



ecovative



@ecovative

www.ecovatedesign.com

How long to make



**65+ MILLION
YEARS!**



Plastic Timeline



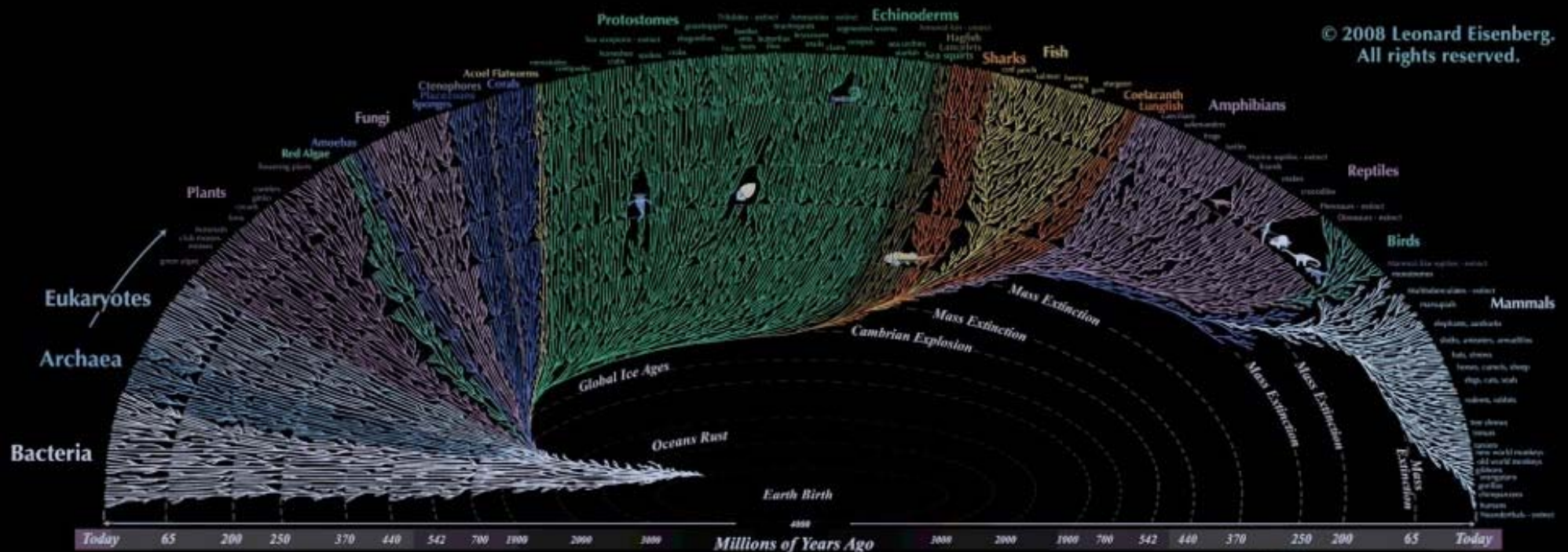
Dinos → Oil → Rig → Tanker → Refinery → Expansion Facility → Plastic → Use → Trash

We need **sustainable** materials.

We need **renewable** materials.



~50 MILLION species of renewable materials on Earth



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All the major and many of the minor living branches of life are shown on this diagram, but only a few of those that have gone extinct are shown. Example: Dinosaurs - extinct



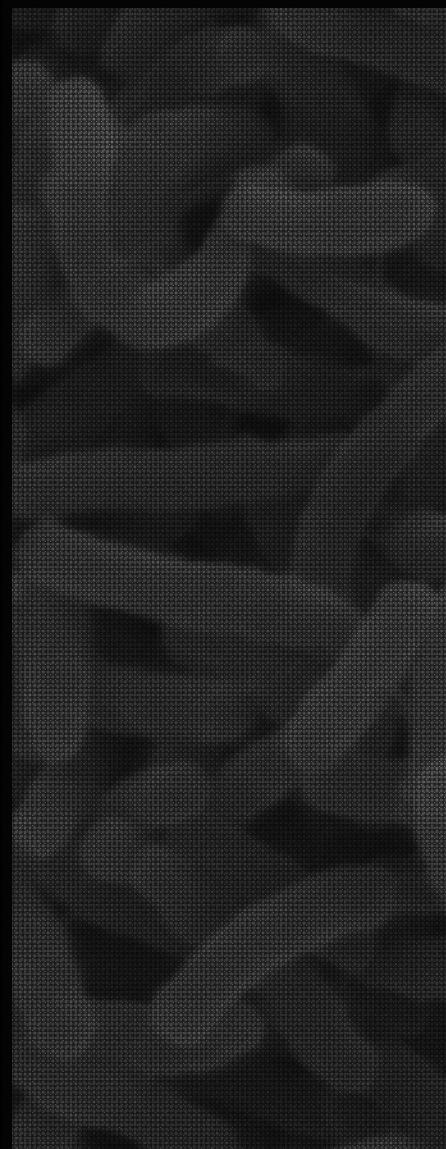
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PLANTAE



