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The Swedish School of *textiles*
The home of scandinavian textiles

The Swedish School of Textiles dates back to 1866 when the Technical School of Weaving was founded. Today, the Swedish School of Textiles offers some of the world's most prominent educational programmes in the fields of *design*, *technology*, and *management*.

Students have the opportunity to combine creativity, practice, and theory. In the modern machine halls, there are knitting machines, advanced 3D technology, textile printing facilities, and dyeing laboratories.

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Textile & Fashion

Design (TD)	Textile and fashion design Fashion design Textile Design Textile Interaction design
Textile management (TM)	Marketing, fashion and sustainable consumption
	Management of B2B relations
	Textile Value Chain Management (TVCM)
Textile technology (TT)	Advanced textile structures
	Polymeric E-textiles
	Textile Material Technology
	Textile and wearable sensing for P-health

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Advanced textile structures

Sustainable textile fibre	Anders Person Behnaz Baghaei Felicia Syrén	May Kahoush Lena-Marie Jensen Linda Nydén
Yarn structure	Lena-Marie Jensen Pontus Blomberg	
Textile structure	Lena Berglin Joel Peterson Max Anderhell	Behnaz Baghaei Ida Ljungberg Anna Björkquist
Functionalisation	May Kahoush	Milad Assi
 Modelling	Vijay Kumar	Zheng Peixiao
Recycling	Anders Person May Kahoush	Katarina Lindström
Textile Assembling	Anders Person	

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Spinning, non-woven, recycling lab
Weaving lab
Knitting lab
Dyeing and Printing lab
Finishing lab
Sewing lab
Testing lab
Digital media lab
Research Lab

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Science Park Borås

TEXTILE & FASHION 2030
SUSTAINABILITY BY SWEDEN
THE NATIONAL PLATFORM

smart textiles
BY SCIENCE PARK BORÅS

CIRCULARHUB

Textile Movement

I just want to le[illegible] that [illegible]in and I are n[illegible]ilable Thursday 17 and Wednesday 16 is [illegible] fine for me.

