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## **MTU Aero Engines shares in Clean Sky Joint Technology Initiative**

- **Geared turbofan boosts aircraft engine economics**
- **European Commission absorbs one half the costs**

Munich, January 30, 2009 – The European Commission has launched one of Europe's largest technology programs undertaken in an attempt to reduce the ecological impact of aircraft. Under Clean Sky, 86 companies from 16 countries are collectively exploring novel technologies. Their work, funded with 1.6 billion euros, proceeds in six technology domains. Among the participating companies is MTU Aero Engines. Germany's leading engine manufacturer brings its own demonstrator to the table. The contracts have been inked.

Dr. Rainer Martens, member of MTU's board of management and chief operating officer, explained: "Clean Sky contributes importantly to the continued competitive viability of the European aerospace industry. The more money we have to work with, the faster we implement our ideas and bring them to market."

Under Clean Sky, MTU is modifying an existing geared turbofan, with optimization focusing primarily on the high-speed low-pressure turbine and the high-pressure compressor. The company is investing in excess of 20 million euros in the effort, an amount the European Union is matching. Additional almost 30 million euros in contributions will come from Italy's Avio, Sweden's Volvo Aero and further partners still to be selected in the course of the project. The demonstrator is scheduled to make its first run in 2012. The aim is to verify component technologies for the engines to power future Airbus and Boeing short- and medium-haul aircraft projected to be extremely thrifty and quiet.

With its approximately 2.6 billion euros in sales and a workforce of 7,100 people, MTU Aero Engines is Germany's leading engine manufacturer and an established global player in the industry. Having carved out leading positions in engine technologies, the company participates in a plurality of national and international technology programs and frequently sets the pace providing advanced technologies. It is the uncontested No. 1 in low-pressure turbines and high-pressure compressors, as well as manufacturing and repair techniques. This year MTU is celebrating its 75th anniversary: It's official legal predecessor is BMW Flugmotorenbau GmbH, which was set up in 1934.



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