

Biomethane business perspectives PL



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Business models 2025 - 2030



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High bioCH₄ FIP price for plants up to 250 m³/h + guarantees of origin

2024 amendment to the Renewable Energy Sources Act - key changes

The introduction of new support mechanisms for the biomethane sector significantly improves investment conditions and provides stability and predictability for producers.

Guaranteed price for biomethane – first bioCH₄ OPEX support in Poland

The amendment introduced a guaranteed price mechanism for biomethane plants (up to 250 m³/h) :

- **545 PLN/MWh** - for agricultural biogas
- **538 PLN/MWh** - for biogas other than agricultural biogas.
- Duration: **20 years** , which ensures long-term profitability of the investment.
- Revaluation mechanism - **annual indexation** of the tariff to the rate of inflation, in line with the recommendations of the European Commission.



Draft law amending the RES act on bioCH₄ auctions

- *Auction system - for biomethane installations above 1 MW.*
- *New definition of direct biogas pipeline - included in the RES Act.*
- *Two-size auction baskets.*
- *First auction in late 2026.*

Position paper of the Polish Biomethane Organization :

- Definition of gaseous fuel - the PBO opposes the exclusion of liquefied and compressed biomethane from the category of gaseous fuels if they are not supplied by the gas grid.
- Deadline for feeding biomethane into the grid - request to extend the deadline due to the complexity of the connection procedures.
- Market competitiveness - PBO opposes restrictions on substrates used for biomethane production.
- Support for biomethane collection points - the need for legal solutions to facilitate their development.

The objective of these changes is to open the market and create stable conditions for the development of the biomethane sector.

Draft law amending the RES act on bioCH₄ auctions

Biomethane Auction System - Key Features of the draft law :

- **Volumes of support**

- The planned support will cover the production of around 300 million m³ of biomethane per year (~3,100 GWh) in first 2026 auction .
- This implies the construction of around 50 new plants with an average capacity of 2.8 MW (electricity equivalent) .

- **Role of the URE (regulatory office)**

- Responsible for organising , conducting and adjudicating the auctions .
- The process will be conducted on an analogous basis to the current renewable electricity auctions .

- **Purpose of the auction system**

- To create predictable investment conditions for the biomethane sector .
- To stimulate market development and increase biomethane production in Poland .

- **Who can benefit?**

- Biomethane producers in renewable energy installations that feed gaseous fuel into the gas grid .

- **Obligations of beneficiaries**

Commencement of biomethane production within 4 years of the auction result (PBO proposes 5 years) .





Project development - state of play



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PBO Report on bioCH₄ Projects Developments in Poland

Results of the analysis – **projects to be ready for 2026 auction** :

- Number of planned investments with environmental permit already obtained: **60 - 70**
- Total installed capacity: more than **175 MW (M350 m³/y)**
- bioCH₄ volume range of individual investments: **from 500 m³/h to 2250 m³/h (average 750 m³/h)** .

The final Report dedicated to the PBO Members provides a comprehensive overview on the development status of the biomethane sector in Poland .

Extract from the Report is already available on our website :

www .bioCH 4 .org



Expertise and analysis in the biomethane sector

The Polish Biomethane Organization provides research and analysis to support the development of the biomethane sector in Poland .

- The report 'Biomethane Production Potential in Poland'

Estimates the potential biomethane production at 9 billion m³ per year.

- Analysis of biomethane investments

Includes projects at the stage of obtaining permits.
Identifies real potential for development of new biomethane facilities ready for first and next auctions.

PBO provides key data and recommendations to support biomethane development in Poland .





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