



Photovoltaics Reliability
Operations and Maintenance
Innovative Solutions for
Energy Alliance

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PRESS RELEASE

Within PROMISE we aim to prepare the Maltese PV research community for the energy transition

PROMISE is a 3 year research and innovation project funded by the European Commission through a Twinning action (HORIZON-WIDERA-2021-ACCESS-03), as part of the Widening Participation and Spreading Excellence objective under Horizon Europe.

In average, Malta has the highest solar irradiance of all EU Member States, with over 1700Wh/sqm per year; solar PV represents today almost 11% of the electricity produced in Malta (and close to 10% of the consumed electricity)*. PROMISE aims to sustain the scientific, engineering and research performance and innovation capacity of the Maltese Research Community on solar photovoltaics to prepare for the potential penetration increase of PV in Malta and to support the energy transition. The project is organised around:

A **research framework** featuring a Malta-based platform to study of existing and emerging PV modules and systems, including digitalisation aspects for prediction and optimisation algorithms.

A **knowledge gain and transfer framework** including capacity building activities, workshops, schools, training programmes, internships, mentoring, etc.

PROMISE participated in the organisation of the **MEDPOWER2022** Conference in Malta, from **November 07-09, 2022**. It will organise a **workshop** at the Anhalt University of Applied Sciences, in Germany, from **May 29th to June 02, 2023**. It will organise 2 Advanced Schools, the first one in **November 06-10, 2023** and the second one in **June 02-06, 2025**. Researchers and students will have opportunities for exchanges, support programmes for accreditation, training schools, mentoring, etc.

*Source: IEA

Project Partners



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