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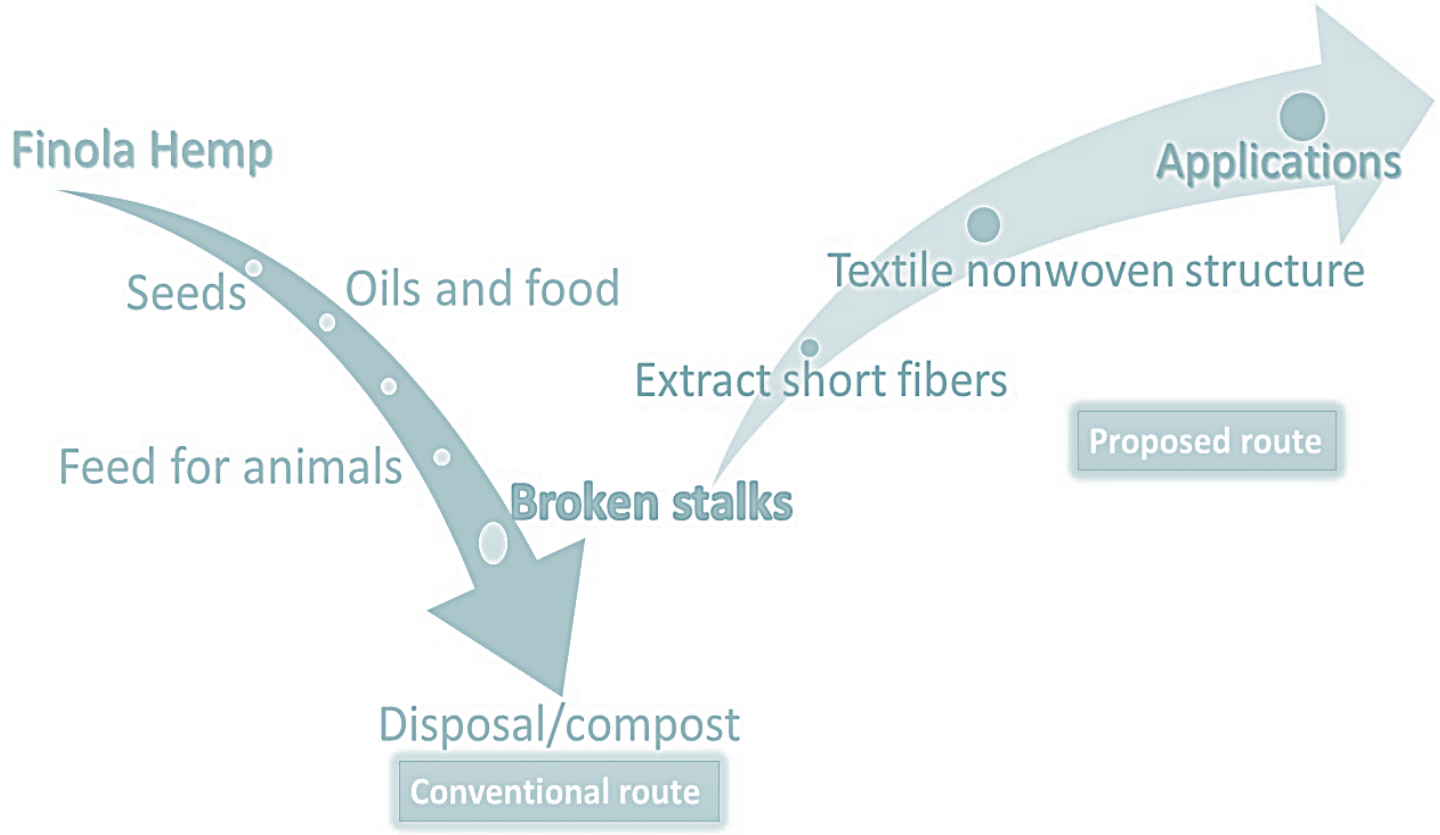
VINNOVA
Sweden's Innovation Agency

Bio-based residual streams with potential in the technical textile industry

Proof of concept



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Sweden's Innovation Agency

Simon Kronberg, Ella Kärkkäinen, Åsa Älgbrant

Strength	**77 N**
Elongation	**15 %**
Length	**50 mm**
Diameter	**33 µm**

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Monika Nordling

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VINNOVA
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May Kahoush

