

hempitecture®

TRULY SUSTAINABLE
MATERIALS
FOR PEOPLE & PLANET

Industrial Hemp - Conclusively Carbon-Negative.

Reintroduced to the United States with the 2018 Farm Bill, hemp fiber has vast applications to replace conventional toxic materials.

We are **lowering embodied carbon** across multiple industries - Construction, Automotive, Cold Chain, and Consumer Goods.





Hemp fiber is the carbon-capturing engine behind our product portfolio.

It stores **~6,500 lbs** of biogenic carbon per acre.

It is a domesticated, durable, natural fiber that is economical to grow and scalable.

Hemp fiber has the strength of polyester, the versatility of cotton, and restores rural agriculture.



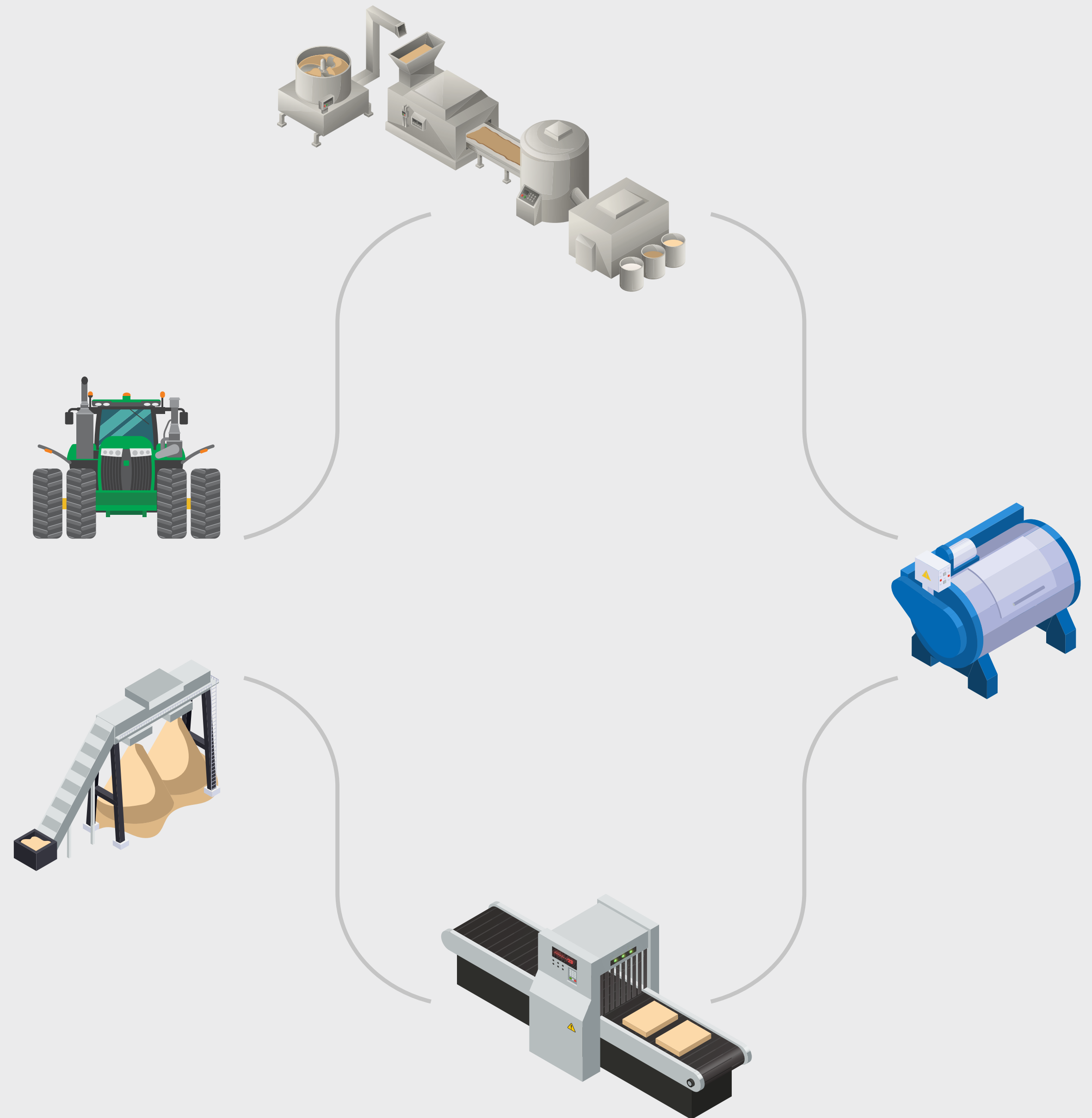
MADE IN IDAHO

First-of-its-kind
33k SqFt facility.
Custom system
designed around fiber
processing for high
throughput and low
cost manufacturing.

