

Introduction E-textiles et accessoires intelligents



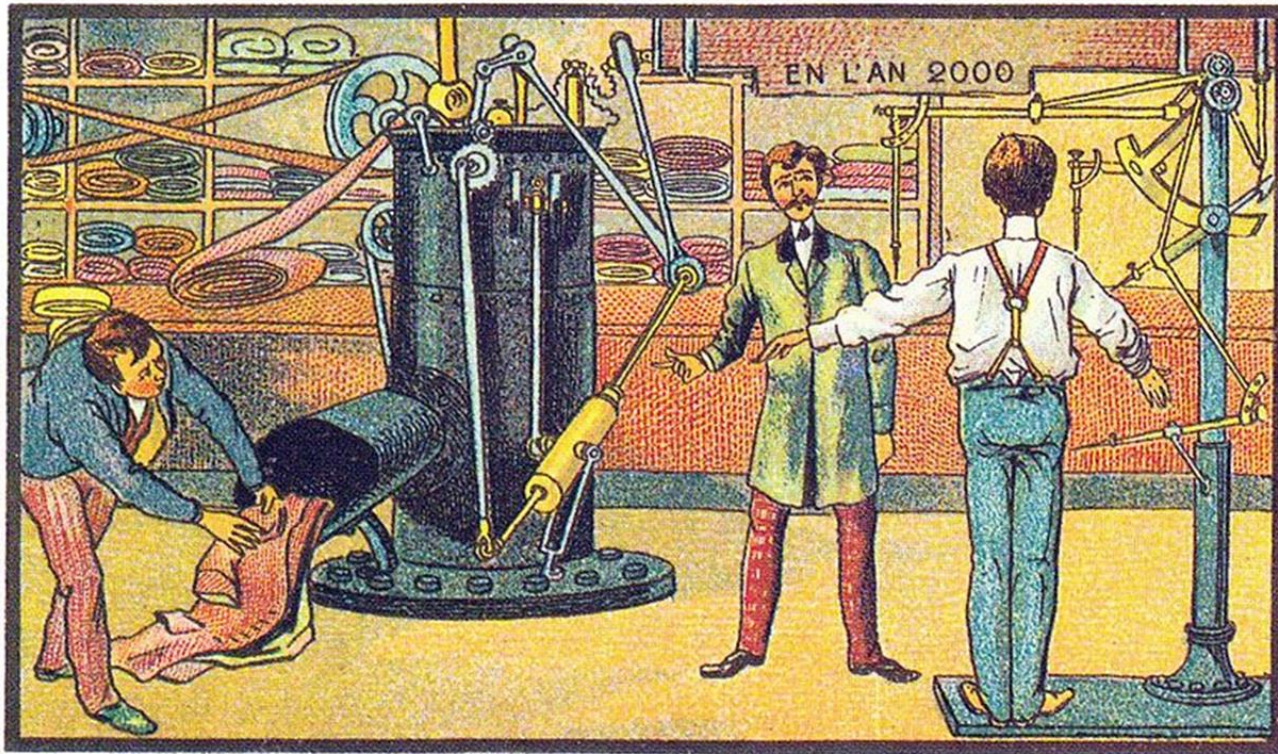
Bruno Mougin

16 Octobre 2017

Journée d'étude



Un jeune secteur en devenir ?



A Tailor of the Latest Fashion



Un matériau omniprésent...



