



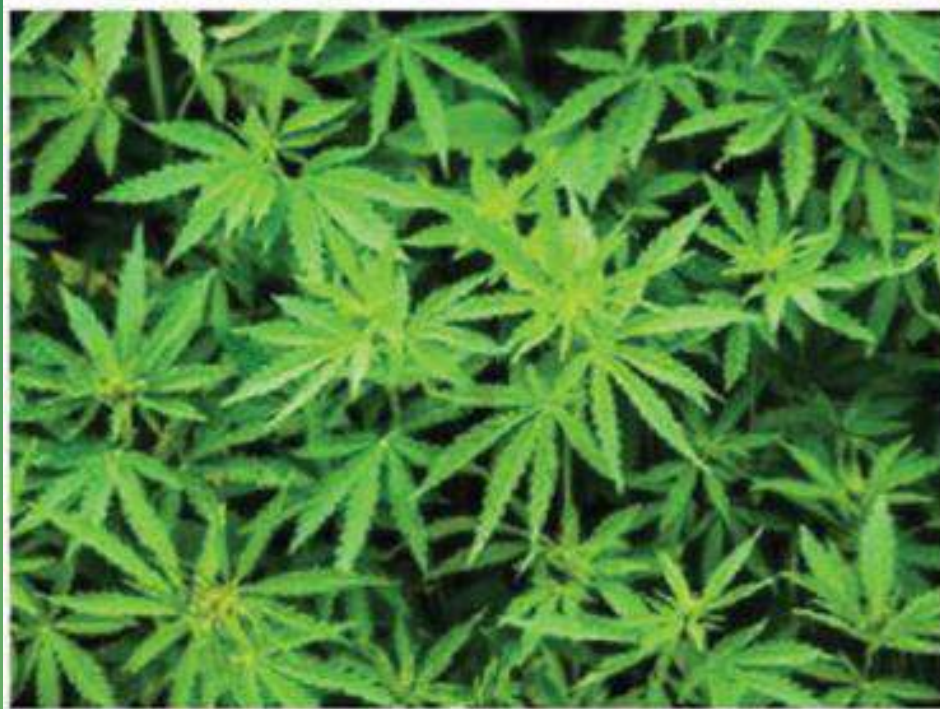
Our future is  
growing



**CSIR**  
Touching lives through innovation



# Industrial Hemp Fibre





# Cannabis vs Industrial Hemp

## Cannabis



## Industrial Hemp



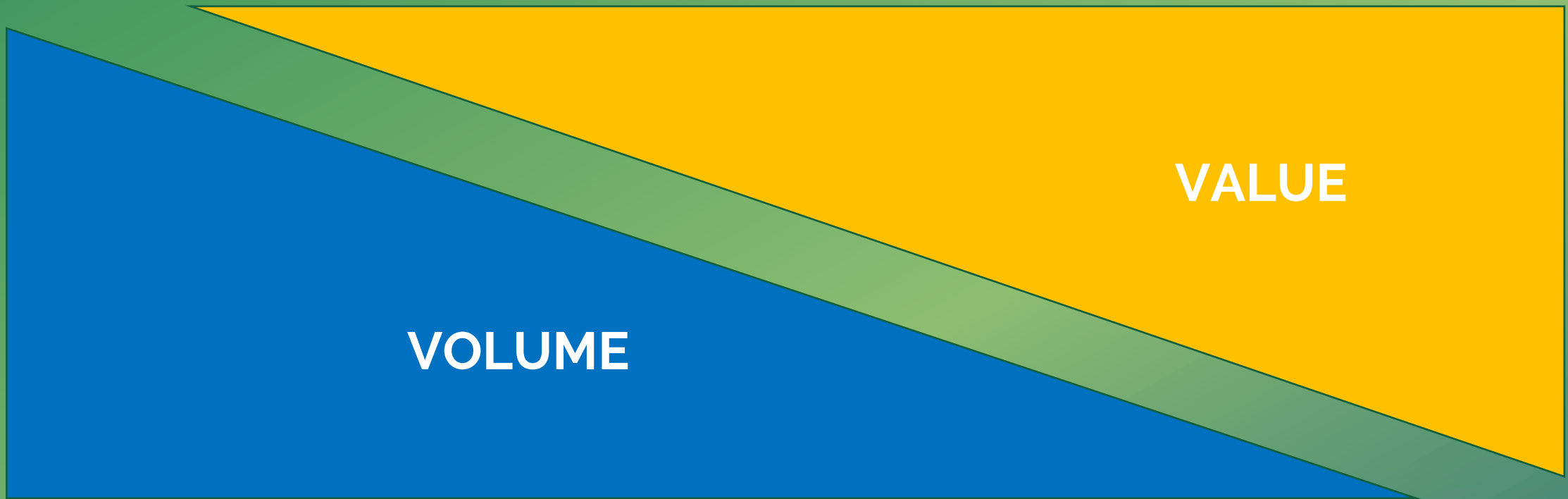
**< 0,3% THC**



# Industrial Hemp - Value vs Volume “Balance”

**Construction Sector**

**Automotive Sector**







## Relative prices for downstream hemp products in South Africa Rand/kg (2015)

PRODUCT	PRICE
Stalk fibre	9.00
Stalk hurd	6.00
Oil	100.00
Seedcake	50.00
Dehulled seeds	115.00

Source: Coogan (2016)



# Industrial\_Hemp in SA

- E.Cape Industrial Hemp Programme
- 20 Hemp cultivation permits x 50 Ha = 1000 Ha
- 3500 Ha permitted land
- Budget seed for 1 Ha for 47 farmers
- E.Cape Hemp Producers Association (WSU Collaboration)
- Hemporium
- Labat
- HealthCann
- HempVest Africa
- House of Hemp.....