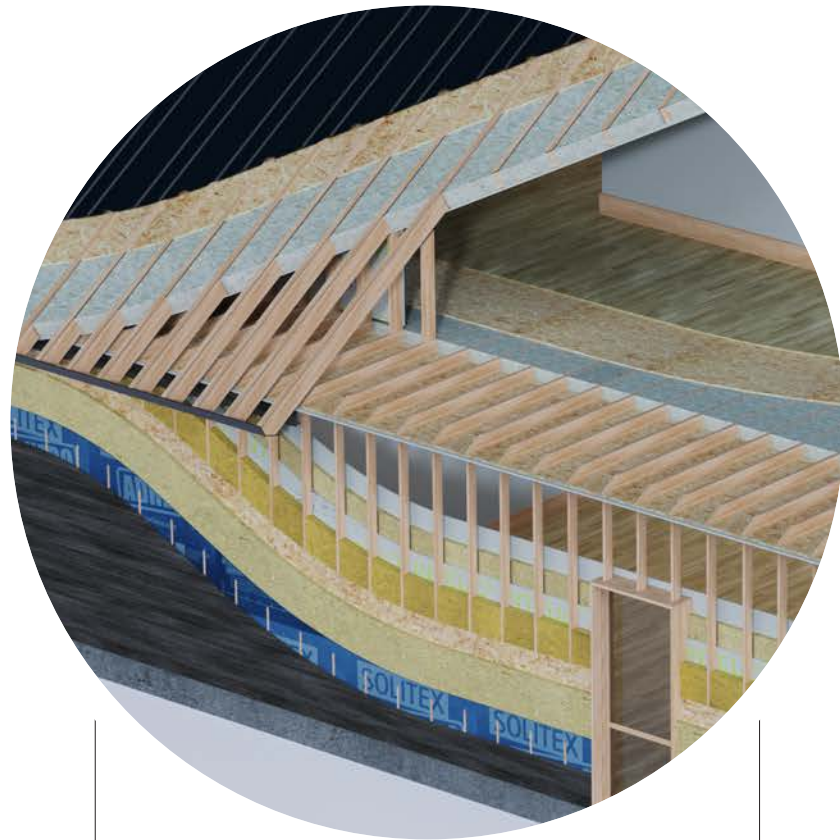
We are actively securing **patents for specialized manufacturing** of fiber pre-treatment additive technology.

Our **existing IP** covers products and processes, & we're expanding our portfolio to include enhanced performance characteristics.

Proprietary tech allows us to produce low (environmental) impact, technical commodities with high loft versatility.



