

ecovativdesign

We Grow Materials.

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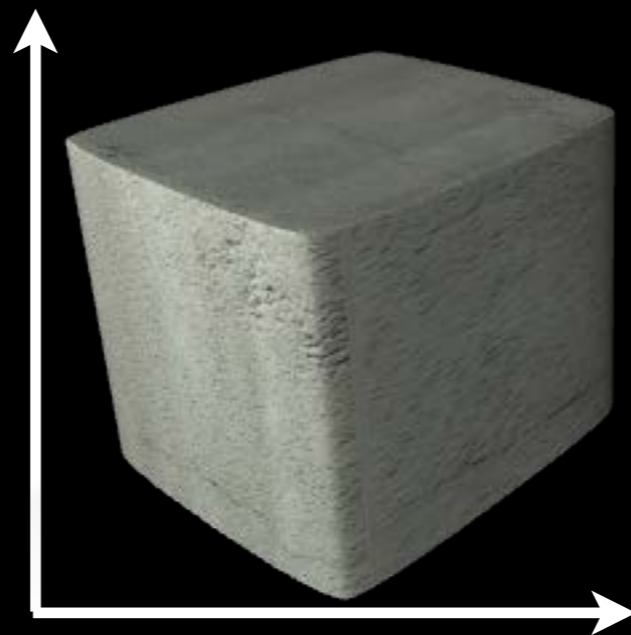




