



AUSTRIAN ENERGY  
& ENVIRONMENT



A-TEC INDUSTRIES

## Press release

# International AE&E symposium “Clean Energy” Developments and trends in the energy and environmental technology industries

Vienna, 23 September 2008 – Increased energy demand and rising prices have made the quest for alternative energy solutions one of today’s hottest topics. Austrian Energy & Environment (AE&E) has long been aware of the importance of this issue. An innovative approach, a strong commitment to staff development and heavy investment have turned the group into one of the global market and technology leaders in power generation and environmental technology. This year the fifth AE&E symposium will be devoted to clean energy. AE&E Austria has invited over 100 plant operators and experts from all over the world to discuss this many-sided issue in Graz from 24–26 September. The core topic will be boiler systems for clean energy solutions. The keynote addresses will centre on biomass power generation and district heating with fluidised bed firing systems, energy supply and waste recycling in the paper and pulp industry, fluidised bed firing with substitute fuels, and use of blast furnace gas at steelworks.

The AE&E Group’s Austrian subsidiary is a pioneer in these fields. The group’s centres of expertise in fluidised bed technology and flue gas purification are located in Raaba, Graz. AE&E’s focus on innovation has led to the development of new technologies employed across the entire multinational group. Fluidised bed systems make it possible for power plants to burn low calorie or highly pollutant wastes. Optimum incineration temperatures and the right excess air supply keep emissions to a minimum. Flue gas purification removes further pollutants that arise during the combustion process. Carbon dioxide, sulphur dioxide, nitrogen, heavy metals, soot and other pollutants are removed from the flue gas before it escapes into the atmosphere.

### **AE&E Austria — the German market leader in fluidised bed systems**

AE&E Austria is among Europe’s top suppliers of fluidised bed technologies, and in Germany it has already achieved leadership of the market for systems fired by substitute fuels. Each year AE&E plants in Germany convert about 1.4 million metric tons of substitute fuel into energy. In 2008 AE&E won numerous new orders for these systems, including fluidised bed boilers for power stations in Glückstadt, Maxau and Leipa.

### **Austrian flue gas purification technology in use all over the world**

AE&E Austria is also a leading supplier of flue gas purification systems in Europe, with reference units at work in Germany (Karlsruhe and Neurath), the Czech Republic (Prunerov and Tusimice) and Romania (Turceni) — and it has also made a name for itself further afield. Over a third of all the large coal-fired power stations in China are currently equipped with AE&E licensed flue gas purification systems. Cutting edge AE&E technology permits the separation of up to 99 percent of the sulphur dioxide in the flue gas.



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#### **About Austrian Energy & Environment**

Austrian Energy & Environment AG, headquartered in Vienna, Austria, is one of the world's leading suppliers of thermal power generation and environmental technology. The group's product portfolio includes boilers and boiler plants, flue gas purification systems, energy from waste facilities, combined cycle power stations, boiler pressure parts, coal gasifier components, valves, and services ranging from engineering and modernisation to modification and plant operation. The group employs some 4,700 people in Vienna and Graz (Austria), Zurich (Switzerland), Cologne, Ratingen and Nuremberg (Germany), Brno (Czech Republic), Paris (France), Bilbao and Madrid (Spain), Slavonski Brod (Croatia), Moscow (Russia), Norcross (USA), Shanghai and Nanjing (China), Chennai (India), Sao Paulo (Brazil) and Sydney (Australia). It is owned by A-TEC Industries AG.

For more information visit: [www.aee-group.com](http://www.aee-group.com)

#### **About A-TEC Industries**

Vienna listed and headquartered A-TEC Industries AG is a multinational industrial group with thriving Drive Technology, Plant Construction, Machine Tools and Minerals & Metals divisions. The group currently employs around 13,800 people, and in 2007 posted revenue of some EUR 2.4 billion.

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