



# BIO ECONOMY IN THE HEMP SECTOR.

Industrial hemp cultivation is growing worldwide, due to numerous possible applications of the seeds and stems. In addition, **industrial hemp and has positive environmental impact on crop rotation, biodiversity and climate** due high productivity and yet low fertilizer and pesticide needs.

## Is Industrial hemp and Cannabis **the same crop?**

**Yes and no.** Two distinct varieties of the same plant for very different purpose.



### INDUSTRIAL HEMP

Low THC (<0.3%)  
Non-psychoactive  
Open field crop  
Clothing, body care

### CANNABIS

High THC (5-35%)  
Psychoactive  
Controlled (greenhouse) environment  
Medical & recreational uses

## Example of a business model in the bioeconomy: Moellerup Brands

Moellerup Brands is a co-ownership of the Gamburg family and the coop Danish Agro, the core of a business model ecosystem



Moellerup Brands cultivates and manufactures seeds and stems for numerous products



Seeds for food is the most important - oil, roasted seeds, fibers and hemp protein flour in cooperation with other businesses



Hemp stems is shredded and manufactured into non-vowed insulation batts or compressed into tables and chairs



Established in 2015

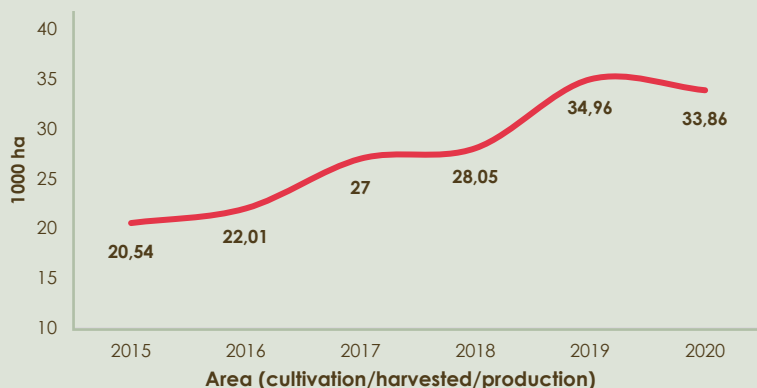
Family-owned business



## The role of hemp in the EU Bioeconomy

### EU land area used for hemp cultivation

source: Eurostat



Hemp cultivation is growing so fast since

**2013**

In 2018,

**50,081**

ha were dedicated to industrial hemp in Europe

This is **+70 %** compared to the 5-previous years average, and **+614 %** compared to 1993.

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COOPID EU Project



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Infographic prepared by **innovarum**

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