

**INDUSTRIES:** Additive Manufacturing / Mobility / Sporting Goods / Aerospace / Advanced Materials / Wind Energy / Oil & Gas

**AMOUNT & TYPE OF FINANCING SOUGHT:**  
\$6M Investment—Series A (half committed)

**USE OF FUNDS:**  
Facility & equipment upgrades to increase production, expand team, support relationships with strategic partners, leverage additional non-dilutive capital.

**INTELLECTUAL PROPERTY:**  
Vartega's chemistry-based recycling process creates high quality recycled carbon optimized for high volume injection molding applications.  
-Two US patents granted  
-Three US patents pending  
-Two international patents pending

**PITCH VIDEO:**  
<https://youtu.be/uhT9iZ-Gxco>

**TEAM**

**Andrew Maxey—Co-founder & CEO**

- Former VP, Engineering for Colorado early stage cleantech company. Relevant background in textile processing, custom equipment, and oil & gas processing.

**Sean Kline—Co-founder & VP Engineering**

- Hardware & start-up experience with a venture-backed biofuels company.

**Jordan Harris—CTO (Contract)**

- Chemical engineering experience with a polyurethane recycling start-up that had a successful exit in 2013.

**COMPANY SUMMARY**

Vartega is solving the world's toughest advanced materials recycling challenges to create circular supply chains and enable a sustainable future. Our modular patented carbon fiber recycling process scales rapidly to address a gap in the composites supply chain. It's like a carbon fiber washing machine inside a shipping container. We deploy these units close to the source of composites scrap via our Hardware-as-a-Service subscription platform. Vartega's carbon fiber and specialty thermoplastics are used in sporting goods, additive manufacturing, and vehicle lightweighting.

**MARKET PROBLEM**

The ~\$500B plastic and composites industry has an expensive and embarrassing waste problem. Approximately 30% of carbon fiber reinforced plastic is landfilled as manufacturing scrap before a product even reaches the consumer. High scrap rates result in significant lost value, expensive disposal, and negative public perception. Manufacturers are seeking low-cost, high performance, sustainable advanced materials from reliable sources.

**SOLUTION**

Vartega's recycled carbon fiber has the same mechanical properties as virgin carbon fiber but requires 95% less energy and is half the cost. Our EasyFeed fiber format is also optimized with specialty coatings to improve performance and act as a drop-in replacement to virgin carbon fiber. Vartega's enabling recycling technology is solving a supply chain problem by connecting a captive supply in the wastestream to unmet demand downstream. Vartega offers its technology via a turn-key subscription service and will co-locate recycling operations to close the loop on composites scrap.

