

## Technip and Wieland sign an agreement to market innovative heat exchangers

November 29, 2007

Paris and Ulm, November 29, 2007

Technip and Wieland announced today that they have entered into an agreement to jointly market innovative enhanced heat transfer solutions for liquefied natural gas (LNG) and ethylene plants.

Developed jointly by Technip and Wieland, these solutions provide improved energy efficiency through an increase in production capacity, a decrease in energy consumption and reduced CO2 emissions.

Their primary application will be large shell and tube heat exchangers for Technip and third party projects.

This agreement follows more than 10 years of collaboration to develop Wieland GEWA enhanced tubes for this type of application; an idea which started in a laboratory and is now a fully industrialized concept with more than 50 state-of-the-art enhanced shell and tube heat exchangers manufactured to date for LNG and ethylene plants.

This long term collaborative effort (partially supported by European Union funded research & development programs) together with field references in the petrochemical and LNG industries have allowed Technip/Wieland heat exchangers to become standard equipment in large capacity LNG and ethylene plants.

As part of the agreement, Technip and Wieland will further develop, qualify, optimize and market new solutions using Technip's equipment design know-how and Wieland's expertise in enhanced heat transfer tube technologies.

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## **Technip**

With a workforce of 22,000 people, Technip ranks among the top five corporations in the field of oil, gas and petrochemical engineering, construction and services. The Group is headquartered in Paris.

The Group's main operating centers and business units are located in France, Italy, Germany, the UK, Norway, Finland, the Netherlands, the USA, Brazil, Abu-Dhabi, China, India, Malaysia and Australia.

In support of its activities, the Group manufactures flexible pipes and umbilicals, and builds offshore platforms in its manufacturing plants and fabrication yards in France, Brazil, the UK, the USA, Finland and Angola, and has a fleet of specialized vessels for pipeline installation and subsea construction.

## **Wieland Group**

The Wieland Group with headquarters in Ulm, Germany, is one of the world's leading manufacturers of semi-finished and special products in copper and copper alloys. These include strip, sheet, tube, rod, wire and sections as well as slide bearings, finned tubes and heat exchangers.

The Wieland Group has manufacturing sites, slitting centres and trading companies in Europe, China, Singapore, South Africa and the USA. Its R&D as well as production and sales are certified to DIN EN ISO 9001:2000-12. The Wieland Group achieved a turnover of EUR 2,504 million in the business year 2005/2006 with over 6,000 employees worldwide.

For the hydrocarbon processing industry Wieland supplies enhanced heat transfer tubes for shell-and-tube heat exchangers resulting in substantial capacity and energy efficiency improvements. Tube materials range from copper to carbon and alloy steel depending on the requirements in the refining, petrochemical, gas-processing as well as chemical industries.

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