E.  
P.  
S.

Styrofoam™

33 cm



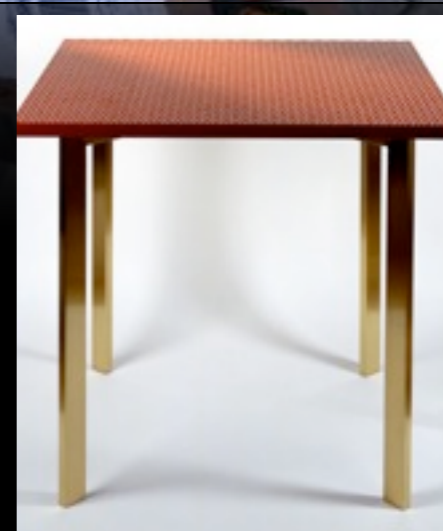
1.5 Liters of  
Petrol



25 km

E.  
P.  
S.

Styrofoam™



# We need better materials.

## 3 Principals:

Many Feedstocks

Far less energy/ $\text{CO}_2$

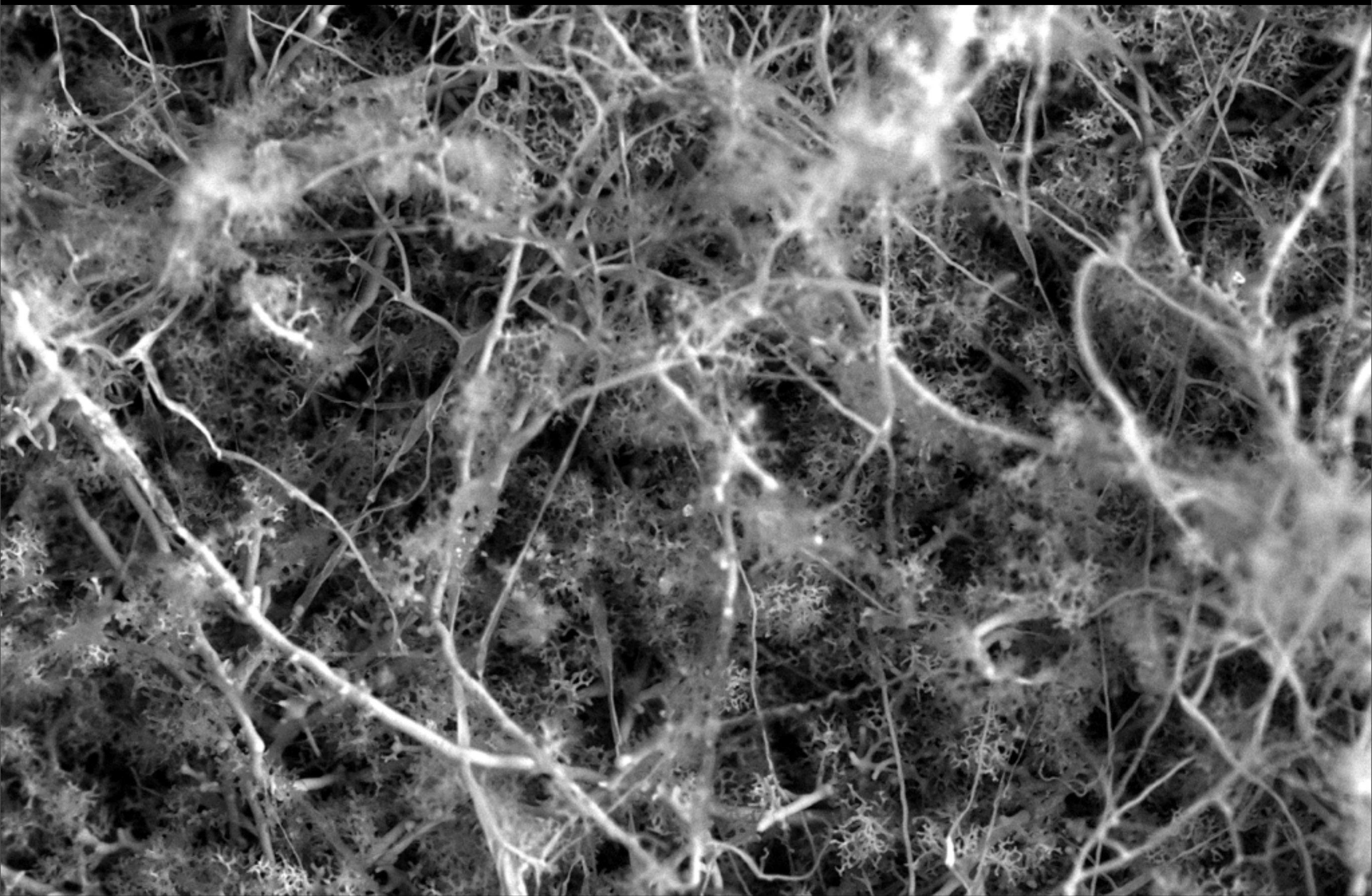
Nature's recycling system



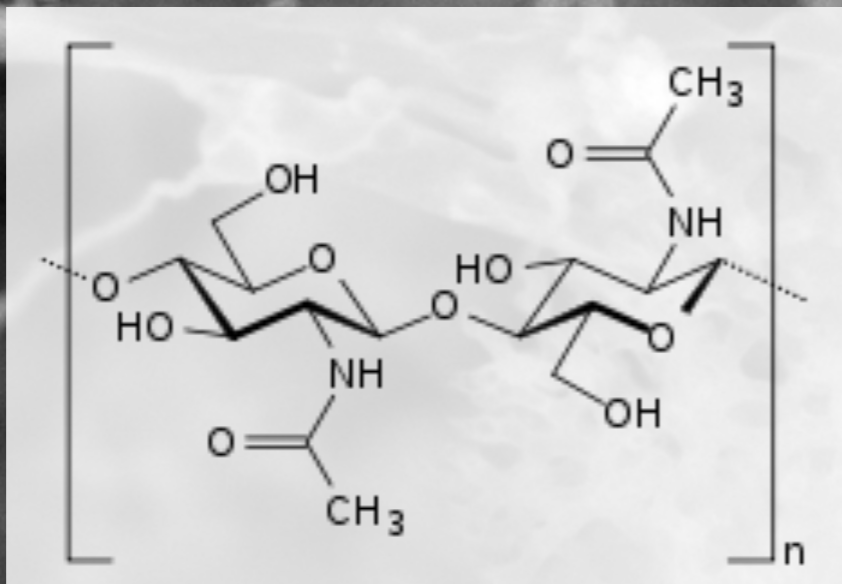
# Mushrooms



# Mycelium

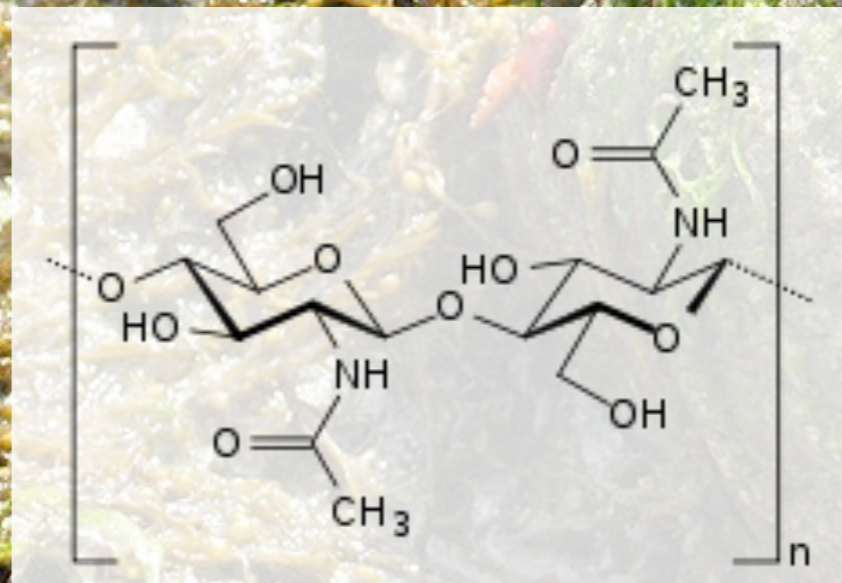


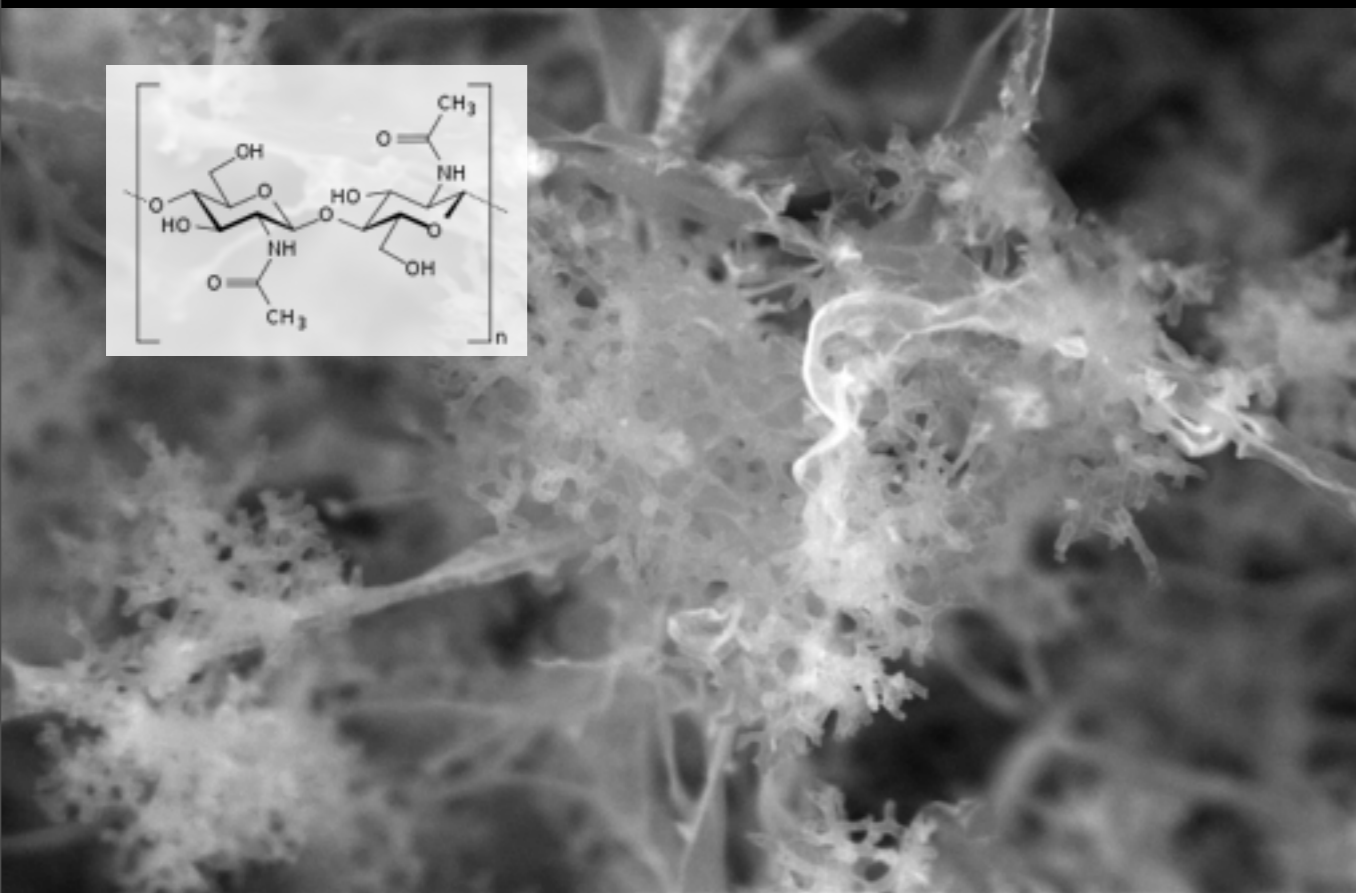
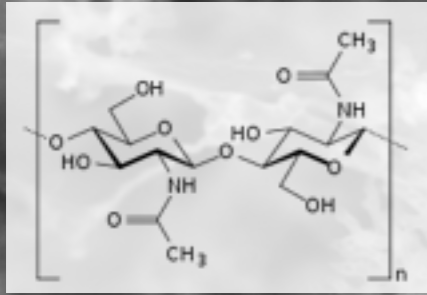
X430 50 μm



