

PRESS RELEASE

EMS: Start-up of the TEGRA biomass power station

- **CO₂ emissions reduced by two thirds by 2007**
- **EMS satisfies the climate-political CO₂ targets of both Swiss legislation and the Kyoto protocol ahead of schedule**

On November 30, 2005, EMS announced that it would be investing some 40 million Swiss francs this year in improvements to its site Domat/Ems (GR) in Switzerland. To strengthen the site, flexible annual working time was introduced at the beginning of 2006 and the regular working week increased to 43 hours. EMS is now taking innovative steps concerning the **energy supply** at its largest site. A press conference was held this morning on the occasion of the start-up of **Switzerland's first industrially operational biomass power station**.

The TEGRA biomass power station on the EMS-CHEMIE AG site at Domat/Ems uses state-of-the-art technology to convert locally grown wood into process steam that is distributed to the EMS production facilities. EMS can thus reap the benefits of a cheaper and more environmentally compatible energy supply.

In its first development phase, the biomass power station will supply EMS-CHEMIE AG with 50,000 tons of process steam annually from a single biomass heating boiler. A second boiler is scheduled to begin operation in mid-2007, upping the total to 100,000 tons of process steam per year.

The supply of TEGRA process steam will allow EMS to save a large proportion of the fossil fuels it has been consuming to date, such as natural gas and heating oil. The first development phase will cut their use by one third, and as much again when the second biomass heating boiler starts up in 2007.

CO₂ emissions from the site will be reduced immediately by about a third, in line with the cutback in fossil fuel consumption, and by another third from 2007 onwards. In this way, EMS already satisfies the climate-political CO₂ targets of both Swiss legislation and the Kyoto protocol (according to which CO₂ emissions have to be reduced by 10% in relation to 1990 levels by 2010).

By establishing the TEGRA biomass power station, EMS has taken another successful step towards turning its Domat/Ems facility into an integrated industrial site, also creating an additional 10 to 20 jobs in the region.

* * * * *