



# Hemp industry

A reintroduction of a sustainable cash crop which could revolutionize many modern industries.





*Hemp mill workers with fiber, 1930*

## Background

Hemp is one of the earliest cultivated plants known with a history dating back to over 8000 years. Hemp fiber was used extensively in China to make clothes, rope, footwear, paper and food.

# Today Hemp is making it's reintroduction



The demand for natural products has grown in developed countries alongside ecological agriculture initiatives. This cumulates in farmers searching for viable alternative crops that can be used in combination with crops for rotational purposes.

## We can build airplanes, ships, homes and cars from hemp

Hemp is receiving more and more attention, especially in the automotive industry, because of light weight hemp fiber applications. Hemp is becoming more known and better accepted possibly due to the processors efforts to familiarize people with hemp, the support previously provided by the European Union and hemp's sustainable character. The demand for organic products is increasing and organic farming is heavily encouraged in the new EU Greening policy.



*The Krestel, car from Canada totally made from hemp. Source: Walia, A. (2013) retrieved June 12, 2014*

# And many other markets are using hemp

Today Hemp is a niche crop, cultivated on 10,000 to 15,000 ha in the European Union. Because of its unique properties, particularly its environmental benefits and the high yield of natural technical fibers, hemp is a valuable crop for the bio-based economy.

Figure 1: Hemp Cultivation Area in the EU 1993 - 2012, Source: EU Commission 2012 – data for 2012 estimation only