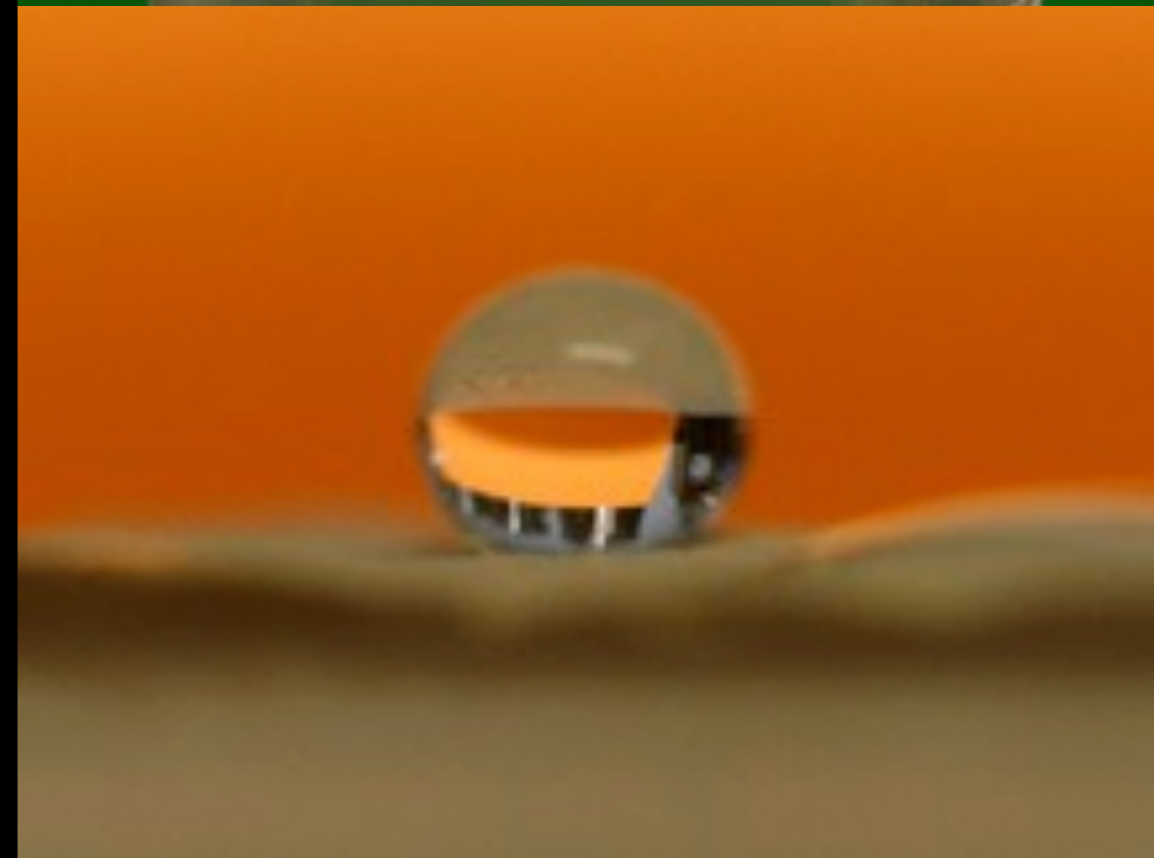
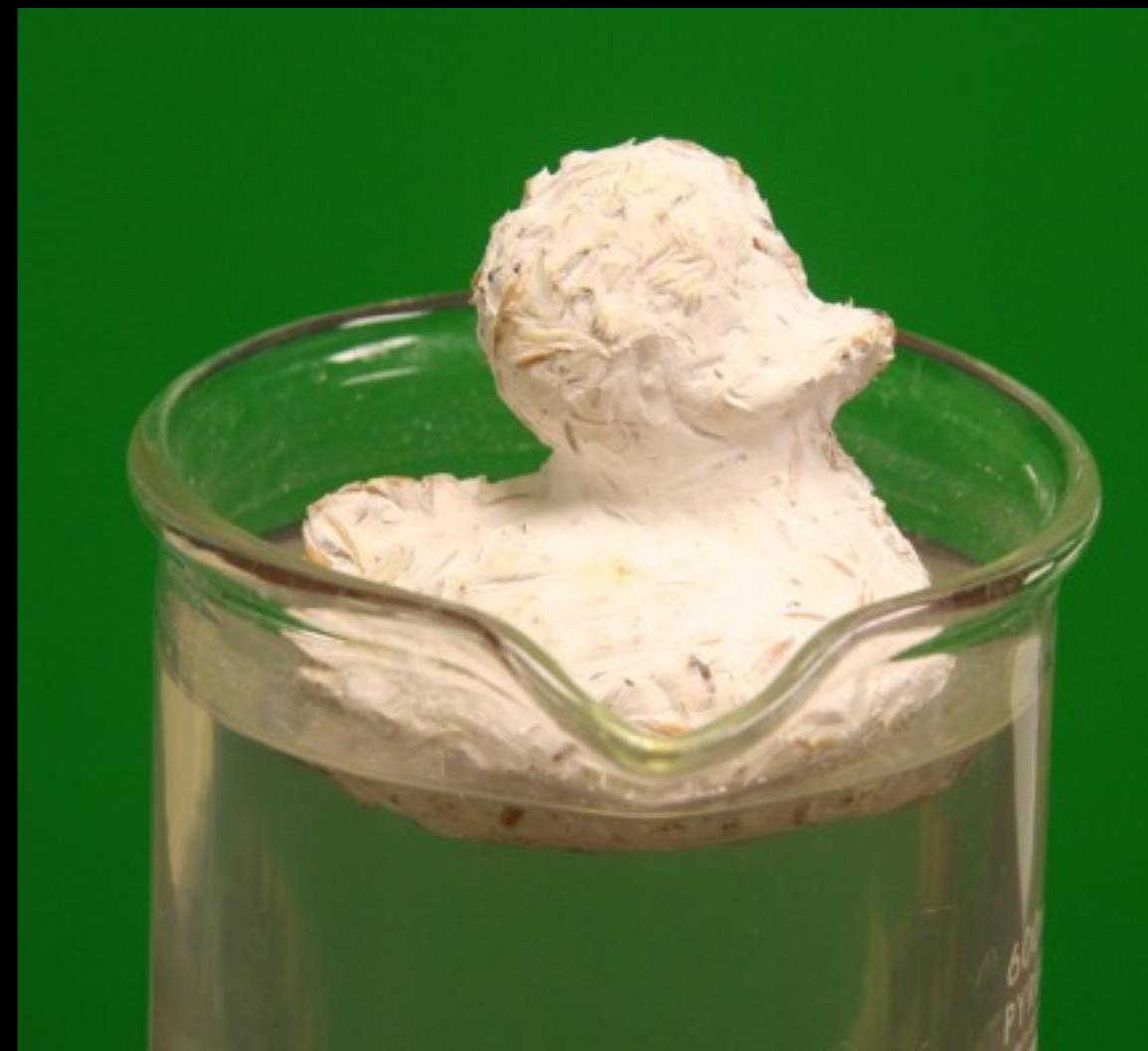
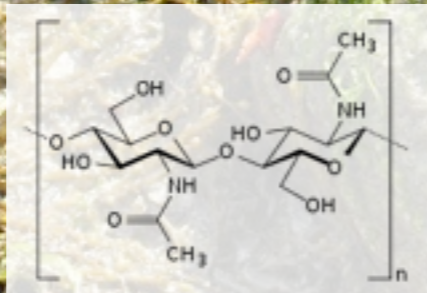
X1,500

