



## Who is Ferngas?

Ferngas is the owner of a high-pressure gas transport and distribution grid spanning over 3000 km, primarily located in Thuringia and Bavaria.

Ferngas considers itself an innovative and reliable service provider for all things related to natural gas.

As a Combined Grid Operator, Ferngas is responsible for the safe transport and coordinated distribution of natural gas and the reliable provision of that gas to its residential and industrial customers. Ferngas' primary goal in the planning and execution of every optimisation operation is to create an ultramodern, highly efficient energy infrastructure.



## More questions?



Find more information at:  
[www.ferngas.de](http://www.ferngas.de)



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# Limbach-Niederhohndorf Ferngas is modernising Pipeline 442



## Modern, sustainable energy infrastructure

Pipeline 442 is the backbone of Ferngas' network that distributes natural gas to industries and private residences in the southeast Thuringia and Saxony regions. The plan is to modernise Pipeline 442, originally built in the 1950s and 60s. Additionally, a number of connecting pipelines will be modernised, as well.

The majority of construction will take place along the route of the existing pipeline, though some small detours may be necessary in certain locations.

### Modernising Pipeline 442

Project developer:  
Ferngas Netzgesellschaft mbH

Route:  
Limbach (Thuringia) – Niederhohndorf (Saxony)

Total length of section under construction:  
Main line: about 125 km/Branch lines: about 25 km

Start of construction: Summer 2019  
Duration of construction: 5 years

## Minimally Invasive Construction Plan

Disruption of natural ecology and residential life will be kept to an absolute minimum by following the existing pipeline route whenever possible. In this way, use of these areas can return to normal as soon as the construction is completed.

## What's the benefit of modernisation?

- Enhanced reliability of supply for decades to come
- Optimised control possibilities for gas flow
- State-of-the-art pipeline surveillance and leak detection

## Maintaining reliability of supply even during construction

Modernisation of Pipeline 442 will take place in several steps. To ensure reliability of supply, the project team will make use of branch lines, ring lines, and even build temporary supply lines, when necessary. Application of these methods will also take times of higher gas demand (heating periods) into account.

Natural gas is the cleanest and greenest of the fossil fuels.

For up-to-the-minute updates, consult our website:  
[www.ferngas.de](http://www.ferngas.de)

