



Sustainable Agrivoltaics: ENEA and ETA – Florence Renewable Energies signing a Memorandum of Understanding for National Network

Agrivoltaics is a combination of solar energy and agriculture that can promote the decarbonization of the energy system, but also the sustainability of the agricultural sector and the long-term profitability of small and medium-sized enterprises.

ENEA and ETA - Florence Renewable Energies have recently signed a Memorandum of Understanding for the creation of a national platform on sustainable agrivoltaic. In the framework of the 29th European Biomass Conference & Exhibition (EUBCE), the initiative detailed in the Memorandum of Understanding was presented on 27 April 2021 as a peculiar opportunity of confrontation between operators on the topics of landscape, environment, energy, photovoltaics, agriculture, and research.

In order to promote the development of agrivoltaic in a sustainable way, ENEA and ETA - Florence will work together to create the first consolidated national network. The platform aims to bring together the entire supply chain involved by promoting the exchange of information between companies, institutions, universities, and trade associations.

Future activities will be implemented to respond to challenges requiring transdisciplinary collaboration. These include the need to:

- Identify innovative methods and solutions for the implementation of agrivoltaic systems in Italy;
- establishing legal and regulatory reference frameworks;
- disseminate pre-normative guidelines for plant installation.

To this end, ENEA is providing a task force with infrastructures and multi-year expertise in the green technology and agro-industry sectors, combining the skills of the Energy Technologies and Renewable Sources and Sustainability of Territorial Production Systems Departments.

ETA - Florence will develop the web platform on which the main activities of the sustainable agrivoltaic network will take place. This platform will be a place of exchange for the various national initiatives and best practices, as well as a collection point for pilot projects and case studies. In addition to the coordination and management of the platform, ETA Florence will take care of communication activities, organisation of events and publications.

The following stakeholders have already expressed interest in joining the national network of sustainable agrivoltaic: Associazione Italiana Architettura del Paesaggio (AIAPP), Confagricoltura, Consiglio dell'Ordine Nazionale dei Dottori Agronomi e Dottori Forestali (CONAF), Coordinamento FREE (Coordinamento Fonti Rinnovabili ed Efficienza Energetica), Italia Solare, Legambiente, Università Cattolica del Sacro Cuore, REMTec and Società Italiana di Agronomia (SIA).

For more information: info@agrivoltaicosostenibile.com

www.agrivoltaicosostenibile.com



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l'energia e lo sviluppo economico sostenibile

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