


# HEMP4CIRCULARITY

Presentation of the project  
17th May 2023

**Interreg**   
North-West Europe  
**Hemp4Circularity**  
European Regional Development Fund



# HEMP4CIRCULARITY



## The aim of the project

Hemp as a driver of circularity in the textile industry : from field to recycled fibre

Fits in **Program Priority** « Transition towards a place-based circular economy »

**Specific objective** : Promoting the transition to a circular and resource efficient economy

## Key figures

- NWE Interreg
- Duration : 2023 - 2026
- Total budget : 3.811.323,42 €
- ERDF : 2.286.794,01€

## The partners

### BE

Valbiom (Lead)      Hyler  
HoGent              Libeco  
Inagro

### FR

The Alliance for      Safilin  
Flax-Linen & Hemp  
Lin et Chanvre Bio

### NL

Delphy              Van de Bilt

### DE

Natuvalis

## The associated partners

### European

EIHA (Valbiom)  
ETP (HoGent)

### FR

Bioeconomy4change  
(Valbiom)

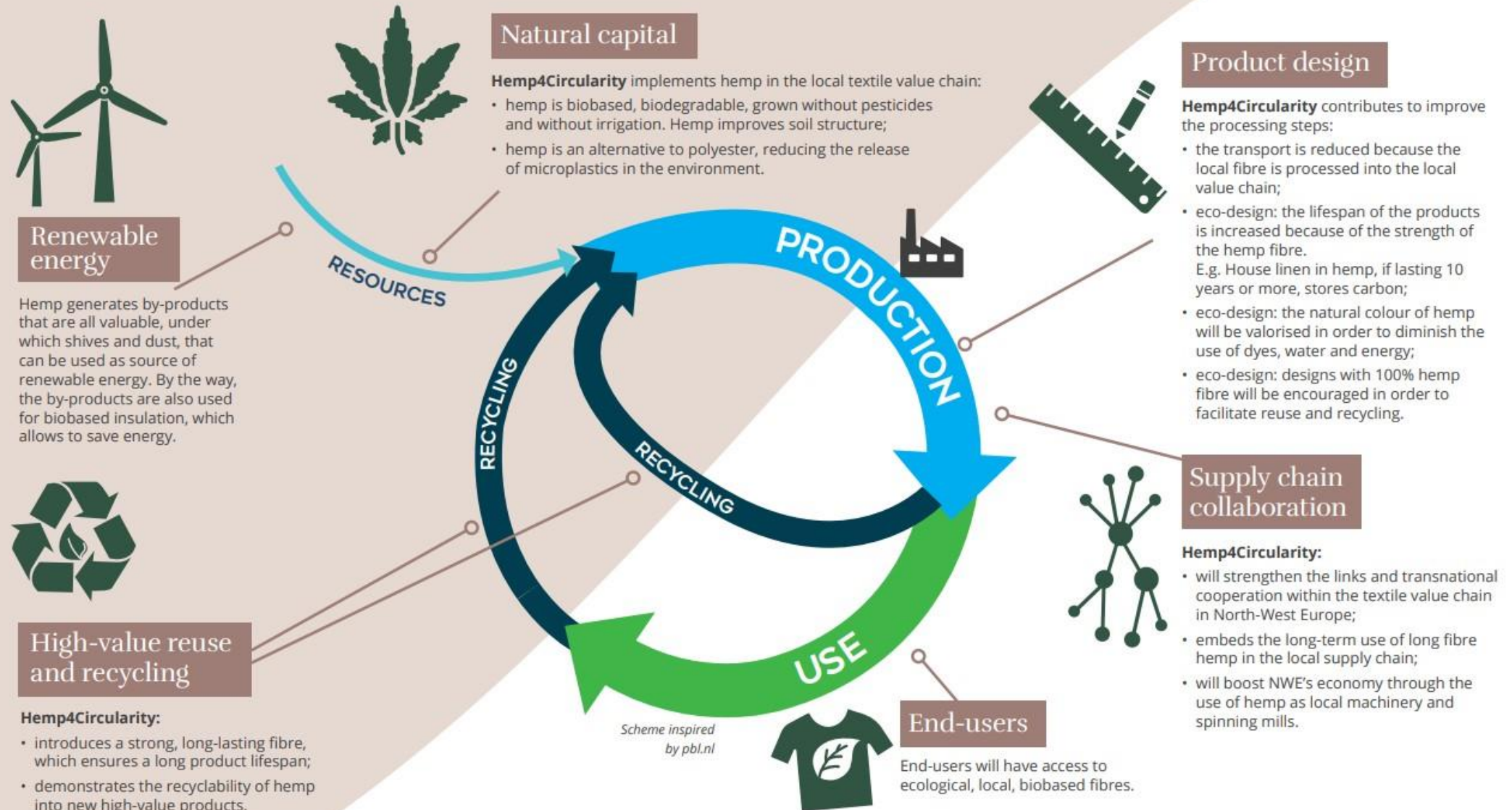
### DE

BAFA (HoGent)  
Hempage

## Main points

- The objective is to lay out a circular value chain of hemp as a high-value textile material rooted in the NWEs flax processing industry.
- We will integrate and match all actors throughout the value chain and raise awareness among designers and consumers about hemp textile
- To do so, we will set up pilot actions, trainings, recycling solutions and eco-designed prototypes
- All stages of the production and processing have to be optimized

# CIRCULAR ECONOMY WITHIN HEMP4CIRCULARITY





# Work package 1 :

## Pilot action to implement hemp for textile via good cultivation & scutching practices in NWE



Cultivating and scutching pilot actions lead to the implementation of cultivation, harvesting and extraction of long hemp fibre suitable for textiles by farmers, contractors and scutchers in the NWE region



# Work package 2 : from hackled fibre to recycled yarn

The spinning, weaving, knitting, finishing and recycling of long fibre hemp will be improved. Demonstrations will be organized in real conditions. Samples will be given to all the actors of the value chain, incl. students. The project will raise awareness amongst and try to convince the actors of the value-chain and the end-consumers via workshops, fairs...



