



Sophia solar Panels

SOPHIA is an EU-funded Horizon Europe project that aims to implement advanced digital solutions in end-of-life solar panels, involving the full value chain in order to increase their current ...

The project partners of SOPHIA gathered on 26 June 2025 in Valencia (Spain) to kick-off this Horizon Europe project. Through the development of innovative solutions to boost PV panels ...

The project aims to implement Advanced Digital Solutions in end-of-life solar panels, involving the full value chain, in order to increase their current reuse, repair and recycling rates.

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This ambitious project focuses on developing innovative technologies to evaluate, repair, and recycle photovoltaic (PV) panels, ensuring their sustainability throughout their lifecycle.

Develop a prototype for a new eco-designed and easy dismantling PV panel using tailor-made debonding on-demand adhesives. Create a digital platform to implement Digital Product Passport ...

On June 1, the EU-funded SOPHIA project launched in Valencia, leading circular solar panel reuse through AI diagnostics, robotic repair, and next-gen battery recycling to slash waste ...

Funded under the European Union's Horizon Europe programme, SOPHIA represents a forward-looking initiative designed to address one of the most pressing challenges in the renewable ...

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Recycling solar panels is essential to ensuring the sustainability of the photovoltaic sector. The SOPHIA project, coordinated by AIMPLAS, promotes eco-design and digital traceability to increase reuse and ...



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