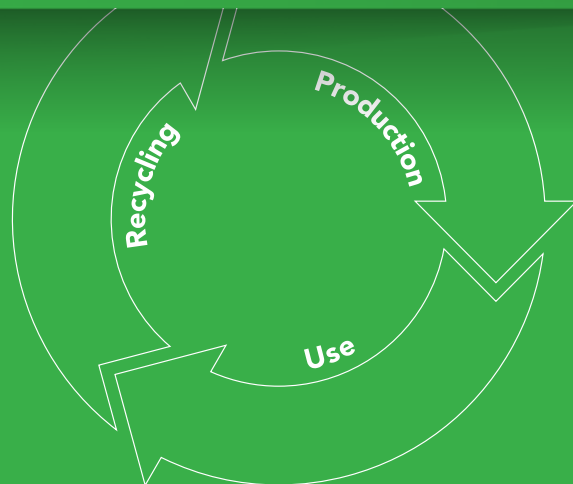




THE PREMIER RECYCLING PARTNER FOR COMPANIES EXPANDING IN THE CIRCULAR ECONOMY.





**WE TAKE ON A LEADING ROLE IN THE
RECYCLING INDUSTRY TO SUPPORT
ITS INNOVATION AND GROWTH.**



We speak at conferences, write for publications, and participate in trade associations. We meet companies that are reaching higher sustainability standards in their operations, finding ways to upcycle materials, and ensuring their products can be recycled after use. Our particular brand of innovation is crucial to optimizing these processes.

We are experts in collecting, storing, and shipping waste. Bringing insights and innovation at every point is how we grow the worth of waste for our clients. And we know who will value their waste the most. We set up mutually beneficial relationships between sellers of waste materials, and buyers looking to upcycle. We also help companies transform their products into sustainable ones, so that they can be recycled at the end of useful life.

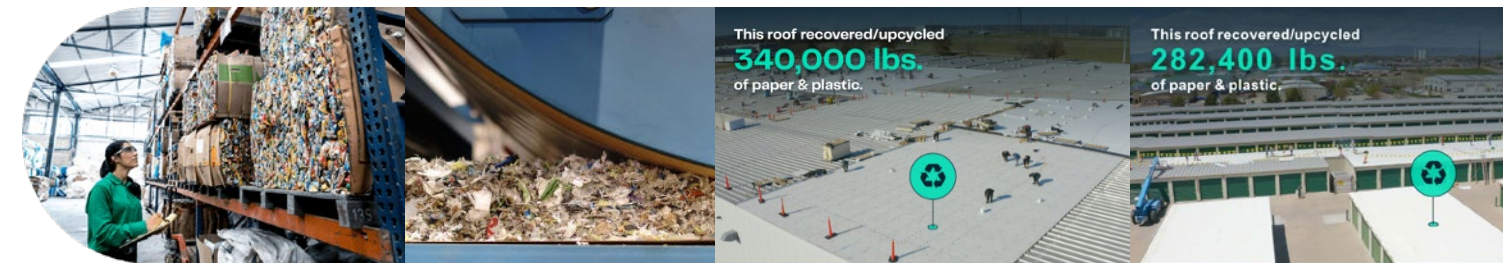
On the following pages, you'll learn more about the latest strategic partnerships Mid America Paper Recycling has formed. These companies range from long-time market leaders to exciting newcomers in their respective industries. They're demonstrating that sustainability, high performance, and revenue generation all follow innovation.

Productive partnerships result in success stories we can all celebrate.





ROOFING THAT RAISES THE CEILING ON SUSTAINABILITY.



“We are always coming up with new value-creation insights to share. Continuous Materials is an example of how working with us helps our business partners meet their goals on the path to sustainability.”

With Everboard™, Continuous Materials is demonstrating an example of circular thinking we can all look up to. At Mid America Paper Recycling, we’re continuously working to keep paper and plastic waste out of landfills. Some of that waste is going to their plant in Des Moines, Iowa to produce Everboard Roof Cover Board, a high-performance composite roof covering.

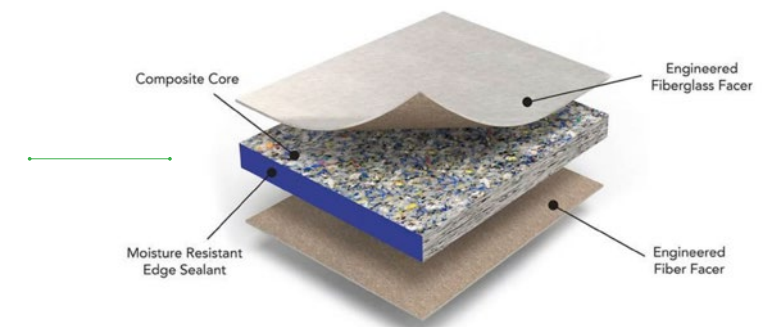
Made for new construction, repairs, and renovations, Everboard is strong and durable. Impact-resistant, fire-resistant, and wind-resistant, it’s built to last for decades. These benefits make it competitive to gypsum roof cover boards. But unlike gypsum, Everboard is easy to install and fully recyclable.