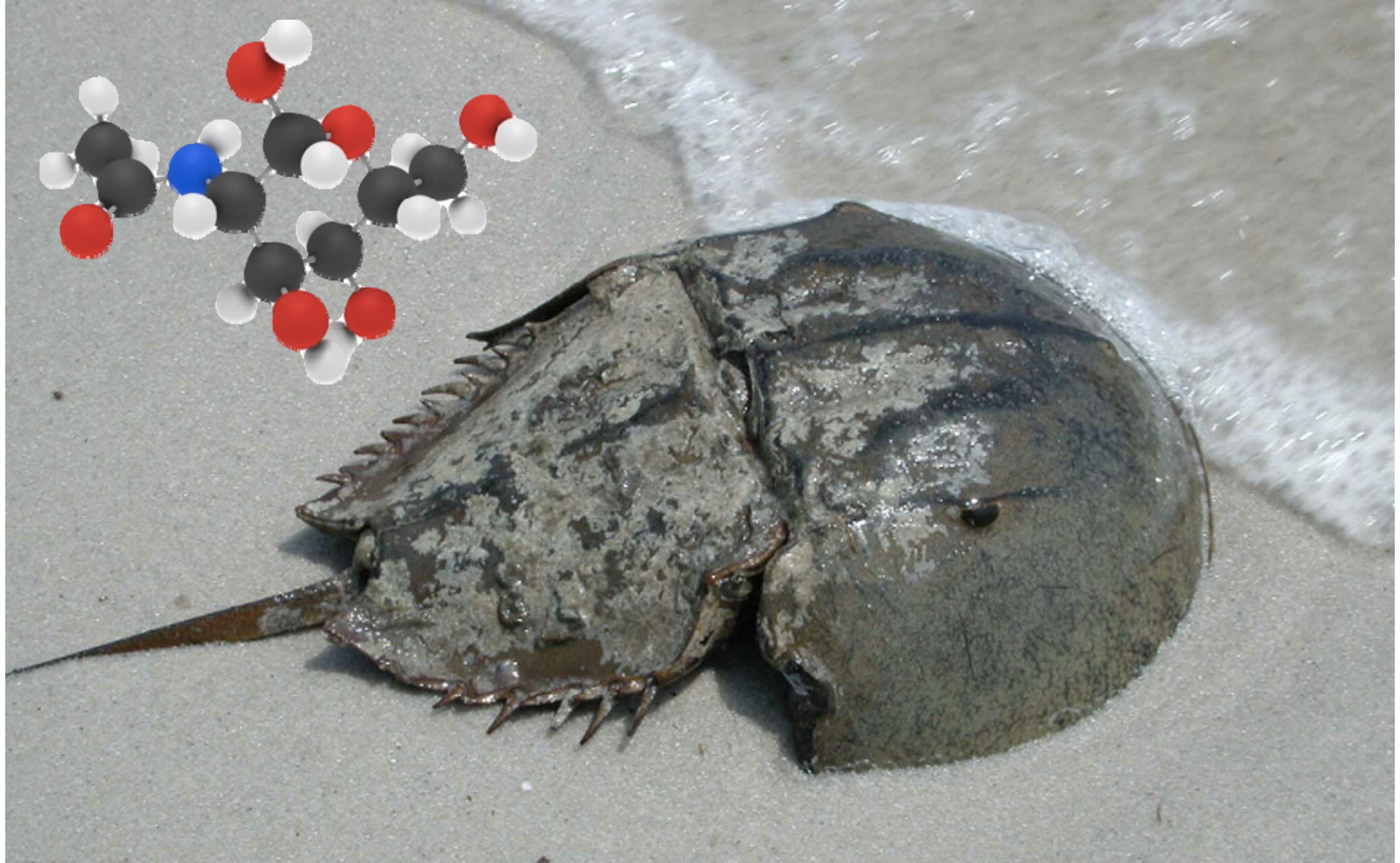
ANIMALIA



BACTERIA



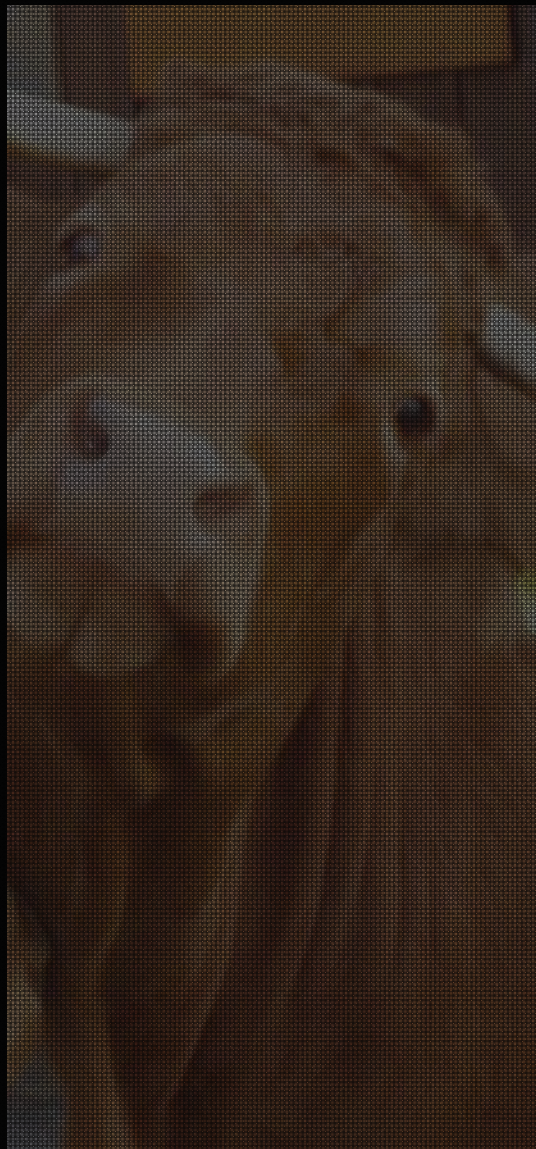
FUNGI



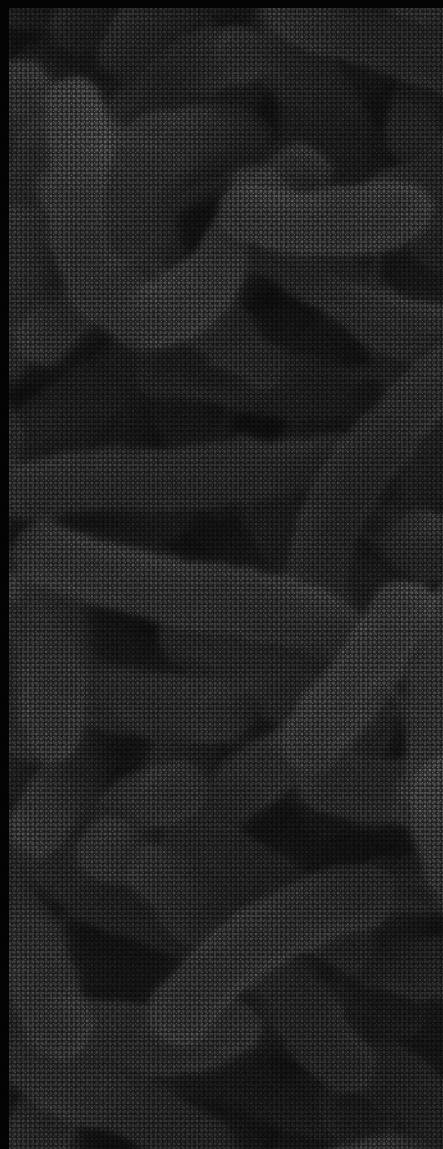
Chitin



PLANTAE



ANIMALIA



BACTERIA




FUNGI





MYCELIUM

X180  100 μ m

Ff+Bt/OH

Mushroom Material



**Agricultural
Waste**

+



**Fungal
Mycelium**

=



**Mushroom[®]
Materials**

Myco Foam™

Biocomposite material
to replace EPS, EPE, FPP, etc.

