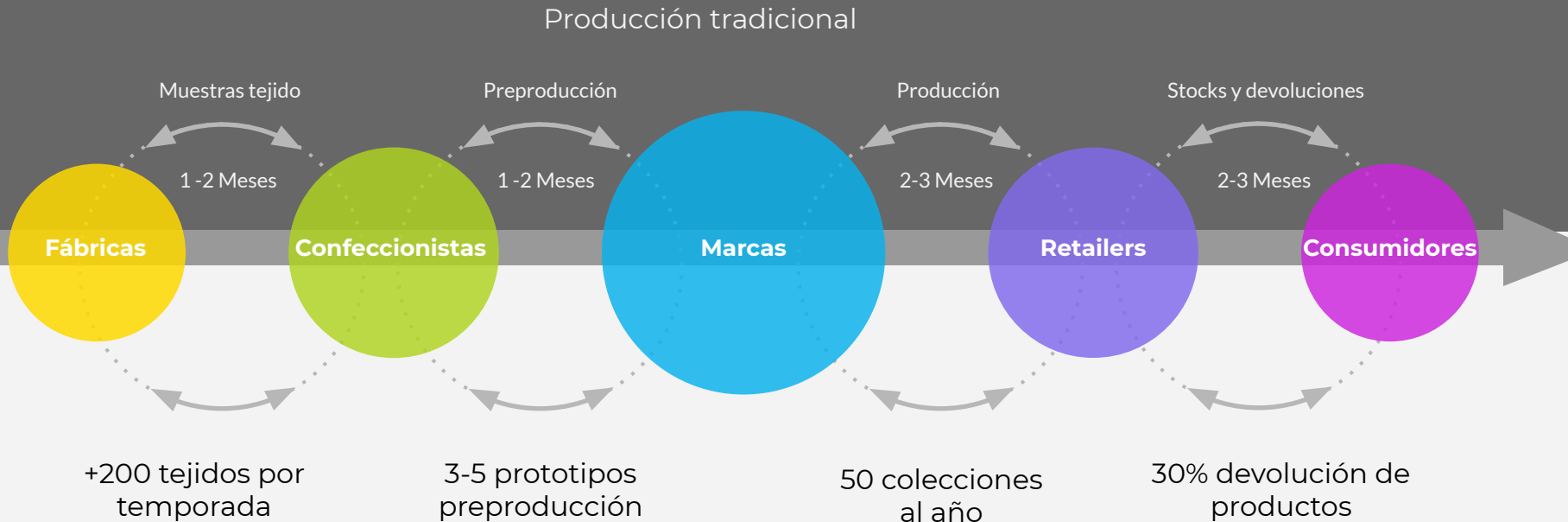


Congreso Nacional del Medio Ambiente
Madrid del 31 de mayo al 03 de junio de 2021