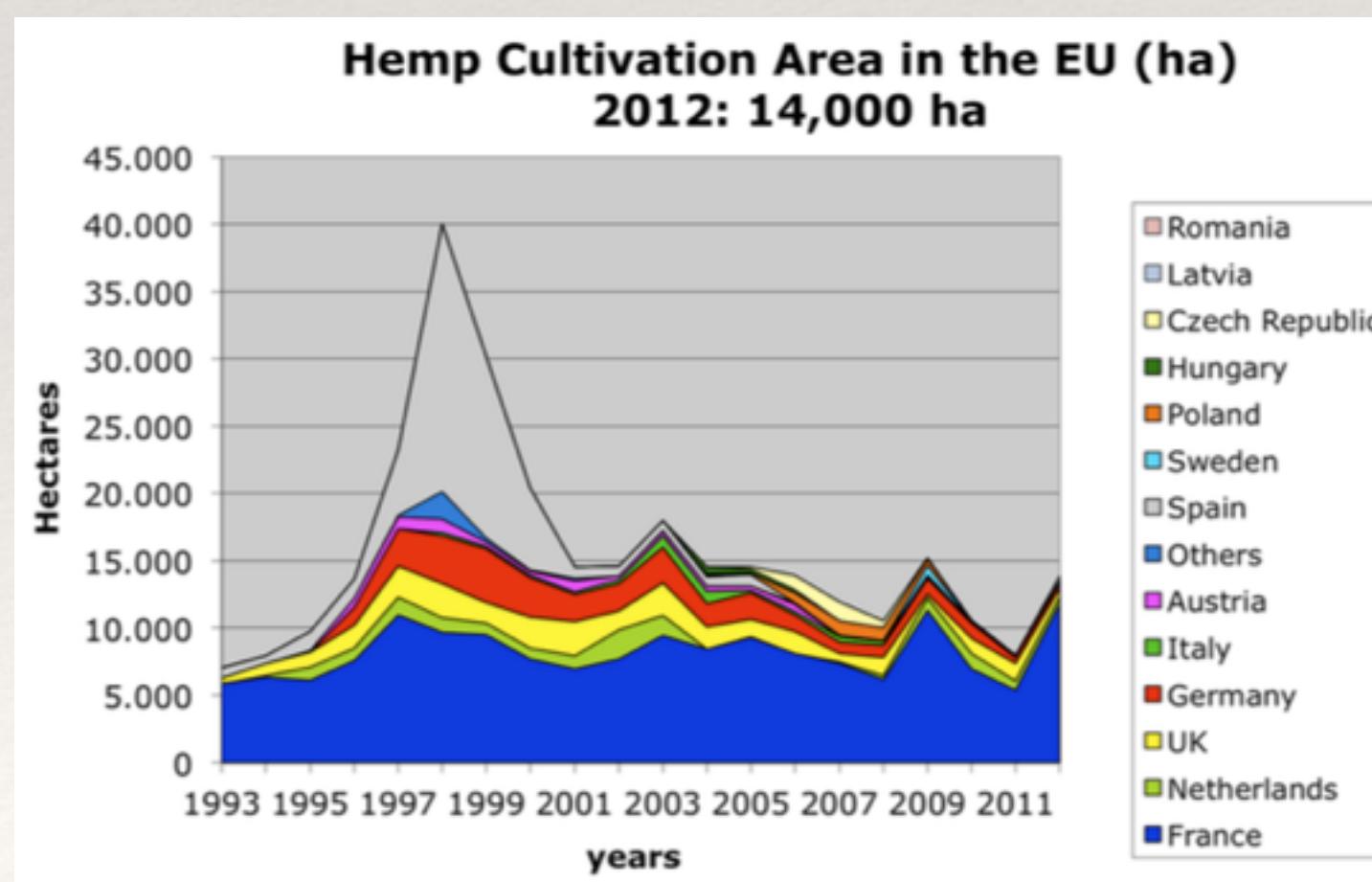
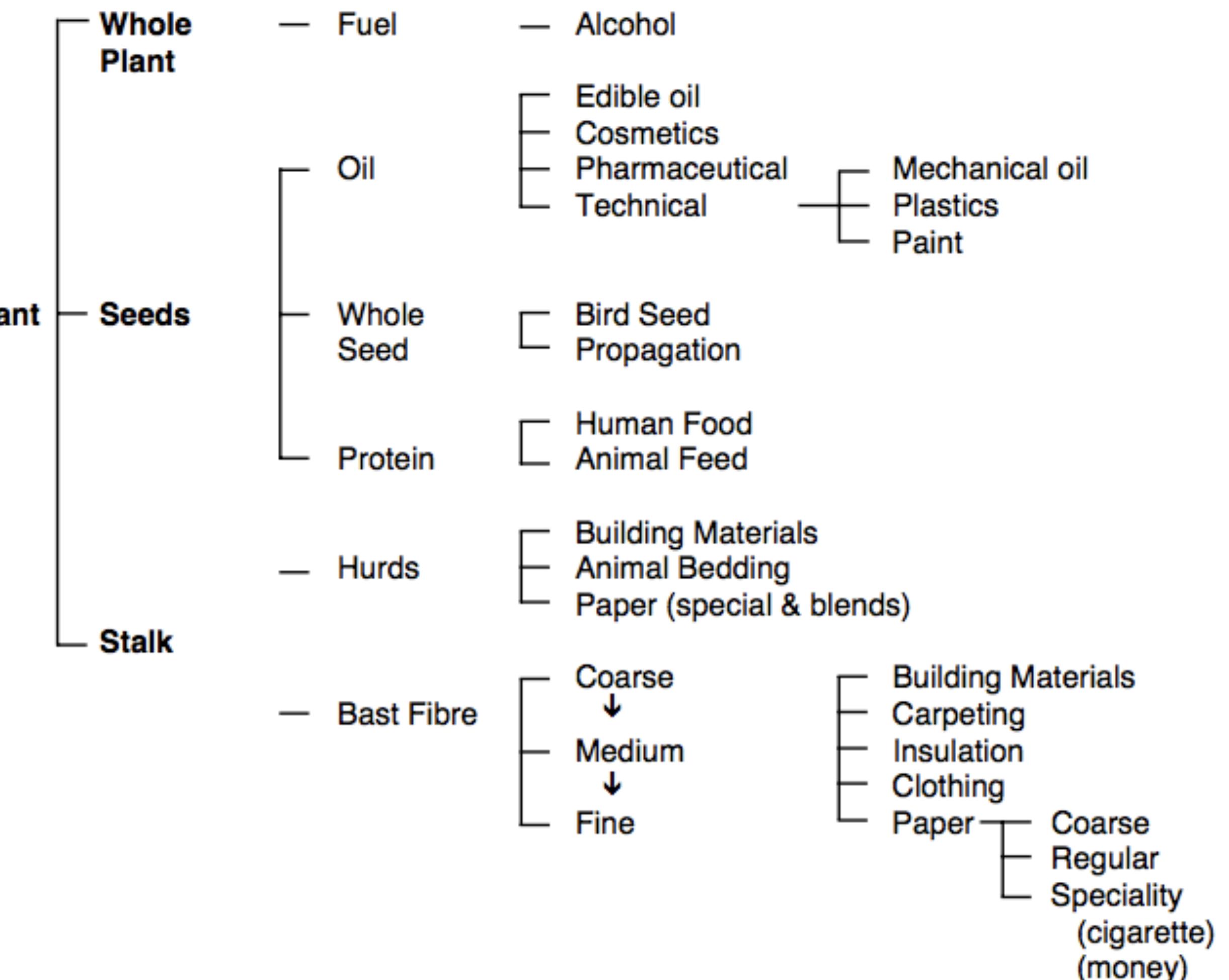
