
MT2030
CLIMATE
SUMMIT
SUN VALLEY 26
PRESENTED BY TORUS

CLIMATE SUMMIT SUN VALLEY 26

From Regenerative Agriculture to Regenerative Buildings

MATTIE MEAD
CEO, HEMPITECTURE INC.



HEMPITECTURE.COM



About the Presenter

- Matthew Mead, Founder and CEO of Hempitecture Inc. - a building materials company
- Lives in Sun Valley, Idaho, USA
- Passionate about nonwovens, materials, and construction
- BA in Architecture, left Arch. for entrepreneurship
- Was on Ketchum, ID Planning and Zoning for about 4 years
- My vision is to scale biobased nonwovens in the USA and beyond


TEDx
SunValley



BIOBASED ADVANCED MATERIALS ARE NEEDED AT INDUSTRIAL SCALE

Multiple industries are seeking alternatives to petrochemical, inorganic, energy intensive materials that win on both performance and sustainability.

Decarbonized high performance materials are in demand, but the US lacks the manufacturing capacity to solve these challenges.

This is the “Materials Gap.”



GROWN IN THE USA. MADE IN THE USA. FOR THE WORLD.

We’re solving the Materials Gap.

We built the first US manufacturing platform dedicated to solving construction carbon emissions with natural fiber feedstocks.

Now, we’re scaling to serve data, automotive, agriculture, and other carbon intensive industries.

hempitecture®

What we do:

Materials manufacturing with a *passion* for natural fibers.



VERIFIED CARBON NEGATIVE

We proved it.

With our third party verified Environmental Product Declaration, we proved that carbon can be locked in physical materials