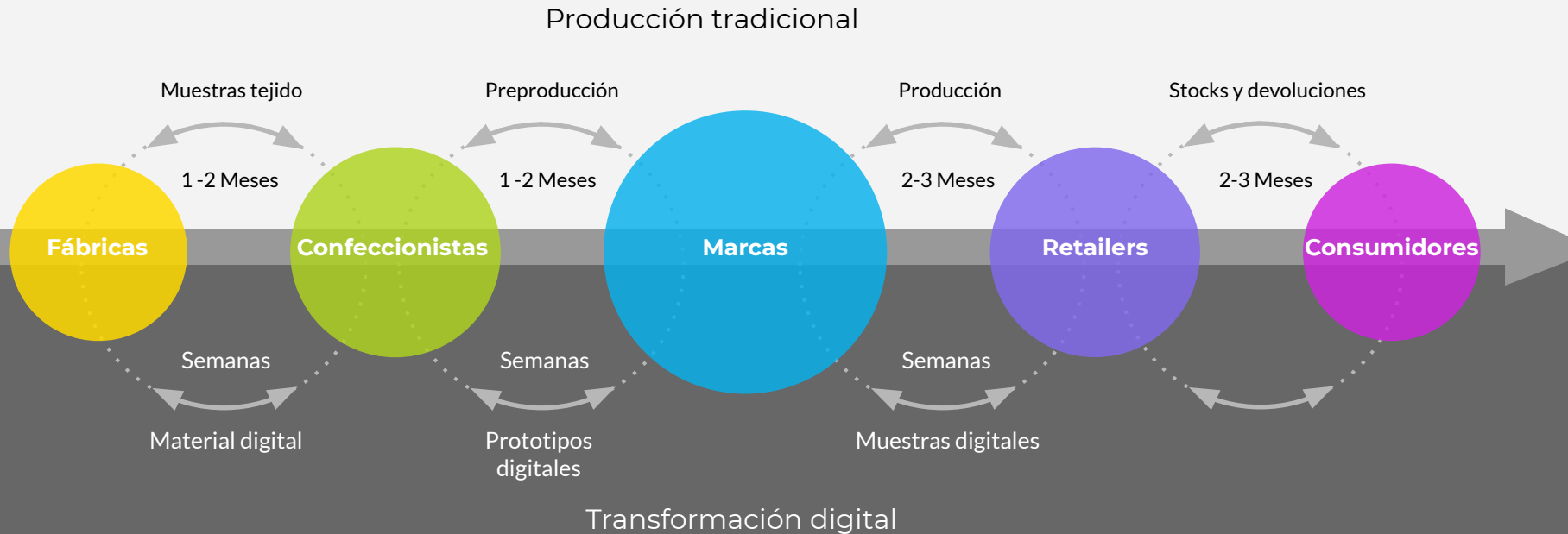
ROPA DIGITAL: PROTOTIPADO PREDICTIVO DE PRENDAS CON SIMULACIÓN ÓPTICA Y MECÁNICA A ESCALA DE HILO



Los procesos de producción de moda dependen en gran medida del muestreo físico. Puede llevar hasta 42 semanas llevar un producto al mercado.



Una cadena de suministro basada en simulación 3D y muestras digitales tendrá un impacto profundo en la aceleración del cambio y la reducción de residuos.

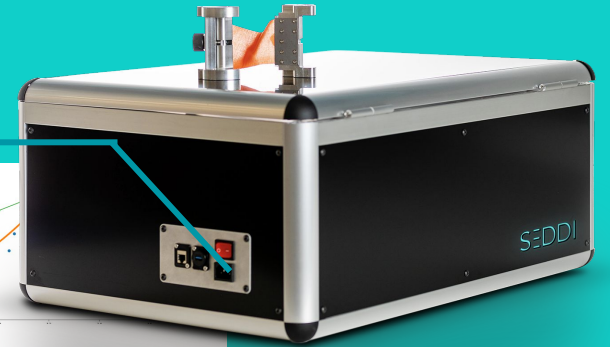
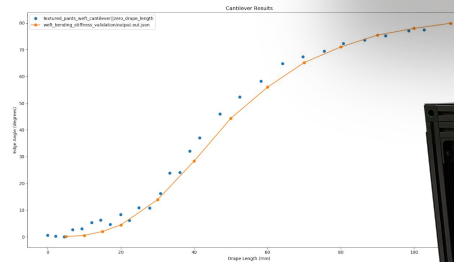
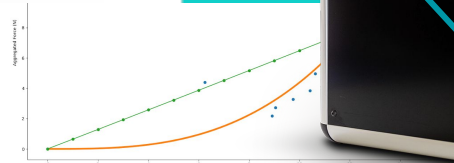


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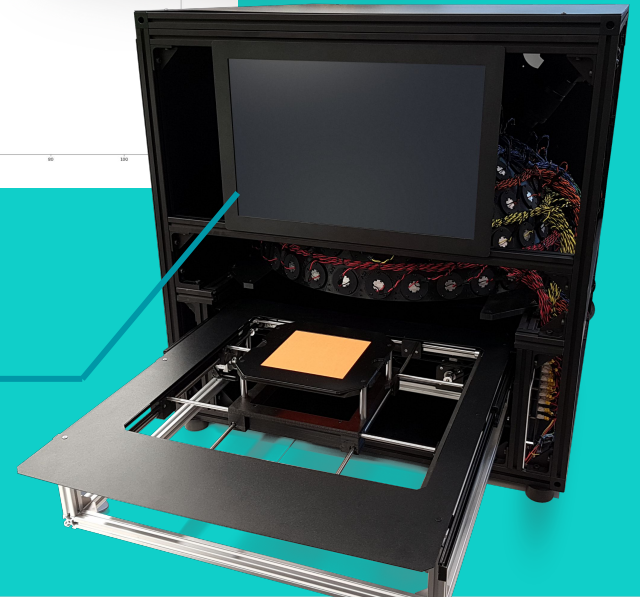
Simulación óptica y mecánica de materiales para un prototipado digital realista.