Industry Verticals



CONSTRUCTION

Thermal & Acoustic insulation:
Batt & Board
Loose-fill
Carpet Underlayment



AUTOMOTIVE

Die-cut and compression molded:
Vehicle doors
Hood
Interiors



COLD CHAIN

Pre-formed encapsulation:
Transportation for perishable consumer goods



PACKAGING

Numerous practical applications:
Cushioning
Protective inserts
Molded fiber



CONSUMER GOODS

Home furnishings:
Pillows
Seat cushions
Mattresses
Rug underlayment

Total Addressable Market Size

CONSTRUCTION

AUTOMOTIVE

COLD CHAIN

PACKAGING

CONSUMER GOODS

\$12B

U.S. Insulation

\$2.6B

Auto Insulation

\$7.4B

Cold Chain Logistics

\$17B

Protective Padding

\$16B

Bedding & Cushion

= \$55B

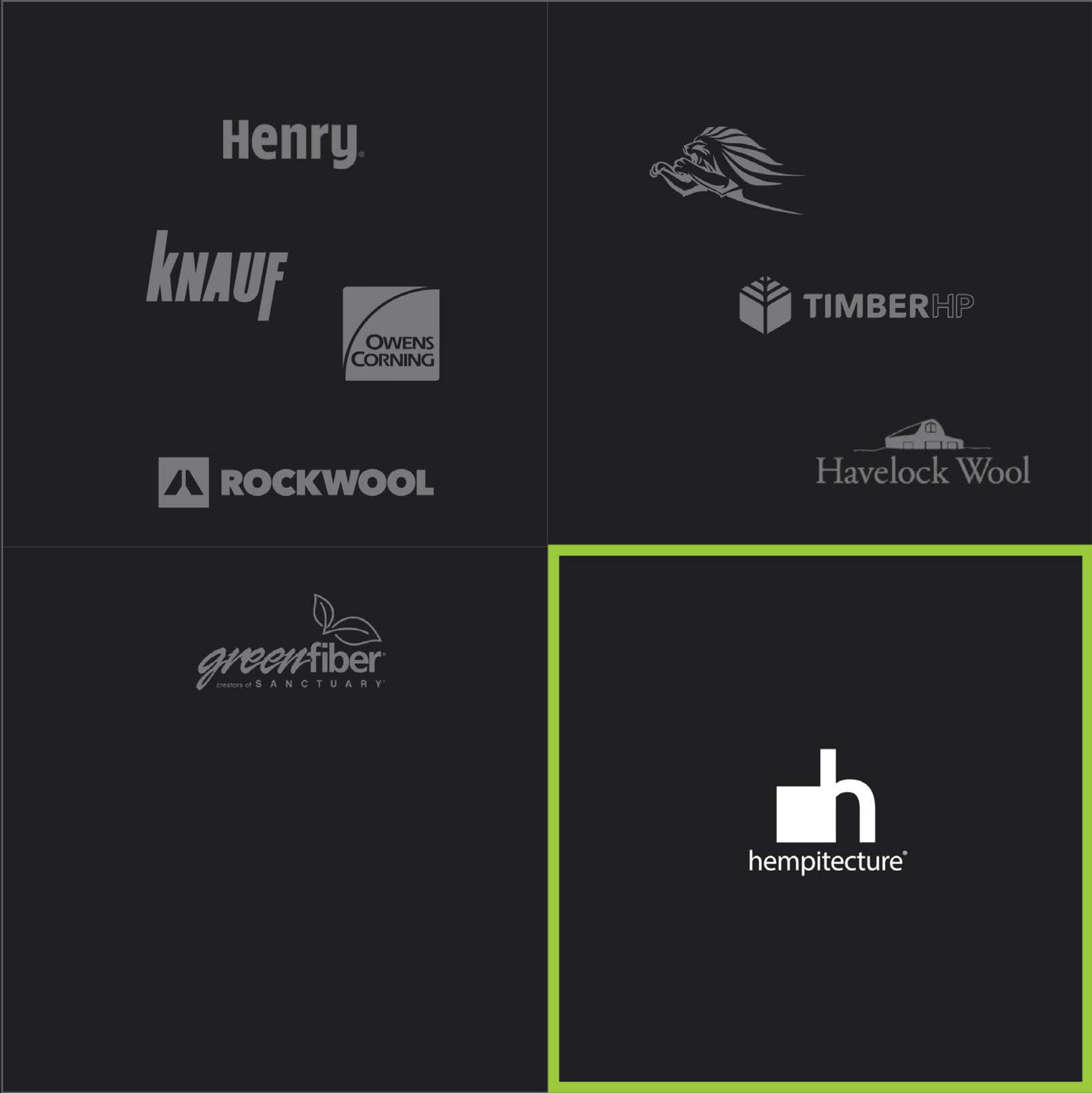
Momentum in conscious consumerism, decarbonization efforts, and the adoption of bio-based materials will propel our expansion in these markets.

