

CEN
TEX
BEL



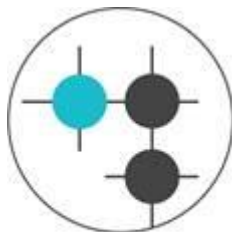
Fashion-Tech



Mission

Europe has a fascinating textile industry, and we are proud to be part of it. We meet passionate people daily, we encounter great companies, we discover exciting technologies. We care for our industry and firmly believe that by engaging in close collaborations we can contribute to a sustainable future for our companies.

We aim to push the boundaries.



CONNECT



CREATE



INSPIRE



SOLVE

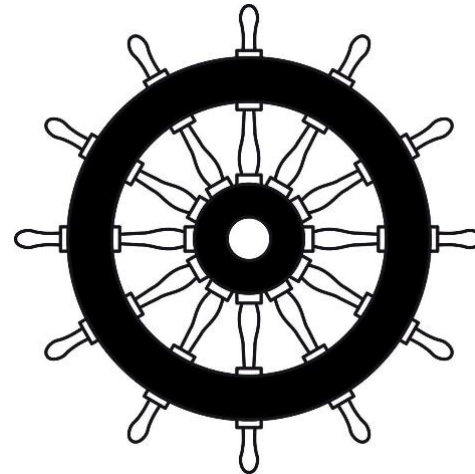
Sustainability in textiles

At Centexbel we strongly believe that the use of **renewable, biobased** resources, along with intelligent **design for recycling** solutions can lead to a safer, more sustainable, and thriving planet for everyone.



Certified textiles

By providing certifications for textile products, Centexbel contributes to **safer environments** for end consumers, increases **consumer confidence** in their purchases.



Backgrounds for Fashion Tech



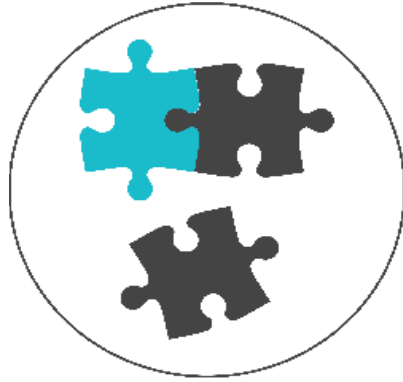
Ine De Vilder first studied Industrial Engineering, with a focus on Chemistry. This led to a PhD in Chemistry, with a focus on Organic Synthesis. This chemical background has served her well in her research towards flame retardant textiles, and an increasingly design for recycling methodology.

Backgrounds for Fashion Tech



Edwin Maes is consultant Clothing Textiles. In this function he supports companies, assist them in new developments, assessment of their materials and products. He follows up legislation applicable for the clothing industry. He is a member of standardization committees with focus on clothing specific topics but also regarding sustainability and circular economie.