- Digitalización de materiales
- Librería de materiales digitales
- Prototipado y diseño 3D

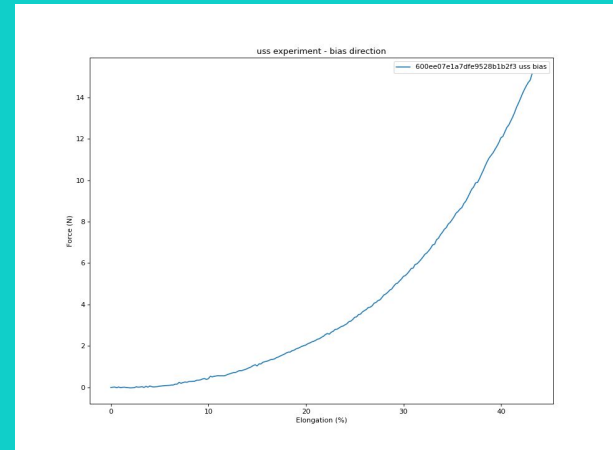
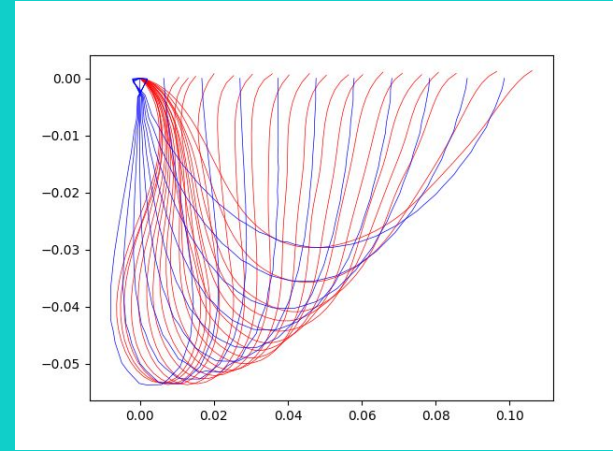
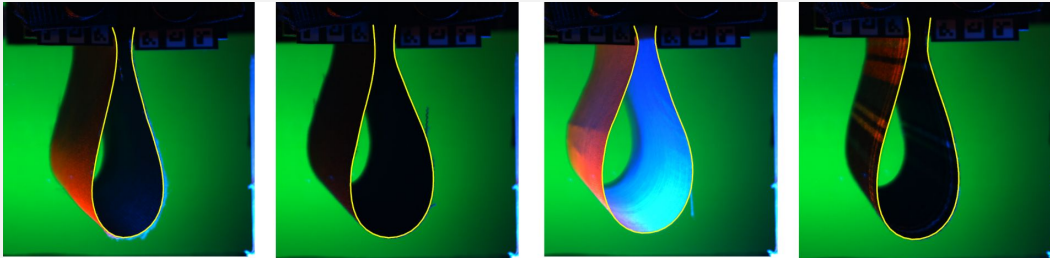
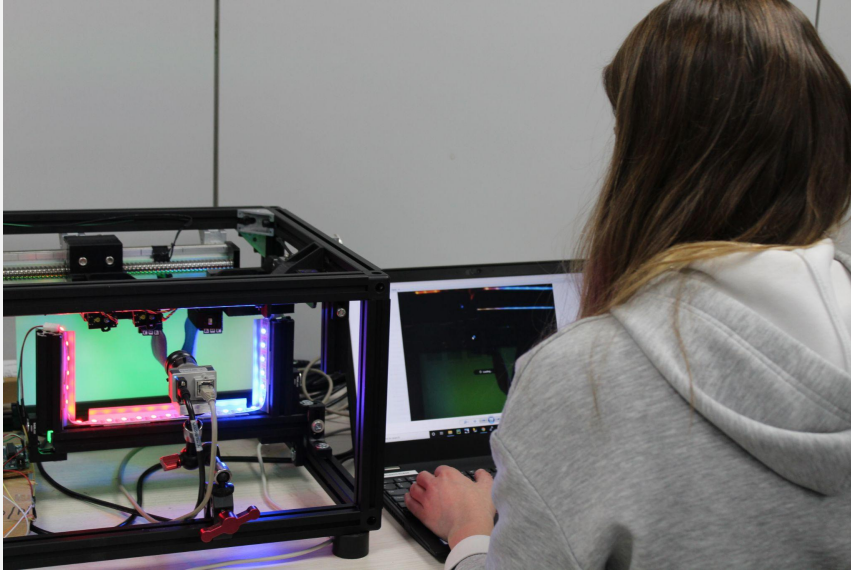
Captura mecánica