10  $\mu\text{m}$





X1,500 10 μm



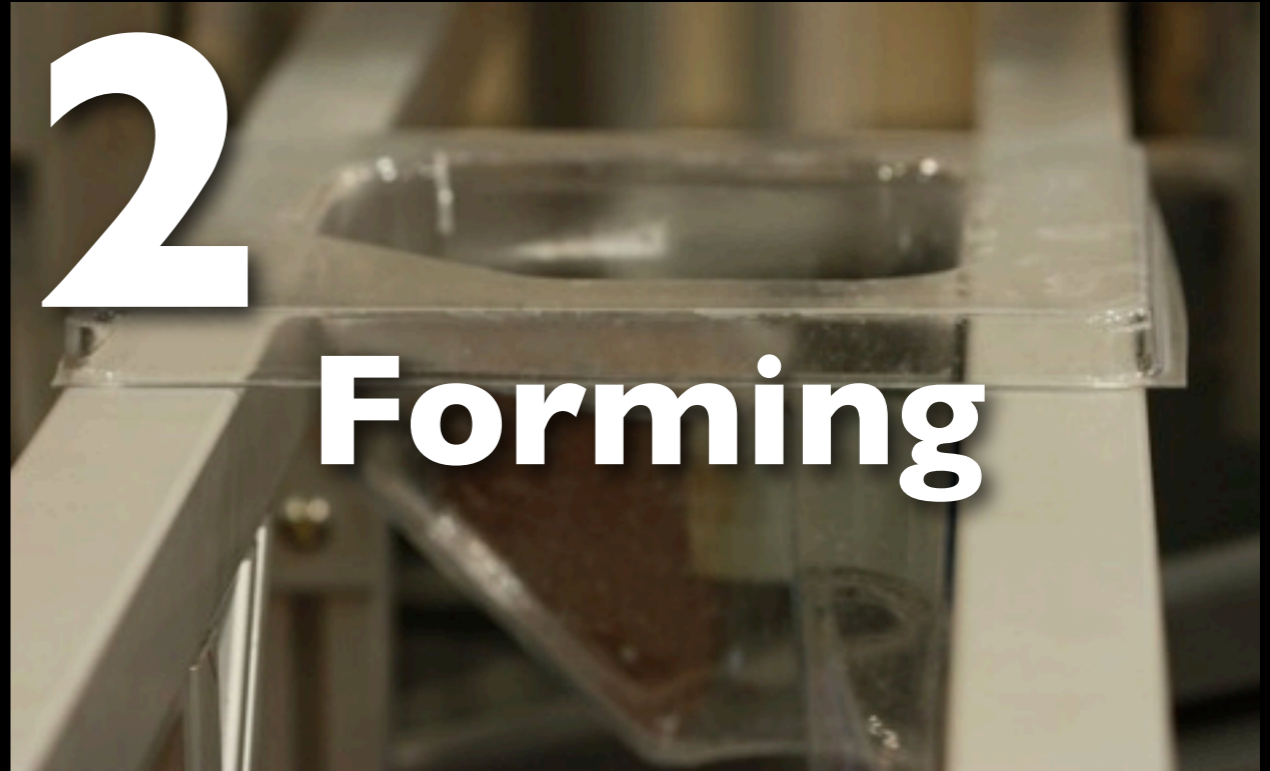
1

**Feedstock**



2

**Forming**



3

**Growing**



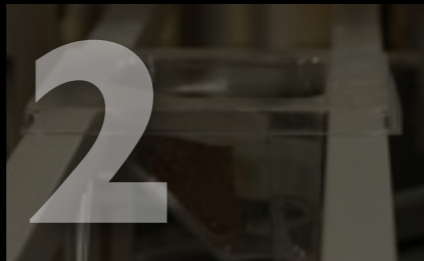
4

**Drying**

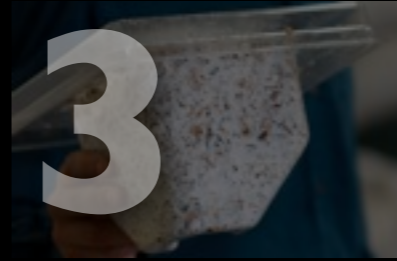




1



2



3



4

## WHERE OUR FEEDSTOCKS COMES FROM



**hazelnut**

OR, WA



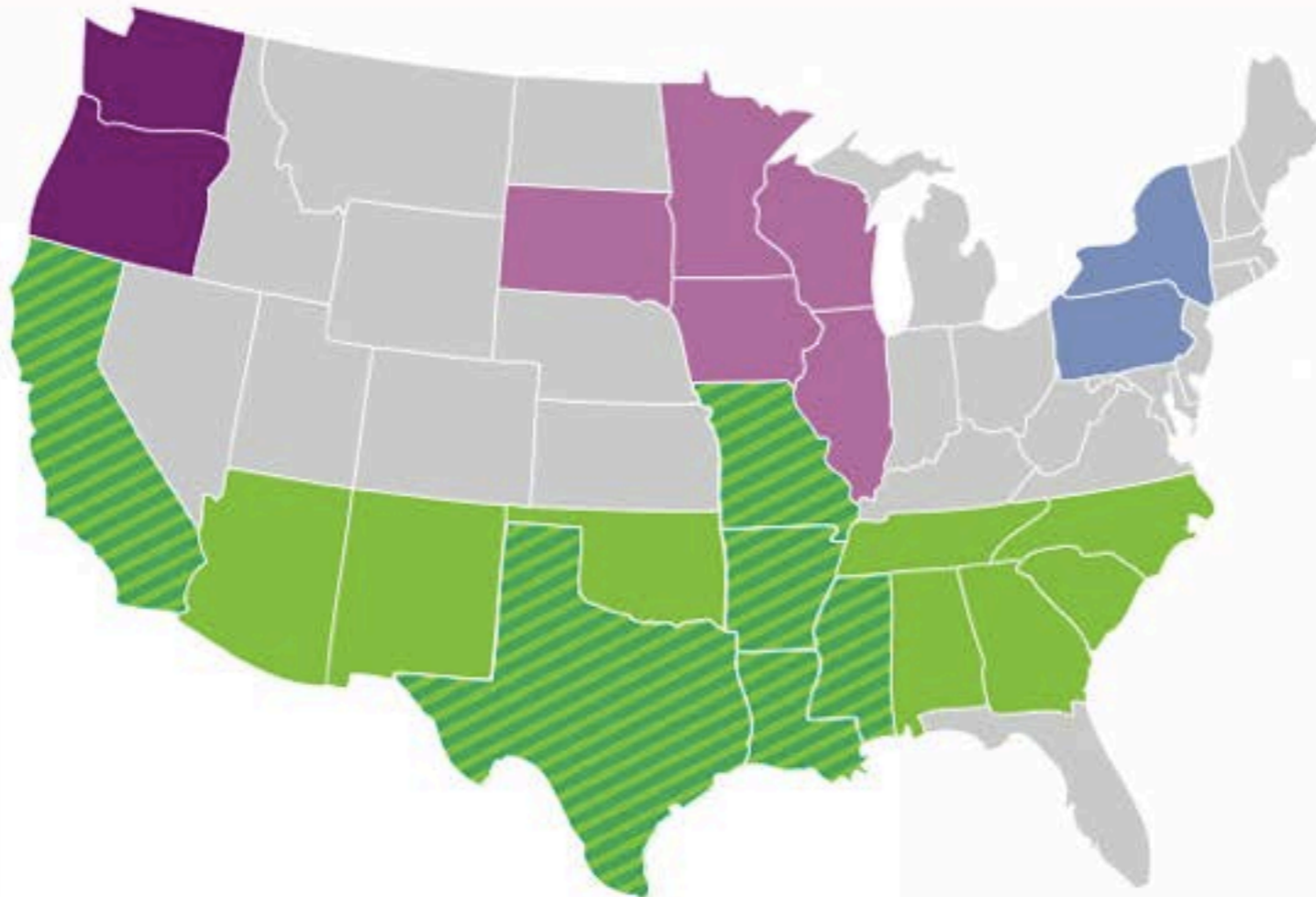
**oats**

IA, IL, MN, SD, WI



**buckwheat**

NY, PA



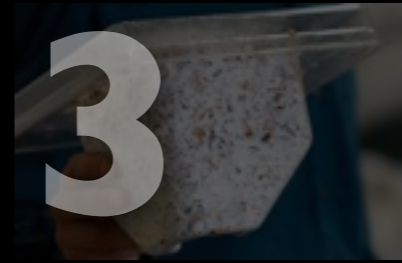
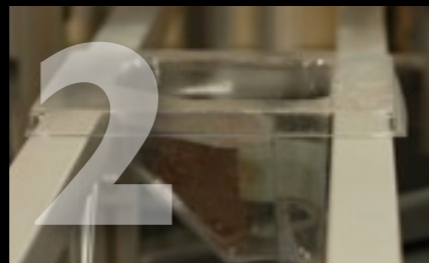
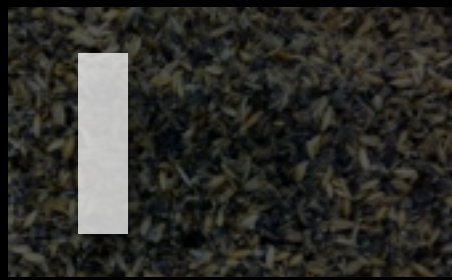
**cotton**

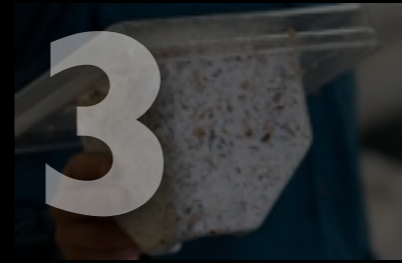
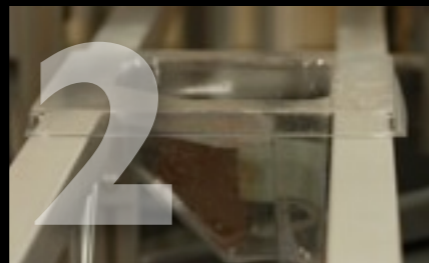