Learn more about our strategic partnership with Continuous Materials here.

Continuous Materials accepts assorted paper and plastic waste like low-density polyethylene film, high-density polyethylene bottles, mixed paper, and paperboard cartons from supply channels that meet its exacting standards. Supply channels such as us at Mid America Paper Recycling. The raw material is sorted and Continuous Materials’ Des Moines plant shreds it before using pressure to press and form it into the long-lasting Everboard roof board product. And soon, Mid America Paper Recycling will be furnishing them with homogeneous materials.

Mid America Paper Recycling and Continuous Materials met at an industry conference last year, and that’s where we began to see the synergy of working together. Continuous Materials gets a consistent source for the types of post-consumer and post-industrial waste they need. We find an innovative buyer for our recycling customers’ paper and plastic waste. And Continuous Materials’ product Everboard fulfills the great market need for sustainable roofing boards.





SUSTAINABILITY GAINS A GREATER

FOOTHOLD IN LANDFILL MANAGEMENT.



“This gives the wood waste a second usable life as a permeable road material.”

Midwest Companies is blazing new trails in road aggregates with TIEROC, and Mid America Paper Recycling is helping make it happen. Midwest Companies consists of four companies focused on keeping construction and demolition waste out of landfills. They contract with railroads, freight carriers, and other companies to recycle wood waste.

One of their products, TIEROC, is a biodegradable road aggregate substance used to ensure maneuverability in landfills. Landfill trucks and other equipment risk getting stuck without the addition of a road aggregate to drive over. TIEROC is a cost-effective alternative to stone and gravel with sustainable benefits. It can also be recycled after use and turned into methane gas.

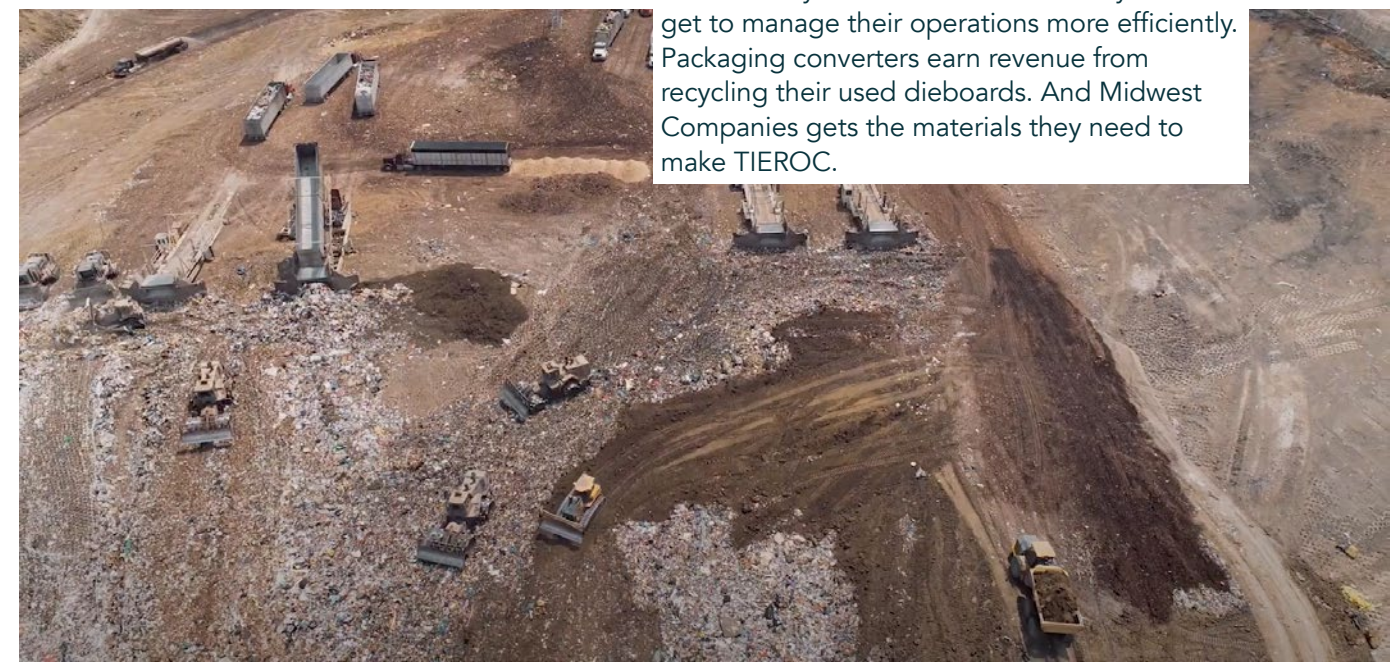


Learn more about our strategic partnership with Midwest Companies here.

