



SAREPTA, LOUISIANA

# IntegriCo Plastics Project

**STANDARD:** Verra Plastic Waste Reduction

**120K**

Composite timbers created annually

**80%**

Hard-to-recycle plastic waste

**7,600**

Tonnes of plastic waste per year

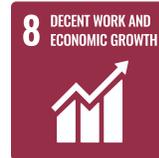
IntegriCo takes plastics that are difficult to recycle or for which recycling alternatives do not exist, and turns that waste into products such as composite timbers. The project is able to divert significant quantities of plastic from landfills across the U.S. as a result. IntegriCo uses patented technology which combines a wide variety of plastics to create roughly 120,000 composite timbers annually (approximately 6,700 tonnes of plastic waste per year).

The timbers are manufactured in a variety of sizes and exceed industry standards for consistency and structural integrity. IntegriCo's products are manufactured by shredding, heating, and forming a blend of composite plastic waste that includes mixed rigid plastics, low melt olefins, and other composite plastic waste. IntegriCo's products can serve a variety of purposes, but are most commonly used to replace creosote-treated wooden railroad ties. These durable composite timbers have a lifespan nearly double that of traditional railroad ties, and they displace the need for logging valuable carbon-sequestering hardwood.

This project is a first-of-its-kind. While there are a host of environmental benefits, IntegriCo's timbers currently retail for a 30-40% premium to traditional wooden products. This credit project was pursued as a way to bring these composite materials down to a more competitive price point. If successful, increasing demand would displace demand for the logging of larger trees, increase production of composite products, and provide a reusable pathway for recycling one of the world's greatest waste problems.

As a leader in the composite industrial products manufacturing industry, IntegriCo has already made breakthroughs, but this holds promise to set an exciting new example.

## Sustainable Development Impacts



The project supports the local economy by creating steady jobs for its workers at its Sarepta facility.



IntegriCo is seeking to expand operations and construct a new facility to increase the total amount of plastic recycling capacity across the country.



The project decreases dependence on harvested wood and offers a reusable pathway plastic waste that has become ubiquitous in our society.

## Location

