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Challenges and opportunities of Agri-PV systems in a clean energy transition for rural areas

Cristina EFREMOV, Mihai SANDULEAC, Dumitru BRAGA

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Abstract

A powerful conceptual element in a clean energy transition vision to achieve climate neutrality by 2050 is presented by the development of Agri-PV systems, which have the potential to provide a deep transformation of the agricultural sector. The paper presents an analysis of some of the most important challenges of Agri-PV systems as well as its advantages to make the agricultural sector more resilient and to support delivery of sustainable energy and food all over the world.

Keywords: *energy transition, renewable energy sources, photovoltaic system, emerging technologies, combined use of land*

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