

REDAPTIVE®

Accelerating Sustainability

Multi-National Plastics Manufacturer
Achieved Bold Greenhouse Gas (GHG)
Reduction Goals

A Vision for the Future

A leading multi-national plastics manufacturer, in innovation and environmental stewardship, recognized the growing urgency of climate change. In order to combat climate change, the company set an ambitious target to reduce their GHG emissions by 53K metric tons of CO₂ by 2030.

To achieve this bold vision, they didn't just want a service provider—they wanted a partner who shared their vision and culture of innovation and excellence. That's when they partnered with Redaptive, known for their ability to accelerate sustainability goals through innovative, programmatic strategies.

Project Scope

16

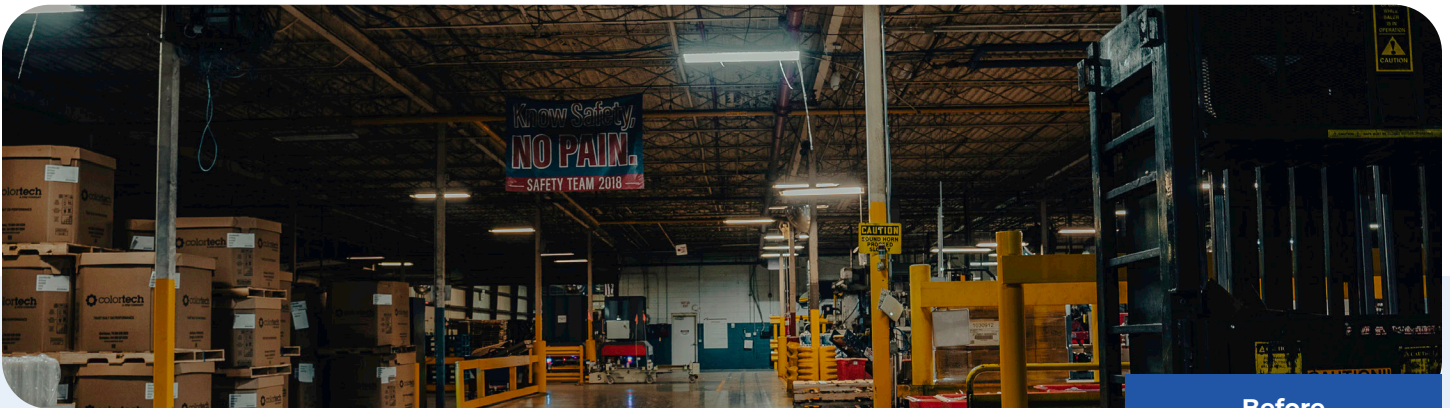
Facilities Assessed

3M

Facilities Assessed

\$12M

Capex Avoided



Before

A Partnership Built on Shared Purpose

Together, we set an even bolder goal: achieving the company's 2030 GHG reduction target three years early, by 2027. This partnership wasn't just about overcoming obstacles—it was about designing a strategy to leverage innovation, expertise,

and creative financing to achieve transformational results.

From the outset, Redaptive ensured that financial objectives remained intact, using an Energy-as-a-Service (EaaS) model to eliminate any impact on capital budgets or operational

expenses. Our proven framework utilized a thorough diligence process, including site surveys, data analysis, and stakeholder collaboration. Setting the stage for a strategic alignment to the company's long-term sustainability and business objectives.

10 Year Impact

\$24M

**Gross Energy &
Maintenance Savings**

153.5M

kWh Reduction

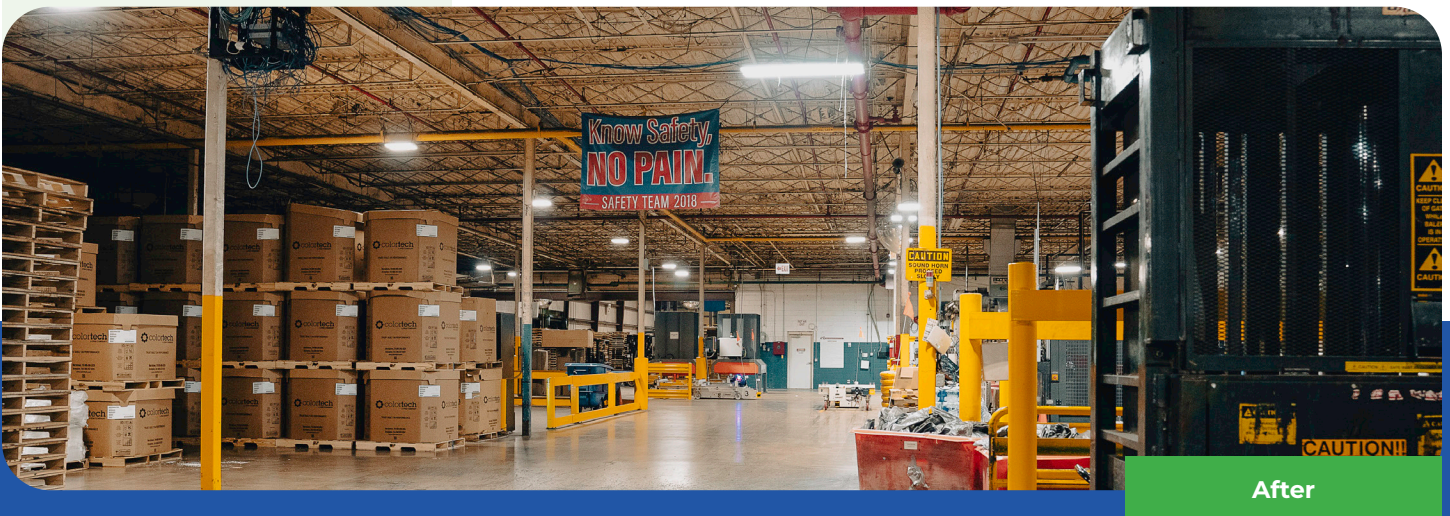
66K

MT CO2e Avoided

Turning Vision into Action

Redaptive conducted detailed on-site assessments across 16 facilities, identifying over 100 energy efficiency opportunities. These ranged from advanced lighting upgrades to mechanical system optimizations, solar installations, and process equipment improvements. The resulting initiatives were carefully selected to maximize energy savings while supporting the company's sustainability vision.

With a programmatic approach, Redaptive provided \$12 million in project financing, ensuring progress without financial barriers. The projects eliminated 7,000 metric tons of CO2 emissions in the first year alone—putting them well ahead of schedule on their GHG reduction journey.



Amplifying Results

Beyond environmental impact, the program delivered immediate financial benefits. The company achieved \$700,000 in operational expense savings in the first year. Savings which were reinvested into more capital-intensive solutions, further accelerating progress. Ultimately, these efforts resulted in net operational expense savings of \$300,000, reinforcing the financial and environmental value of the partnership.

The momentum didn't stop there; Building on these initial successes, Redaptive is now evaluating the rest of the company's U.S. portfolio and expanding sustainability initiatives into European sites. This ensures the company continues to lead the way in environmental stewardship and operational efficiency on a global scale.

**Ready to make significant sustainability
impacts across your portfolio?**

REDAPTIVE®

Contact us at info@redaptiveinc.com
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