For every square foot produced, we store approximately –0.2 lbs CO2e*

Compare that to Mineral Fiber, which emits +2.46 lbs C02e per SqM

EPD Registration #: EPD-IES-0 028 645:003



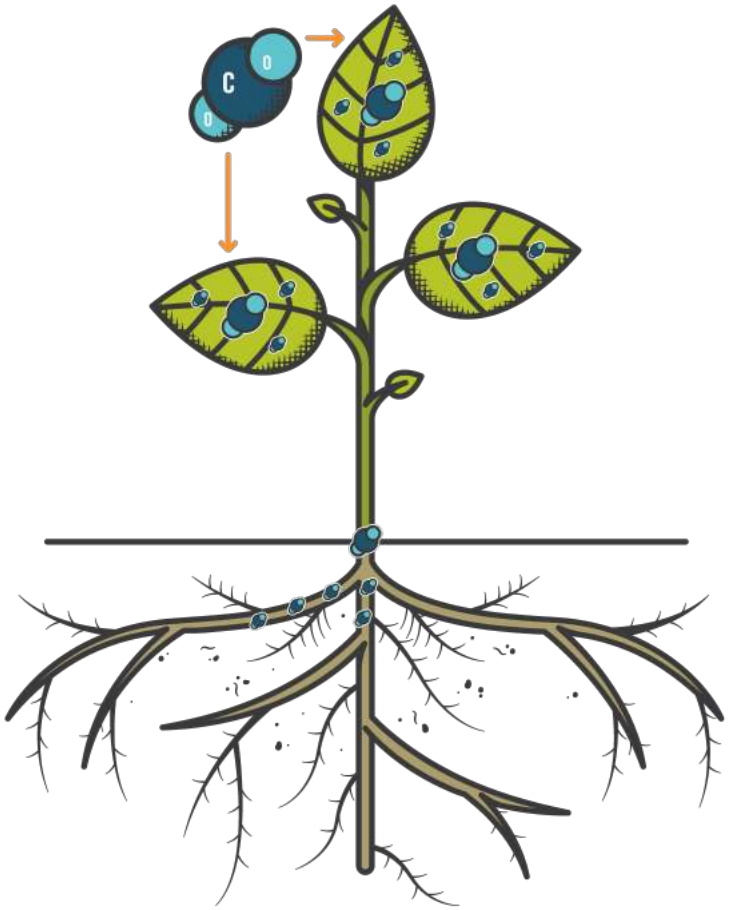


~5m Square Feet manufactured

~1m lbs CO_2e stored

12.3m lbs CO_2e avoided*

