competences within the project teams effectively", so Dr.-Ing. Lothar Günther, managing director of DGE GmbH.

The first production of sulphuric acid could already be commercialized successfully. After the positive tests the orders of the annual production is sure.