



FIBSUN

Novel fibre value chains & ecosystem services from sustainable feedstocks

Newsletter #1 | November 2023



Dear Reader,

Welcome to the inaugural newsletter of the FIBSUN project. Explore insights into our consortium, objectives, and ongoing as well as upcoming initiatives.

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About FIBSUN

To address the critical gap in developing processing methods for emerging biomass sources and their business models, FIBSUN focuses on optimizing five bio-based fiber value chains through real-world experiments in cultivation practices and industrial processes.

This approach aims to tap into the potential of sustainable value chains, redirect focus to cultivating degraded soils, and address environmental issues. The goal is to contribute to the future of rural bioeconomy and industrial competitiveness by prioritizing sustainability and consumer needs.

FIBSUN aims to enhance production systems and ecosystem services from degraded soils by fostering five sustainable fiber value chains. Objectives include:

1. Providing sustainable biomass for industrial biorefineries from abandoned or degraded land.
2. Improving the sustainability of processing methods for hemp, wood, thistle, cattail, and reed fibers for construction, automotive, and textile sectors.
3. Developing novel fiber substrates by refining piloted products based on user feedback.
4. Enhancing the EU bio-based sector's competitiveness through resource-efficient value chains.
5. Raising public awareness of the links between ecosystem services and use of natural resources.

To know more about the project visit www.fibsun.eu

Meet the FIBSUN consortium

The FIBSUN consortium unites six research organizations and eleven industry partners, spanning diverse value chains encompassing cultivation, biomass logistics, industrial processing, and financial management.



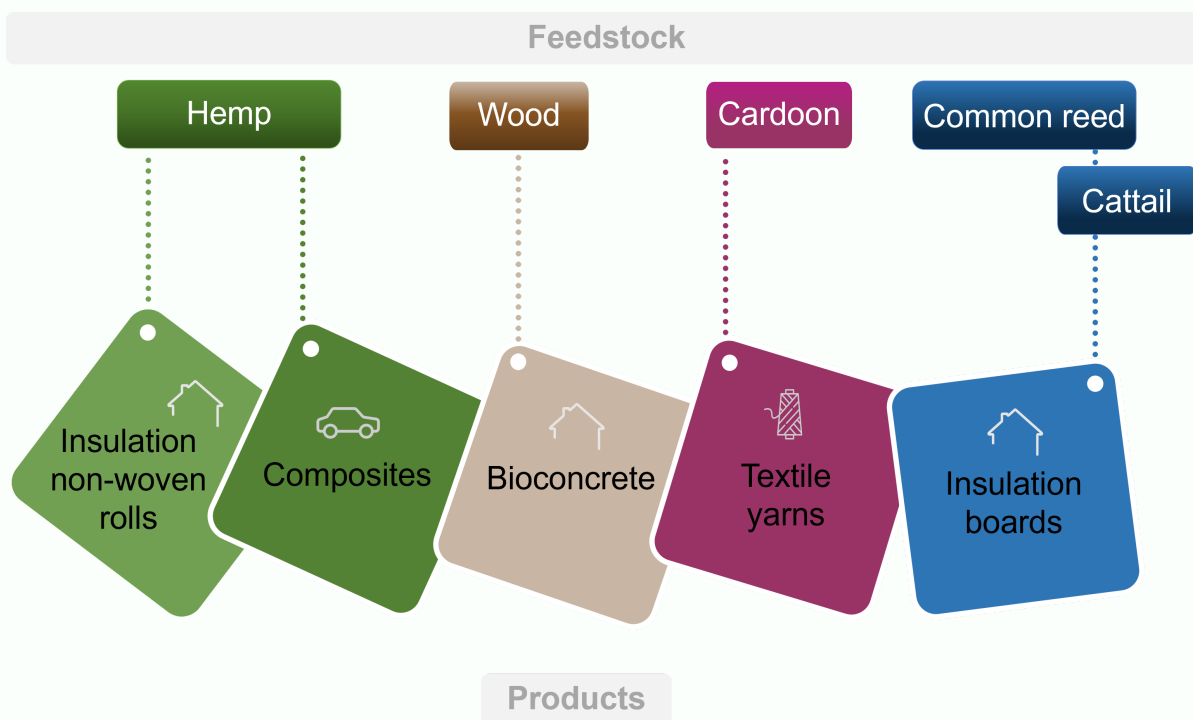
LUKE	Natural Resources Institute Finland	Finland
SRU	Radboud University	Netherlands
SLU	Swedish University of Agricultural Sciences	Sweden
SEZ	Steinbeis Innovation GmbH	Germany
F4S	Food4Sustainability – Associação Para A Inovação No Alimento Sustentável	Portugal
FCBA	Technological Institute FCBA	France

BAFA	BAFA Neu GmbH	Germany
CORM	Cormatex SRL – Macchinario Tessile Eimpianti	Italy
HP	HP Composites	Italy
Vicat	Vicat	France
TEFI	Tearfil - Indústria Textil SA	Portugal
MANF	Manifattura SRL	Italy
SPR	Soprema	France
MET4	Metallurgy 4 Idiotiki Kefalaïouchiki Etaireia	Greece
AAU	Åbo Akademi University	Finland
GRA	Grassa	Netherlands
FLTL	FiberLean Technologies Ltd.	United Kingdom

Click [here](#) to know more about the FIBSUN partners and their role within the project.

5 Pilot Validation Trials: FIBSUN's key to grow nature-based solutions

FIBSUN aims to support the development of resilient and competitive production systems and enhanced provision of ecosystem services from degraded soils through five sustainable fibre value chains for construction, automotive and textile sectors. Check below:



Upcoming activities

- Starting crop cultivation in Portugal
- Reed harvest in Finland
- Annual meeting scheduled to January 17th, 2024

Don't miss the next newsletter! We'll tell you more about one of the pilot validation trials.
Stay with us!

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**Circular
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Bio-based Industries
Consortium



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