- Biobased
- Rapidly
- Custom
- Pa
-



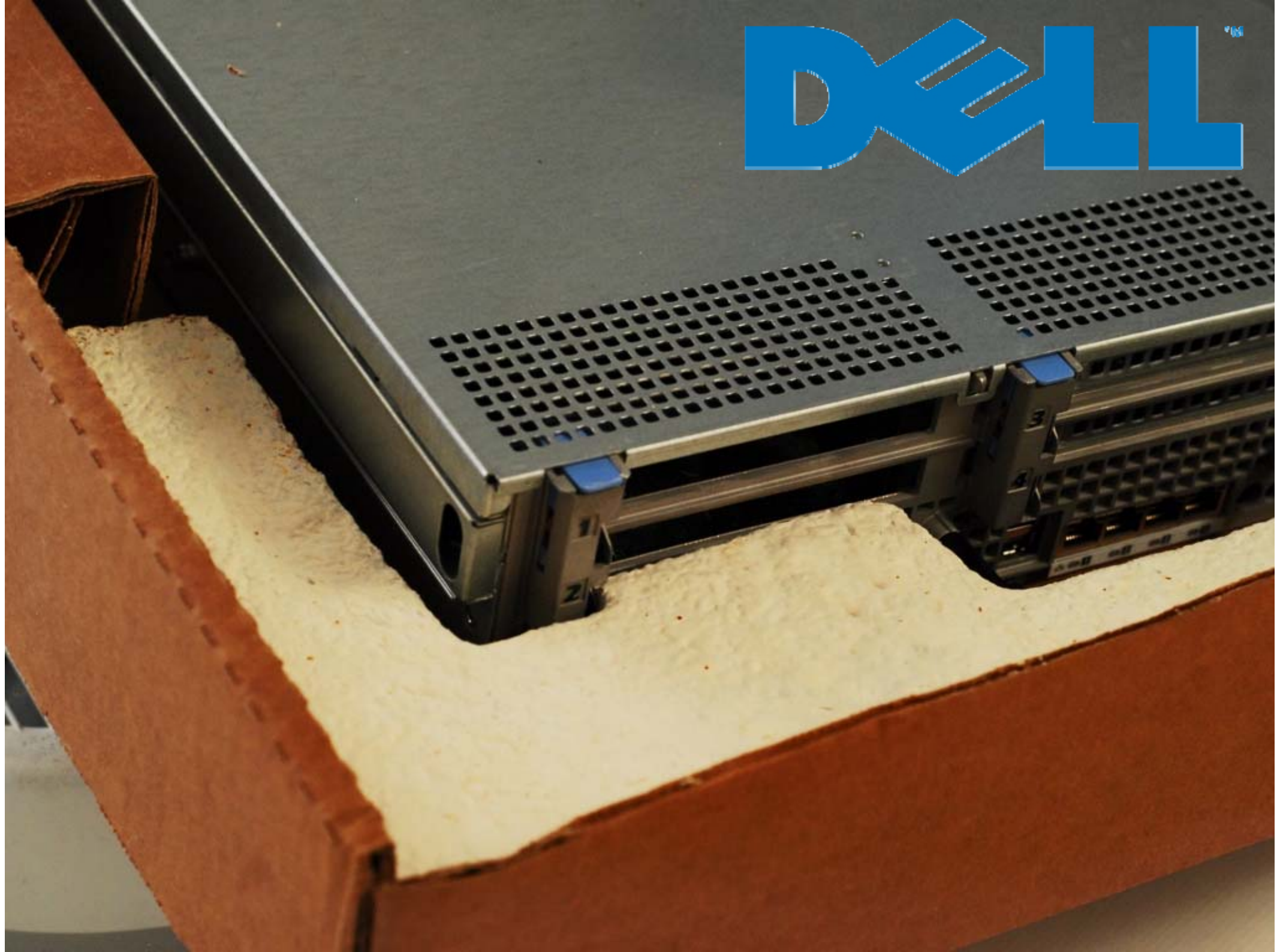


The Steelcase logo is positioned in the upper right corner of the image. It consists of the word "Steelcase" in a white, sans-serif font, centered within a solid blue rectangular background.

