



**WALMER ENERGY**

# **Sophia is a solar panel manufacturer**





## 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 full value chain in order to increase their current reuse, repair and recycling rates. The end goal is to foster a more circular, innovative and competitive Europe. The project will focus on::

What is Sophia Project?

New developments and trends in plastics recyclin. 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.

What is Sophia's Horizon Europe project?

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' circularity, SOPHIA will contribute to fostering a more circular, innovative and competitive Europe.



## Sophia is a solar panel manufacturer

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### Project Sophia: Towards a Circular Future for Solar Panels

Jul 27, 2025 · The Sophia project seeks to promote the reuse, repair, and recycling of solar panels in Europe. New digital technologies such as the Digital Product Passport are being ...

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### Enhancing PV Panel Circularity: AIMPLAS ...

Jul 4, 2025 · The SOPHIA project aims to increase the current reuse, repair and recycling rates of end-of-life solar panels. For the evaluation of their ...

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### 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 ...

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### Enhancing PV Panel Circularity: AIMPLAS Coordinates SOPHIA

Jul 6, 2025 · The SOPHIA project aims to increase the current reuse, repair and recycling rates of end-of-life solar panels. For the evaluation of their State-of-Health (SoH), a prototype will be ...

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### SOPHIA: Advanced Digital Solutions to Increase the Circularity of PV Panels

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

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### Enhancing PV Panel Circularity: AIMPLAS ...

Jul 6, 2025 · The SOPHIA project aims to increase the current reuse, repair and recycling rates of end-of-life solar panels. For the evaluation of their ...

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### Top 10 Chinese Solar Panel Manufacturers 2024

Oct 17, 2025 · These solar module manufacturers provide great assistance to protect the environment and promote new energy, and are able to fully automate the production of solar ...

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### 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 ...

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### 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 ...

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### Enhancing PV Panel Circularity: AIMPLAS Coordinates SOPHIA

Jul 4, 2025 · The SOPHIA project aims to increase the current reuse, repair and recycling rates of end-of-life solar panels. For the evaluation of their State-of-Health (SoH), a prototype will be ...

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SOPHIA and the future of solar panel ...

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

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Top 10 Chinese Solar Panel Manufacturers ...

Oct 17, 2025 · These solar module manufacturers provide great assistance to protect the environment and promote new energy, and are able to fully ...

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SOPHIA project: increasing the reuse, repair and recycling ...

Jul 11, 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 ...

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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.

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SOPHIA and the future of solar panel recycling in Europe

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 ...

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## Contact Us

For technical specifications, project proposals, or partnership inquiries, please visit:

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