



Session 1 NMPB



Functional hemp textiles from fibres with increased inherent bioactivity

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CE-FNR-14-2020: Innovative textiles – reinventing fashion

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OR



Functional hemp textiles from fibres with increased inherent bioactivity including recycling and designing textiles from recycled raw materials

Objectives:

1. Improvement of industrial hemp fibres inherent bioactivity by applying special conditions for hemp cultivation
2. Fibres processing focused on fibres quality and bioactivity
3. Development of functional hemp textiles meeting requirements of targeted users groups
4. Designing of recycling and designing products from recycled materials including LCA



Expertise



INFMP wide expertise in hemp:

biotechnology, processing, functionalization, cultivation, multidirectional application

Projects:

- 7 FP: FIBRA
- BIOAKOD – Bioactive curing clothing based on natural fibers, No 177 463, Applied Research Programme of the National Centre for Research and Development
- Development of pro-healthy and curing textiles from blend of hemp flax and nettle – EU funds for National Research Operation Programme
- 7 FP EU - Natural Aligned Fibres and Textiles for Use in Structural Composite Applications, CP-TP 214467-2

Partners of consortium: stakeholders in hemp fibers processing, recycling, designing

Keywords: industrial hemp, hemp cultivation, fibres bioactivity, hemp processing, functional textiles, recycling



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