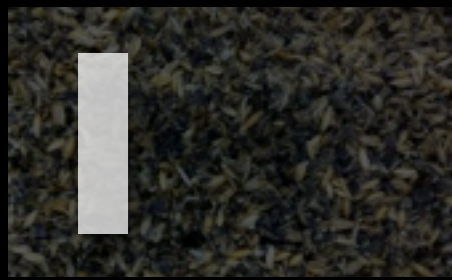
AL, AR, AZ, CA, GA, LA, MS, MO, NM, NC, OK, SC, TN, TX

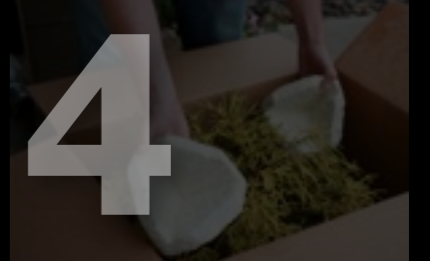
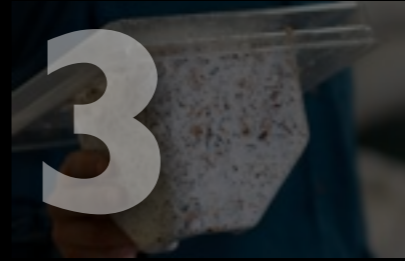
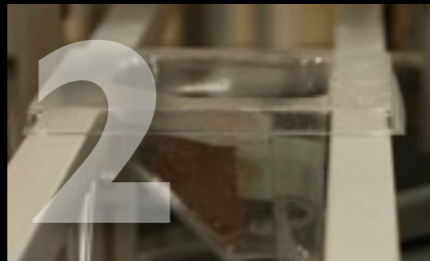
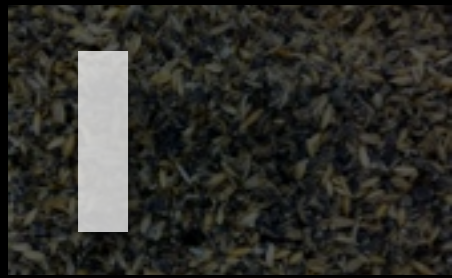


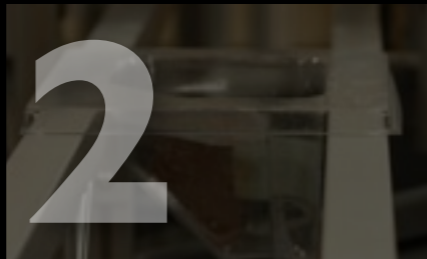
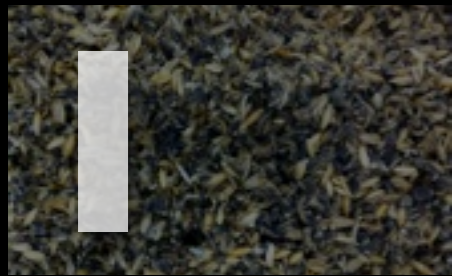
**rice**

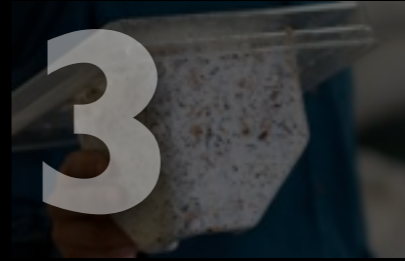
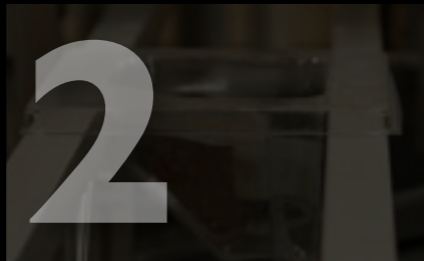
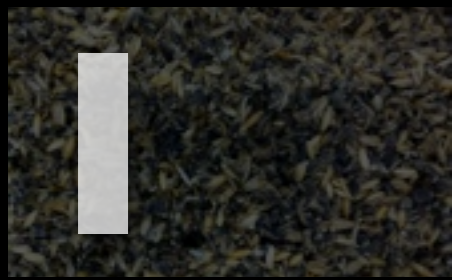
AR, CA, LA, MO, MS, TX

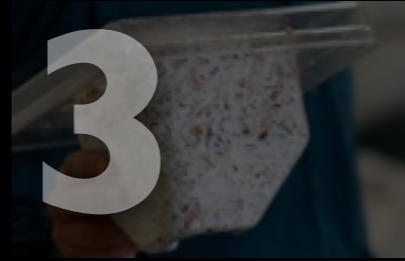
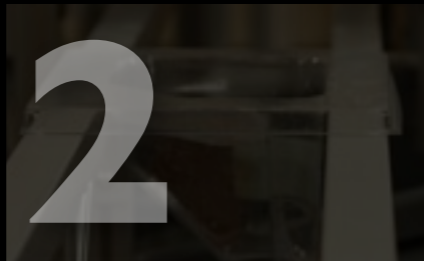
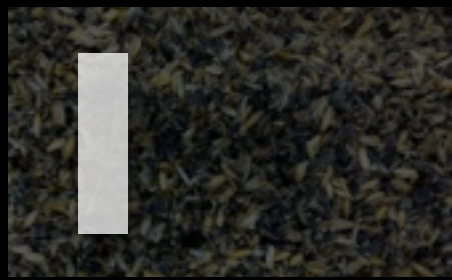