# Work package 3 : Jointly developed trainings

## The training session for farmers

### YEAR 1

A **visit** of the field (June)  
An **online/on site session** about  
**itinerary**

### YEAR 2

A visit when harvesting (August)  
A **online/on site session** about  
**harvesting**

### YEAR 3

A visit when retting (August)  
A **online/on site session** about  
**retting specificities**

60 growers  
participating,  
40 attending  
the 3 sessions

### Each year

- List of attendees
- Itinerary crop
- Feedback
- Presentation



# Work package 3 : Jointly developed trainings

## The training session for contractors for the harvesting machine

### YEAR 1

Theoretical explanation  
A training on the field

### YEAR 2

Theoretical explanation  
A training on the field

### YEAR 3

Theoretical explanation  
A training on the field

8 contractors  
participating, 8  
Attending the 3  
sessions

### Each year

- List of attendees
- Report of training session
- Feedback/written advice

# Work package 3 : Jointly developed trainings

## The training session for contractors/farmers about data collecting

### YEAR 1

A training about data collecting and treatment

### YEAR 2

A training about data collecting and treatment

### YEAR 3

A training about data collecting and treatment

8 contractors  
participating, 6  
attending the 3  
sessions

### Each year

- List of attendees
- Report of training session
- Feedback/written advice



# Work package 3 : Jointly developed trainings

## The training session for designers and brands : The ambassadors of hemp textile

### YEAR 3

1-year session

At least one visit

5 online sessions :

- 1) Hemp cultivation
- 2) Processing and recycling
- 3) Ecological aspects
- 4) General context (embedded in the project and in the circular economy)
- 5) Legislation

### Deliverable end of year 3

- List of attendees
- Report of training sessions
- Record of the online sessions
- Feedback

40 participants,  
20 attending  
the whole  
session



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Thank you for your attention

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