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Can you tell us more about the recent regulation passed in Croatia for Agri-PV? How will this benefit both the solar and agriculture sectors? In 2022, the Ministry of Agriculture initiated the amendments to the Agricultural Land Act allowing the installation of "green energy infrastructure" for the purpose of "increasing the profitability ...

Agrivoltaics involves placing solar panels on farmland, while aquavoltaics integrates photovoltaic systems with water bodies and aquaculture. This paper examines the benefits and challenges of agrivoltaics and aquavoltaics, focusing on their potential for Croatian agriculture and freshwater aquaculture.

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Agrisolar power plants installed on only 1% or 1,000 hectares of total available agricultural land in Croatia could produce 1,000 GWh of green electricity a year, according to the Study on the potential of using solar energy ...

6 MW Agri-PV Project: Located in Sisak-Moslavina County, this project aims to integrate agricultural practices with solar energy production, making it one of the first Agri-PV sites in Croatia. 50 MW Solar Project: Also situated in Sisak-Moslavina County, this project is part of Hive Energy"s efforts to expand solar capacity in the region.

Installed directly above crops, solar provides shade, protects crops against hail or frost, enables stable crop yields, and increases the electrical yield of PV panels. Solar can be installed on agricultural hangars or on greenhouses and can support the development of modern infrastructure that improves the competitiveness of the agricultural ...

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The Croatian government set up rules for the Spatial Planning Act, defining the definition of agricultural photovoltaic installations and the areas where they can be deployed, thereby facilitating future photovoltaic deployments.

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