Steelcase

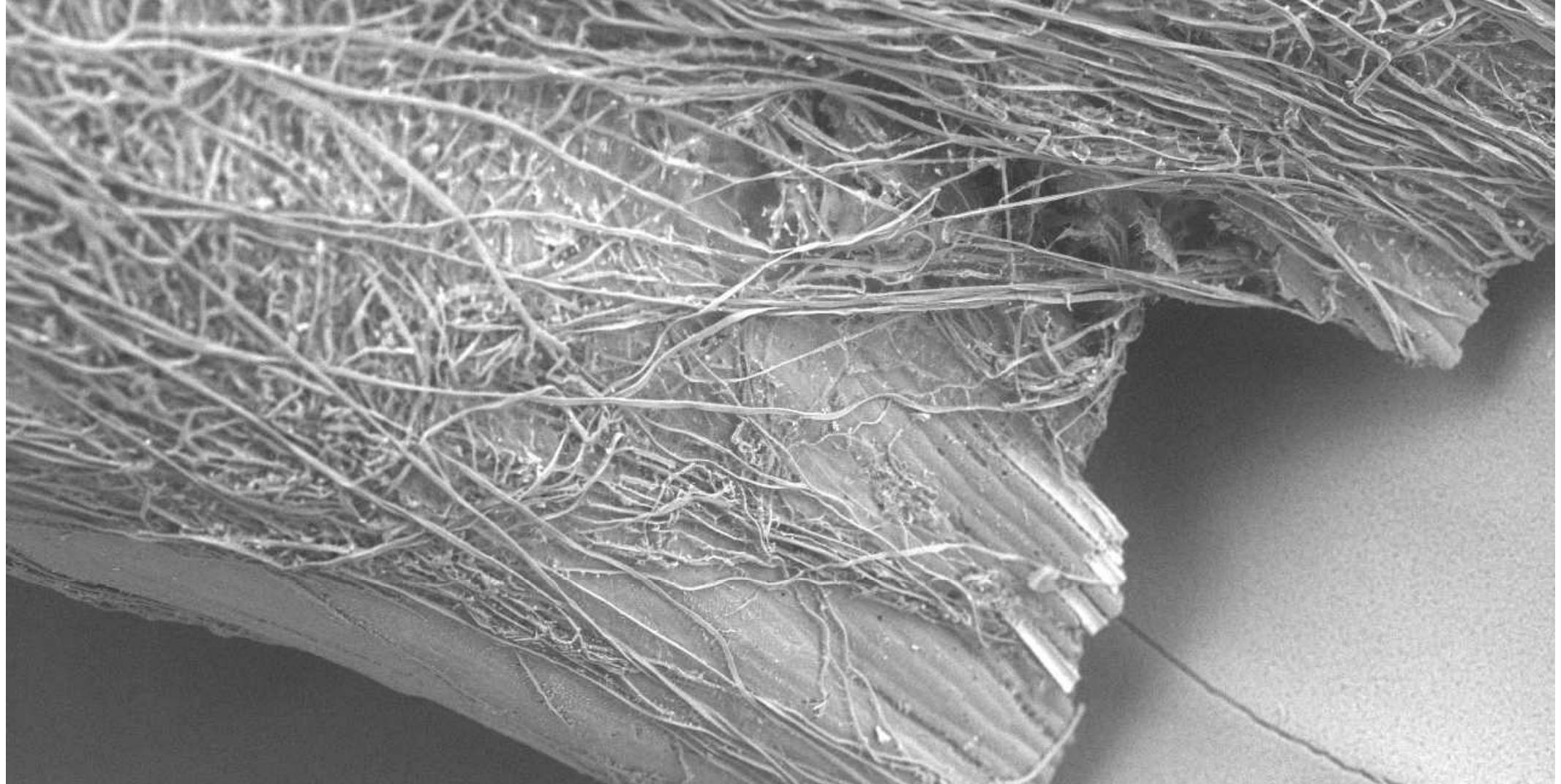


DELL



CROP WASTE






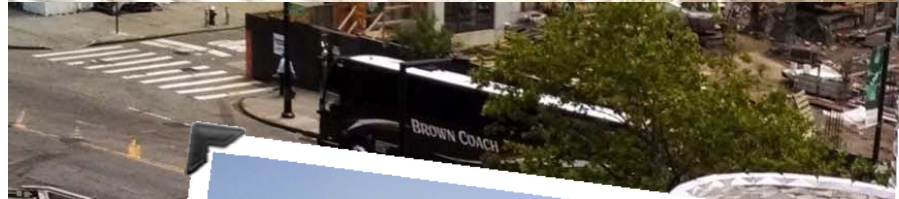
MYCELIUM


X250 100µm

Control/OH



**ULTRA
RAPID
RENEWABLES**



2007



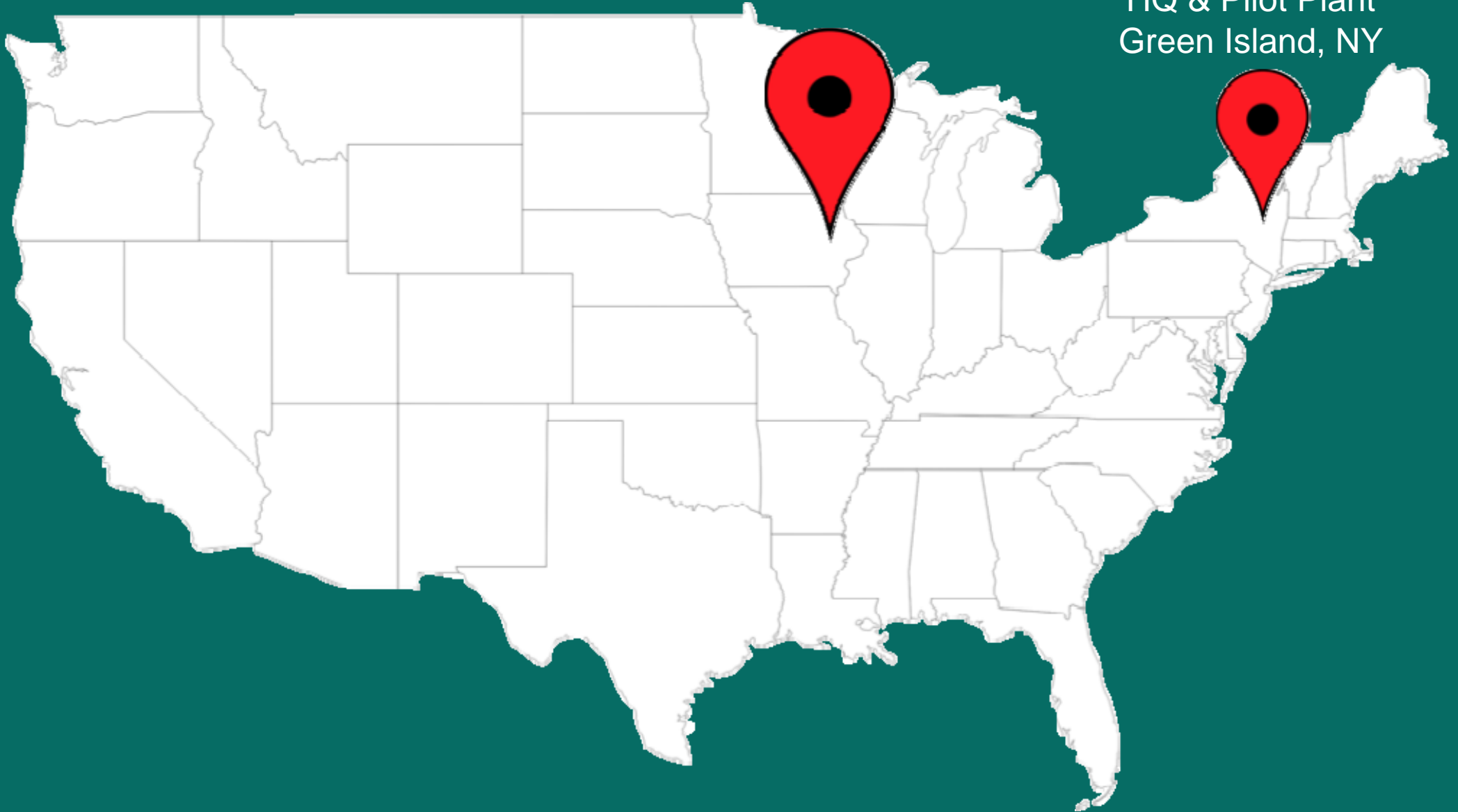
TODAY



LOCATIONS

Packaging Plant
Cedar Rapids, IA

HQ & Pilot Plant
Green Island, NY



Myco Board™



Compressed material to replace engineered wood

- Formaldehyde free
- Can be tree free
- Light weight
- High strength to weight ratio

Protective Packaging



Insulation



Insulated Sheathing



Furniture



Cores



Composites



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