# CANNABIS

## IN THE EASTERN CAPE

A policy discussion document



# Industrial Hemp Creating Jobs (TIPS report)

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On the farm: crop planting, crop maintenance and harvesting (twice a year).

Auxiliary services and support service, agro-processing and transport.

12% of jobs are in agriculture

16% in manufacturing

15% in management and administration.

International studies - As there is no industry in South Africa it is hard to estimate actual numbers but harvesting is labour intensive.



# Polish Hemp Program - Seeds

*Białobrzeskie*



GRAIN  
STRAW  
HURDS  
FIBRE  
CBD



READ MORE



*Henola*



GRAIN  
STRAW  
HURDS  
FIBRE  
CBD



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*Tygra*



GRAIN  
STRAW  
HURDS  
FIBRE  
CBD



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*Rajan*



GRAIN  
STRAW  
HURDS  
FIBRE  
CBD



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# The Natural Fibre Hub

Farm

Factory

Finished Product

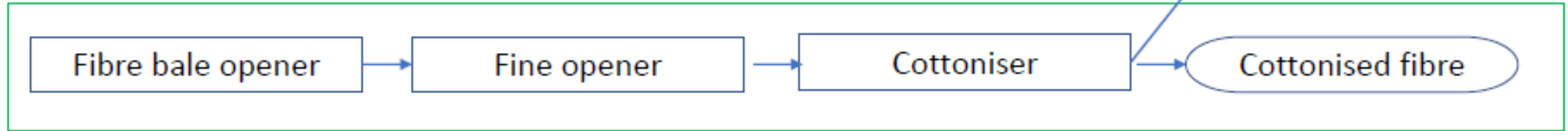


## MAKING IT A REALITY

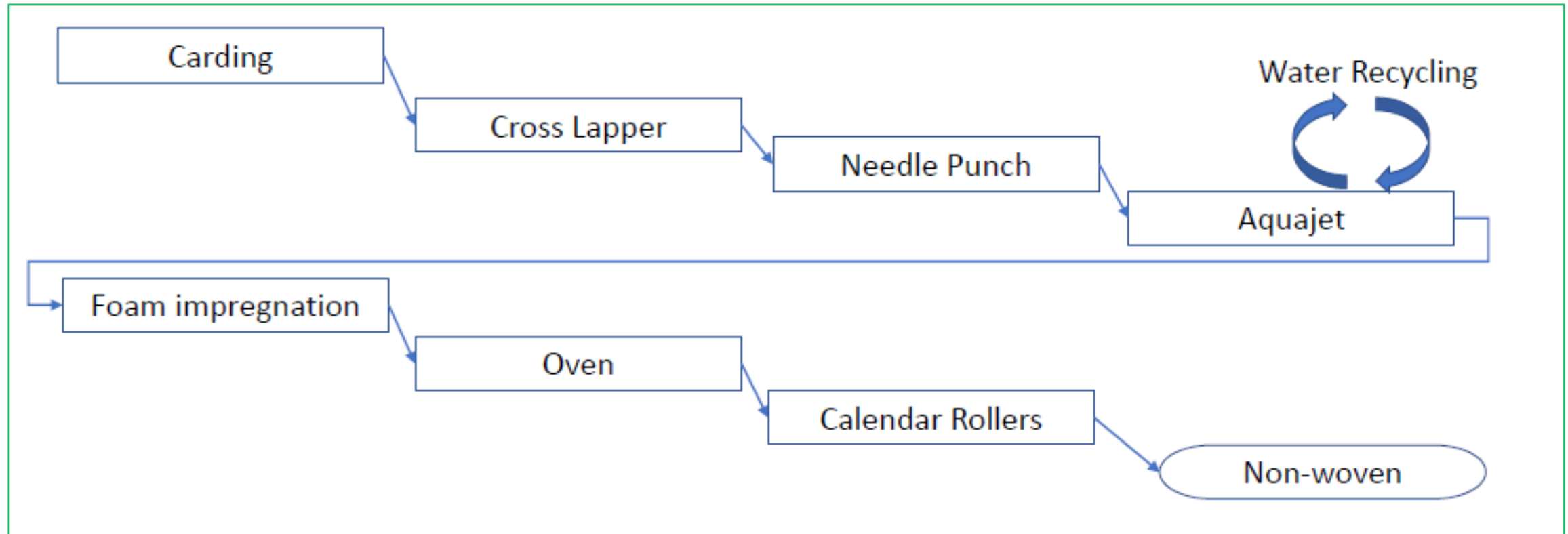


## The Natural Fibre Hub –Work Flow

### Temafa Line



### Nonwoven Line















# Working together



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