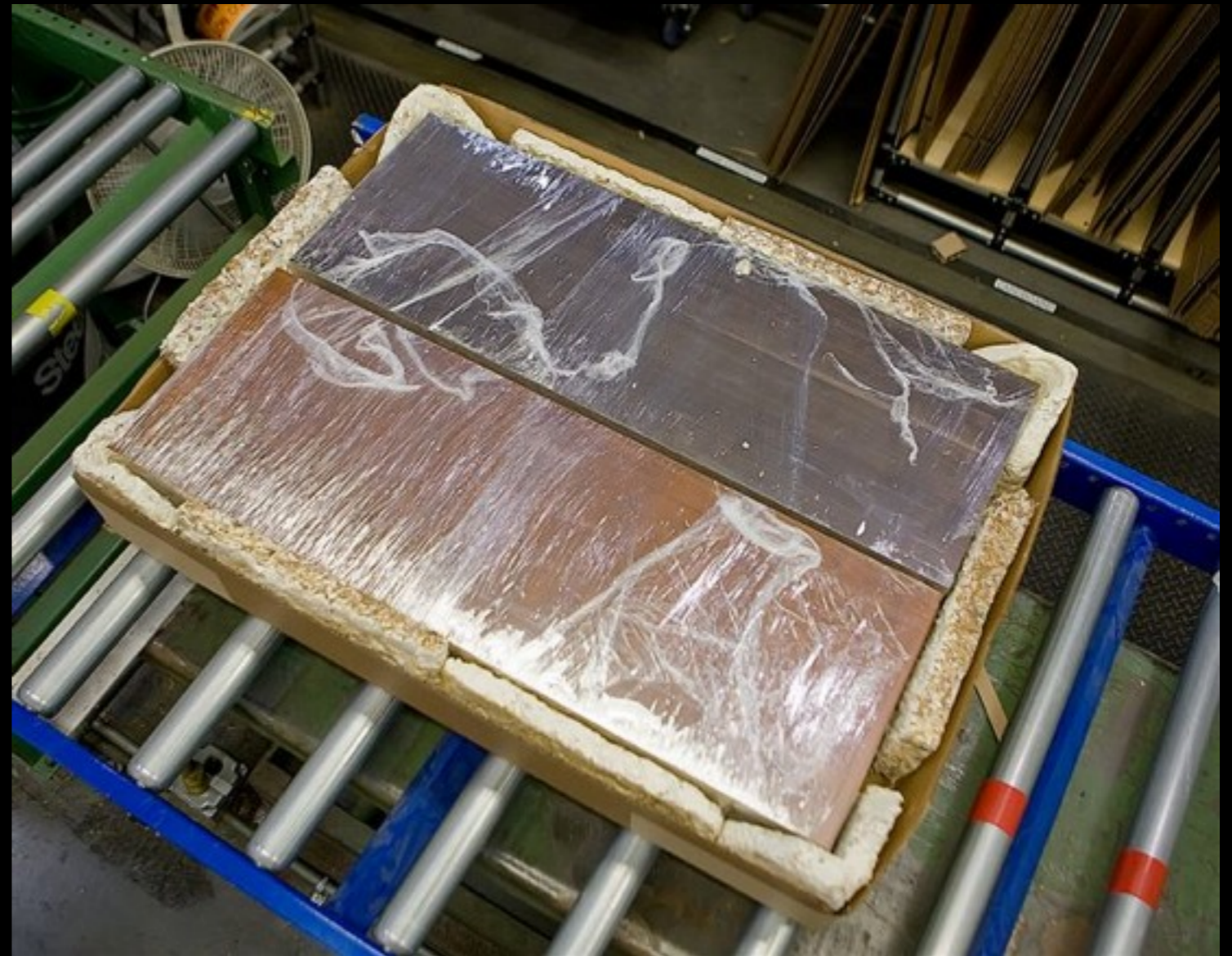
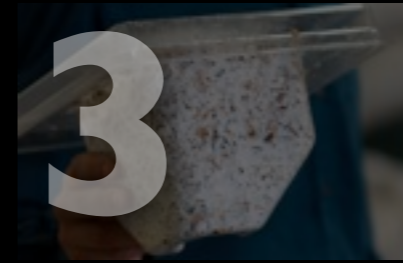
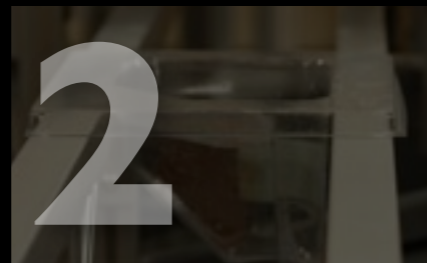




