



# Onderwijs en onderzoek voor 'Future proof' textiel- en kledingsectoren'

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## De sector in VI, B en EU

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### De sector in VI, B en EU

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### De sector in VI, B en EU

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## De sector in VI, B en EU

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European consumption of textiles has the **fourth highest impact** on the environment and climate change, after food, housing and mobility.

It is one of the **top three pressures on water and land use**, and the **top five in terms of raw material use and greenhouse gas emissions**.

**THE ENVIRONMENTAL IMPACT OF TEXTILES**  
In 2020 textile consumption per person in the EU required on average:

- 400 m<sup>2</sup> of land
- 9 m<sup>3</sup> of water
- 391 kg of raw materials

And caused a carbon footprint of about **270 kg**

## Impact op milieu & klimaat

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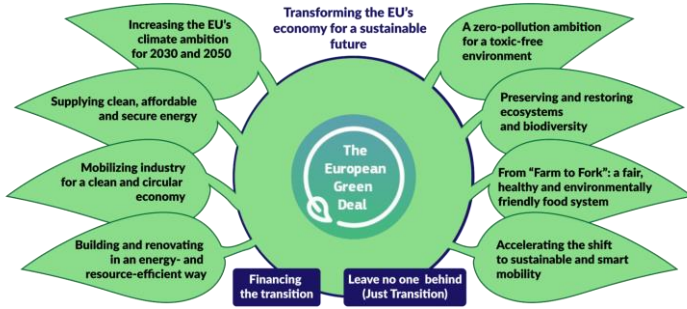
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Broadsheet No 3 2022 COM(2022) 141 final

COMMUNICATION FROM THE COMMISSION TO THE EUROPEAN PARLIAMENT, THE COUNCIL, THE EUROPEAN ECONOMIC AND SOCIAL COMMITTEE AND THE COMMITTEE OF THE REGIONS

EU Strategy for Sustainable and Circular Textiles



Source: gisreportsonline.com

### The Commission's 2030 Vision for Textiles

- All textile products placed on the EU market are:
  - durable, repairable and recyclable
  - to a great extent made of recycled fibres
  - free of hazardous substances
  - produced respecting social rights
- "Fast fashion is out of fashion" - consumers benefit longer from **high quality textiles**
- Profitable **re-use and repair services** are widely available
- In a **competitive, resilient and innovative textile sector** producers take responsibility for their products along the value chain
- Circular rather than throw-away clothes have become the norm**, with sufficient capacities for recycling and minimal incineration and landfilling

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# Need for skills



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# Research & Innovation @ FTILab+



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# Research & Innovation @ FTILab+

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# Pact4Skills TCLF @ FTILab+



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# Testing & Prototyping @ FTILab+



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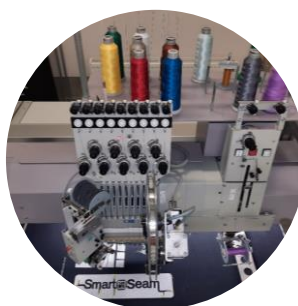
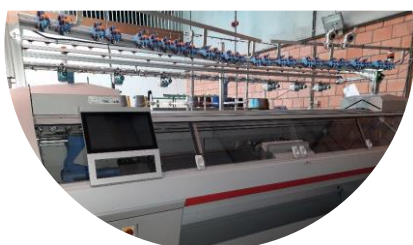
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## Investerings Testing (vezelkarakterisatie)

Met de steun van



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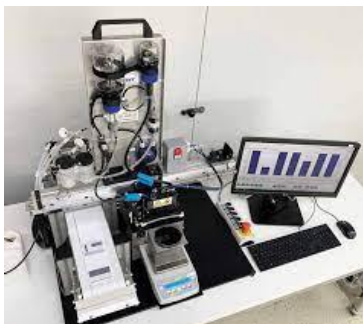
## Investerings Prototyping - MDF

Een toonaangevende ruimte waar open innovatie en demonstraties de haalbaarheid van industriële productie aantonen, resulterend in een snellere 'time-to-market'.

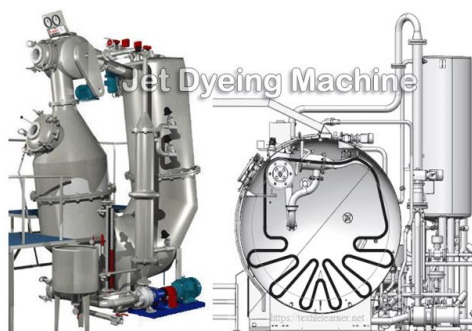
Met de steun van



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## Verwacht



Met de steun van



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## Blikopener @ FTILab+

Onze gemotiveerde onderzoekers stellen hun opgebouwde kennis en expertise ter beschikking. Ze helpen je graag verder bij de speurtocht naar oplossingen van praktijkgerichte problemen of vraagstellingen.

Gratis eerstelijnsadvies (max. 4 werkuren)

Meer nodig? Doorverwijzing naar:

- Dienstverlening
- Studentenprojecten, studentenstages, bachelorproeven
- Contractonderzoek
- Contractonderwijs
- Samenwerking via instrumentarium VLAIO of andere financieringskanalen



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Dank u voor uw  
aandacht

Joris Cools

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