

## **AGO AG Energie + Anlagen: First self-produced chiller launched in Kulmbach**

- +++ ago congelado – ammonia/water absorption chiller for temperatures below 0°C**
- +++ From an AGO employee's diploma thesis to the readiness for marketing within the shortest possible time**
- +++ Future production is to remain at the Kulmbach site**

Kulmbach, 10 September 2008: AGO AG Energie + Anlagen (cusip number: A0LR41; ISIN: DE000A0LR415) delivered its first ammonia/water absorption chiller to the client coming from the Pforzheim region. It will be applied for cooling fruit and potato storages in connection with the usage of waste heat derived from a biogas plant. The machine concept planned and constructed by AGO AG - which already aroused interest at the Kulmbach Colloquium on refrigeration technology - in connection with the usage of waste heat offers low temperature refrigeration to up to - 30°C derived from trigeneration. With the performance range of up to 500 kW, AGO AG Energie + Anlagen is the only provider of this technology in Germany. The concept has already been awarded the industry price of the so called "medium-sized companies initiative". „We are really pleased to be able to supplement our business activities in the field of refrigeration technology and trigeneration by our own chiller. We would like to take this opportunity to thank our employees who led the chiller called "ago congelado" to marketability in such a short time with such enormous commitment“ emphasizes Helmut Peetz, member of AGO AG's BOD.

Suitable customers for these systems are companies that operate in the food and beverage industry, dairy industry, freezing and cold storage industry, pharmaceutical industry as well as breweries. For biogas plants in particular, the generation of refrigeration derived from waste heat represents an economic extension. With the technology created by AGO AG Energie + Anlagen, biogas plants can further exploit their potential and can offer low-temperature-refrigeration of up to – 30°C to adjacent companies. Apart from heat consumers, the companies would also have refrigeration consumers when using the AGO technology and could thus secure the so called Cogeneration Bonus (in German: KWK-Bonus) for power input. Therefore, AGO AG Energie + Anlagen does not only make an economical contribution but also provides ecological advantages.

The requirement for an economical operation of such a system is the presence of cheap and often unused waste heat, e.g. from cogeneration, as is available in many combined heat and power plants and biogas plants.



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**About AGO AG Energie + Anlagen**

The company with company headquarters in Kulmbach which was founded in 1980 is a specialist in the area of innovative and efficient energy supply and facilities. AGO AG focuses on the three business segments project development and implementation, operation of facilities as well as service & consulting. The company's core competences are mainly biomass cogeneration plants, cogeneration plants, heat and refrigeration plants, trigeneration as well as contracting. Location studies / location development, energy efficiency consulting, raw material and fuel management as well as emissions trading round off the business model. AGO stands for efficiency, reliability and technological competence for your energy supply plants.