

# DISTRICT HEATING IN GRIESHEIM

Long distance efficiency



Pre-insulated Flexalen pipes



Certificates



## PROJECT INTRODUCTION

Griesheim is a rural area in central Germany, and planned to use the waste heat from a biogas plant to supply scattered farms, removed far away from the village. Efficiency over such long distances was a crucial challenge.

In Griesheim, the waste heat from the biogas plant is used to supply 9 farms which are far away from the village, and far away from each other. This project was subsidized by the county Hessen to enhance the use of clean, sustainable energy.

## GOALS

Creating a reliable heating supply for farms outside Worms' (village) heating network. So the special challenge was to overcome long distances in an effective, easy, and sustainable manner.

## PROJECT PROCESS

A wide range dimensions of the **Flexalen pipe system** were used to fulfill each single need with best efficiency, including single and double pipe technologies.

## RESULTS

All 9 scattered farms are now supplied safely, efficiently, and sustainably with clean waste-heat from the biogas plant.

Cheap, local independent supply secured for decades to come!

## PROJECT INFORMATION

📍 Griesheim, Germany

- Duration of 1 Month
- 9 farms with clean, affordable heat
- 1 biogas plant to supply

## APPLICATIONS

- Biomass

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