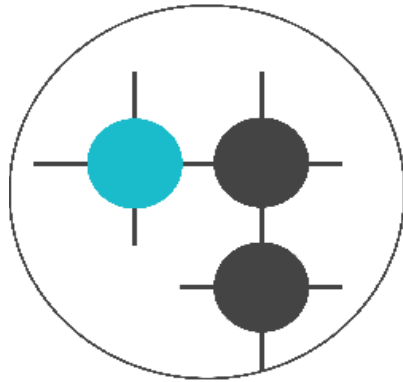
Centexbel: At your company's service



SOLVE



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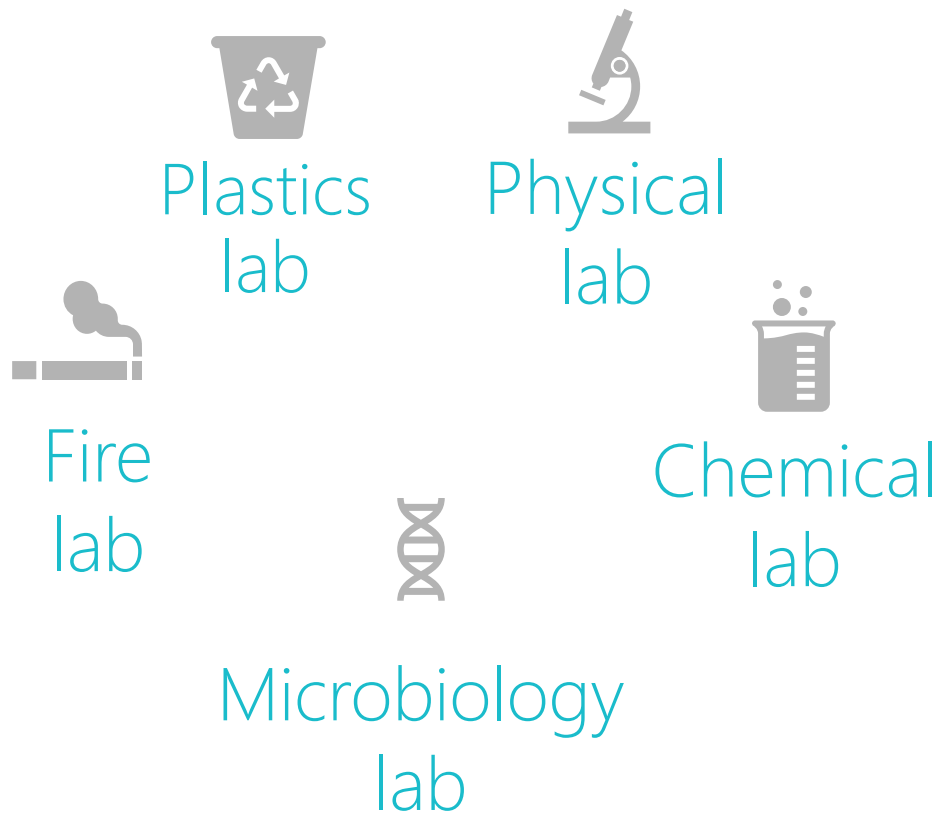


CREATE

We work with companies to **solve** problems, **inspire** new ideas, **connect** with key partners, and **create** new products

Centexbel: At your company's service

A researcher or advisor will **continuously interface with test labs** to ensure high quality standards are met.



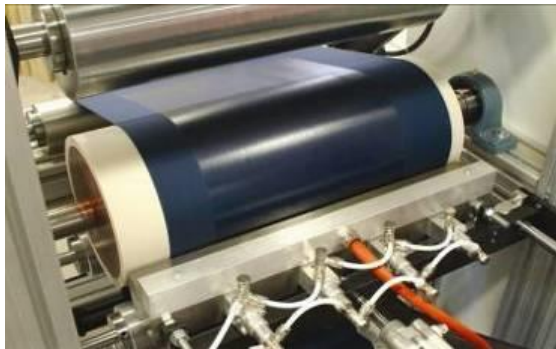
Centexbel: At your company's service



Fibre Extrusion



Composites

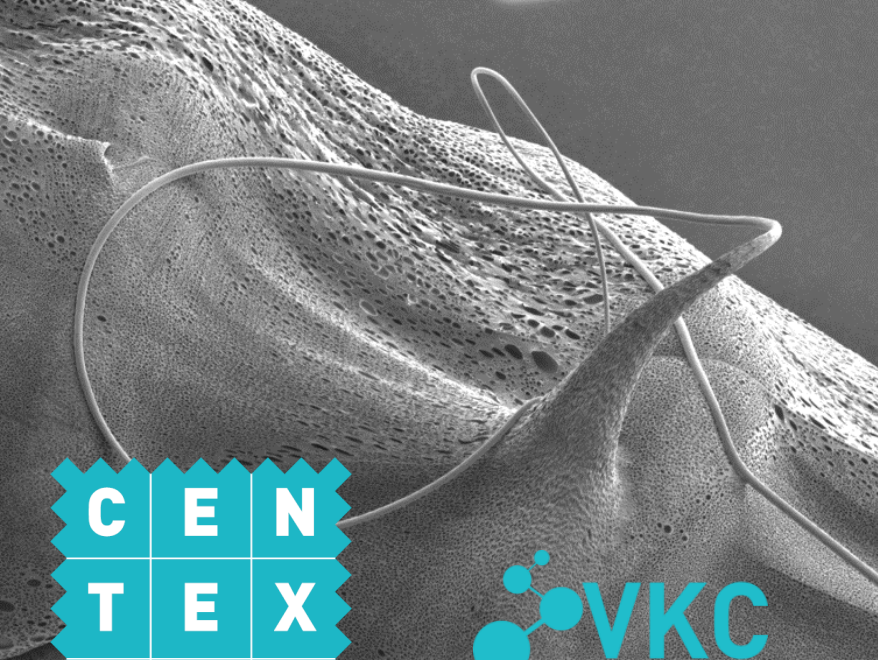


Coating & Finishing



Plastic Processing

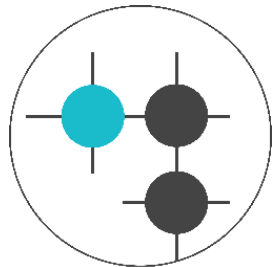
Researchers use the **innovative pilot platforms** to investigate new possibilities and develop new prototypes.



