

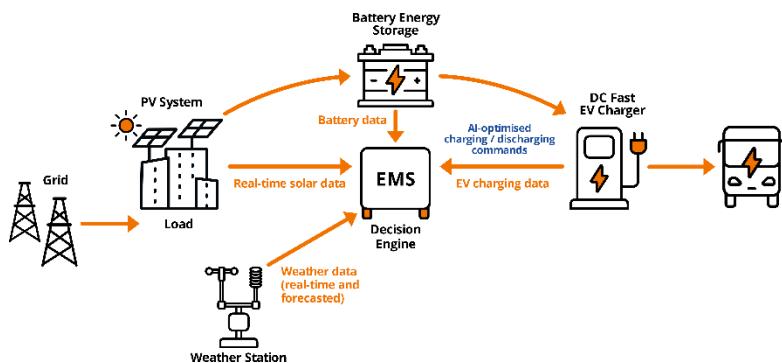


Future of Clean Mobility Day

EMS4PVBEV: Advanced AI-Driven Energy Management System for Photovoltaic-Powered and Battery Integrated Electric Vehicle Charging Stations

Date:	Wed, 17 Dec 2025
Time:	10:00 – 12:00 am
Location:	Cyprus Public Transport Head Offices, Thali 4, Geri, 2200, Nicosia, Map
Host:	Cyprus Public Transport (CPT)

Background: The EMS4PVBEV project is an industry driven project aiming to accelerate Cyprus's clean energy transition through the development of a photovoltaic (PV)-powered and battery-integrated electric vehicle (EV) charging station. The project responds to the growing demand for sustainable mobility solutions, by developing an energy management system (EMS) for optimizing electricity usage, reducing charging costs, and improving grid resilience.



This event will provide technical information for the deployment and commissioning of the PV-powered, battery-integrated EV charging experimental infrastructure. It will also present key experimental results and share valuable lessons learned from the operation of the PV-battery system.



The **EMS4PVBEV** project is financed by the Recovery and Resilience Facility of the NextGenerationEU instrument through the Cyprus Research and Innovation Foundation (ENTERPRISES/ENERGY/1123/0011).



Agenda

09:00	09:15	0:15	Arrival & Registration
09:15	10:25	0:10	Opening Address: Shaping Tomorrow's Mobility Julio Tironi and Andreas Demetriadis (Cyprus Public Transport)
10:25	10:40	0:15	EMS4PVBEV Project: Project Overview Katerina Maxouti (Larnaca Public Transport)
10:40	11:00	0:20	Key Insights: Results & Lessons from EMS4PVBEV Andreas Livera (University of Cyprus)
11:00	11:10	0:10	Live Demo: Multi-Service Energy Management Platform Panagiotis Herodotou (University of Cyprus)
11:10	11:30	0:20	Shaping the Future of Clean Transport Open Discussion
11:30	12:00	0:30	Tour: Innovative PV-powered & Battery-integrated EV Charging Station Andreas Demetriadis (Cyprus Public Transport)
12:00			Closing & Networking



**CYPRUS
PUBLIC
TRANSPORT**

Nicosia Public Transport  Larnaca Public Transport



**University of Cyprus
PV Technology**



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