

Sophia New Energy solar Panel Company



Overview

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 developed to ensure traceability. Initiatives include eco-design to facilitate disassembly and maximize. 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 to implement Advanced Digital Solutions in end-of-life PV panels, involving the full value chain in order to. 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. Initiatives include eco-design to facilitate disassembly and maximize material recovery. Sophia. With the rapid rollout of solar energy, which is at the forefront of efforts to reduce carbon emissions, there is a growing need for solutions to increase the circularity of PV panels, bridging the gap between the manufacturing and end-of-life processes, and keeping critical and valuable materials. On 1 June 2025, ENCO has officially joined a new European endeavour: the SOPHIA project - Implementation of Advanced Digital Solutions to increase the circularity of PV panels throughout the full value chain.

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SOPHIA: New EU project to implement Advanced Digital Solutions to

Through the development of innovative solutions to boost PV panels circularity, SOPHIA will contribute to fostering a more circular, innovative and competitive Europe.

Shanghai Alex Solar Energy & Technology Co., Ltd

Shanghai Alex Solar Industry (thereafter as "Alex Solar") consists of Shanghai Alex New Energy Co., Ltd. and Shanghai Alex Solar Energy Science & Technology Co., Ltd. both of which are Sino-New ...



Shanghai Zhuanyang New Energy Technology Co., Ltd.

Company profile for solar panel manufacturer Shanghai Zhuanyang New Energy Technology Co., Ltd. - showing the company's contact details and products manufactured.



SOPHIA project: increasing the

reuse, repair and recycling rates of ...

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Project Sophia: Towards a Circular Future for Solar Panels

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SOPHIA and the future of solar panel recycling in Europe

This is how SOPHIA, the European project revolutionizing the recycling and traceability of solar panels in the photovoltaic sector, is progressing.



Shanghai Zhuanyang New Energy Technology Co., Ltd.

New Energy Technology Co., Ltd. Is Located at No. 1602, Sunqiao Village, Huqiao Town, Fengxian District, Shanghai, China.



Shanghai Alex Solar Energy Science & Technology Co., Ltd.

We are a high-tech enterprise engaged in the manufacture and sale of crystalline silicon solar cells, including 5 mono-crystalline and poly-crystalline solar cells. Founded in 2007, our company is ...



ENCO joins the SOPHIA project to advance circularity in solar panel

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 ...

SOPHIA Project

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 ...



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