



# Heliatek solar Saint Barthélemy

Who is Heliatek?

Heliatek is the globally recognized market leader in organic photovoltaics. Since its foundation, Heliatek has continuously expanded its know-how and protected it with more than 450 patents\*. Patents include the protection of organic solar cells with our proprietary absorber molecules, as well as the special cell layout.

What will Heliatek do in 2030?

In 2030 Heliatek will enable every building to be 100% energy neutral and smart with access to an independent supply of truly green electricity. We offer organic Solar film solutions with world-class reliability thanks to our proprietary roll-to-roll production methods in vacuum.

What makes Heliatek Solar Films unique?

The materials of the organic solar stack developed by Heliatek are particularly innovative and are protected by Heliatek's comprehensive IP portfolio. The organic stack in our solar films consists of many individual layers but has a total thickness of only less than a thousandth of a millimeter.

Can Heliatek power a building?

"We want to change every building into an electricity-generating building," Birnstock says. Heliatek's panels are among the few OPVs in practical use, and they convert about 9% of the energy in sunlight to electricity.

What is Heliatek & heliasol #174;?

Heliatek stands for energy solutions designed for various traditional and never been possible before applications based on its unique features - ultra-light, flexible and truly green. HeliaSol #174; is a ready-to-use solution, ideal for retrofitting on existing building structures.

What are the Heliatek Awards?

The awards highlight the uniqueness of our innovative solar solutions. Here you can see a selection of the latest awards. Heliatek stands for innovative solar films that transform buildings all over the world into clean energy generators. We set the highest standards for the quality of our products and the sustainability of our actions.

Organic photovoltaics unlock new possibilities for building owners, building management companies and solar installers to enable an acceleration of the transformation to net-zero energy buildings and carbon neutral economies. ...

Organic solar-cell builder Heliatek just raised \$90 million in equity, debt and subsidies in a funding round reminiscent of the enormous solar hardware VC investments made in the last decade.

Heliatek develops and produces organic solar films that are characterized by their flexibility and lightweight



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construction. This technology uses organic materials to convert sunlight into electricity, opening up a variety of application possibilities, especially where conventional solar cells cannot be used due to their weight or rigidity.

The Marburg facility's panels, by contrast, are ultrathin organic films made by Heliatek, a German solar company. In the past few years, Heliatek has mounted its flexible panels on the sides of office towers, the curved roofs of bus stops, and even the cylindrical shaft of an 80-meter-tall windmill.

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As the technology leader in organic photovoltaics, Heliatek develops, produces and distributes industrial-grade organic PV solar solutions for virtually any building surface (horizontal, vertical, curved, rigid, and flexible).

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Organic photovoltaics unlock new possibilities for building owners, building management companies and solar installers to enable an acceleration of the transformation to net-zero energy buildings and carbon neutral economies. Unlike most inorganic technologies, Heliatek's OPV is not limited by the basic properties of the semiconductor material.

Heliatek, a world leader in organic photovoltaic and a manufacturer of solar films, announced today that it has raised EUR15 million from new and existing investors. A strong interest among potential investors leads to an extension of the last [...]

Heliasol is globally the only commercially available and IEC certified organic solar solution. Invented, developed, and manufactured by German engineering excellence, the solar films (not panels!), are light-weight, bendable, and truly sustainable.

Heliatek has developed industrial-grade organic solar films for virtually any surface of any building, thereby delivering energy solutions that make a significant contribution to avoid greenhouse gas emissions.



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Web: <https://mikrotik.biz.pl>