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Textile Functionalisation & Surface Modification



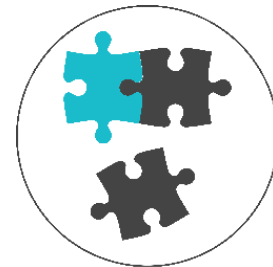
CONNECT



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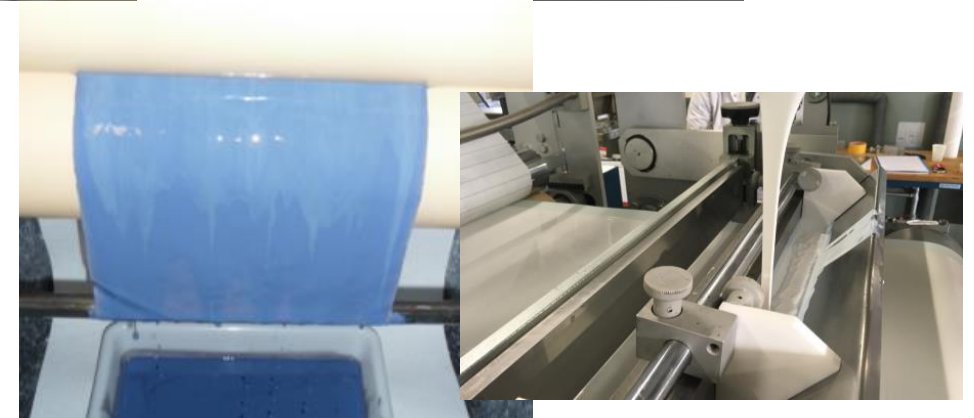
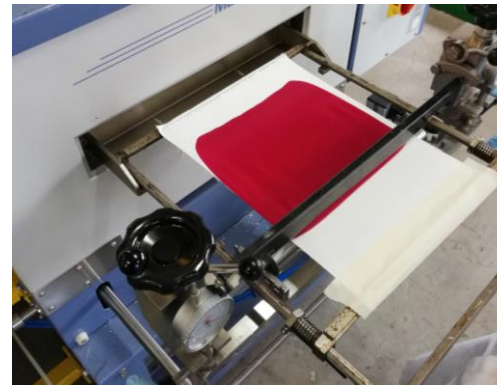
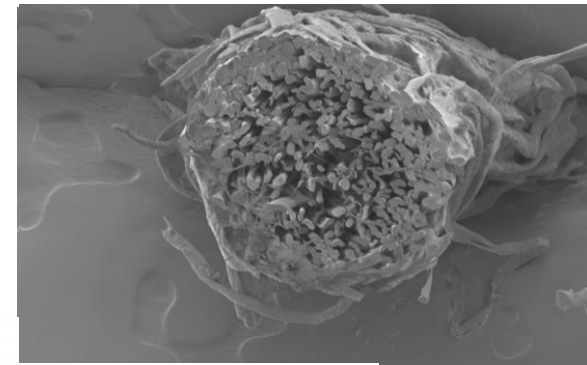
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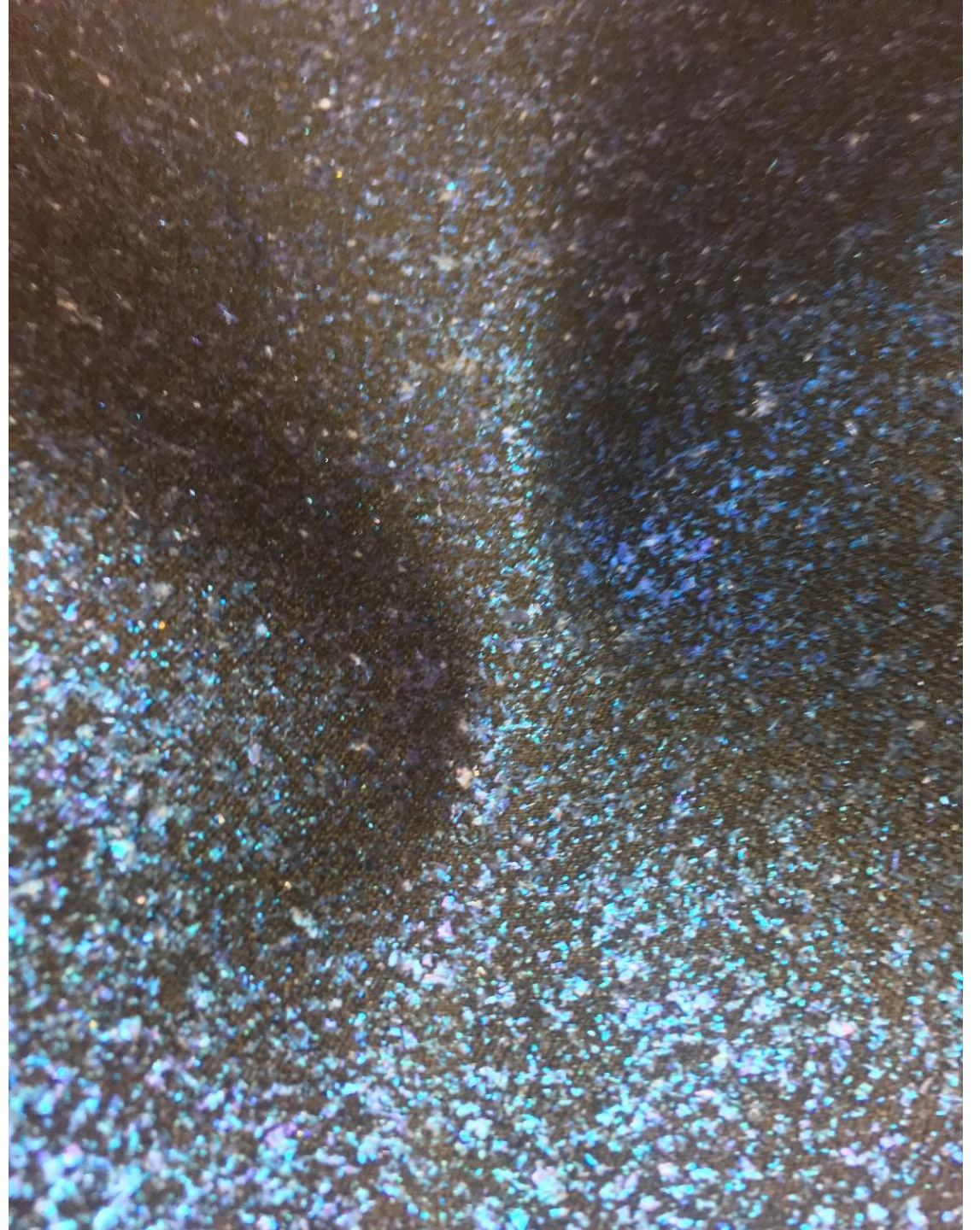
Capabilities