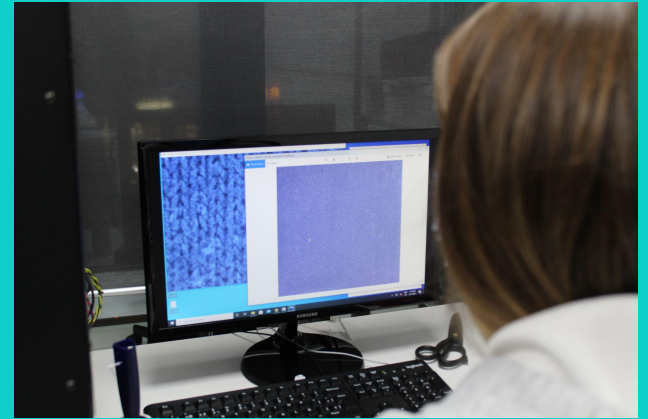
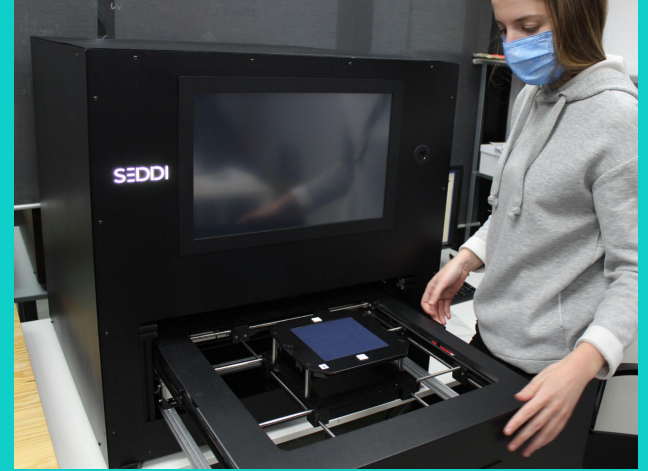
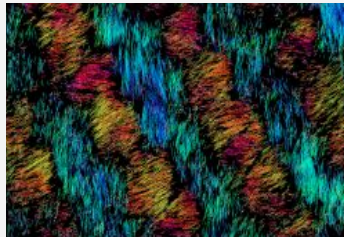
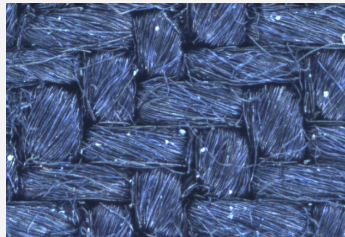
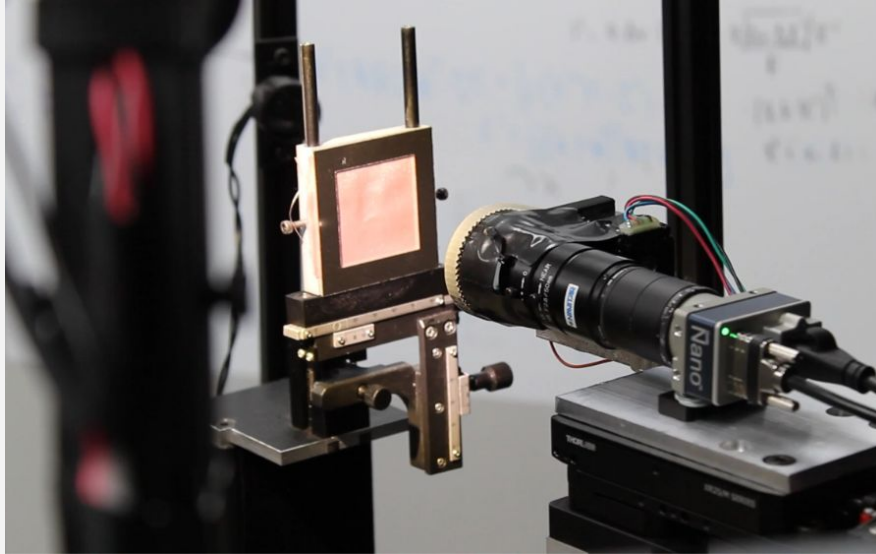
Captura óptica



