AGRIVOLTAICS 2025

together with 15th International C&E on Green Flexible Printed Electronics Industry (ICEFPE25)

www.agrivoltaics-conf.com

Organized by:

HOPE-A Hellenic Organic & Printed Electronics Association

Itfn Nanotechnology Lab

COPE-Nano

November 2025

Athens, Greece

Given global population growth, there's an increasing need to enhance food and energy generation However, meeting increased food demand may raise fossil fuel usage and greenhouse gas emissions. REPowerEU seeks to achieve 45% renewable energy in the EU at 2030 mix and expedite PV energy adoption through an EU solar energy strategy.

Agrivoltaics is an emerging technology field that combines the most innovative Renewable Energy solution based on Flexible Semitransparent Organic Photovoltaics (OPV) and the other FPE devices with Agriculture to lead a sustainable farming process and crop growth. Implementing OPV-based energy systems avoids impacting arable land, addressing limited agricultural space and promoting sustainable land management.

Agrivoltaics, especially with OPVs can contribute not only to the 1 TWp solar target by 2030 and 50 TWp solar target by 2050, but also to increase dramatically the food production and water management. Soon, Greenhouse and open cultivations will be fully transformed into sustainable food production units and power plants for self-consumption, electricity trade and grid connection, creating wealth, employment, and prosperity in local communities and countries.

Sponsors:

GOLD SPONSOR

OET Energy Technologies

BRONZE SPONSOR

Coatema® Coating Machinery GmbH

metadosis TELECOM

Supported by:

HORIZON EUROPE · FLEX2ENERGY AUTOMATED MANUFACTURING PRODUCTION LINE FOR IPVS · DigiPass · HORIZON 2020 · REAL NANO · FLEX FUNCTION 2 SUSTAIN · musicode · nanoMECommons · nanotexnology · NanoINet research & innovation network · ΕΣΠΑ 2021-2027 · WINENERGY · Ελλάδα 2.0 · 3GPV-4INDUSTRY · OET Energy Technologies · BL NANOBIOMED · Coatema Coating Machinery GmbH · HELLENIC ASSOCIATION OF PHOTOVOLTAIC COMPANIES · ΣΥΒΙΠΥΣ · ΣΕΚΕΕ · HETiA

Info | tel. 2310998091 | email: info@icefpe.com / info@agrivoltaics-conf.com

www.icefpe.com | www.agrivoltaics-conf.com