Simply put
we are just
different

COMPETITIVE SCOPE

BROAD

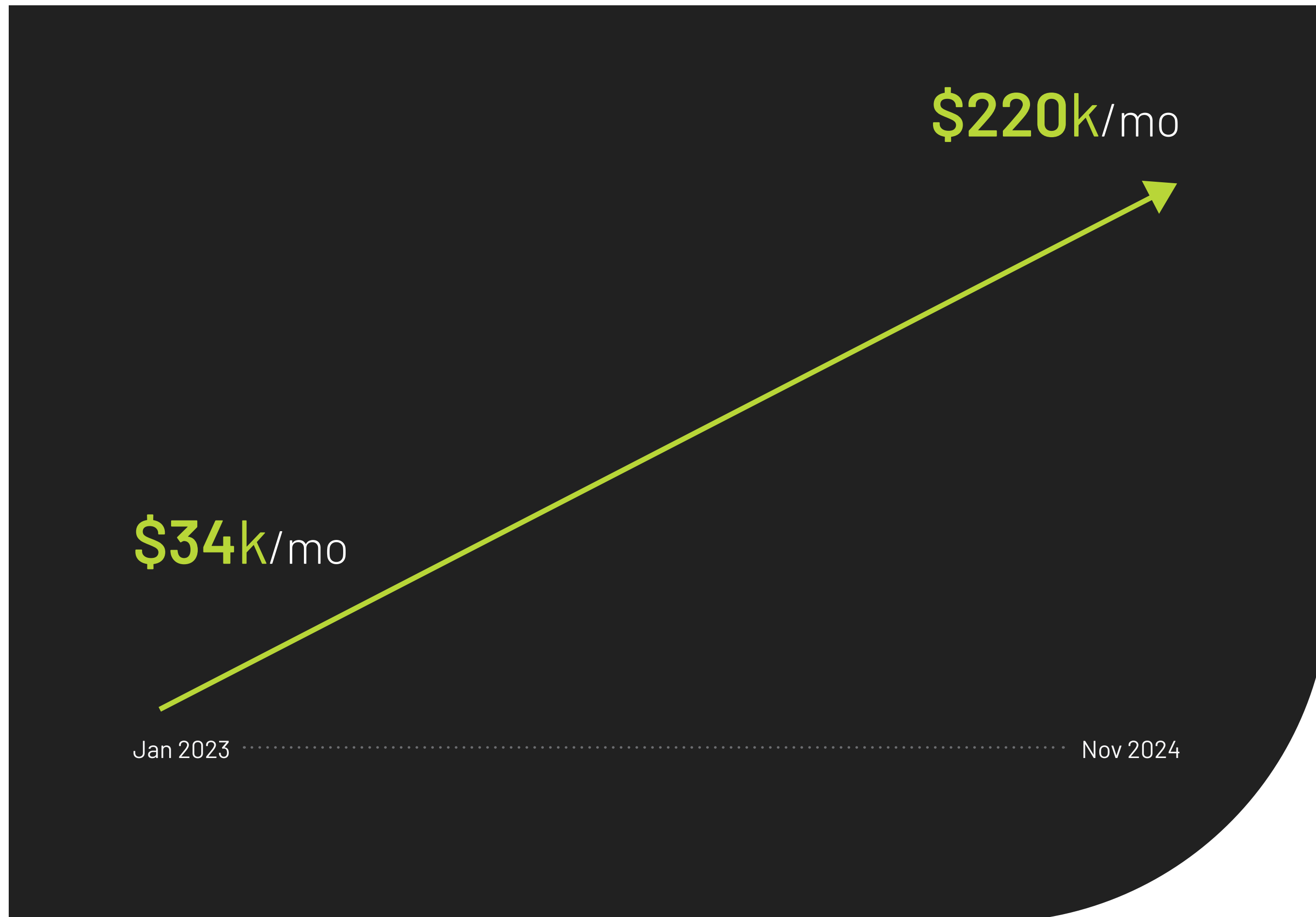
NARROW



LOW COST

PREMIUM

TYPE OF ADVANTAGE



Traction

On track for **\$2.2M**
Gross Revenue 2024.

25,000 organic site visitors/mo
with virtually no ad spend.

Unlocked **Construction, Cold
Chain and Consumer Goods**
verticals in year 1.