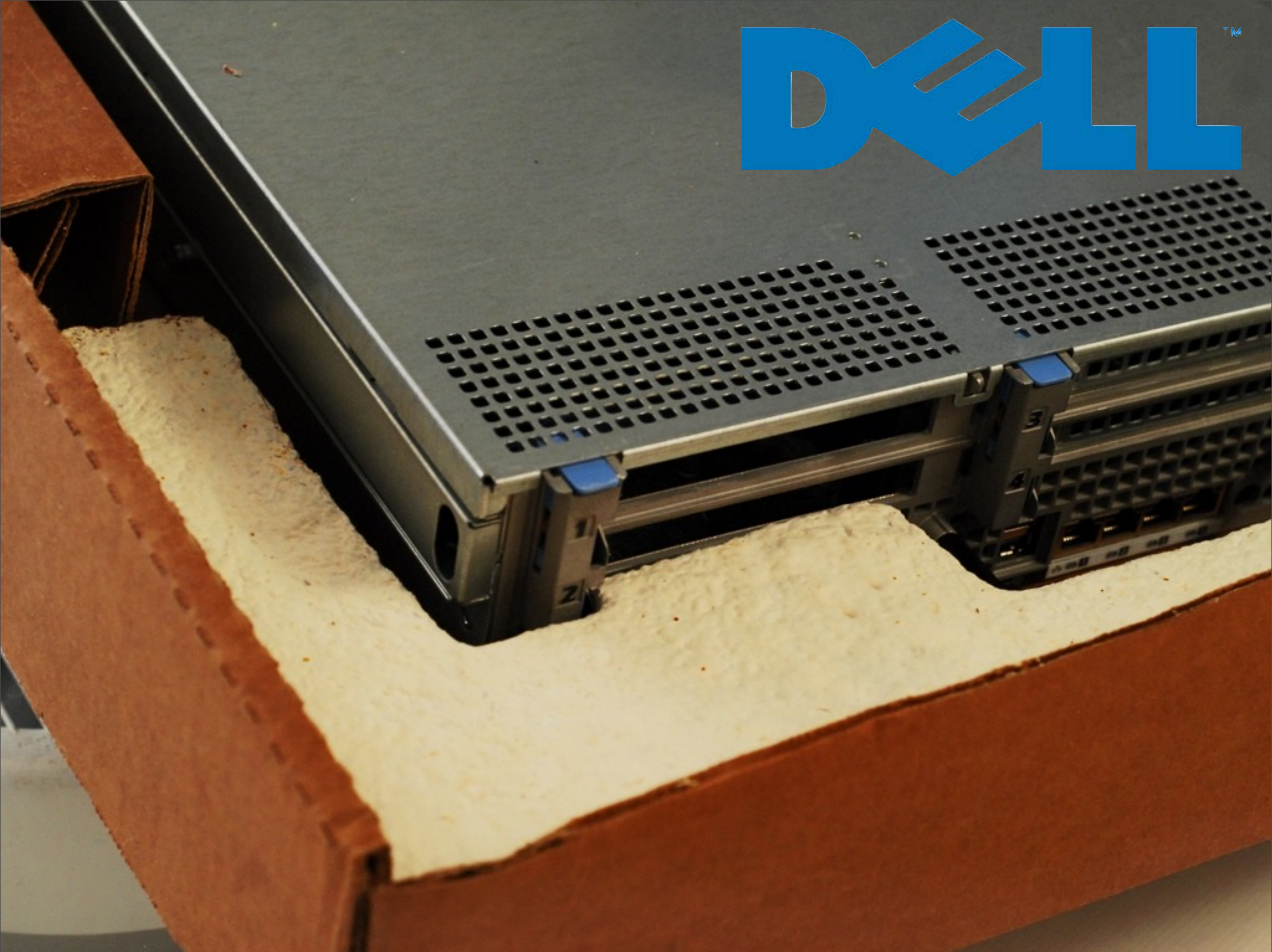








DELL<sup>TM</sup>





**PUMA**® 



Floral Foam



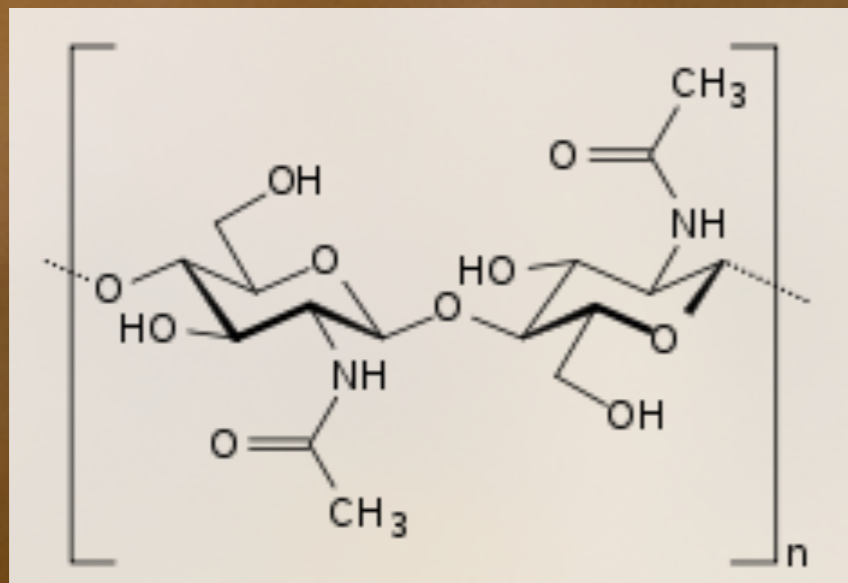
Construction

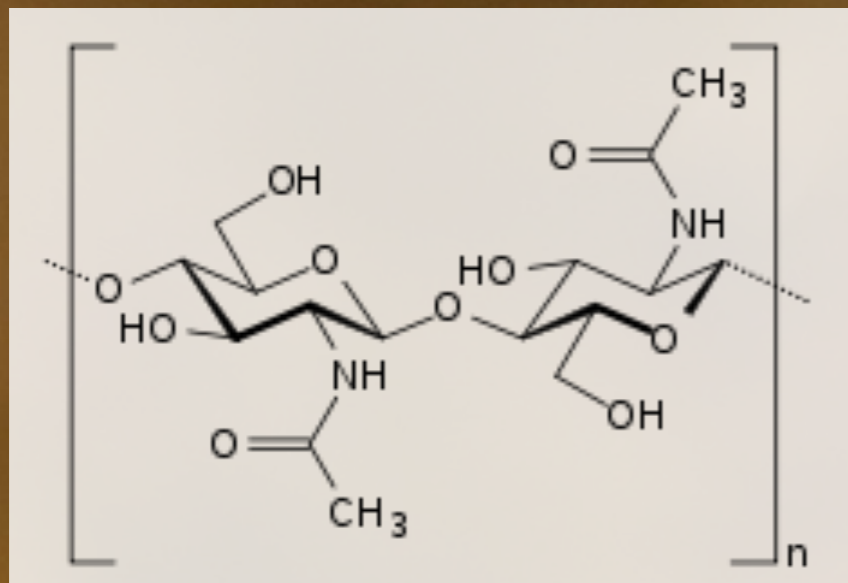


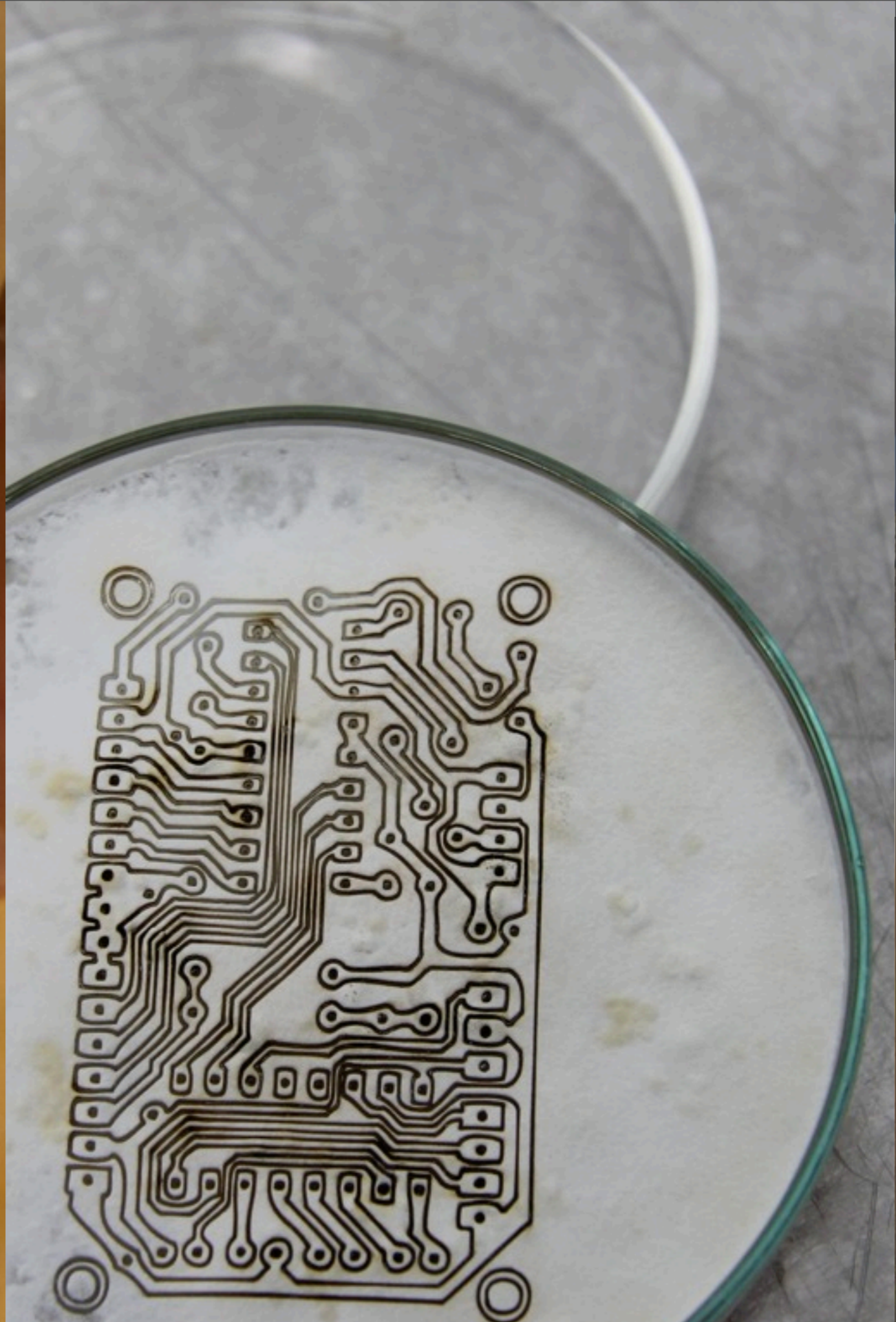
