Time frame

The project will run from 2015-2016. In 2016 the project management will start the work with establishing the business model and the value chain for extending this demonstration project to an industrial and commercial scale.

We currently have around 10-20 big suppliers of postconsumer recycling textiles, and the same number of buyers already given their interest in being part of such a value chain.

The project intend to cooperate internationally to optimize the value chain and to make the business model profitable for the industry.

Funding
MUDP-program, The Ministry of Environment
www.mst.dk

Ministry of Environment and Food
The Danish Environmental Protection Agency

Partners

Innonet Lifestyle - Interior & Clothing (project management)
http://innonetlifestyle.com

Advance Nonwoven (key company)
www.anw.dk

Schilder and Brown
www.schilderandbrown.com

Vraa Dampvaskeri
www.vdv.dk

Renosyd
www.renosyd.dk

Besides this partnership a collaboration has been established with the similar initiative Fibersort in Holland managed by Circle Economy, Amsterdam.

For further information please contact project management team at

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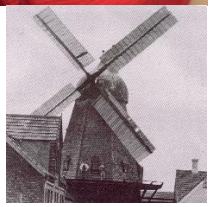
Textile Mill

a Danish project to close the textile loop

Innonet Lifestyle
Interior & Clothing

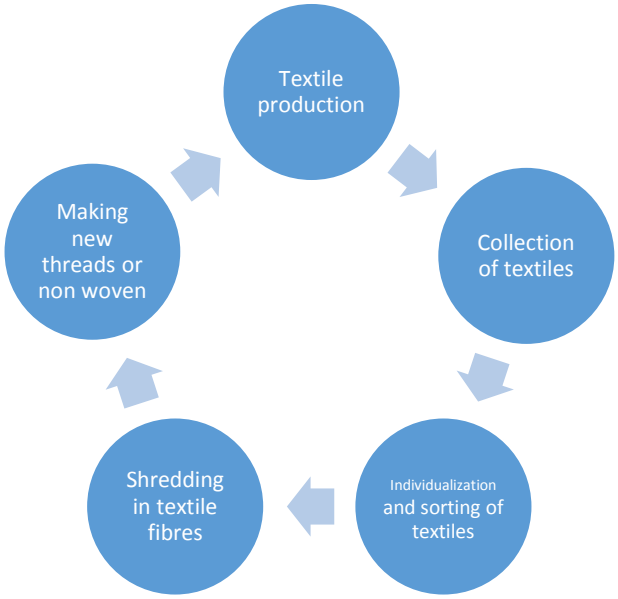


Project goals

The main goal of the Textile Mill project is to close the textile loop for postconsumer, recyclable textiles, establishing a new industrial cluster in Denmark.
The project will contribute to return parts of the textile production to Europe, reducing the amount of exported, used textiles to Eastern Europe and Asia
Establishing a significant, international value chain, which makes the textile mill concept profitable in a sustainable way.

Project objective

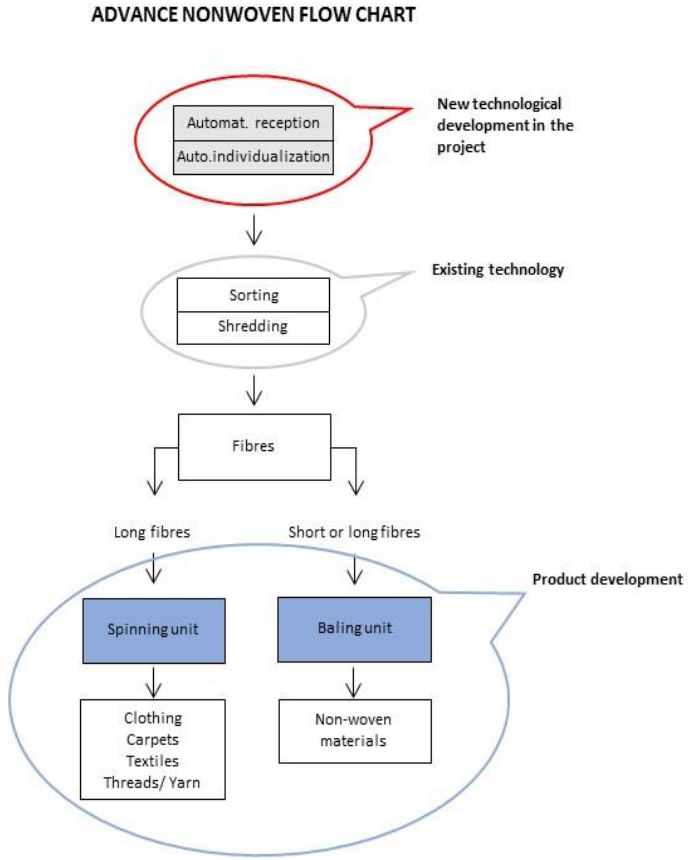
The Textile Mill project focus on developing technological units, which receive and automatically individualize textile fractions before entering the sorting and shredding process.



Textile flow chart

The new developed, technological unit will be connected to existing sorting- and shredding units, which provide clean or mixed fractions according to the needs and demands of the buyers.

In the end of this plant it's possible to add a spinning unit as a final application in order to wind up fibres to a new thread, ready for new textile production.



Participating companies

Advance Nonwoven as key company produces compressed materials from almost all kind of material streams containing fibres, such as wood, plastics, rubber and textiles.

Their existing plant is able to shred textiles down to fibres, which – coming out of the machine – are undamaged and as strong as the fibres going into the machine.

In the Textile Mill project we take advantage of this technology with our focus on developing new, automatic receival- and individualization units.

To test the results of the demonstration project, textile representatives from regional suppliers and buyers in the value chain will participate.

<u>Vejledning til foldning (denne side 3 printes ikke ud):</u>

Ved automatisk printning vælg først print på begge sider og herefter 'vend side om den korte side' eller lignende angivelse, for at få alle sider vendt korrekt.

Folderen er tænkt foldet således, at 'Partners' danner bagside, 'Time frame' foldes ind over 'Textile flow chart' og til sidst 'Textile Mill' foldes ind over. Følg de to foldelinier på bagsiden.