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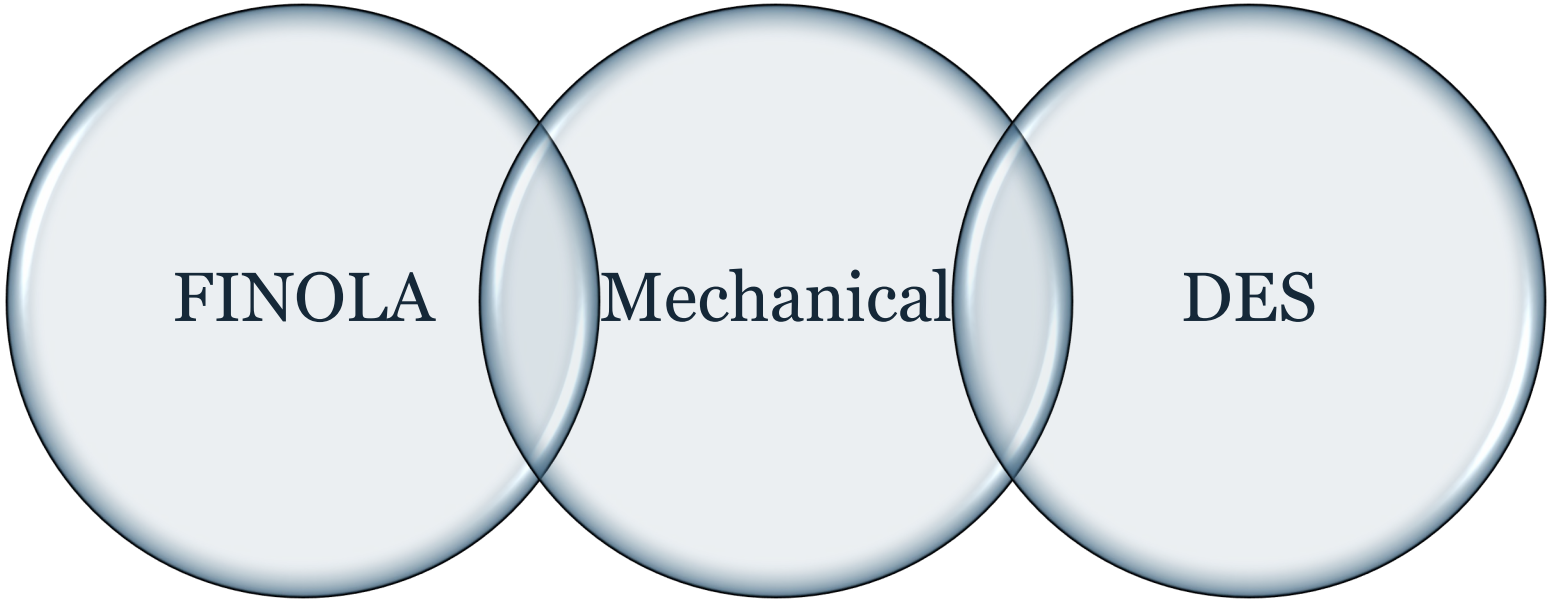
Work in progress sustainable technical textiles



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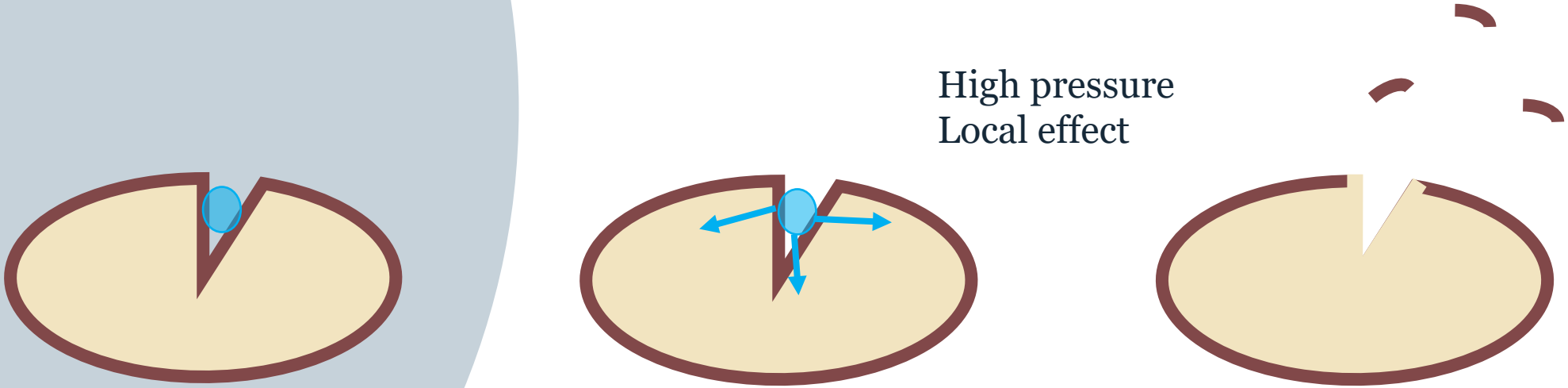
Schematic representation of Ultrasonic treatment for fiber degumming



