

11th IEA GHG

Post Combustion CO₂ Capture Workshop

Welcome by Dr. Adolf Aumüller EVN AG

20th to 21st of May 2008

EVN Forum - Austria



EVN

EVN Company profile – fact sheet

EVN

EVN is a leading integrated energy and environmental service group serving customer in Lower Austria and Central and Eastern Europe

Business areas

Electricity, gas, heating, water, waste incineration

Countries

Austria, Bulgaria, Croatia, Cyprus, Estonia, Germany, Poland, Lithuania, Macedonia, Russia, Slovakia, Slovenia, Denmark, Turkey

Employees

9,535 (-4.4%) thereof ~ 75% in abroad

Revenue

2,233.1 EUR m (+7.8 %)

EBITDA

350.7 EUR m (-11.8 %)

EBIT

197.3 EUR m (+7.0 %)

Net results

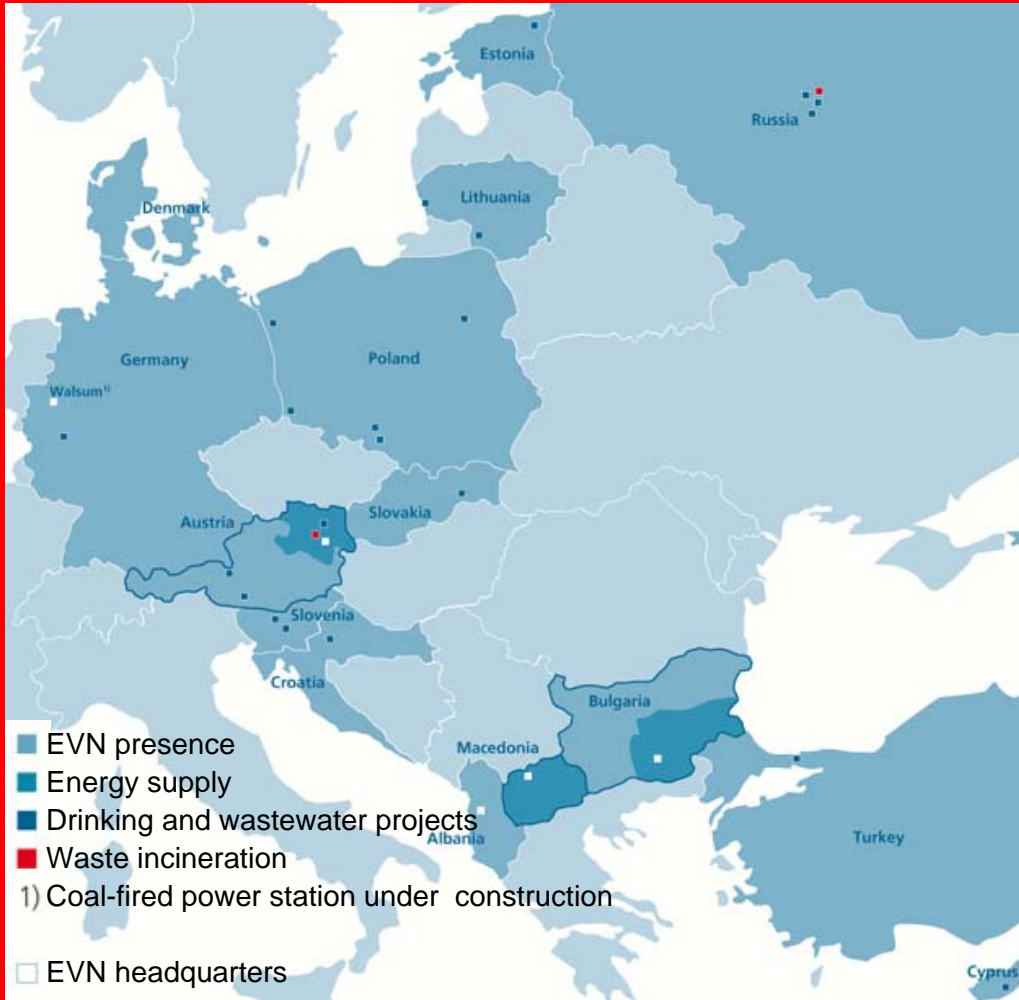
227.0 EUR m (+2.3 %)

Credit Rating

Moody's: A1, stable

Standard & Poor's: A, stable

EVN currently active in 14 CEE countries



Highlights

- 🏠 1 m electricity, gas, heat and water customers in Lower Austria
- 🏠 1.5 m electricity customers in Bulgaria
- 🏠 720,000 electricity customers in Macedonia
- 🏠 1,700 MW generation capacity (gas, coal, hydro, wind and biomass)
- 🏠 Coal-fired power plant of 790 MW in Germany
- 🏠 131,000 km electricity network and 10,500 km gas pipelines
- 🏠 Waste incineration plant of 300,000 tons p.a. in Lower Austria
- 🏠 70 drinking and waste water plants for 10 m people
- 🏠 Waste incineration plant and drinking water facility in Moscow
- 🏠 Substantial holdings in Austria's second largest oil and gas producer and Austria's leading hydro power producer
- 🏠 Strong partner in EnergieAllianz and EconGas in Austria

EVN activities for CO₂-reduced electricity generation

- 📁 High efficient power plant technologies
 - Research activities for 700 °C power plant
 - Utilisation of high efficient power plant technologies for retrofits and new constructed power plants
- 📁 Technologies for the reduction of fossil primary usage
 - Biomass gasification (site visit 21st of May)
 - Utilisation of steam from a waste incineration to reduce the fossil primary consumption
- 📁 Utilisation of an ecological primary energy mix including wind, biomass and hydro
- 📁 Carbon capture storage - technologies
 - Participation in national and international research projects
 - Research projects for oxyfuel technology and post combustion capture technologies
 - Cooperation with Japanese electricity utility

Programme for 11th International Post Combustion CO₂ Capture Network Meeting

Day 1: 20th of May

- Results of fundamental studies
- Results from different programmes which take place world wide
- Results from CASTOR and Capture Ready – what is it?

Day 2: 21st of May

- Projects based on Ammonia
- Developments by technology providers
- Panel session: technology development – what's next?

- Visit to biomass gasification plant Dürnrohr

Thanks to co-sponsors



 Austrian Utility Association

 Wienstrom GmbH

 Federal Ministry for Transport, Innovation and Technology