



# GEF Capital Partners

GEF US Climate Solutions Fund II, LP

## Overview

Growth equity and buyout fund focused on lower and middle market opportunities addressing climate change and pollution mitigation.

## Impact Thesis

Rapidly scale climate change and pollution remediation solutions.

## Impact in Practice

Lifecycle Renewables, a GEF portfolio company is advancing sustainable energy through its partnership with Vicinity Energy, the largest district energy provider in the U.S. By supplying TruBurn™-a biogenic heating oil made from waste vegetable oils and fats-Lifecycle is helping Vicinity transition away from fossil fuel-based heating to a low-carbon, renewable alternative. This collaboration supports Vicinity's goal of achieving net-zero carbon emissions by 2050 and promotes circular economy practices by repurposing food industry waste into clean energy.



## Impact Themes

Clean Technology and Infrastructure, Environment

## Geographic Theme

United States of America

## Sustainable Development Goals



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 **On Track**

As of 08/31/2025

**[CapShift's assessment has been redacted. Access the report through our platform for the full version.]**

## Key Updates

- Adventist HealthCare partnered with InSite (GEF portfolio company) to implement AI-driven building management systems, reducing operational costs and enhancing efficiency across its healthcare facilities.
- GEF-supported Lifecycle Renewables is helping Vicinity Energy replace fossil fuels with a renewable heating oil made from food waste, cutting 12,200 metric tons of CO2 annually and recycling over 600,000 gallons of waste oil.
- Next Step Energy Solutions, a GEF portfolio company, completed a seamless LED retrofit across nearly 2 million sq ft at Children's Hospital Colorado, reducing energy use by 68% and saving over \$1.2 million annually-without disrupting patient care.

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## Key Impact Metrics

607,242 megawatt-hours of energy produced renewably<sup>1</sup>

250,878 metric tons of CO2-EQ mitigated<sup>2</sup>

860,095 liters of water conserved<sup>3</sup>

16,489 tons of materials kept in circulation or conserved<sup>4</sup>

\_\_\_\_\_ That's equivalent to \_\_\_\_\_

Reducing 1,085,580 miles driven by a gas-powered car<sup>5</sup>

Offsetting 63,193 homes' electricity use for one year<sup>6</sup>

Providing enough water to support the daily needs of 754 families for one day<sup>7</sup>



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### Sources

1. CapShift Annual Impact Survey, 2025, Reporting Period, 01/01/2024 - 12/31/2024
2. CapShift Annual Impact Survey, 2025, Reporting Period, 01/01/2024 - 12/31/2024
3. CapShift Annual Impact Survey, 2025, Reporting Period, 01/01/2024 - 12/31/2024
4. CapShift Annual Impact Survey, 2025, Reporting Period, 01/01/2024 - 12/31/2024
5. [EPA Equivalency Calculator](#)
6. [EPA Equivalency Calculator](#)
7. [EPA](#)