

## District heating supplies Wieland headquarters

- Central energy supply for production facilities, building heating and hot water supply
- Significant reduction of fossil fuel supply
- Reduction of approximately 2,200 tons of CO<sub>2</sub> per year

In alignment with its sustainability strategy, the Wieland Group has invested in a new, eco-friendly heat supply system at its headquarters in Ulm, Germany. The former infrastructure from 1982 has now been replaced by a modern heating center and a district heating transfer station. The total investment amounts to around 3 million euros. The district heating project is funded by the German Federal Ministry for Economic Affairs and Climate Action.

The 40-meter-high chimney at the Wieland site in Ulm is now history. And not only that: The old dual-fuel burners and dual-fuel boilers, which for more than four decades provided process heat, space heating and hot water, were also removed as part of the modernization. With the new central heating system in place, the 100,000-liter fuel oil tank also became obsolete.

"We are consistently working towards reducing emissions on the basis of our sustainability strategy. It is therefore particularly important for us to review energy-intensive processes and make them more sustainable. The fuel used to generate district heating here in Ulm has a renewable ratio of more than 60 percent, which means that we will save around 2,200 tons of CO<sub>2</sub> per year in the future," explained Dr. Erwin Mayr, CEO of the Wieland Group.

The planning of the modernization was extremely complex. High-temperature heat with a flow temperature of 85 degrees Celsius

## Press Release

is required for the processes in the plant. The administration building is supplied via a parallel line. In addition, the supply for the machines, systems and buildings had to be guaranteed at all times during the reconstruction. The project has now been completed, and with the connection to the FUG (Fernwärme Ulm GmbH) district heating network, the Wieland Group has taken a decisive step towards its goal of decarbonization.

### **Precise technology for maximum efficiency**

Three plate heat exchangers with an output of 2.5 megawatts are integrated into the new heating center, where the district heating is transferred. Frequency-controlled twin pumps on each line ensure that peak load can be switched on at any time if necessary. The entire station is controlled by intelligent measurement, control and regulation technology, which enables very efficient use of energy.

### Picture material



Exterior view of Wieland Group's modernized heating system in Ulm.

### About Wieland

## Press Release

Wieland is one of the world's leading suppliers of semi-finished copper and copper alloy products. With a global network of more than 80 production sites, service, and trading companies, the company offers a broad product, technology, and service portfolio. From prototype to series production, Wieland develops solutions for automotive, aerospace, electronics, refrigeration, air conditioning, and many other industries. Wieland uses high-performance copper materials to drive the success of its B2B customers in future-oriented fields such as electromobility, connectivity, and urbanization. High technical competence, customer-oriented thinking, and sustainability determine their actions and have been the basis of the company's success since 1820.

### Wieland in brief

#### **Headquarter**

Graf-Arco-Straße 36 | 89079 Ulm | Germany

#### **Facts**

\*1820 in Ulm, Germany | Sales: 714 kt | Turnover: appr. 6.7 bn. € |  
Locations: 80 | Employees appr. 8,800 [FY21/22 figures of the Wieland Group]

#### **Executive Board**

Dr. Erwin Mayr, CEO | Gregor Tschernjavski, CFO

#### **Chairman of the Supervisory Board**

Fritz-Jürgen Heckmann

For further information, please contact

#### **Wieland Group**

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