



## Greening SMEs in the Eastern Partnership (EaP) countries – A regional event

# Eco-innovation in SMEs, best practices and lessons learned



Shirley Schijvens – Schijvens Corporate Fashion - Netherlands

30 June 2021

Action implemented by:



**THE WORLD BANK**  
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## Case Study: Schijvens

- Location – Netherlands and Turkey
- Company Size – 100 employees
- Year of Establishment – 1863
- Annual turnover – USD 15.000.000
- Sector – design, production, recycling of uniforms/workwear



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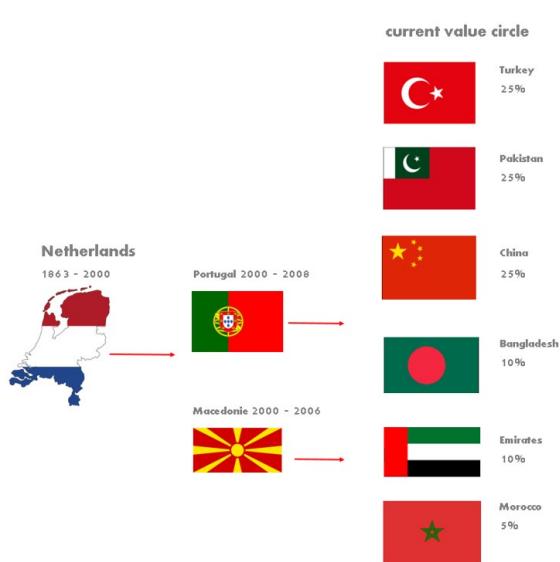


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## Case Study: Schijvens

- Business Growth > production from the Netherlands to Asia



Category  
**LEADER**

Monitor percentage  
**100%**  
Score  
**8,9**

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**CO<sub>2</sub> textile industry**  
**2nd most polluting**

**only 3% globally recycled**

**1 cotton t-shirt 4000 liter water**

## MADE-BY ENVIRONMENTAL BENCHMARK FOR FIBRES



[www.made-by.org](http://www.made-by.org)

CLASS A	CLASS B	CLASS C	CLASS D	CLASS E	UNCLASSIFIED
Mechanically Recycled Nylon	Chemically Recycled Nylon	Conventional Flax (Linen)	Modal® (Lenzing Viscose Product)	Bamboo Viscose	Acetate
Mechanically Recycled Polyester	Chemically Recycled Polyester	Conventional Hemp	Poly-acrylic	Conventional Cotton	Alpaca Wool
Organic Flax (Linen)	CRAILAR® Flax	PLA	Virgin Polyester	Generic Viscose	Cashmere Wool
Organic Hemp	In Conversion Cotton	Ramie		Rayon	Leather
Recycled Cotton	Monocel® (Bamboo Lyocell Product)			Spandex (Elastane)	Mohair Wool
Recycled Wool	Organic Cotton			Virgin Nylon	Natural Bamboo
	TENCEL® (Lenzing Lyocell Product)			Wool	Organic Wool
					Silk
More Sustainable			Less Sustainable		



## The circular proces



Hand in your old corporate clothing.



Your old corporate clothing will be shredder into fibers.



Plastic bottles will be melted and spun to yarn.



We make wick out of these fibers.



Recycled yarn can be made out of this wick.



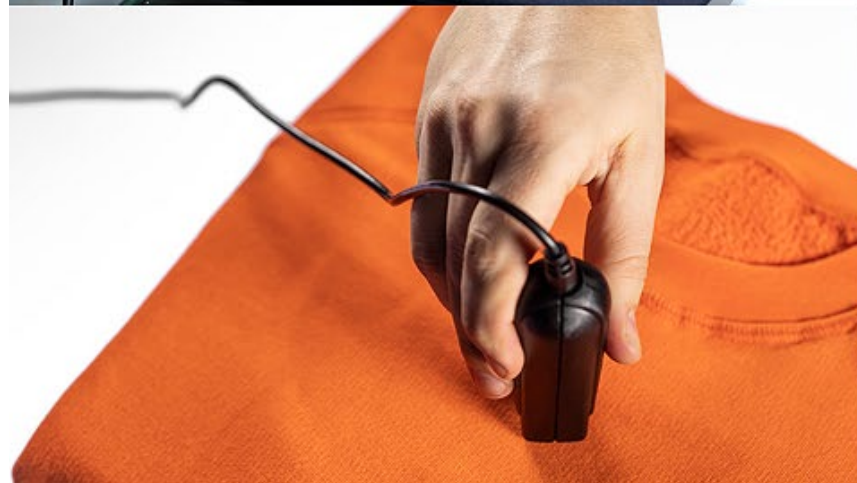
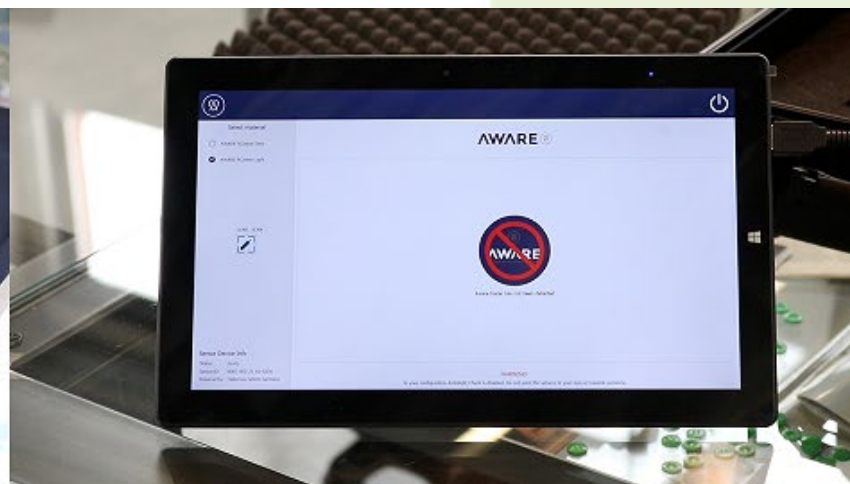
The yarn becomes recycled new woven or knitted fabric.

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# EU4Environment

Armenia, Azerbaijan, Belarus, Georgia, Republic of Moldova, Ukraine



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Recycled items for the circular process									
Schijvens 21-05-21									
Collected at client									
		7	8	2	.	0	1	1	
Delivered in rec.									
1	.	4	0	7	.	5	4	9	
In production rec.									
		2	0	0	.	0	8	5	

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## Lessons learned

- Collaboration is key
- Customs restrictions > lobby
- Upcharges in open cost calculations to supplier and customer
- Where there is a will, there is a way!



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**2.391.650.016**  
liter water



**2.104.896**  
kilogram CO2



**43.928.266**  
MJ energie



**36.794.616**  
Showering



**17.540.801**  
km's car driving



**79.870**  
years tv-watching



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## Case Study: Schijvens

- **Business Growth >** turnover from Euro 3mIn in 2000
- **to Euro 12mIn in 2020**



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