

Us ghana sign solar deal

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Solarcycle will supply "at least" 4GW, or 30 million square metres, of solar glass to Runergy over a five year period. The company is building a "first of its kind" solar glass manufacturing facility in Georgia, US, which will produce glass from recycled US solar modules. The site will produce glass for between 5GW and 6GW of solar PV capacity annually.

Jusong Wang, managing director at Runergy Alabama said: "This partnership not only strengthens our commitment to reducing our carbon footprint but also ensures that our products have a more sustainable lifecycle from production through to recycling for the US."

Solarcycle has signed a number of deals with US-based solar manufacturers for both recycling and glass supply. Most recently, it inked a recycled glass supply deal with Canadian manufacturer Heliene to support its ongoing module and cell manufacturing expansion in Minnesota. Last month, it also signed a recycling deal with multinational solar manufacturer Canadian Solar.

Use of domestically produced glass is one of a number of moves that manufacturers have made to increase the domestic content in their modules. The US government introduced incentives under the Inflation Reduction Act (IRA) which adds another 10% tax credit for solar projects which use products with a sufficient quantity of US-made components. We published a guest blog from Michael Parr, head of the Ultra Low Carbon Solar Alliance, looking into the expansion of non-silicon components in the US supply chain.

The production of solar glass made from recycled panels is a significant moment in establishing a circular supply chain for the industry. Despite this development, a circular supply chain for US solar is a long way off. According to data from the Solar Energy Industries Association, around 45GW of US module production capacity is currently online and over 80GW of capacity plans have been announced. By contrast, Solarcycle is one of the only significant companies offering a recycling model.

The deal, signed on the margins of the 2024 Korea-Africa Summit, will bolster the implementation of Ghana's key priority programs spanning infrastructure, agriculture, health, education, energy, roads and transport as well as ICT over the next five years.

The signing ceremony marks a significant milestone in the two nations' long-standing bilateral economic development partnership. The Minister for Finance, Dr. Mohammed Amin Adam signed on behalf of the Government of the Republic of Ghana while the Foreign Minister for Korea, Mr. Cho Tae-yeol signed for the Government of the Republic of Korea. Present at the signing ceremony were Ghana's Foreign Minister, Shirley Ayorkor Botchwey and other dignitaries from both countries.

"The signing of the 2024-2028 Framework Arrangement represents a renewed commitment to our shared



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vision of sustainable development and prosperity," Dr. Amin Adam stated, underscoring the strategic importance of the deal.

Expressing profound gratitude to the Korean government, the minister said, "On behalf of His Excellency President Nana Addo Dankwa Akufo Addo and the good people of Ghana, I want to express our sincere gratitude to the Korean government and the EDCF for their continued partnership and commitment to our development journey."

The \$2 billion financing facility is poised to catalyze transformative projects across multiple sectors, propelling Ghana's development ambitions to new heights. Dr. Amin Adam highlighted the deal's potential impact, stating, "With the provision of \$2 billion from EDCF, we will embark on transformative projects that are set to redefine our nation's infrastructure landscape. High-speed railways, highways, and sustainable energy systems are on our agenda."

Furthermore, the framework arrangement will bolster Ghana's efforts to enhance healthcare facilities, disease prevention, and health and education initiatives. "A healthy population is the bedrock of progress," the minister emphasized, underscoring the government's commitment to improving the well-being of its citizens.

Education remains a top priority, with plans to expand access to quality learning opportunities, vocational training, and digital literacy programs. "Our commitment to quality education remains unwavering," Dr. Amin Adam affirmed, recognizing the pivotal role of an educated workforce in driving societal advancement.

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