- Padding
- Direct coating
- Transfer coating
- Yarn Coating
- Extrusion Coating
- Hotmelt Coating
- Screen printing

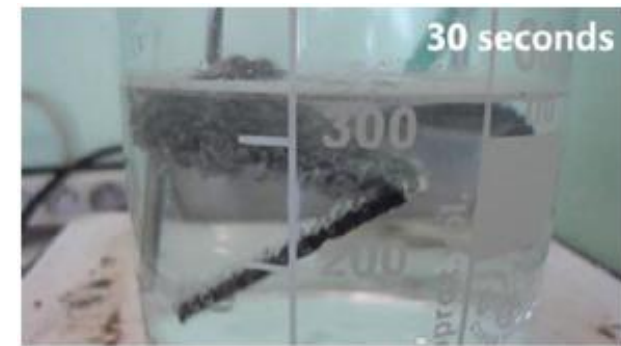
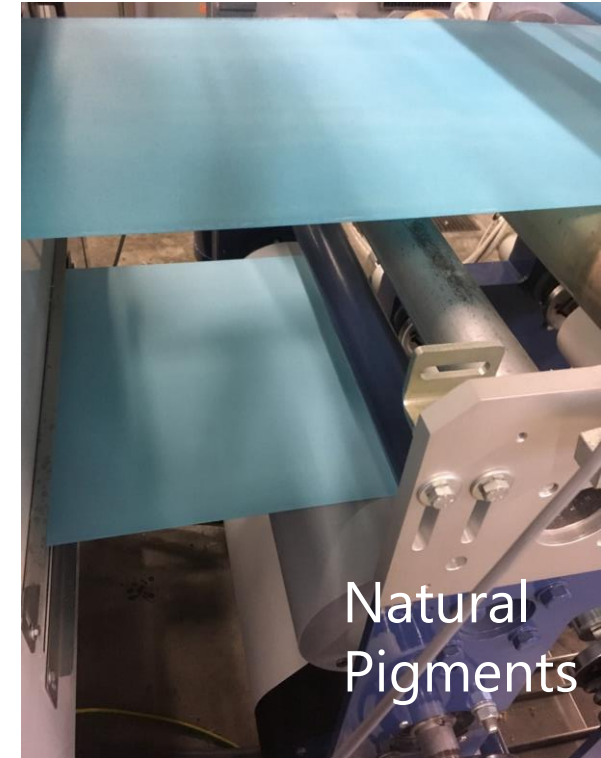


