




AXION

Invest in 'Greening' Our Infrastructure!

AXION INTERNATIONAL OTCBB: **AXIH**





Share Information:

- TICKER SYMBOL (OTCBB): **AXIH**
- RECENT SHARE PRICE: **\$0.51*****
- 52-WEEK RANGE: **\$1.43 - \$0.38****
- COMMON SHARES O/S: **25.63M**
- MARKET CAP (Basic): **\$15.53M**
- INSIDER OWNERSHIP: **5.8%**
- STATE OF INCORPORATION: **Colorado**
- REVERSE MERGER: **March 2008**

*May 25, 2011 **April 10, 2012 ***May 10, 2012

Invest in ‘Greening’ Our Infrastructure!

AXION International is a Producer of 100% Recycled, Infrastructure-Ready, American Made Railroad Ties and Structural Building Products!

AXION International, Inc. (“AXION”) is a green technology firm that manufactures, markets and sells composite rail ties and structural building products such as boards, pilings, I-beams, and T-beams. Using patented technology, our products are made from 100% post-consumer and post-industrial recycled plastics and industrial scrap. These recycled plastics, combined with encapsulated fiberglass (industrial scrap), achieve structural thickness and strength.

Our Recycled Structural Composite products are non-corrosive, moisture impervious, non-chemical leaching and insect and rot resistant. With superior lifecycles, AXION’s products have greater durability and require less maintenance than competitive products

made from traditional materials. We market our products in two lines: ECOTRAX™ Composite Railroad Ties and STRUXURE™ Composite Infrastructure Products.

Our ECOTRAX™ rail ties have been extensively tested. In excess of 150,000 ties using our technology have been installed in track around the world. We are receiving a growing number of orders from an expanding customer base. From mainline and transit lines in the U.S. to mining applications in Australia, ECOTRAX™ is the tested, proven, and superior choice for the domestic and international railroading and mining industries.

Our STRUXURE™ building products have been in service since our first vehicular bridge in 1998 at Fort Leonard Wood, Missouri. From three tank

bridges at Fort Bragg to two train bridges at Fort Eustis, STRUXURE™ is a tested, proven building product superior to its traditional competitors. From the first recycled plastic railroad bridge in the world to the first recycled plastic vehicular bridges in the U.S. and Europe, AXION is building strong brand equity and recognition as a leader in sustainable design. STRUXURE™ building products are being introduced to broader markets such as state departments of transportation, golf courses, municipalities and parks and recreation departments.

Led by an environmentally-conscious and strong management team based in New Providence, New Jersey, AXION began operations in 2008 and is a public company with a social conscience. Invest and join us in “greening” our infrastructure!

Patented Technology

AXION’s green technology combines 100% post-consumer and post-industrial plastic wastes. Through an extrusion process, these materials are transformed into our structural building products.

In the 1990s, Rutgers University materials scientists developed the patented technologies that AXION exclusively licenses in North and South America, the Caribbean, South Korea, Australia, Saudi Arabia, U.A.E, Russia, and Africa (except South Africa), and is a co-licensee of the patents in China. Under AXION’s license, sublicenses can be granted for territories and product applications. As Rutgers expands its patent portfolio upon which AXION’s license is based, the Company’s market position is enhanced. AXION also benefits from its association with Rutgers’ Center for Advanced Materials via Immiscible Polymer

Processing, providing access to research and development (R&D) at the highest level, eliminating much of the cost associated with internal R&D and reducing overall development costs.

Requiring significantly less maintenance than traditional materials, AXION’s building products are more durable, have substantially greater useful lives and offer flexible design features. Since the Fort Leonard Wood vehicular bridge in 1998, the technology has been applied and proven as a structural building material. The U.S. Army Corps of Engineers, Department of Defense, and the Transportation Technology Center, Inc. (representing the Association of American Railroads) have published detailed technical reports on the superior performance, durability and low lifecycle costs of AXION’s building products.



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Competitive Strengths

• Superior Long-term Physical Attributes.

Our products, unlike many of the traditional products with which we compete, are impervious to moisture and are non-corrosive, rot and insect resistant and non-chemical leaching. Early indications also show that our products are resistant to changing shape under constant stress, or "creep."

• Successful Projects & Results.

Our products have been thoroughly tested and their various attributes have been validated through independent third parties. Our products are based on a proprietary technology that has been developed, tested and validated over a period longer than 20 years, and the lack of access to that technology by others, coupled with the long-term testing that is required to validate products like ours, creates a barrier to entry for prospective competitors.

• Documented Cost Savings.

Our products represent cost savings over their lifecycles, as the very nature of the material prevents corrosion, rusting, moisture absorption, chemical leaching and rot, thereby increasing their durability and reducing maintenance costs. Our products are often lighter in weight and often feature quick-assembly designs that allow for projects to be built quickly, reducing downtime and inconvenience.

• Environmentally Beneficial.

Our products are made from recycled waste and have no natural or environmentally harmful additives that are sometimes used in connection with products of our competitors.

• Uniqueness of Components.

We have the ability to engineer and manufacture highly specialized components. We work closely with customers to deliver products that are engineered specifically to meet the challenges of each job or project.

Growth Strategy

- Developing and expanding market opportunities for STRUXURE™ building products
- Concentrating on sales of ECOTRAX™ rail tie products
- Collaborating with the other licensee of our licensed patents
- Working with strategic partners to expand our marketing and sales opportunities
- Building brand recognition through the use of trademarks and marketing
- Focusing on market segments: railroads, federal & municipal government agencies and departments that are rebuilding public infrastructure, and recreational facilities such as golf courses and marinas

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Market Opportunities

STRUXURE™ Composite Building Products

MILITARY, MARINE, GOVERNMENT & CONSTRUCTION

Vehicular Bridges • Train Bridges • Piers • Marinas
Golf Course Bridges • Pedestrian Bridges • Boardwalks

ECOTRAX™ Composite Railroad Ties

RAILROAD AND MINING INFRASTRUCTURE

Heavy Axle Load Freight • Transit Lines • Railroad Bridges
Crossings • Switch Ties • Underground Mining Track

Investment Considerations

- Eco-friendly, Superior Structural Products
- Exclusive Licensee of Patented Technology
- Operates in Expanding Global Infrastructure Market
- Multiple Applications in Multiple End-Use Markets
- Prominent, Growing Customer Base
- Focused on Increasing Capacity
- Strong, Experienced Management Team

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