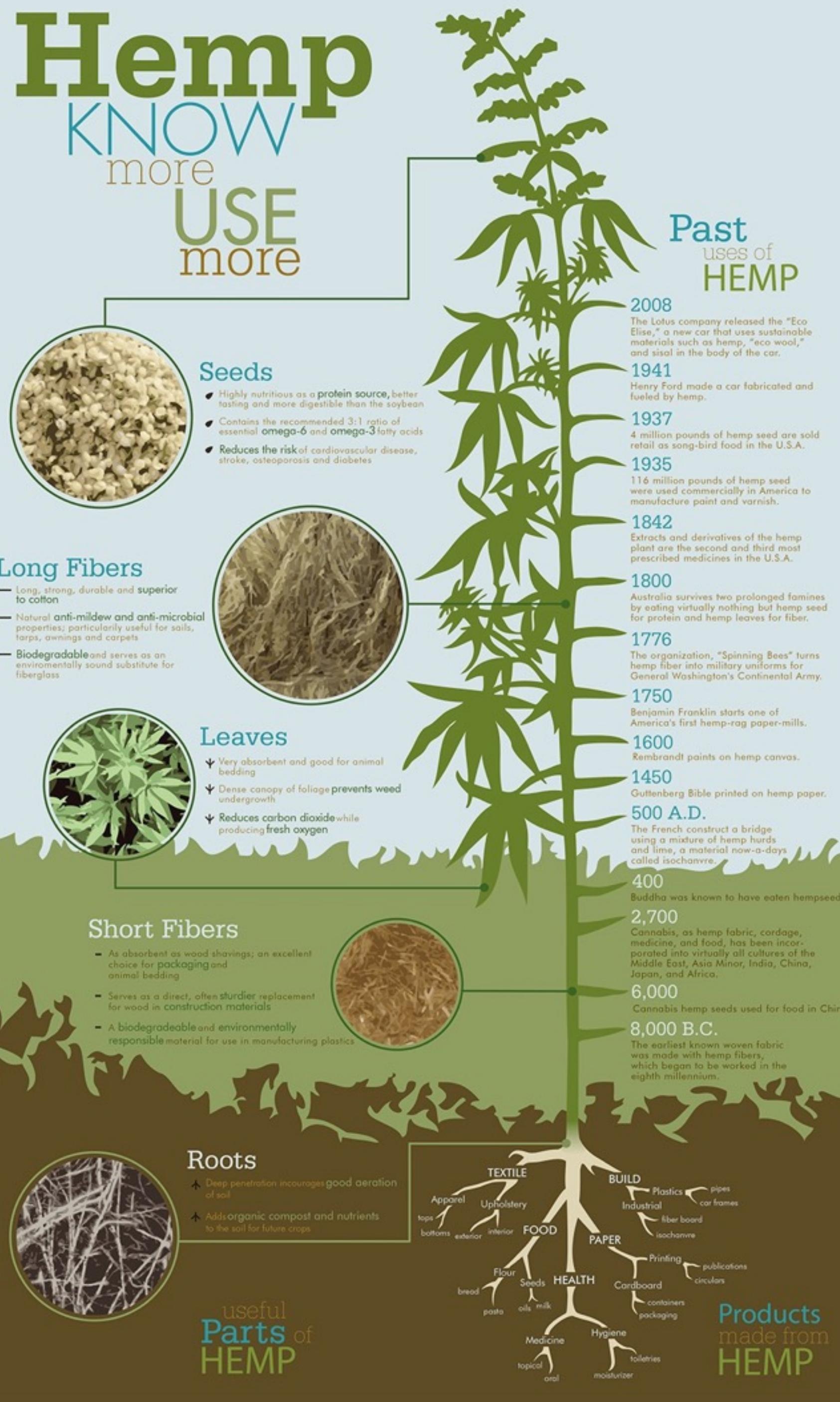


