AGRIPV-NEXUS RESULTS

AgriPV-Nexus Knowledge Platform: An open-access knowledge sharing and stakeholder capacity building platform.

AgriPV Decision Support Tool (DST): A user-friendly digital tool providing actionable, context-specific recommendations.

Digital Twin of Agrivoltaics-cum-Agroecology System: An advanced virtual model mirroring real-world agrivoltaic-agroecological systems.

Low-cost Carbon MRV Protocol for Soil Organic Carbon (SOC): A scalable, affordable protocol for quantifying soil organic carbon.

Policy report & recommendations on agrivoltaics for smallholders: A participatory policy document translating insights from Living Labs into action.

Newly established Living Labs (LLs): 4 LLs showcasing the benefits of agrivoltaics.

Tested agroecological solutions: 5+ tested agroecological solutions under agrivoltaics capable of reducing land and soil degradation.

COORDINATOR

Universität der Bundeswehr München

PARTNERS

RAINNO INNOVATION RAINMAKERS

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University of Maribor

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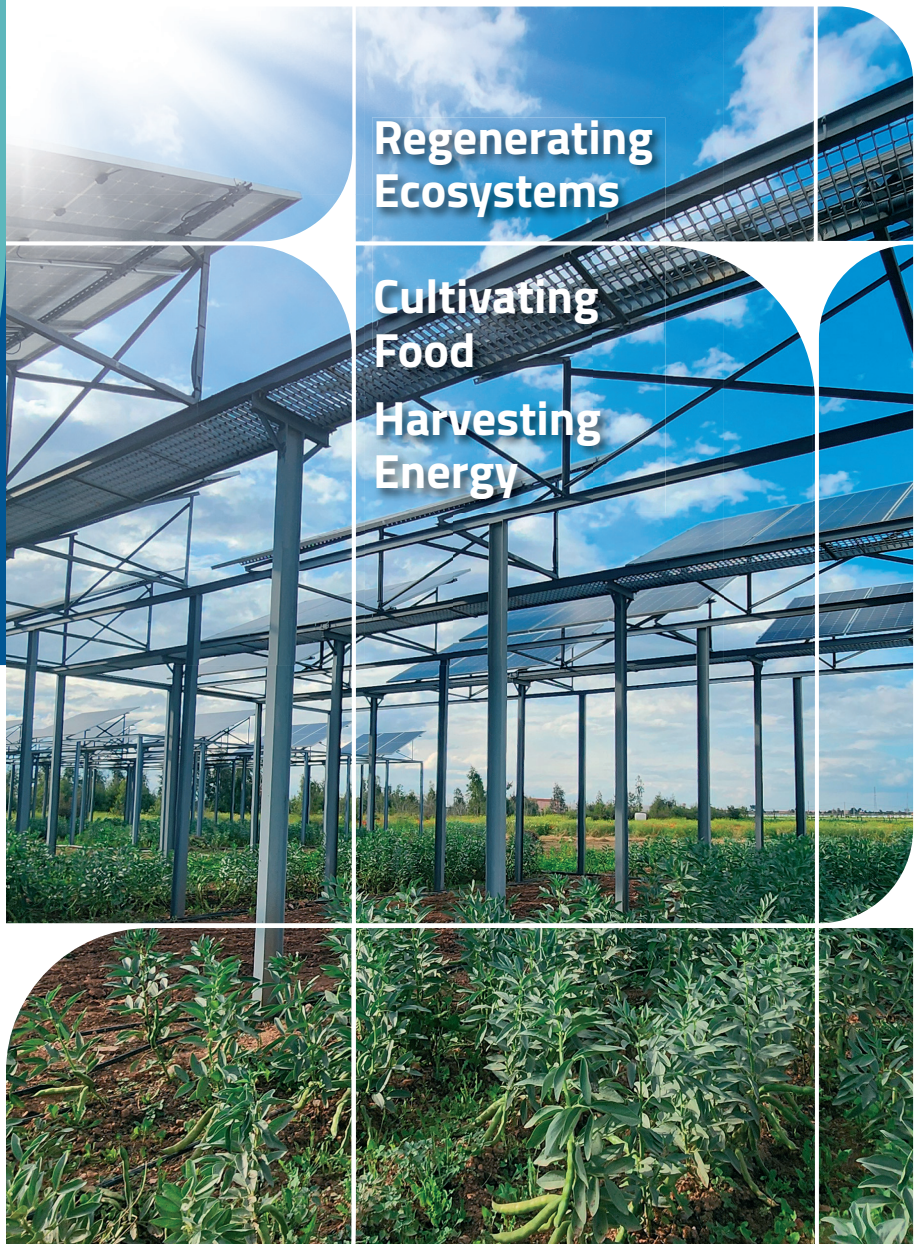
AgriPV Nexus

Scalable Agrivoltaic Solutions for Climate-Smart Agroecology in Mediterranean Farming Systems



PRIMA PARTNERSHIP FOR RESEARCH AND INNOVATION IN THE MEDITERRANEAN AREA

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OUR MISSION

The mission of AgriPV-Nexus is to catalyse a sustainable agroecological transition in Mediterranean smallholder farming systems by integrating nature-based, technological, digital, and socio-economic innovations.

The project will develop and test climate resilient agroecological practices enhanced by agrivoltaics, to empower farmers, extension agents, policymakers, and civil society.

4 LIVING LABS

The AgriPV-Nexus project will assess and validate its approach across diverse Living Labs (LLs) in 4 different Mediterranean countries .

WHY AGRIVOLTAICS?

In the Mediterranean region, severe shifts in climate are exacerbating water scarcity, soil degradation, and crop vulnerabilities, which directly threaten the socio-economic resilience of smallholder farmers.

To combat this, AgriPV-Nexus champions the integration of solar photovoltaic (PV) systems with agroecological practices, a nature-tech solution known as agrivoltaics. Agrivoltaic systems can offer numerous benefits: