



ICLEI Energy Exchange # 4

Topic: Agri-voltaics

Session description

The integration of renewable energy sources in agriculture, particularly through agri-voltaics, has emerged as a promising approach to promote sustainable farming practices and address energy and food security challenges. One of the main obstacles is the high upfront costs associated with implementing agri-voltaic projects, which can hinder their economic viability. Finding solutions to these challenges is crucial for achieving seamless integration of renewables in agriculture without compromising agricultural productivity.

During the upcoming technical webinar, participants will delve into the technical considerations involved in integrating renewable energy systems in agricultural settings. They will explore topics such as system design, optimal placement, and efficiency optimization to ensure the successful integration of renewables. The webinar will also feature discussions on the impact of agri-voltaics on agricultural productivity and renewable energy generation through the presentation of successful case studies.

Featured speaker(s) Subrahmanyam Pulipaka, CEO, National Solar Energy Federation of India.

Moderator *Felix Akrofi, Senior Officer, Sustainable Energy, ICLEI World Secretariat*

Date and location Virtually on Zoom, Sep 15 2023

Guiding questions

Participants can expect to gain insight on the following questions:

- How can local governments balance land use priorities and ensure the compatibility of agri-voltaics with existing agricultural practices?
- What are the best practices for optimizing the technical integration of renewable energy systems in agriculture while maximizing crop yields?
- How can local governments collaborate with financial institutions and private investors to provide accessible and affordable financing options for agri-voltaic projects?
- What are the potential economic benefits and returns on investment for farmers who adopt agri-voltaics, and how can local governments support their transition?
- How can local governments ensure the dissemination of accurate information and training opportunities to farmers and agricultural stakeholders to facilitate the widespread adoption of agri-voltaics?



- What policy frameworks and regulatory mechanisms can local governments implement to streamline the permitting process and incentivize agri-voltaic installations in the agricultural sector?

Indicative agenda

Time	Description
5 minutes	Introduction by ICLEI WS
40 minutes	In-depth dive into the chosen theme
15 minutes	Audience interactive discussion (Q&A) and closing remarks

Contact information

In case of questions or concerns, or interest in partnering or participating, please contact the Sustainable Energy team at the ICLEI World Secretariat at sustainable.energy@iclei.org.

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