Special Issue

Energy and Business: New and Disruptive Business Models, Blockchain Experiments and Regulation

Message from the Guest Editor

The Special Issue entitled "Energy and Business: New and Disruptive Business Models, Blockchain Experiments and Regulation" focuses on the impact of digitization on the new, breakthrough business models in the energy sector, namely the energy platforms, virtual power plants and peer-to-peer models. These new business models are increasingly using not only IoT and smart grids, but also blockchain and AI. The digital energy transformation is also accompanied by the entry of new economic entities into the energy market. Digitization is seen as an important factor in intensifying the development of renewable energy. This is in line with the climate policy of more developed countries (e.g. the European Green Deal in the EU). Digitization tools can constitute significant support in managing dispersed energy sources (through smart contracts), as well as in the inclusion of prosumption energy into the energy distribution network, and in ensuring energy security at the local and national levels. The high efficiency of new business models in the energy sector also requires a slightly different approach to legal regulations, combining energy with digitization.

Guest Editor

Prof. Dr. Teresa Pakulska

SGH Warsaw School of Economics, Collegium of Business Administration, Institute of Markets and Competition, al. Niepodległości 162, 02-554 Warsaw, Poland

Deadline for manuscript submissions

closed (6 February 2023)

Energies

an Open Access Journal by MDPI

Impact Factor 3.2
CiteScore 7.3

mdpi.com/si/89871

Energies
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
energies@mdpi.com

mdpi.com/journal/energies

Energies

an Open Access Journal by MDPI

Impact Factor 3.2
CiteScore 7.3

mdpi.com/journal/energies

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.

Editor-in-Chief

Prof. Dr. Enrico Sciubba
Department of Mechanical and Industrial Engineering, University Niccolò Cusano, 00166 Roma, Italy

Author Benefits

Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:

indexed within Scopus, SCIE (Web of Science), Ei Compendex, RePEc, Inspec, CAPlus / SciFinder, and other databases.

Journal Rank:

CiteScore - Q1 (Control and Optimization)

MDPI