

Progress for solar industry in US

ISC Konstanz and Suniva Extend Cooperation to Strengthen U.S. Solar Cell Production

Konstanz, Germany – [August 28, 2025] – ISC Konstanz, a German non-profit research institute for solar cell, module, and energy system development, and Suniva, the oldest and largest crystalline solar cell manufacturer in the United States, have signed a new cooperation agreement to further strengthen their partnership.

Under the agreement, ISC Konstanz will continue to support Suniva's 1 GW PERC cell production lines in Georgia for the next year. The scope of work includes efficiency and yield improvement, evaluation of technology upgrades, and other cooperation topics jointly developed by the parties.

This extension builds on the successful collaboration that began in March 2025, when ISC Konstanz helped Suniva optimize its PERC production lines, improving throughput and product efficiency.

"Our nation's continuing focus on energy security and reshoring critical manufacturing infrastructure places extreme importance on the need for domestically-produced solar cells. Our extended partnership with ISC Konstanz ensures that Suniva can continuously improve its manufacturing processes and respond rapidly to market needs," says Matt Card, President of Suniva.

Lejo Joseph, Project Manager at ISC Konstanz, adds: "We are proud to extend our cooperation with Suniva. This long-term agreement highlights the strength of transatlantic partnerships and underlines the importance of German equipment and expertise for building a resilient U.S. solar supply chain."

The extension of the ISC–Suniva partnership further supports U.S. domestic content goals, leveraging proven PERC technology with a strong foundation of German manufacturing equipment.

About Suniva

Founded in 2007 and headquartered in metro-Atlanta, Georgia, Suniva is the oldest and largest American manufacturer of high-efficiency crystalline silicon photovoltaic (PV) solar cells. The company is known for its high-quality products, industry-leading technology, reliability, and high-power density. For additional information on how Suniva is rebuilding America's energy independence, visit www.suniva.com.

About ISC Konstanz e.V.

The International Solar Energy Research Center Konstanz e.V. (ISC Konstanz) is a research institute for the development of solar cells, solar modules and renewable energy systems. It was founded in 2005 as a non-profit association. The team of more than 70 scientists, engineers and students works together with leading international institutes and companies in the photovoltaic industry on national and international research projects.

The ISC Konstanz is currently building a new research center — you can help build it with your donation:

isc-konstanz.de/en/donations

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Appendix: Images



Figure 1:

suniva and ISC at the Intersolar trade fair in Munich. From left to right: Radovan Kopecek, Florian Buchholz, Jan Lossen (all ISC) and Kevin Dorman & Matt Card (both suniva).



Figure 2: ISC Konstanz Team working in the suniva line



Figure 3: ISC project manager Lejo Joseph at the Suniva factory in the USA.