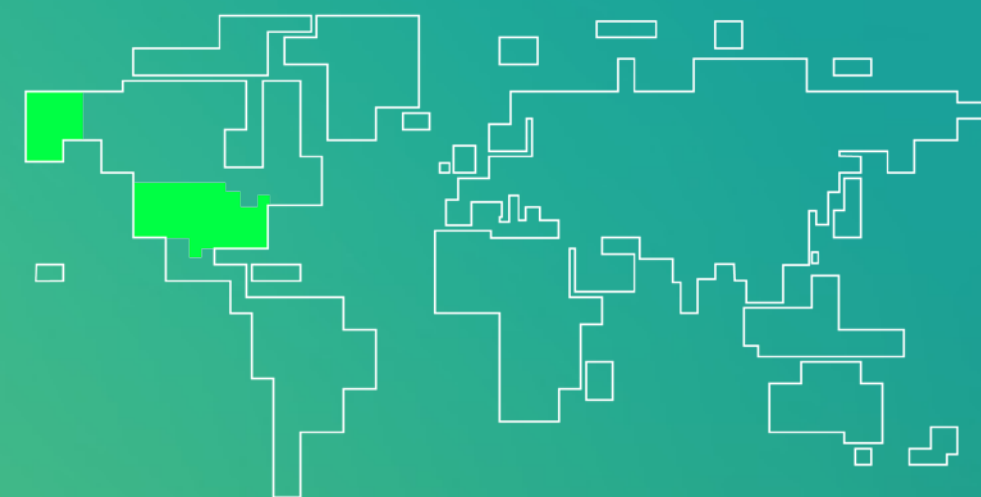




# Close the loop program

Tackling the end of life cycle of solar panels.

**Our approach:** EDP Renewables North America launched, Close the Loop, a company-wide recycling program. This program supports EDPR's circular economy goal by building structured partnerships with various stakeholders, promoting efficiency in the product life cycle, optimizing resource use while minimizing waste, and ensuring transparent communication throughout the company. EDPR NA has engaged with 19 qualified waste management organizations to cover various materials recycling including solar modules, wind turbine generator components, batteries metals, oils and lubricants, as well as packaging material. EDPR NA's key partner in this program is SOLARCYCLE, an advanced technology-based solar recycling company. Founded in 2022, SOLARCYCLE offers tailored recycling solutions, reverse logistics, rapid testing, low-cost and eco-friendly recycling, and advanced environmental reporting for solar panels. The process aims to return those materials back into supply chains to help grow the domestic solar manufacturing industry.



Country: US

*SOLARCYCLE's patented recycling process extracts more than 95% of the value in a panel, including aluminum, silver, silicon, and glass.*

**Differentiator factor:** One of the key differentiators of the Close the Loop program is its focus on the entire lifecycle of both solar and wind renewable energy projects, including waste from construction to operations and maintenance, to repowering and decommissioning. EDP Renewables is committed to innovative approaches towards sustainability and responsible resource use throughout the project lifecycle.

**What lies ahead:** EDPR NA is supporting the advancement of U.S. renewable energy supply chains tied to a vibrant secondary market for recycled materials through the establishment of specific ESG targets. Globally, EDP Renewables has set a target of 85% waste recovery by 2026, with an ambition to take that figure to 90% total waste recovered by 2030.

[Link for more information.](#)