

# Institute of Chemical Engineering

Adres artykułu: <https://iich.gliwice.pl/en/article/feasible-prospect-of-methane-removal-from-ventilation-air-of-coal-mine-with-energy-recovery>

## Feasible prospect of methane removal from ventilation air of coal mine with energy recovery

<b>Publication date:</b>	30.12.2021
<b>Publication title:</b>	<a href="https://iich.gliwice.pl/en/article/feasible-prospect-of-methane-removal-from-ventilation-air-of-coal-mine-with-energy-recovery">Feasible prospect of methane removal from ventilation air of coal mine with energy recovery</a>
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<b>Journal information:</b>	Prace Naukowe Instytutu Inżynierii Chemicznej Polskiej Akademii Nauk
<b>Tags:</b>	<a href="#">thermal combustion</a> , <a href="#">methane</a> , <a href="#">reversal reactor</a>

**Abstract:** The problems related to the utilization of low-concentration methane emitted with the ventilation air from coal mines into the atmosphere are discussed. A short review of the methods of such utilization proposed in the literature was made, with particular emphasis on the aspects of industrial implementation on large-scale facilities. The work includes the experimental and simulation experiences of ICE PAS in the thermal combustion of methane in a flow reversal reactor.

## Attachments:

[Zeszyt-25-2021](#) pdf, 6.38 MB

<b>Created at:</b>	05.08.2025
<b>Published by:</b>	Artur Wojdyła
<b>Published at:</b>	05.08.2025 12:16
<b>Number of downloads:</b>	143

Tagi: thermal combustion, methane, reversal reactor

# Metryczka

<b>Published by:</b>	Artur Wojdyła
<b>Published at:</b>	06.08.2025 08:37
<b>Number of views:</b>	138