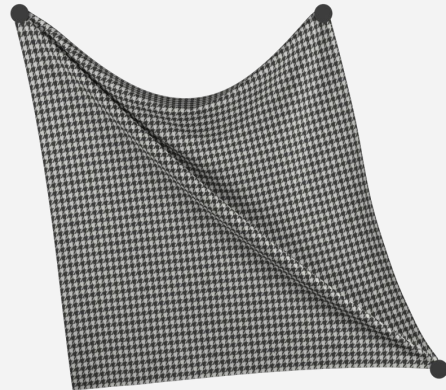
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SEDDI



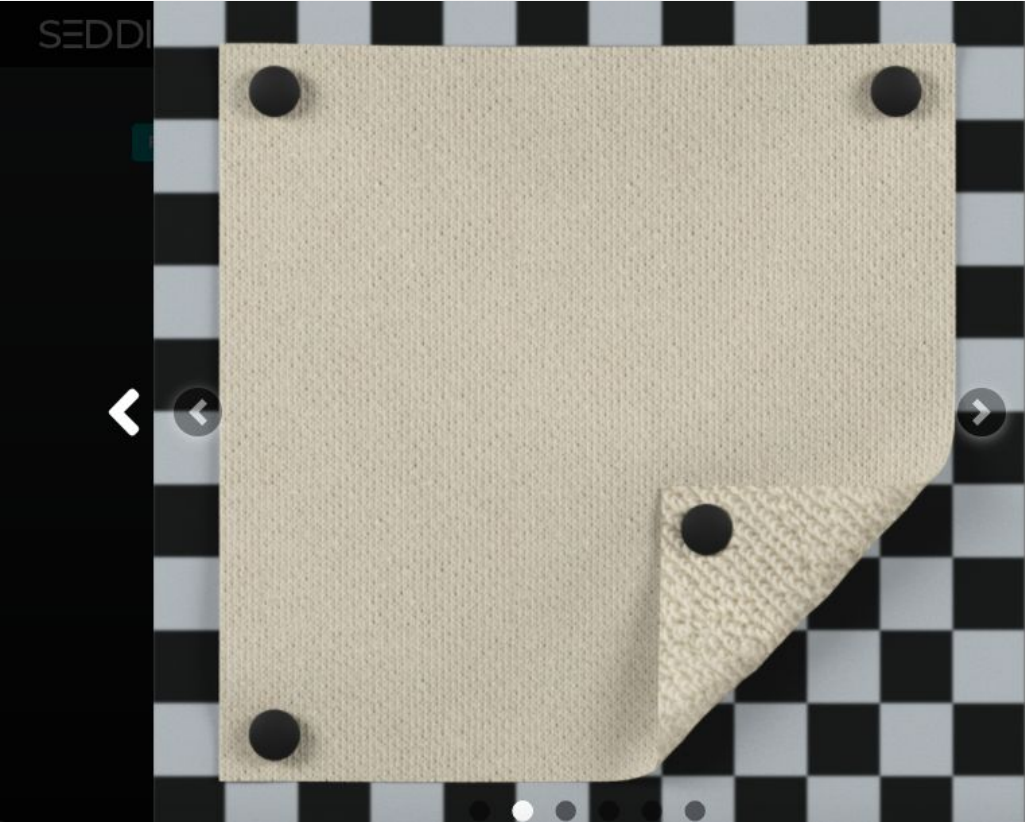
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Fotografía

