

## Special Issue

# Energy Efficiency of Blockchain and Distributed Ledger Technologies

### Message from the Guest Editor

This Special Issue focuses on the energy efficiency of BCT and DLT; it calls for innovative scientific research on energy systems enabled by BCT and DLT. Preferable topics include but are not limited to:

- Sustainable blockchain-based energy business models;
- Social sustainability permitted by BCT and DLT energy systems;
- Energy-efficient BCT and DLT markets;
- Microgrid energy-efficient BCT and DLT systems;
- Energy sovereignty empowered by BCT and DLT systems;
- Electricity trading using BCT and DLT networks;
- Efficient smart contracts implementing electricity trading;
- BCT and DLT customer-centric electricity systems;
- Cost and scale economics facilitated by BCT and DLT energy systems;
- Risk in BCT and DLT enabled energy systems;
- Management of energy relying on BCT and DLT;
- Fiction versus reality in energy cost of BCT and DLT systems;
- Analysis of BCT and DLT energy consumption;
- Scalability of BCT and DLT energy systems;
- Interoperability of BCT and DLT energy systems;
- Impact analysis of BCT and DLT energy systems.

### Guest Editor

Dr. Catarina Ferreira da Silva

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### Deadline for manuscript submissions

closed (31 December 2021)



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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

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