

Special Issue

New Insights into Energy and Environment Economics: Decarbonization Goals

Message from the Guest Editor

In light of the recent climate agreements, the energy transition for the industrial sector must combine energy and environmental sustainability with growth and business performance. Various incentive tools are available to promote energy efficiency and to achieve decarbonization objectives. For negotiating rights or certificates, the better. In addition to the opportunity costs of the different tools, it is necessary to add an 'of light to the interaction with the tools to support industry 4.0 policies given that the connection with energy efficiency is well established. Therefore, it is necessary to analyse on the one hand the technological and energy potential to reduce energy intensity in industry, the impact that energy efficiency and industry 4.0 measures can determine on the performance of companies and on the other the costs of the various incentives. Currently there is a tendency to set ambitious decarbonization goals and, to achieve them, the combination of instruments such as emission trading systems, energy efficiency certificates, support to industry 4.0 policies is necessary.

Guest Editor

Dr. Giacomo Di Foggia

Department of Business and Law, Università di Milano-Bicocca, 20126 Milano, MI, Italy

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

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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

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