Simulación





French Terry

[Explore >](#)

 cotton 22% polyester 78%

 187.96 cm

 Swatchon

Price: \$7.84 USD Weight: 367 gsm

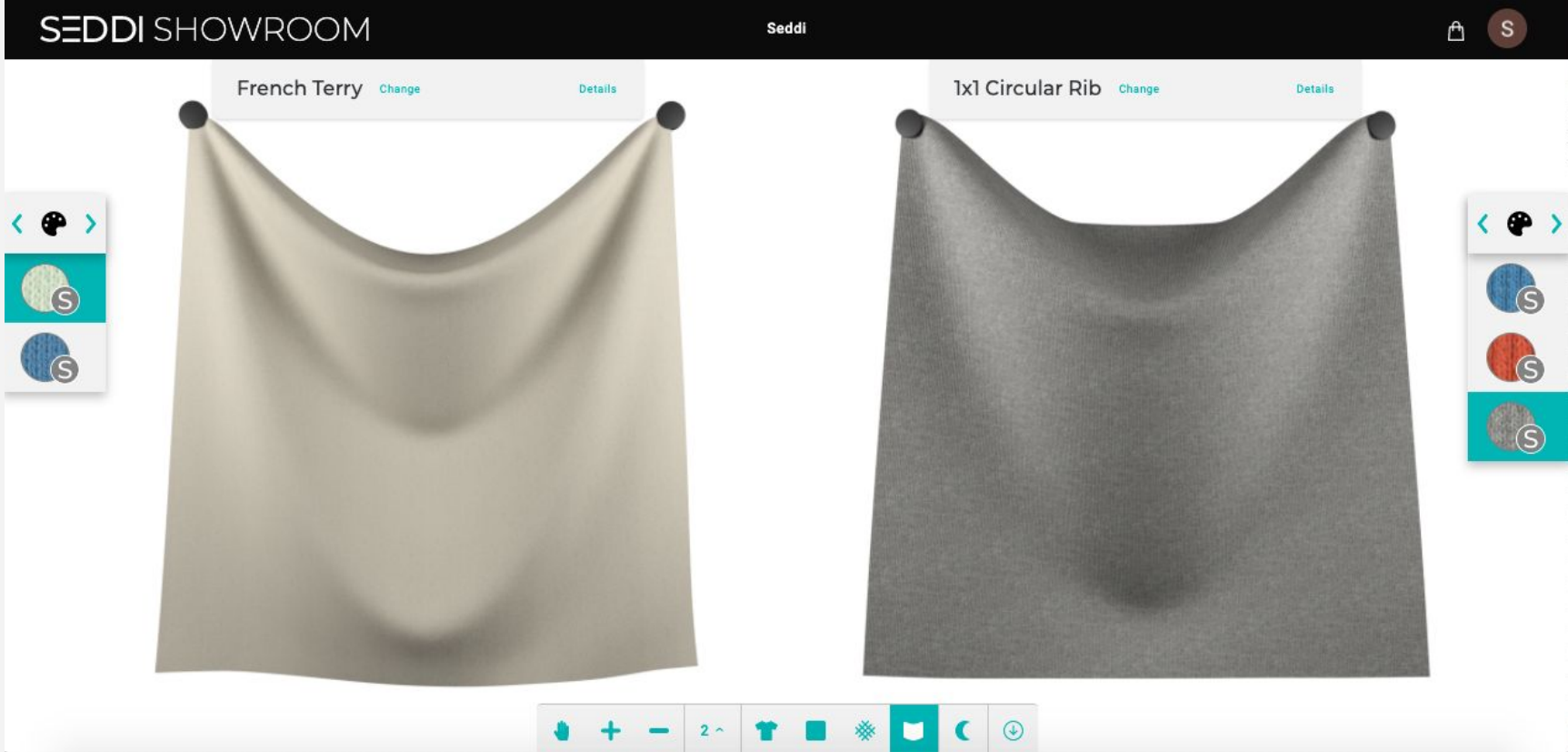
  White

[Dye Colors](#) 

 White

 Blue

 [Download](#)



