

# Project Fact Sheet

**Project Title**      **The agricultural flexibility option: The biomethane CHP with 876 full load hours! (BioM0876)**

**Keywords**            biomethane, renewable gases, gas infrastructure, biomethane power generation, CHP, flexibility, residual power, highly flexible plant driving, post-EEG

## Project Details

<b>Project Start</b>	2023	<b>Duration</b>	2 Years
<b>Grant Scheme</b>	Renewable Resources	<b>Project ID</b>	2221NR085A
<b>Funding Authority</b>	Federal Ministry of Food and Agriculture		
<b>Project Budget</b>	191,063 €		
<b>Project Leader</b>	Prof. Dr.-Ing. Uwe Holzhammer		
<b>Contact Person</b>	Volker Selleneit		

## **Project Partners**

Consortium: Landwärme GmbH, IKEM e.V.

Associated: Danpower GmbH, N-Ergie AG, Energethik Ingenieurgesellschaft mbH, Fachverband Biogas e.V., Flexperten (meta-i.d. GmbH), ZukunftGAS e.V.

## Description

The new agricultural flexibility option - the biomethane CHP with 876 full load hours - presents new challenges and chances for the entire process chain from biogas production, processing, transport and usage.

The BioM0876 research project addresses these challenges and creates transparency along the biomethane process chain for all market players by analysing possible design options, thereby supporting the efficient further development of the biomethane market. The focus is on developing perspectives for post-EEG biogas plants in the biomethane market. This is intended to reduce energy and heat-related greenhouse gas emissions, open up new growth opportunities for rural areas and increase the energy sovereignty of Germany and Europe.

In this project, the THI focuses on the technical-economic analysis and its subsequent dissemination.

**Kommentiert [GM1]:** Hier ist die Projektbeschreibung aus dem Förderantrag ausreichend (ggf. kürzen).