

## Press Release

August 23, 2022

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### **Bilfinger supporting REEFUELERY with the construction of a bio-LNG plant for the production of REEFUEL – a climate neutral fuel source**

- **Bio-LNG plant near the German city of Fulda will be completed in the first quarter of 2024**
- **Climate-neutral fuel saves up to 550,000 tons of CO<sub>2</sub> annually**
- **Making a contribution to the energy transition in freight transport**

**Fulda, Germany.** The industrial services provider Bilfinger is putting its expertise to work to help move the energy transition in Germany forward. The most recent example: Bilfinger is supporting REEFUELERY GmbH with the construction of a bio-LNG (liquefied natural gas) plant for the production of the low-emission and climate-friendly REEFUEL for heavy-duty transport.

The contract for work on the construction of the bio-LNG plant including the refueling facility has now been signed between the subsidiary [Bilfinger Engineering & Maintenance](#) and REEFUELERY GmbH of Bakum, Germany. The plant, which will be completed in the first quarter of 2024, will produce LNG from biomethane that will be used as an alternative fuel for freight and heavy-duty transportation to reduce CO<sub>2</sub> emissions.

“Bilfinger has immense potential to actively shape the energy transition in industry. We are looking forward to helping REEFUELERY implement its first German-based bio-LNG plant. The plant is a model for the circular economy and will help ensure that Germany reduces its dependence on fossil fuels,” says Bilfinger Group CEO Dr. Thomas Schulz.

The bio-LNG plant near Fulda will produce up to 180 tons of climate-neutral fuel per day from biomethane derived from municipal and agricultural residues. The sustainable fuel can be used in any LNG-powered truck and contributes to the decarbonization of heavy-duty transport. Up to 4,500 heavy-duty vehicles can be run on a permanently climate-neutral basis with the quantities produced in the plant. This saves a total of up to 550,000 tons of CO<sub>2</sub> per year compared with diesel fuel. Bilfinger’s client REEFUELERY chose the site near Fulda because of its direct access to MIDAL, one of the most powerful gas pipelines in Germany.



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“Bilfinger has previously proven to be a competent and reliable partner for us on other projects. We are delighted that we can once again rely on Bilfinger's expertise in plant construction for the construction of our Bio-LNG plant near Fulda,” says Jürgen Muhle, CEO of REEFUELERY GmbH.

The bio-LNG plant is made up of a large number of individual parts, including components for cleaning and liquefying the gas, pumps, storage tanks and devices for refueling the tanker trucks. Bilfinger's services for the construction of the bio-LNG plant include EPC (engineering-procurement-construction) services for the refueling facility as well as piping construction expertise. Because gas liquefaction involves working with extremely low temperatures, the piping must be designed to withstand operating temperatures as low as minus 196 degrees Celsius and be fitted with special insulation. Bilfinger's decades of expertise in plant construction for clients in the fuel sector can be transferred seamlessly to a green energy source in the construction of the bio-LNG plant.

Bilfinger is a long-standing partner to the energy industry and supports the sector in its transformation to renewable energies. The most recent activities Bilfinger is involved in include the [engineering of the HyStock project](#), an underground hydrogen storage facility in the Netherlands, a [bioenergy plant in Finland](#) and the pipeline construction work of a [climate-friendly district cooling](#).



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Caption:  
Alvernoil REEFUEL LNG filling station near Vechta, directly on the A1. © REEFUELERY GmbH,  
Timo Lutz Werbefotografie



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Caption:

Design of the REEFUELERY liquefaction plant for the production of the climate-neutral fuel REEFUEL. © REEFUELERY GmbH

Bilfinger is an international industrial services provider. The Group aims to enhance the efficiency of assets, ensure a high level of availability, reduce emissions and lower maintenance costs. Creating sustainable production processes for customers is becoming increasingly important. Bilfinger's portfolio covers the entire value chain from consulting, engineering, manufacturing, assembly, maintenance and plant expansion to turnarounds and also includes environmental technologies and digital applications.

The company delivers its services in two service lines: Engineering & Maintenance and Technologies. Bilfinger is primarily active in Europe, North America and the Middle East. Process industry customers come from sectors that include chemicals & petrochemicals, energy & utilities, oil & gas, pharma & biopharma, metallurgy and cement. With its ~ 30,000 employees, Bilfinger upholds the highest standards of safety and quality and generated revenue of €3.7 billion in financial year 2021.

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