

LOW-CARBON SOLAR COMMUNITY OF PRACTICE



CLEAN ENERGY IS PRODUCED BY SOLAR, BUT NOT ALL SOLAR IS PRODUCED BY CLEAN ENERGY.

Solar photovoltaics (PV) is critical to decarbonizing the global economy and forecasts indicate that new solar installations will triple by 2030. While clean energy is produced by solar, not all solar is produced by clean energy. Every energy source has carbon emissions associated with the manufacturing and installation of new generation assets. Today, solar PV manufacturing represents a small percentage of global emissions. However, a continued business-as-usual approach will result in emissions from solar PV manufacturing exceeding aluminum production, the fourth largest industrial commodity from an emissions standpoint, by 2040.

The REBA Institute's [Decarbonizing Industrial Supply Chain Energy \(DISC-e\)](#) program was launched in September 2020 to advance climate goals by tackling industrial sector emissions through the power of the private sector market. DISC-e organizes energy customers with Scope 3 greenhouse gas emissions commitments to use their purchasing power to create demand-signals that reverberate down supply chains. The **LOW-CARBON SOLAR COMMUNITY OF PRACTICE** is one of the DISC-e dedicated workstreams.

THE LOW-CARBON SOLAR COMMUNITY OF PRACTICE

The **LOW-CARBON SOLAR COMMUNITY OF PRACTICE** is composed of energy customers pursuing large-utility scale renewable energy procurement and other stakeholders along the solar PV supply chain who seek to optimize the environmental impact of new solar installations and support a low-carbon growth of the solar market. The community:

1. Informs the strategic direction of work to accelerate the decarbonization of the solar PV supply chain, and
2. Supports the development of frameworks, tools, and educational products that facilitate a company's procurement of lower-carbon solar PV.

Collectively, participating companies can make a meaningful impact through a clear market signal for low-carbon solar PV and raise the standard for all global solar PV manufacturers to follow.

The **LOW-CARBON SOLAR COMMUNITY OF PRACTICE** will meet monthly beginning in October 2021. There is no financial contribution or public commitment required to join the community, and all stakeholders along the solar PV supply chain are welcome.

Background on the REBA Institute

The [REBA Institute](#) is a non-profit center of excellence that leads transformational research and education to ensure that all organizations have a viable, expedient, cost-effective path to drive a resilient, zero-carbon energy system. The Institute strives to advance the research and development of innovative clean energy market solutions; provide educational opportunities for the public to expedite implementing best practices in the renewable energy market; and further the development of business structures, regulations, and technological advancements.