



FiberFlow

Fiber meets Future.

Problem

Fiber Sorting

Timeline

Team

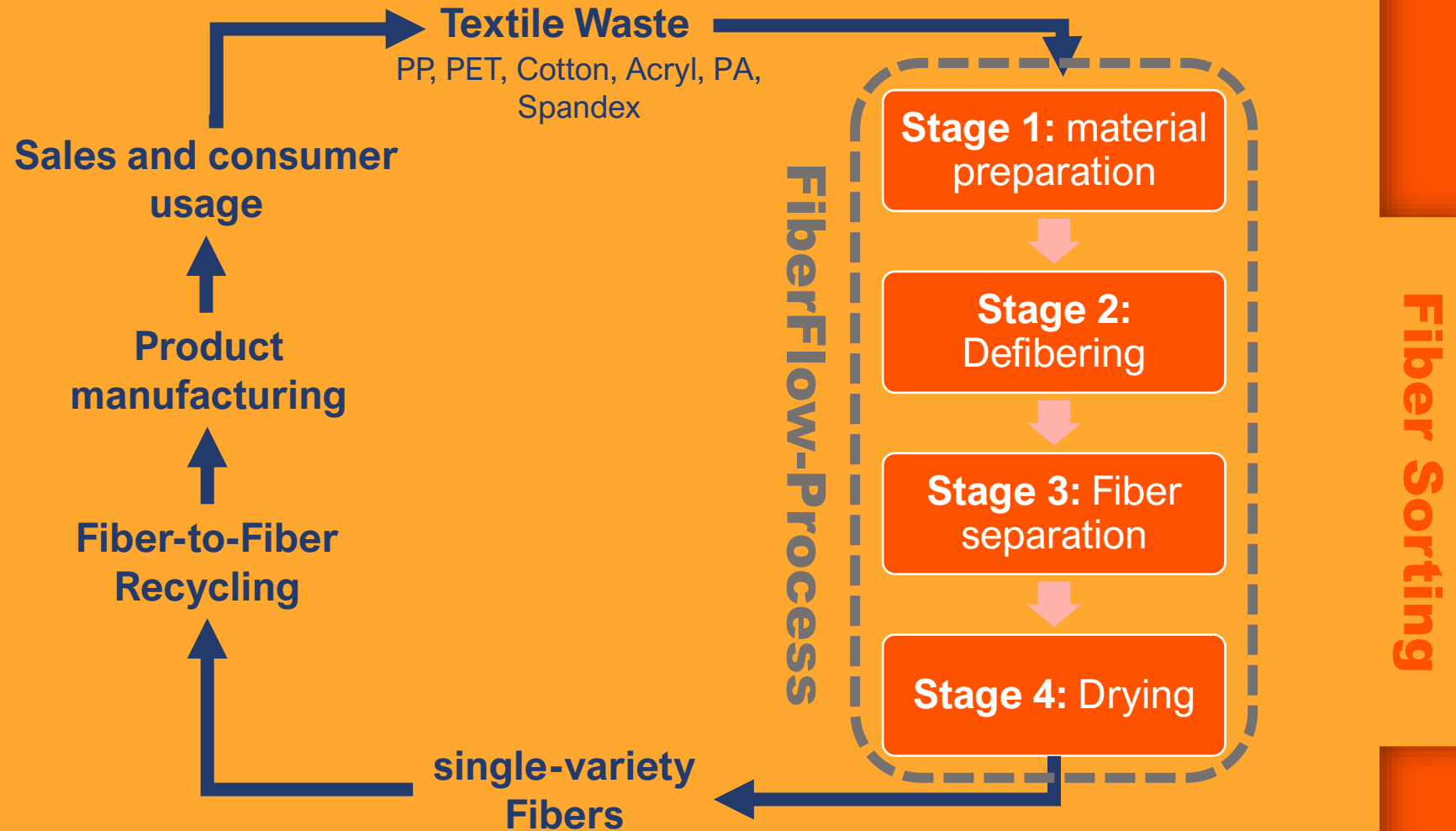
Vision

Problem Textile Waste

Every second, a truckload of textile waste is dumped, textiles that are produced using 98 million tons of non-renewable resources and 93 billion cubic meters of water annually.

Garments are no longer made from individual materials, but from fiber blends. This makes them comfortable to wear and easy to care for. However, these blends can hardly be separated later in the recycling process.

Fiber Sorting



Timeline

03/2023

- Development of the process idea

07/2023:

- Cotton/polyester separation achieved in the prototype

09/ 2023:

- Programming software for automatic fiber material recognition

2024

- Development of the process as a basis for subsequent scaling up to industrial scale
- Monthly costs: 15,000 - 20,000 €

The Team

Elena Richter
Industrial engineer

Lena Strobl
Environmental engineer

Ludwig Morgenstern
Process engineer



The Vision

We want to develop and disseminate technologies to free the world from textile waste.



Making textile waste recyclable in communities to stop the flow to landfill ...



... and clean what is already in textile landfills and will not disappear by itself.



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Fasersortierung

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