Funding to Date

\$4.6M

WEFUNDER

MAY 2022

\$500K

GROWNY

NOV 2022

\$1.1M

NYSERDA

JAN 2024

▶ *non-dilutive*

\$1.1M

WEFUNDER

DEC 2024

\$8.4M

U.S. DEPT. OF ENERGY

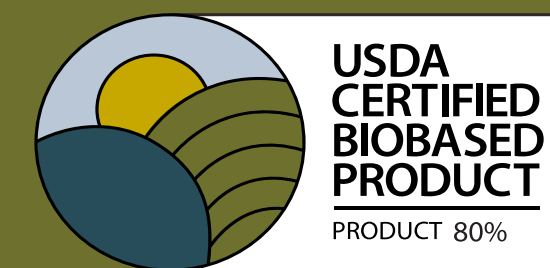
JAN 2025

▶ *non-dilutive*

Partners

U.S. DEPARTMENT OF
ENERGY

CORNELL



NYSERDA



CARLISLE
CONSTRUCTION MATERIALS

onx

NOVA
BY SAINT-GOBAIN

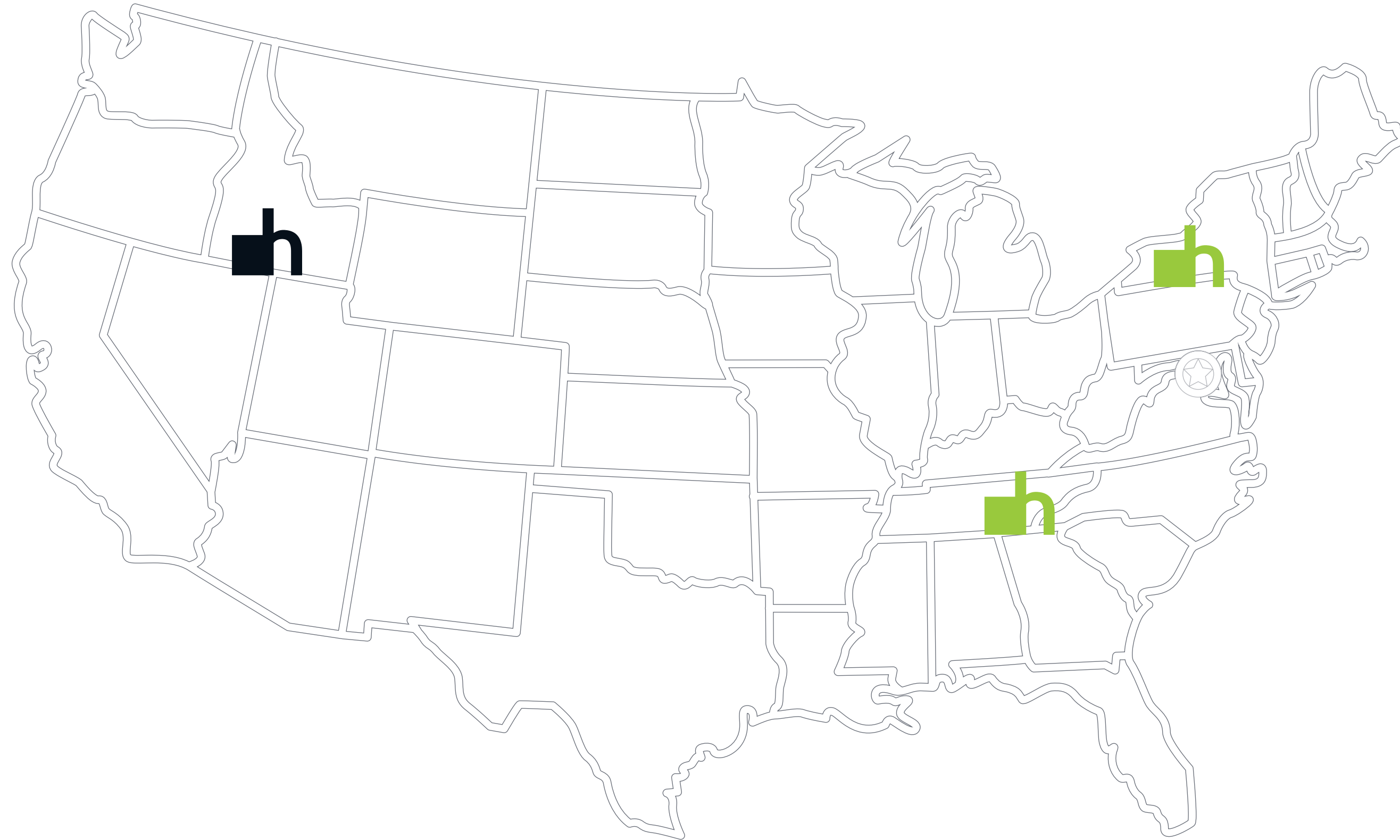
Forward Looking

Multi-regional
manufacturing to stabilize
margins across regions

Expand products &
industries

Vertical integration of
sourcing fiber & regionalized
production

Partner with strategic
building material brands



Strong Signals from European M&A



Analagous biobased companies recently acquired indicate proven market demand and methodology;

Steico- acquired by Kingspan in July 2023 for **\$550M**

HempFlax- acquired by Kingspan (cost not disclosed publicly)

ISONat- invested in by Saint Gobain

A Team Unlike Any in the U.S.



Mattie Mead
Founder + CEO



Tommy Gibbons
CoFounder + CIO



Aimee Christensen
Intl' Climate Policy Strategist



Michael Marks
Former Tesla CEO



Ashil Parag
Creative + Strategy



Trent Baker
Plant Manager



Max Sagdahl
Head of Sales



Sondra Cadavieco
Logistics



JD Merchant
Warehousing Operations



Brandon Grob
Lead Operator



Johanna Valencia
Manufacturing Tech



German Castro
Manufacturing Tech



Jair Ortiz
Manufacturing Tech



Austin Schweigert
Line Operator



Willy Beadz
Packaging Operator



Dom Emery
Manufacturing Tech

Leaders in R&D, manufacturing, marketing, and selling carbon-sequestering hemp fiber solutions.



hempitecture®

Own the future of
Truly Sustainable Materials

hempitecture.com