*Compared to Mineral Fiber

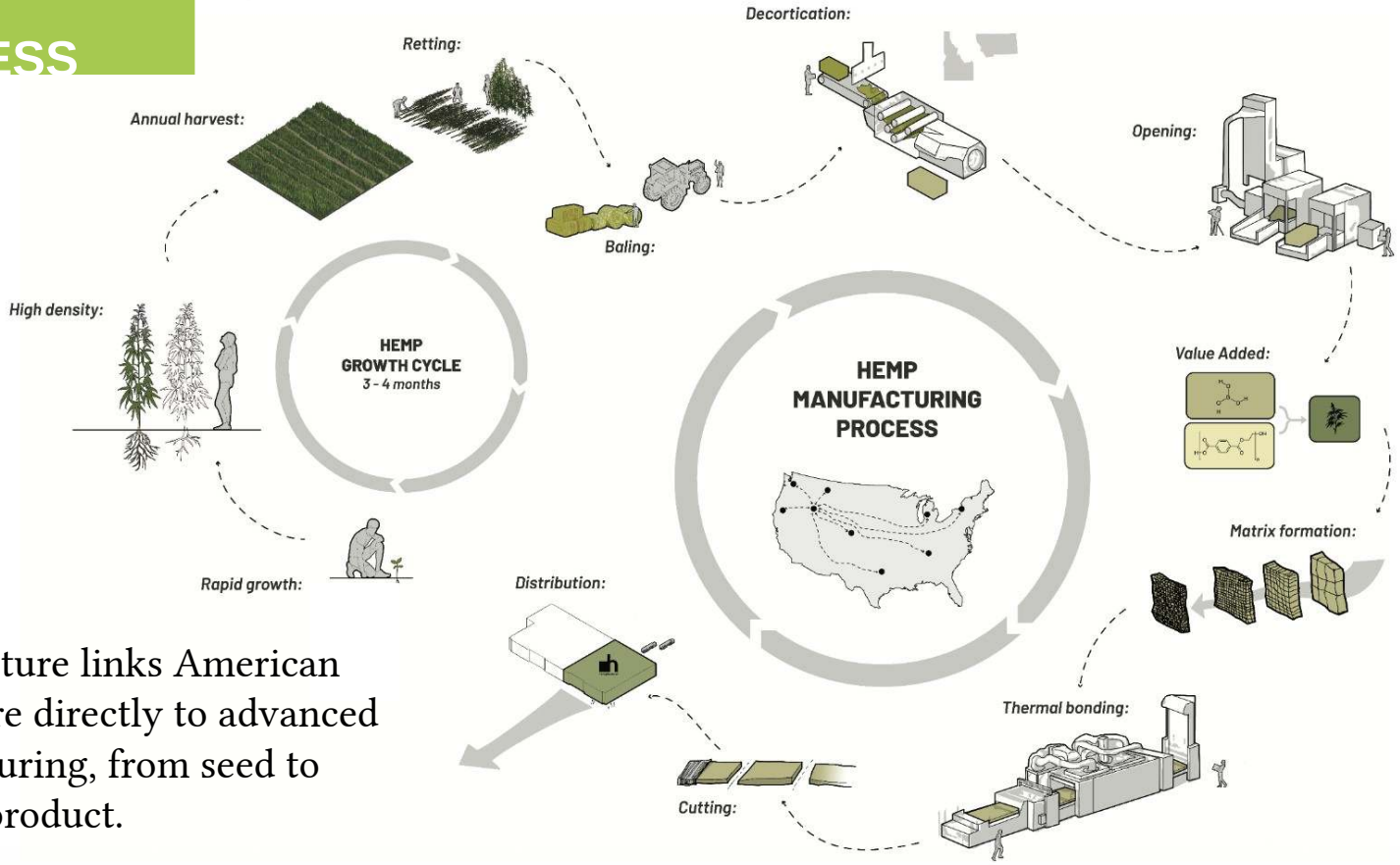


Industrial Hemp Offsets

Carbon Dioxide



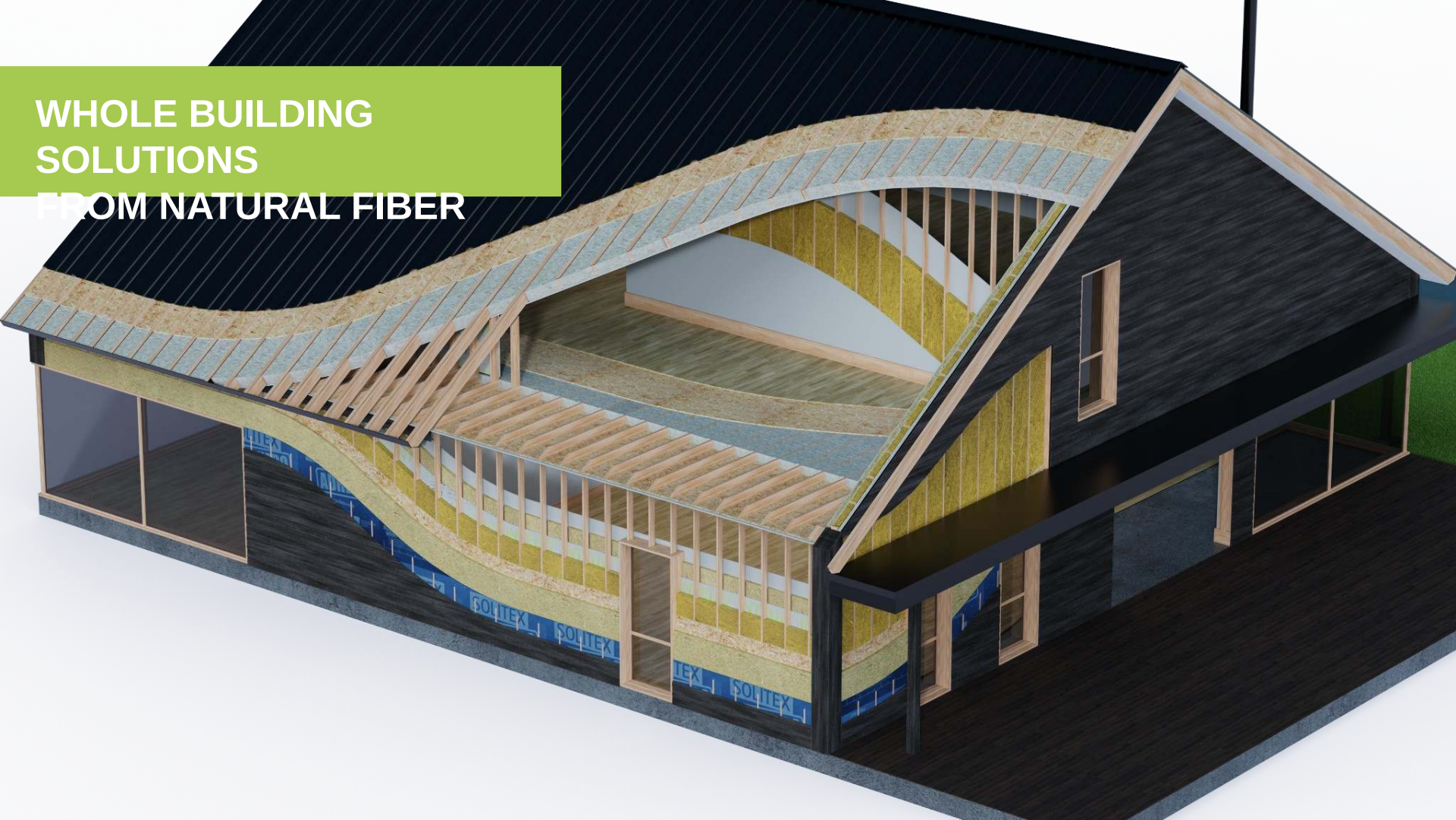
OUR PROCESS



Hempitecture links American agriculture directly to advanced manufacturing, from seed to finished product.