Research & Development

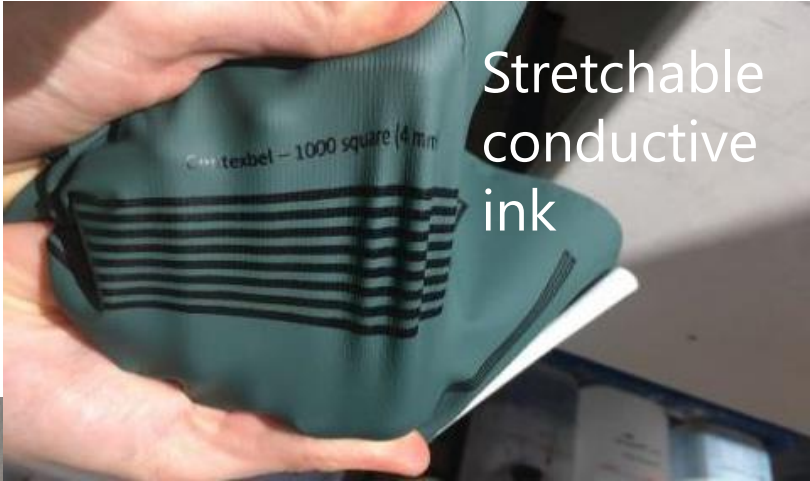
RESEARCH THEMES



Sustainability & Circular Economy



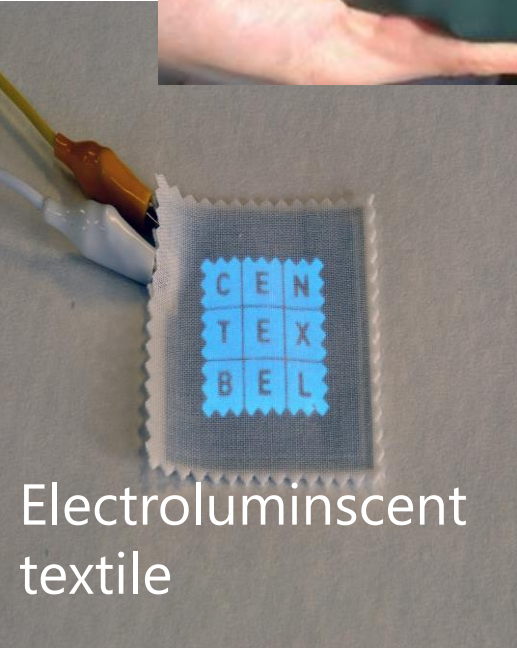
Active and intelligent textiles



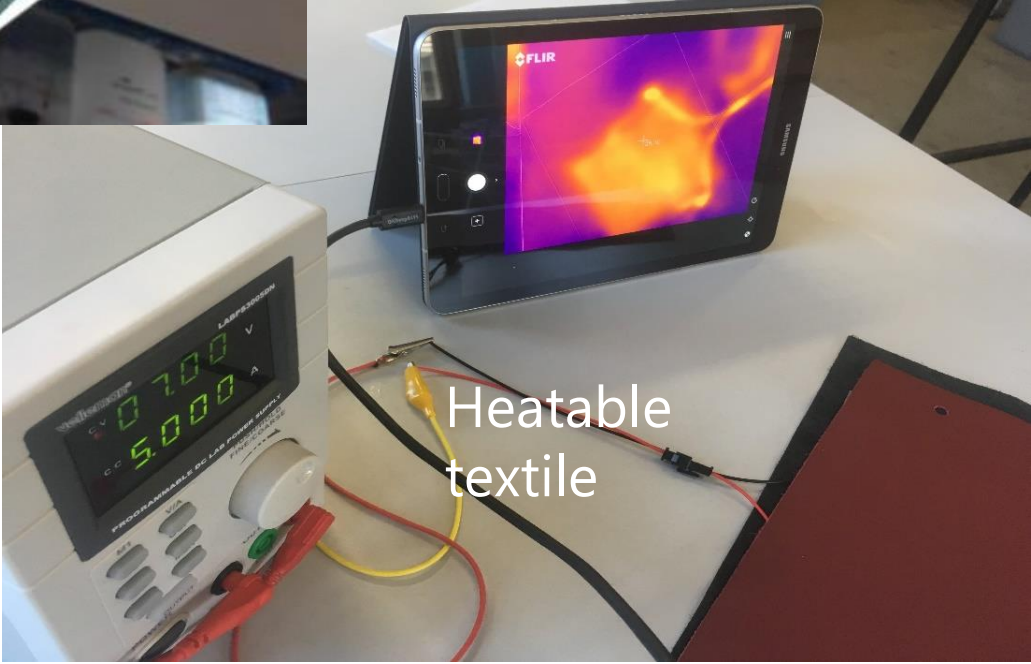
Stretchable
conductive
ink



Odour
managing
textile



Electroluminescent
textile



Heatable
textile

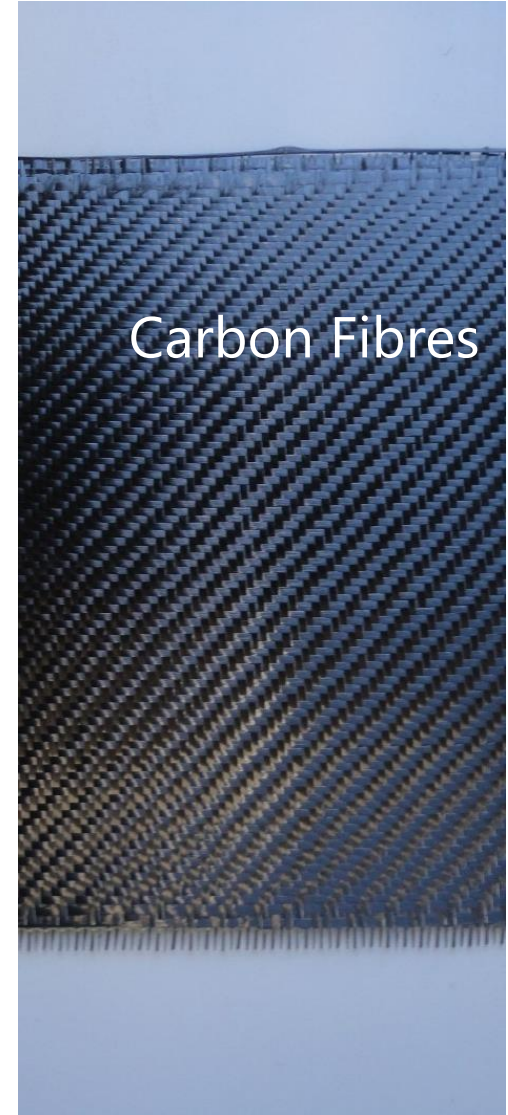
Textile Reinforcement