SED DI SHOWROOM drirelease 🔒 🗣️

Versa Dye 02 [Change](#) ⌵

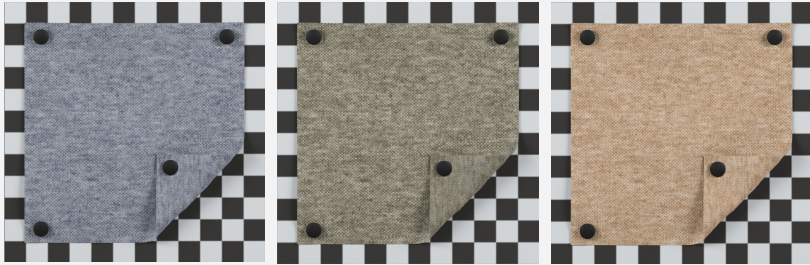
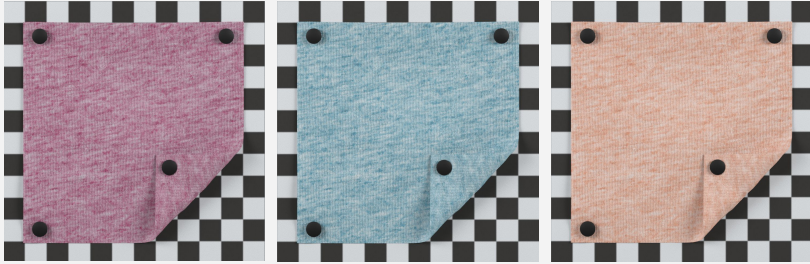
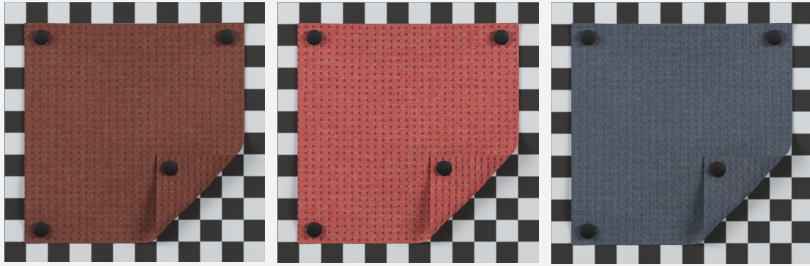
Versa Dye 02 [Change](#) ⌵

- Deep Peacock White
- Hibiscus White
- Dark Purple White**
- Black Blue Aster
- White Hibiscus
- Blue White

🔍

🔍

👤 + - 2 ~ 🗑️ 📄 🌙 ⬇️



tejido digitalizado

variables de color generadas

La preparación, teñido y acabado de las telas consume y contamina grandes cantidades de agua.

Alcance

7

Materiales digitalizados

26

Réplicas generadas

\$70,000

Presupuesto ahorrado en la creación de muestras

43,200

Litros de agua ahorrados en producción

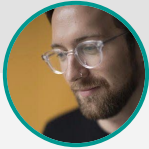
The screenshot shows the SEDDI AUTHOR software interface. On the left is a 'Fabrics' panel with various fabric swatches like 'Pinstripe Suit - Navy', 'Chambray Wool', 'Gingham Cotton', 'Madras Mix - Pink', 'Tartan Viscose - Bl...', and 'french terry-yellow'. The center displays a 2D pattern of a garment with colored lines and arrows. On the right is a 3D rendering of a black garment with a white 'SEDDI' logo and a red and blue stripe. A 'Stitch' panel on the far right shows settings for '4 Needle 6 Thread Cover' with 'ISO: 607'. A chat bubble is overlaid on the 3D rendering.



Sarah
Technical Designer



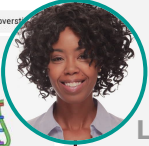
Rick
Factory Pattern Maker



Hugh
Designer



Hannah
Merchandiser



Lisa
Production Manager



Jamie
Product Developer

Can we reduce the logo size?
Sure, I have updated it

4-6

semanas

3-5

muestras antes de llegar a
producción

\$100-\$300

Por muestra




Seam

Seam Type: **General Seaming** ▼

751a: **SSa** ▼

ISO: **101** ▼



Seam Allowance Direction: **Inside** ▼

Seam Allowance Toward: **To Side A** ▼

Seam Margin: **10** mm




Seam

Seam Type: **Single NdI Felled Seam** ▼

751a: **LSc1** ▼

ISO: **20401** ▼



Seam Allowance Direction: **Inside** ▼

Seam Allowance Toward: **To Side A** ▼

Seam Width: **10** mm

“In a digital age, most supply chains run on old principles and processes.”

“Next-generation supply chain—transforming your supply chain operating model for a digital world”
By Christoph Kuntze, Tim Lange, and Andreas Seyfert



SEDDI

CONAMA 2020

Congreso Nacional del Medio Ambiente. #Conama2020



¡Gracias!

#conama2020