Mid America Paper Recycling has become a strategic partner by providing one of the main sources of wood waste materials that TIEROC is made from. Dieboards are components used for die-cutting cartons and shipping containers, products made by our packaging converter customers. Typically, dieboards pile up in dumpsters and then landfills after use, which is a big waste of time and resources.

Thanks to Mid America Paper Recycling, our converter customers earn revenue from their used dieboards, and Midwest Companies gets the wood waste they need to make TIEROC. We transport dieboards to Midwest Companies in semi-trailers on an as-needed basis. The used wood is sent through machinery that grinds it up with other wood materials as feedstock before being sent to TieEnergy, the company that uses a proprietary grinding process to create TIEROC.

This strategic partnership is a win for sustainability and the circular economy. Landfills get to manage their operations more efficiently. Packaging converters earn revenue from recycling their used dieboards. And Midwest Companies gets the materials they need to make TIEROC.





SHARING GOOD NEWS PUTS

SUSTAINABILITY ON THE MENU.

Sustainability

FlexSHIELD PRO HS recycles better than extruded films. It offers higher fiber yield recovery than extrusion plastics. And, it's PFAS free with non-GMO or GMO derivatives options.

- Styrene Free
- Compostable*
- Repulpable and Recyclable — 98% fiber recovery when recycled

**check locally for regulatory guidance*



“There’s great value in exhibiting at tradeshows and attending industry conferences to learn about new products like this. It’s a great way to meet new contacts and refer what we’ve learned to our staff, our clients, and our supplier-partners.”

-Paul Pirkle, President, Mid America Paper Recycling

With many cities and countries banning polystyrene food containers, paper-based take-out containers are in greater demand. But can they provide enough protection against leaks? Enter FlexSHIELD® aqueous-based barrier coating from Cascades Sonoco.

FlexSHIELD® is made for use in paper roll, cup, and folding carton applications and approved for direct food contact. It provides a more affordable and sustainable alternative to expensive corn-based resins like PLA and polyethylene coatings that are neither recyclable nor compostable. FlexSHIELD® is fully compostable, recyclable, and repulpable. Plus, it won’t crack in scores and folds, and it offers a performance barrier that helps prevent leakage of liquid in to-go containers.

The natural and organic food industry uses containers with FlexSHIELD® to help prevent leaks. It also guards against grease and oil and is microwave safe. For packaging converters, it can be applied on various paper substrates, including liners, cardboard, chipboard, and SBS and runs at desired speeds in preferred converting processes.



FlexSHIELD® is another innovative product that Mid America Paper Recycling came across at an industry event. After networking with the staff at the Cascades Sonoco booth, we identified FlexSHIELD® as a new product solution that our client partners could benefit from. We work with container manufacturers that can meet their customers’ demands with this coating, and mills who are constantly vexed by non-recyclable paperboard coatings. By spreading the news about FlexSHIELD®, we’re helping Cascades Sonoco gain market share and we’re helping our own client partners solve problems and grow revenue.