Un-retted Hemp Fiber

Cavitation effect

Degumming

Similar effect will occur between fibers, which lead to their separation

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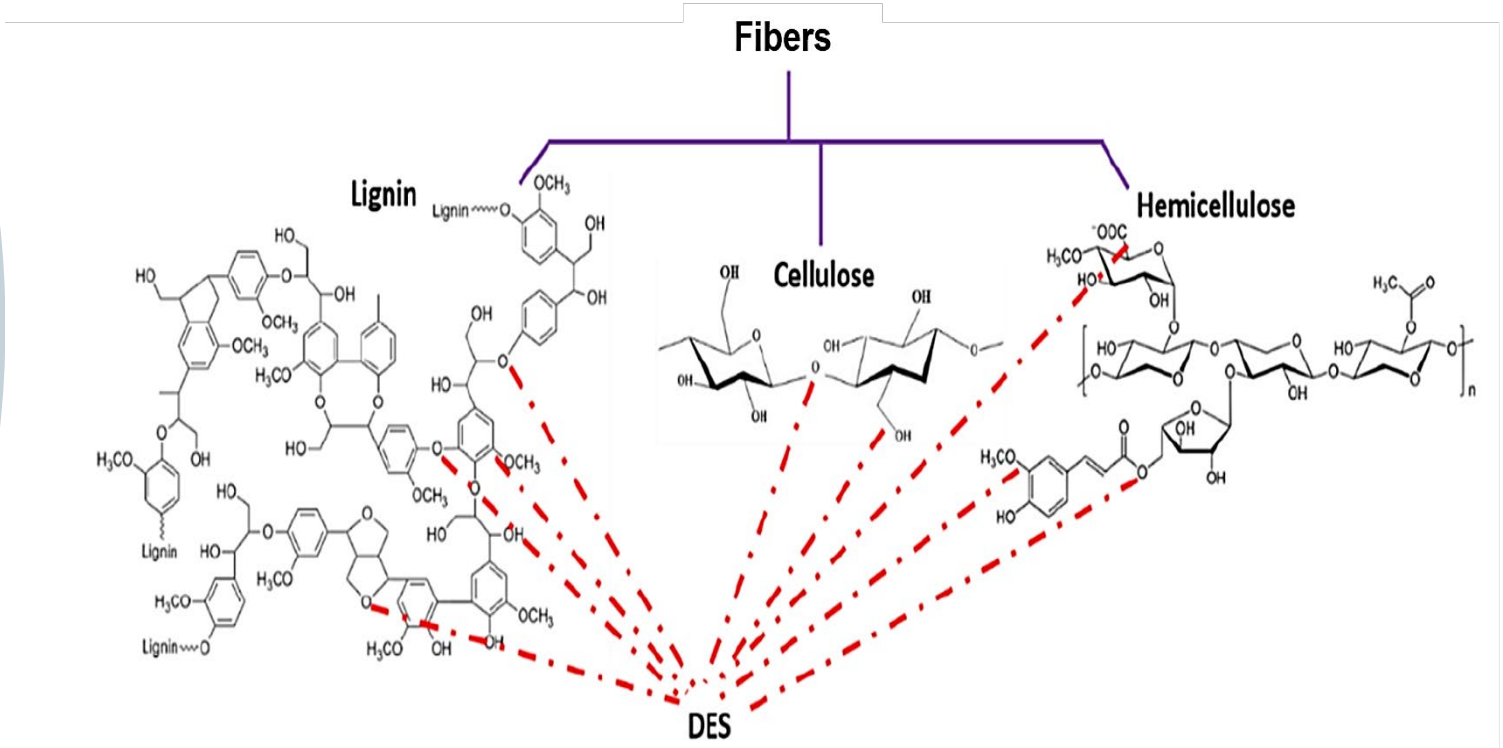
DES



Break the ether bonds mainly
Contribute to H-Bond breakage

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Finola + PLA
Needle punched
Thermal bonding

Thank you!

Funding from

VINNOVA
Sweden's Innovation Agency