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Vietnam launches Agri-photovoltaics project to deploy 10 agricultural solar power models at pilot phase

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Vietnam's Agricultural Project Management Board (Ministry of Agriculture and Environment) in collaboration with the German International Cooperation Agency (GIZ) held a meeting to launch the Agri-photovoltaics for rural areas in Vietnam (Agri-PV) project. The project is funded by the German Federal Ministry for Economic Cooperation and Development (BMZ).

The Agri-PV project aims to deploy at least 10 agricultural solar power models. The pilot models will provide valuable experiences to demonstrate that farmers can benefit from combining agricultural production with solar power. In addition, 65% of the total 20 policy makers and stakeholders in the agricultural solar power sector will have improved knowledge about the current development status.

Mr. Pham Ngoc Mau - Deputy Director of the International Cooperation Department (Ministry of Agriculture and Environment) said that Agri-PV is the first agricultural solar power project in Vietnam. The Agri-PV project aims to promote the development of agri-photovoltaics models in agricultural land systems cultivation towards enhancing gender equality and contributing to increasing farmers' income, promoting energy transition. This model brings dual benefits: both generating clean energy and agricultural production.

The Ministry of Agriculture and Environment expects GIZ to mobilize international experts and experience to develop solar power for agriculture. The Management Board will take advantage of existing models, make effective adjustments, and aim to build multi-sectoral pilot projects.

To realize the goal in 3 years of implementation, the project will focus on assessing the current status and potential for agricultural photovoltaics development in Vietnam, thereby providing consulting solutions on appropriate photovoltaics development models and strategies. In addition, capacity building, providing consulting services to stakeholders and mobilizing resources, contributing to the agricultural transformation process as well as committed on a just energy transition, Net Zero and NDC 3.0.

The Agri-PV project has 4 components, implemented from 2025-2027: Assessing the current status and potential for renewable energy development in Vietnam; Consulting on appropriate renewable energy development models and strategies in Vietnam; Strengthening the capacity of relevant actors, including women and hazardous groups, in implementing renewable energy models in a farmer-friendly manner; Mobilizing resources for renewable energy development in Vietnam for Vietnamese partners.