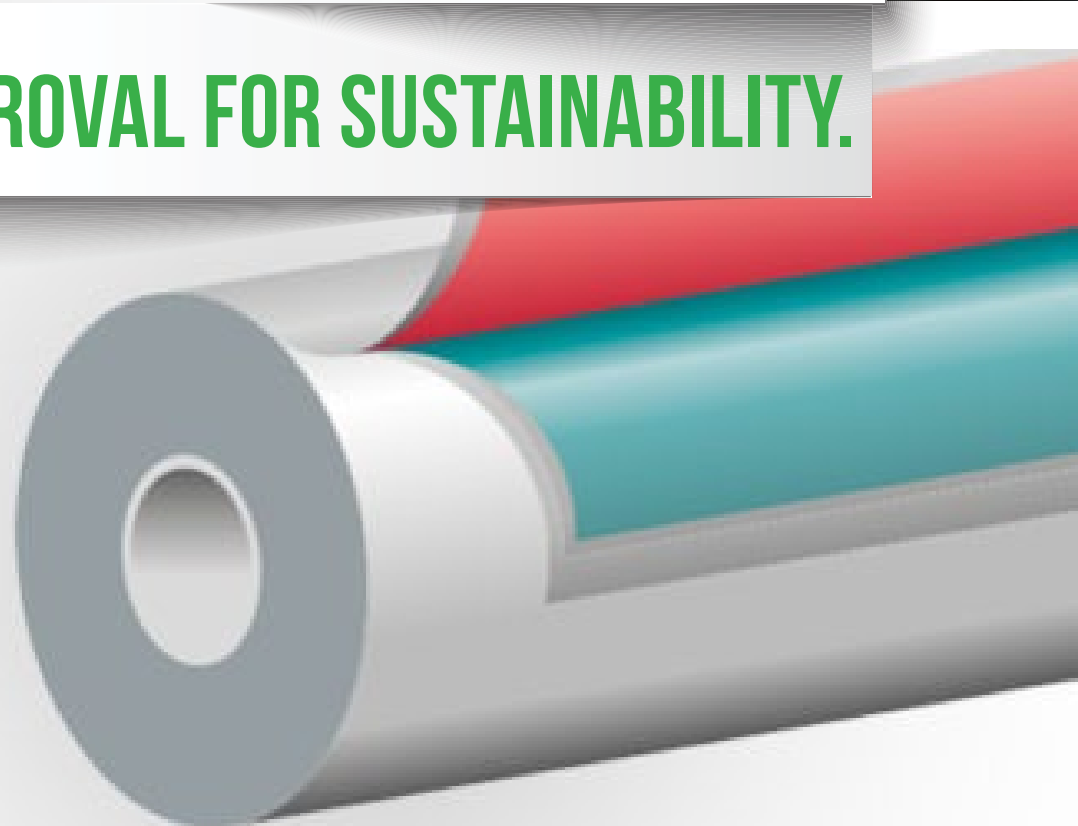
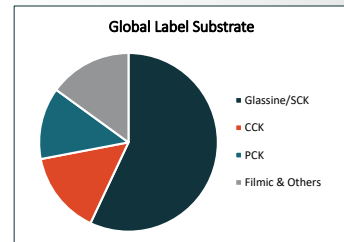


Learn more about our strategic partnership with Cascades Sonoco here.



ENSURING LABELS GET THE STAMP

OF APPROVAL FOR SUSTAINABILITY.




“We are very proud to partner with CELAB to help converters everywhere strengthen the recycling and circularity of spent release liners. We have recycling best practices to share and all the tools in place to help converters capture this material.”

-Paul Pirkle, President, Mid America Paper Recycling

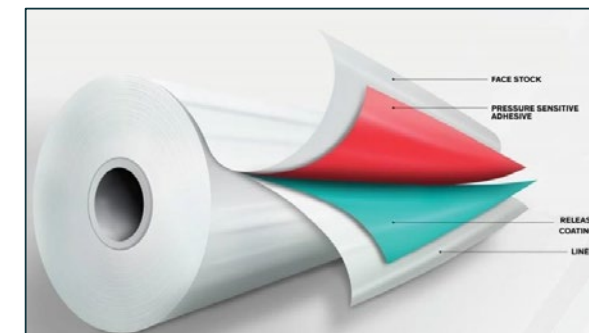
CELAB, Circular Economy for the Label Industry, is an industry coalition founded by companies in the self-adhesive label industry. CELAB wants to make sure more pressure-sensitive label products are sustainable and recyclable by enhancing and promoting matrix and release liner recycling around the world. More than 30 companies from around the world so far participate in CELAB.

Mid America Paper Recycling is one of the companies that has joined this initiative. We are collaborating with CELAB on a Midwest pilot program for label converters and their customers. The program includes education efforts, resource links, and free waste audit services. Increasing the ability to recycle the liner decreases waste-hauling costs and keeps materials out of landfills.

 [Learn more about our strategic partnership with CELAB, Circular Economy for the Label Industry here.](#)

Paul Pirkle also spoke with some of CELAB's members. They discussed a variety of work streams and recycling capabilities that exist in different markets that might be able to accept silicone-coated pressure-sensitive label liner and matrix as well as the technical issues involved. They also explored the branch's collaborative efforts interacting with the Institute of Scrap Recycling Industries (ISRI) to establish a silicone-coated grade and set guidelines for the material. Concerns about the potential impact of silicone residues on the end products (an example might be the production of textile fibers made from recycled film), and the inherently lower price levels for raw materials entering these alternative markets were a few of the other aspects the group covered in the call.

CELAB's member goals for 2022 included recycling 50 percent of all label liner materials, consulting with matrix recycling outlets, and engaging with consulting firms to match industries with matrix waste. It also plans pilot programs in the European Union and other regions. Mid America Paper Recycling is happy to bring our recycling expertise and innovative solutions to CELAB. This is a strategic partnership where we'll be able to help a lot of companies capture and recycle more waste.





SUSTAINABILITY AND PROFITABILITY

FIND COMMON GROUND IN INNOVATION.



WATCH OUR VIDEO

Watch a video about Mid America Paper Recycling to see our process in action!



Visit our Website



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