

# Sophia Glass solar Project





## Overview

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What is Sophia & how does it work?

SOPHIA is an EU-funded Horizon Europe project that aims to implement Advanced Digital Solutions in end-of-life solar panels, involving the entire value chain to increase their current reuse, repair, and recycling rates.

What is Sophia Project?

New developments and trends in plastics recycling. The SOPHIA project aims to increase the current reuse, repair and recycling rates of end-of-life solar panels.

Who coordinates the Sophia project – implementation of Advanced Digital Solutions?

In this context, AIMPLAS, the Plastics Technology Centre, coordinates the SOPHIA project – Implementation of Advanced Digital Solutions to increase the circularity of PV panels throughout the entire value chain.

How will Sophia impact the solar industry?

In the long term, an eco-designed and easy dismantling solar panel will be developed as prototype. It is expected that in the eco-design practice fully sustainable PV industry. Additionally, SOPHIA will contribute to the generation of new markets around the photovoltaic sector across Europe.



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### [SOPHIA: Advanced Digital Solutions to ...](#)

Mar 7, 2025 · The SOPHIA project aims to increase the current reuse, repair and recycling rates of end-of-life solar panels.

### **ENCO joins the SOPHIA project to advance circularity in solar ...**

Jun 30, 2025 · The project aims to implement advanced digital solutions to significantly improve the reuse, repair, and recycling rates of end-of-life solar panels. Covering the full value chain, ...



### **SOPHIA**

The SOPHIA project - Implementation of Advanced Digital Solutions to increase the circularity of PV panels throughout the full value chain - is an ...

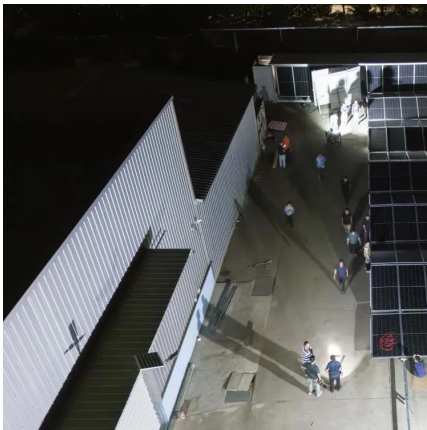
### [Implement advanced digital solutions to ...](#)

Jul 3, 2025 · SOPHIA is an EU-funded Horizon Europe project that aims to implement Advanced Digital Solutions in end-of-life solar panels, involving ...



**Implement advanced digital solutions to increase circularity ...**

Jul 3, 2025 · 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 ...



[Next-gen Battery Tech Drives Solar Panel Reuse](#)

Jul 6, 2025 · 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 ...



[SOPHIA: Advanced Digital Solutions to Increase the...](#)

Mar 7, 2025 · The SOPHIA project aims to increase the current reuse, repair and recycling rates of end-of-life solar panels.





[SOPHIA: New EU project to implement ...](#)

Jun 30, 2025 · The SOPHIA project - Implementation of Advanced Digital Solutions to increase the circularity of PV panels throughout the full value ...



**SOPHIA Project**

What is SOPHIA? The SOPHIA project - Implementation of Advanced Digital Solutions to increase the circularity of PV panels throughout the full value chain - is an EU-funded Horizon ...

**Implementation of Advanced Digital Solutions to increase ...**

Nov 26, 2025 · "SOPHIA addresses to the problem of photovoltaic panels End of Life, their management and the society awareness on electronicwaste management. The project will ...



[SOPHIA: A key European project for solar panel recycling ...](#)

Jul 25, 2025 · Recycling solar panels is essential to ensuring the sustainability of the photovoltaic sector. The SOPHIA project, coordinated by AIMPLAS, promotes eco-design and digital ...



[SOPHIA: A key European project for solar ...](#)

Jul 25, 2025 · Recycling solar panels is essential to ensuring the sustainability of the photovoltaic sector. The SOPHIA project, coordinated ...

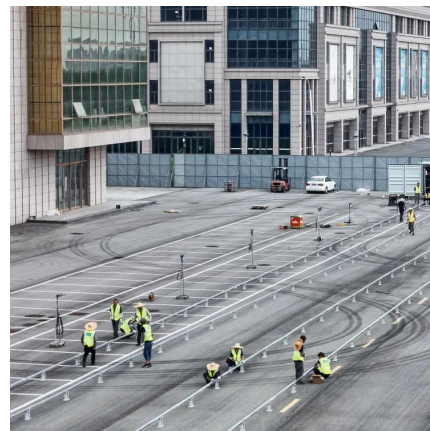


[Enhancing PV Panel Circularity: AIMPLAS Coordinates SOPHIA](#)

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[SOPHIA: New EU project to implement Advanced Digital ...](#)

Jun 30, 2025 · The SOPHIA project - Implementation of Advanced Digital Solutions to increase the circularity of PV panels throughout the full value chain - is an EU-funded Horizon Europe ...



**SOPHIA**

The SOPHIA project - Implementation of Advanced Digital Solutions to increase the circularity of PV panels throughout the full value chain - is an EU-funded Horizon Europe project that aims ...



### [Enhancing PV Panel Circularity: AIMPLAS ...](#)

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