

Workshop Agenda

Reducing the photovoltaic operation and maintenance (O&M) costs through an advanced online platform (ROM-PV)

Date:	Thu, 8 th June 2023
Time:	10:00 – 12:00 am (EEST - CY time)
Location:	Online Workshop – ZOOM – Register beforehand via the link here , to get access to the workshop and receive the connection details.
Hosted by:	University of Cyprus (UCY)
Moderator:	Andreas Livera (University of Cyprus – PV Technology Laboratory)

Background: ROM-PV project was initiated to overcome the challenge of ensuring the quality of photovoltaic (PV) power plant operation by developing and commercialising a product that enables preventive and predictive maintenance and ensures optimal PV plant performance while reducing costs associated with operation and maintenance (O&M).

This workshop will provide technical information in the field of performance, reliability, and monitoring of PV systems. Emphasis will be given to the diagnosis of failures and soiling in monitored PV systems. The commercial product, ACTIS EPR platform operated by Alectris, with data-driven functionalities will be demonstrated.

The workshop is intended for local and international partners, researchers and stakeholders in the PV energy sector. The participants will get the required technical background and in-field knowledge of the work carried out in the **ROM-PV** project.



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"The ROM-PV project is supported under the umbrella of SOLAR-ERA.NET Cofund 2 by the Cyprus Research Innovation Foundation (RIF, P2P/SOLAR/0818/0009), the Ministry of Economy, Industry and Competitiveness – State Research Agency (MINECO-AEI, PCI2019-111852-2) and the General Secretariat for Research and Technology (GSRT, T11EPA4-00023). SOLAR-ERA.NET is supported by the European Commission within the EU Framework Programme for Research and Innovation HORIZON 2020 (Cofund 2 ERA-NET Action, N° 786483).

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10:00	10:05	0:05	Welcome <i>Welcome by Andreas Livera - Principal Investigator (University of Cyprus)</i>
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10:05	10:50	0:45	Presentation and activities by the consortium members
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10:05	10:20	0:15	PV Technology Laboratory, University of Cyprus <i>Presentation by Odhisea Gazeli (University of Cyprus)</i>
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10:20	10:35	0:15	Centre for Advanced Studies in Energy and Environment, University of Jaén <i>Presentation by Eduardo F. Fernández (University of Jaén)</i>
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10:35	10:50	0:15	Alectris Hellas IKE <i>Presentation by Vassilis Papaeconomou (Alectris Hellas IKE)</i>
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10:50	11:45	0:55	Insights and results of the ROM-PV project
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10:50	11:10	0:20	Failure diagnosis in PV systems <i>Presentation by Andreas Livera (University of Cyprus)</i>
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11:10	11:30	0:20	Soiling monitoring, detection and mitigation <i>Presentation by João Gabriel Bessa (University of Jaén)</i>
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11:30	11:45	0:15	Demonstration of ACTIS EPR platform <i>Presentation by Panagiotis Vassilaras (Alectris Hellas IKE)</i>
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11:45	11:55	0:10	Questions/Open discussion
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11:55	12:00	0:05	Workshop Summary and Closing Remarks



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ROM-PV



University of Cyprus
PV Technology

Project Information

The **ROM-PV** project started in December 2019. The project was coordinated by PV Technology Laboratory - FOSS Research Centre for Sustainable Energy of the University of Cyprus and the partners are the Centre for Advanced Studies in Earth Sciences, Energy and Environment (CEACTEMA) of the University of Jaén and Alectris Hellas IKE company delivering asset care for the global solar industry.

Consortium



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