



ABSTRACT

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Indexed keywords

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SciVal Topics

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Obtaining Electricity Through The Use of Biogas, Investments And Perspectives

Hruban, Vasyl^a; Honcharenko, Iryna^b; Martynenko, Volodymyr^c;Sadovoy, Oleksiy^c[Save all to author list](#)^a Mykolayiv National Agrarian University, Department of Tractors and Agricultural Machines, Operation and Technical, Mykolayiv, Ukraine^b Mykolayiv National Agrarian University, Department of Public Management, Administration and International Economics, Mykolayiv, Ukraine^c Mykolayiv National Agrarian University, Department of Electric Power Engineering, Electrical Engineering and Electromechanics, Mykolayiv, Ukraine[Full text options](#) [Export](#)

Abstract

Biomethane production has great potential for development in both the European Union and Ukraine due to the growing demand for renewable energy sources and the need to reduce greenhouse gas emissions. Biomethane is produced by the anaerobic digestion of organic matter, such as agricultural waste, sewage, and food waste. It can be injected into the existing natural gas grid and used as a fuel for heating, transportation, and electricity generation. © 2023 IEEE.

Author keywords

biogas; biomass; biomethane; electricity generation; hydrogen

Indexed keywords

Engineering controlled terms

Agricultural wastes; Anaerobic digestion; Gas emissions; Greenhouse gases; Investments; Methane; Power generation; Renewable energy; Sewage

Engineering uncontrolled terms

Biomethane; Electricity-generation; European union; Food waste; Greenhouse gas emissions; Growing demand; Natural gas grids; Renewable energy source; Ukraine

Engineering main heading

Biogas

SciVal Topics ①

No SciVal Topics found for this document.

Funding details

World Bank Group

WBG

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European Bank for Reconstruction and Development

EBRD

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Funding text

International Funding Organizations: Seek support from international funding organizations like the World Bank, European Bank for Reconstruction and Development (EBRD), and the Green Climate Fund, which often provide funding and technical assistance for renewable energy projects.

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Hruban, V.; Mykolayiv National Agrarian University, Department of Tractors and Agricultural Machines, Operation and Technical, Mykolayiv, Ukraine
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