Natural Fibres



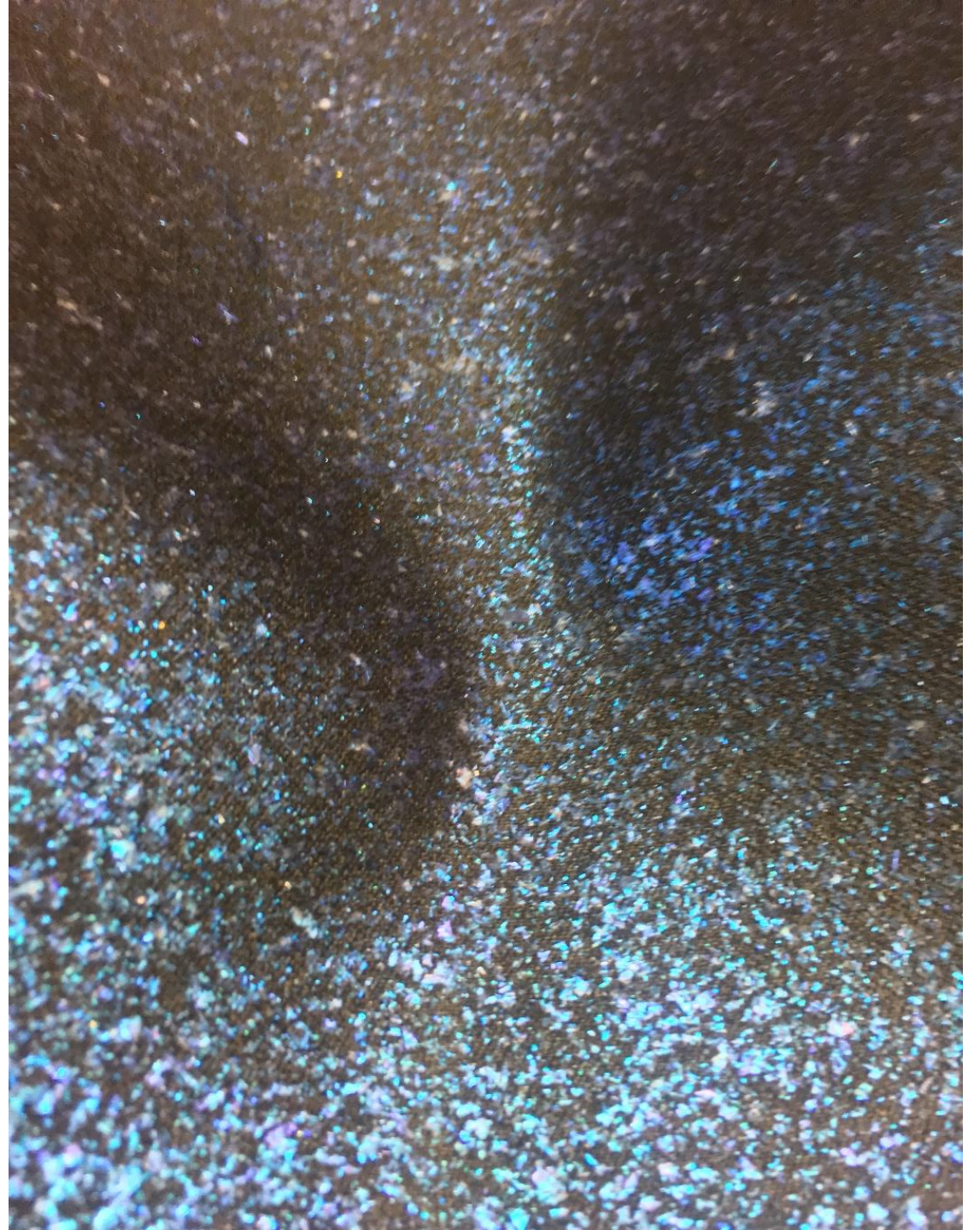
Flame-Retardant
Fibres



Carbon Fibres

Research & Development

PAST FASHION
PROJECTS



Ilja Visser - Crystals

We worked together with designer Ilja Visser to develop pieces onto which crystals were grown, for her S/S 2012 collection, entitled Hyperborea



GLUE JEANS

Centexbel worked together with a Dutch design duo, G+N, to develop a glue that could be used to assemble jeans, and was suitable for increasingly automated production. The resulting jeans, Glue Jeans, combine stitching and gluing, to marry old school craftsmanship and innovative design in a pair of jeans made entirely in The Netherlands.



Acknowledgements

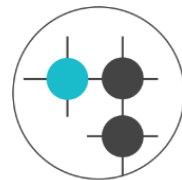


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