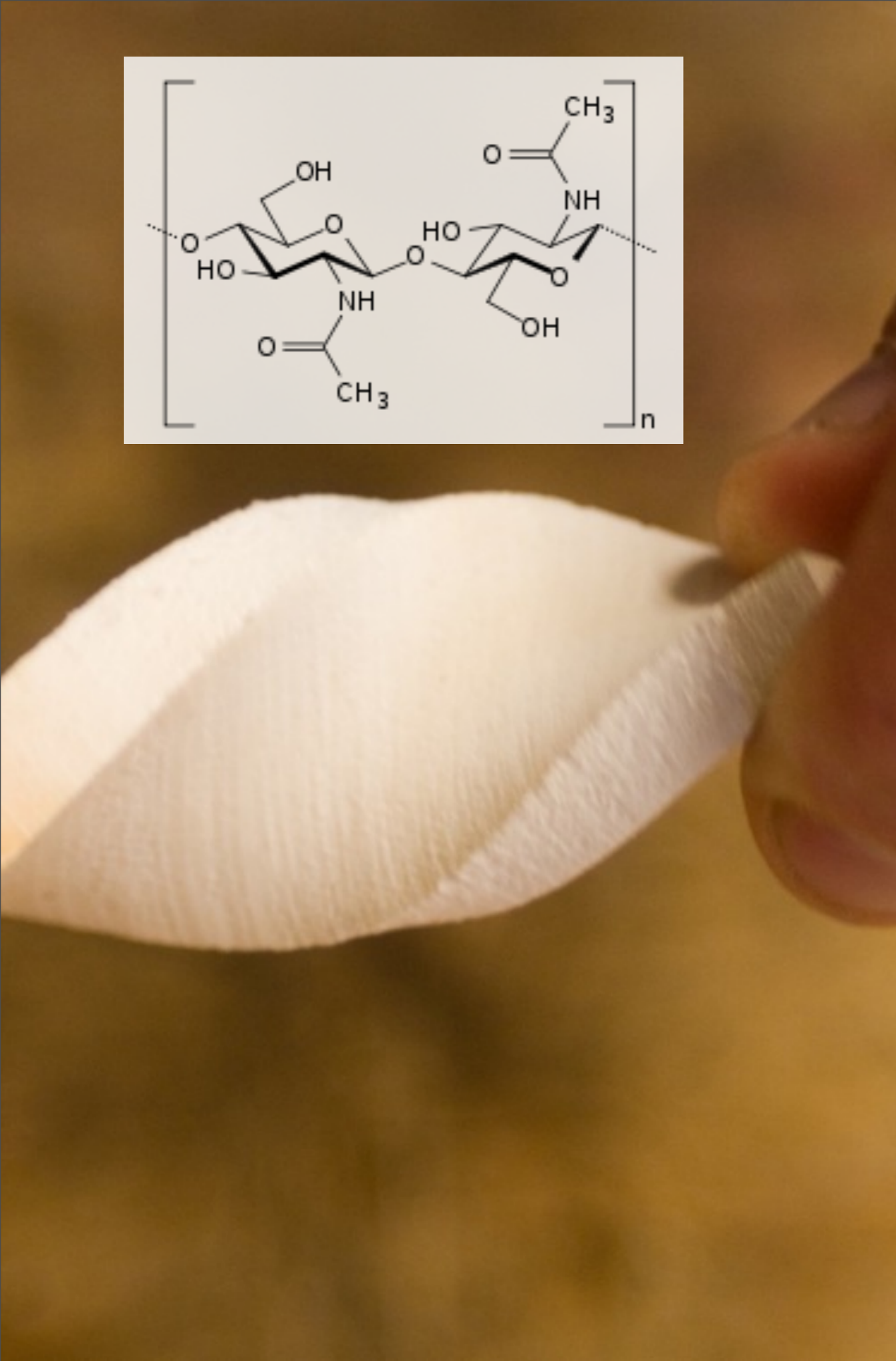
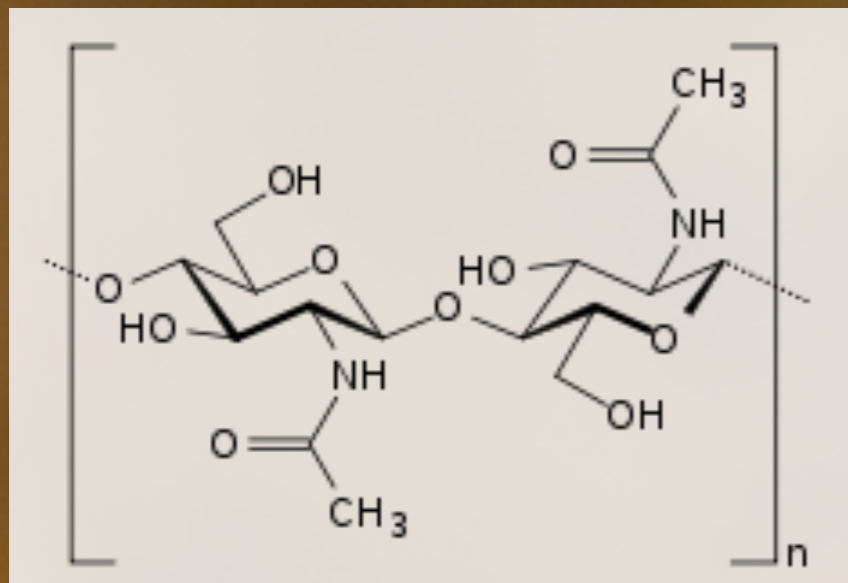
Shoe Soles



Furniture









WORLD ECONOMIC FORUM



Technology  
Pioneers

**2011**



**RIO+20**

United Nations  
Conference on  
Sustainable  
Development

