

MEDIA INFORMATION

EMS reports a further reduction of CO₂ emissions

- **The second development stage of the biomass power station TEGRA at the Domat/Ems site is now complete**
- **CO₂ emissions cut by two thirds**
- **Reduction of CO₂ emissions by over 80% by 2009**

On January 25, 2006, Switzerland's first industrially operational biomass power station TEGRA, was put into operation at the Domat/Ems production site. Using state-of-the-art technology, TEGRA converts locally harvested wood into process steam which is then distributed to the EMS production facilities. In this way, EMS benefits from a cheaper and more environmentally compatible energy supply.

In its first development stage, the biomass power station supplied EMS with 50,000 tons of process steam annually. This figure has been doubled now that the second stage is up and running. A third development stage is already under construction and will be completed by the beginning of 2009. Once this third stage is operational, EMS will be able to fully cover process steam requirements of the Domat/Ems production site from the TEGRA biomass power station.

The use of TEGRA process steam allows EMS to achieve a very significant reduction in consumption of the fossil fuels natural gas and heating oil used to date. The first development stage cut fossil fuel consumption by one third, the completion of the second stage means a further one-third reduction. After start-up of the third stage, EMS will be able to cut its fossil fuel consumption by over 80 per cent.

This reduction of fossil fuel consumption has a corresponding impact on CO₂ emissions. As of start-up of the second development stage, CO₂ emissions have been cut by two thirds, and will decrease by over 80 per cent by 2009. As a result of these measures, EMS has significantly surpassed the climate policy target stipulated by both the Swiss law governing CO₂ emissions and the Kyoto Protocol, i.e. to reduce CO₂ emissions by 10 percent in relation to 1990 levels, by 2010.

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