

# Workshop Agenda

## One intelligent cloud for PV Assets Diagnosis and Maintenance (1C4PV)

<b>Date:</b>	2 <sup>nd</sup> November 2022
<b>Time:</b>	10:00 – 11:35 am (EET - CY Time)
<b>Location:</b>	Online Workshop – ZOOM – Connect via the link <a href="#">here</a> .
<b>Hosted by:</b>	University of Cyprus (UCY)
<b>Moderator:</b>	Andreas Livera (University of Cyprus – PV Technology Laboratory)

This workshop will provide technical information in the field of performance, reliability, monitoring and maintenance activities in PV systems. Emphasis will be given on the classification of failures and losses, criticality evaluation of detected incidents and generation of recommendation actions. The developed cloud-based platform for PV Assets Diagnosis and will also be demonstrated.

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<b>10:00</b>	<b>10:05</b>	<b>0:05</b>	<b>Welcome</b> <i>Welcome by Andreas Livera - Principal Investigator (University of Cyprus)</i>
<b>10:05</b>	<b>10:20</b>	<b>0:15</b>	<b>PV Technology Laboratory/FOSS general presentation and research activities</b> <i>Presentation by Anna Michail (University of Cyprus)</i>
<b>10:20</b>	<b>10:35</b>	<b>0:15</b>	<b>ISOTROL general presentation and activities</b> <i>Presentation by Ruben Gonzalez Bernal (Isotrol)</i>
<b>10:35</b>	<b>10:55</b>	<b>0:20</b>	<b>Insights and results of the 1C4PV project</b> <i>Presentation by Andreas Livera (University of Cyprus)</i>
<b>10:55</b>	<b>11:15</b>	<b>0:20</b>	<b>One intelligent cloud for PV Assets Diagnosis and Maintenance – Presentation of the 1C4PV solution for optimal O&amp;M practises</b> <i>Presentation by Sergio Raigon Gomez (Isotrol)</i>
<b>11:15</b>	<b>11:30</b>	<b>0:15</b>	<b>Questions/Open discussion</b>
<b>11:30</b>	<b>11:35</b>	<b>0:05</b>	<b>Workshop Summary and Closing Remarks</b>

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 **1C4PV** project.

## Project Information

The **1C4PV project** aimed at providing an integrated platform for PV O&M cost reduction and revenue optimization for PV plants based on advanced and automated functions for data analysis, fault detection, diagnosis and O&M recommendations. The integrated platform can manage the complete process of acquisition and standardization of plant data on a cloud platform, validation and cleaning of the information received, identification of failures and performance problems, generation of recommendations for maintenance and prioritization of actions and follow-up.

The project was coordinated by ISOTROL, an industrial partner specialised in information systems for monitoring and control of renewables and the partners were TEGNATIA, an O&M company for solar plants and the PV Technology Lab of FOSS Research Centre for Sustainable Energy of the University of Cyprus (UCY).

## Consortium



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