WHOLE BUILDING SOLUTIONS FROM NATURAL FIBER



HempWool Insulation





PlantPanel Insulation

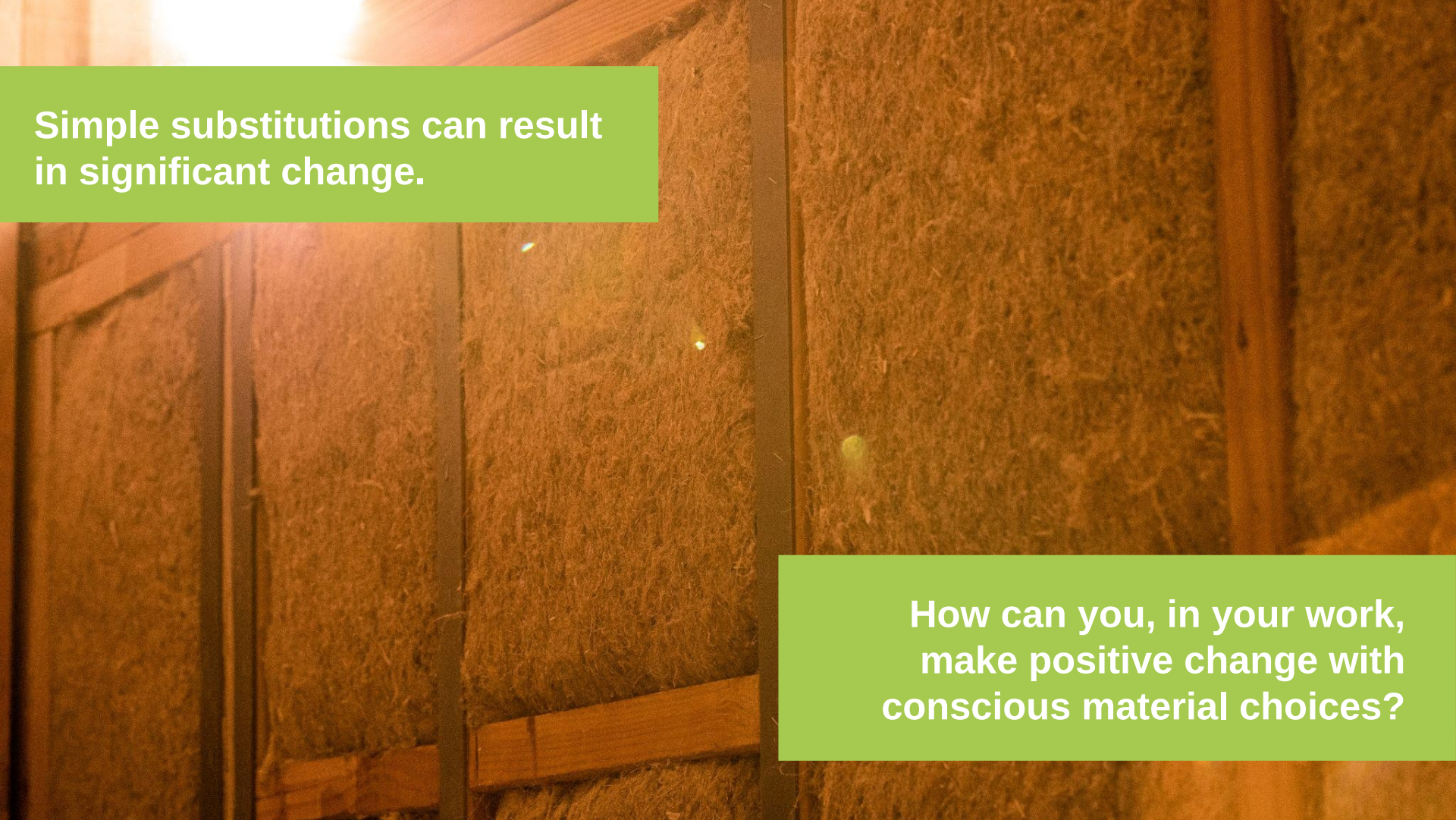
Their fibers start with a furnace…





Our fiber starts with a *field*.


THERE ARE OTHER SOLUTIONS.
AgWaste
Straw
Wood
Earth
Cellulose
Natural Fibers


Simple substitutions can result in significant change.
How can you, in your work, make positive change with conscious material choices?

Thank You.

Mattie Mead

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