Table II Product Flow Chart



# Hemp

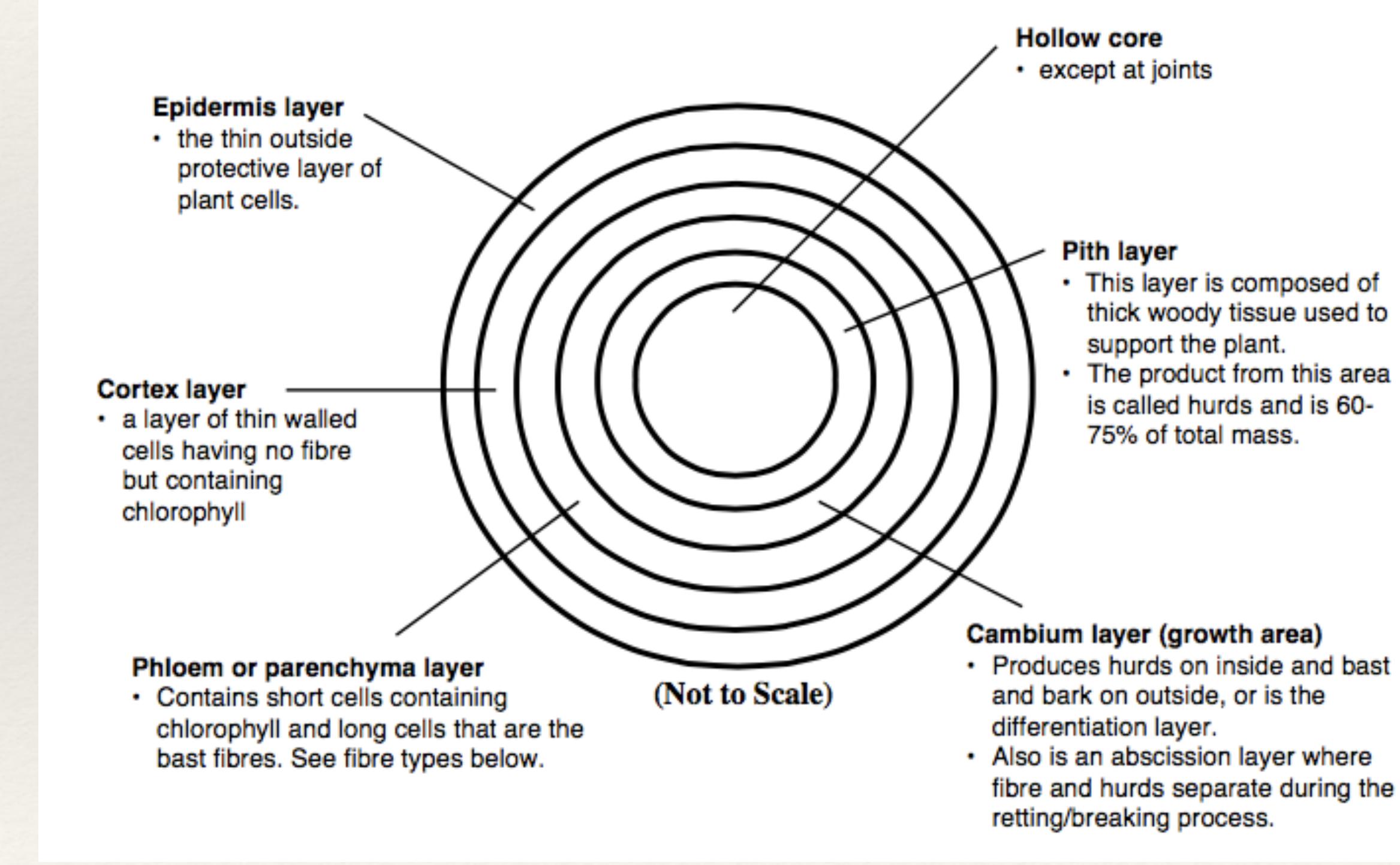
KNOW more  
USE more



## This is hemp

Hemp is an annual growing up to 5m in height (16 ft). It is one of the most efficient plants known for its ability to utilize sunlight to photosynthesize.

**Figure 1 The Hemp Stem (Cross Section)**





## Who are we

Hempdustry is a startup company operating from & in Portugal focussing on:

---

- 1.Commercially cultivating hemp
- 2.Processing hemp
- 3.Building with hemp wood (normally considered as by product)
- 4.Selling all other raw hemp material to the different industries

# This is what we intent to build with our hemp wood

By growing one hectare of hemp we estimated we can build one of our designed prefab hemp homes, we call them 'Eco arch' and so far people love them.





So we seek private investors and we believe it's interesting to invest in Hempdustry because:

1. Hemp is gaining market share
2. It's a relative easy crop to grow
3. It's applications are endless
4. With our hemp wood we build sustainable homes
5. All other raw hemp materials we sell
6. There is EU funding support to grow hemp
7. Portugal is new to this market
8. Labor is relative cheap in Portugal
9. Our 'Eco Arch' appeals to the sustainable trend
10. 'Eco Arch' is an efficient product to mass produce. We could also effectively build them as an emergency shelter to all corners of the world in need making it an social tool.

# Thank you for your attention

If you have any questions, we are happy to answer them