

EVENT DESCRIPTION
RES-e Regions
« WP5 / Study tour »

Title: Biogas installations in Upper Austria

Date & location: 22-23 March, Upper Austria

Organiser: Rhônalénergie-Environnement

Short description:

Very few installations produce electricity from biogas in Rhône-Alpes. This study tour aimed at getting a better knowledge of Austrian best practices and was addressed to the regional agricultural structures.



Programme:

ESV first presented us the general situation in Upper Austria as regards renewable energies, and more particularly as regards biomass. Then, various installations were visited:

- Installation producing biogas which feeds the gas grid in Pucking. The biogas is produced from chickens and pigs. It's treated (desulfuration, separation of CO₂, odorization) before being injected.
- Plant producing biogas from whey and sewage water in Wels. The electricity (500 kW) feeds the national grid and the heat is reused within the process.
- Biogas installation in Michaelnbach. Biogas is produced from liquid manure and energetic plants and then, generates electricity (500 kW) and heat.
- Biogas plant in Utzenaich (from liquid manure and energetic crops). This plant is managed by four farmers and produces 4 000 000 kWh electricity and 4 300 000 kWh heat per year.
- Biogas plant in Mettmach (from various silages). This plant is presently being enlarged and should achieve a capacity of 200 kW_{el} (feeding the grid) and 300 kW_{th} (used for wood drying).
- Plant in Antiesenhofen. A wood CHP plant is combined with a biogas plant (landfill biogas and biogas from food waste) to provide heat to a local district network. There is also a small hydro power plant on the site.

Results, follow-up:

A report of this study tour was detailed on a CD-ROM (synthesis, pictures, presentation of each site) and distributed to each participant.

All the participants felt really interested by the study tour and cooperation with some of them to encourage biogas projects in Rhone-Alpes has been initiated.

List of participants

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