

## Special Issue

# Advances in Power-to-X Technologies Using Biogas as Carbon Source

### Message from the Guest Editors

This Special Issue aims to cover the latest advances within research and technological development of Power to X (PtX) technologies using biogas as the carbon source. We invite you to contribute to this Special Issue with submissions of original research and critical reviews covering the development and application of both chemical and biological PtX technologies within the biogas sector.

- Power to X
- Power to gas
- Biomethane
- Green Methanol
- Biomethanol
- Biogas upgrading
- CO<sub>2</sub> Capture and Utilization
- Biological conversion of CO<sub>2</sub>
- Bio-methanation
- Sabatier process
- Syngas
- Photosynthetic biogas upgrading
- Energy system integration
- Carbon economy

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### Guest Editors

Prof. Dr. Lars Ditlev Mørck Ottosen

Dr. Behzad Partoon

Dr. Mads Borgbjerg Jensen

Dr. John Bøgild Hansen

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### Deadline for manuscript submissions

closed (31 March 2022)



## Energies

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## About the Journal

### Message from the Editor-in-Chief

*Energies* is an international, open access journal in energy engineering and research. The journal publishes original papers, review articles, technical notes, and letters. Authors are encouraged to submit manuscripts which bridge the gaps between research, development and implementation. The journal provides a forum for information on research, innovation, and demonstration in the areas of energy conversion and conservation, the optimal use of energy resources, optimization of energy processes, mitigation of environmental pollutants, and sustainable energy systems.

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### Editor-in-Chief

Prof. Dr. Enrico Sciubba

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