Medtech



Medtech



Sporttech



Clothtech



Mobiltech



Mobiltech



Agrotech



Indutech



Geotech



Protech



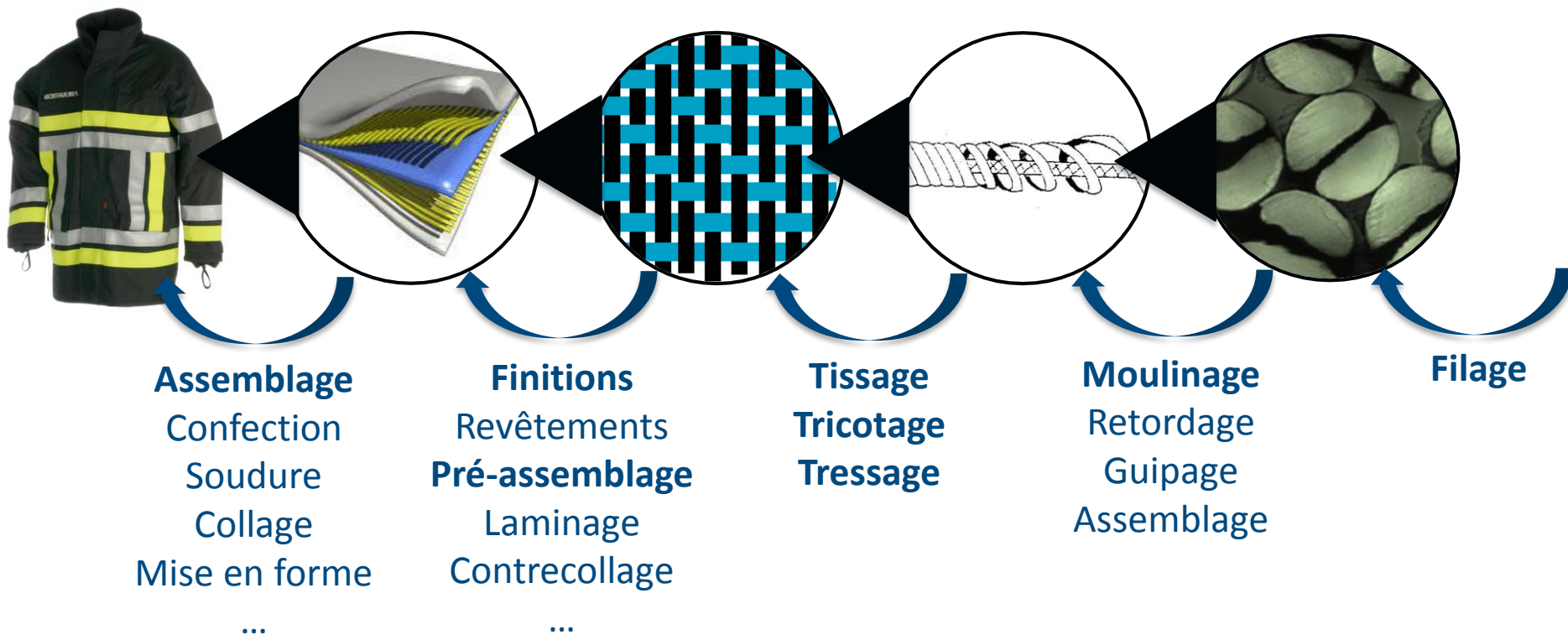
Buildtech



Homotech



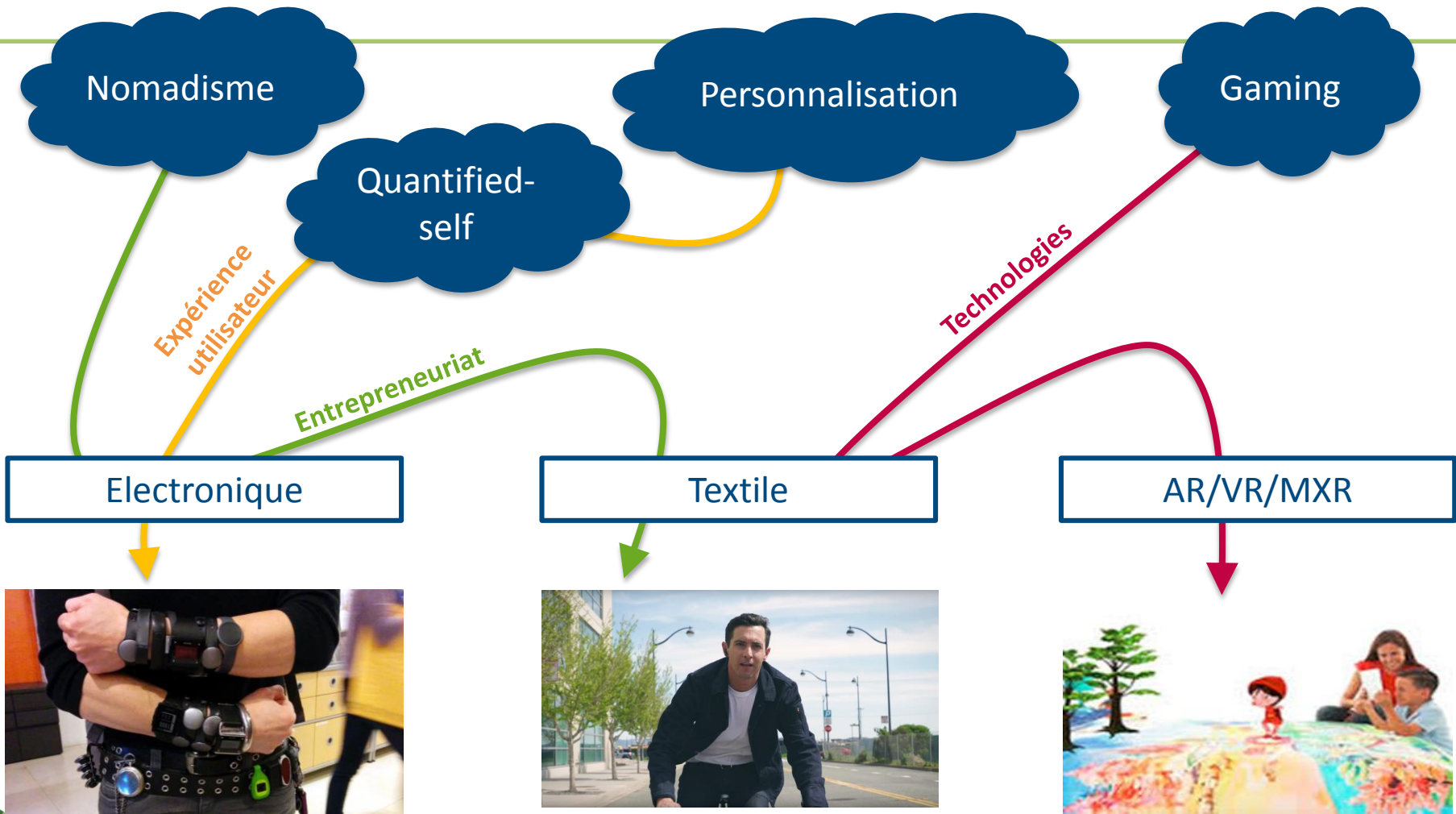
Le multimatériau additif 1D ↔ 3D



Fonctionnel, intelligent, connecté ?



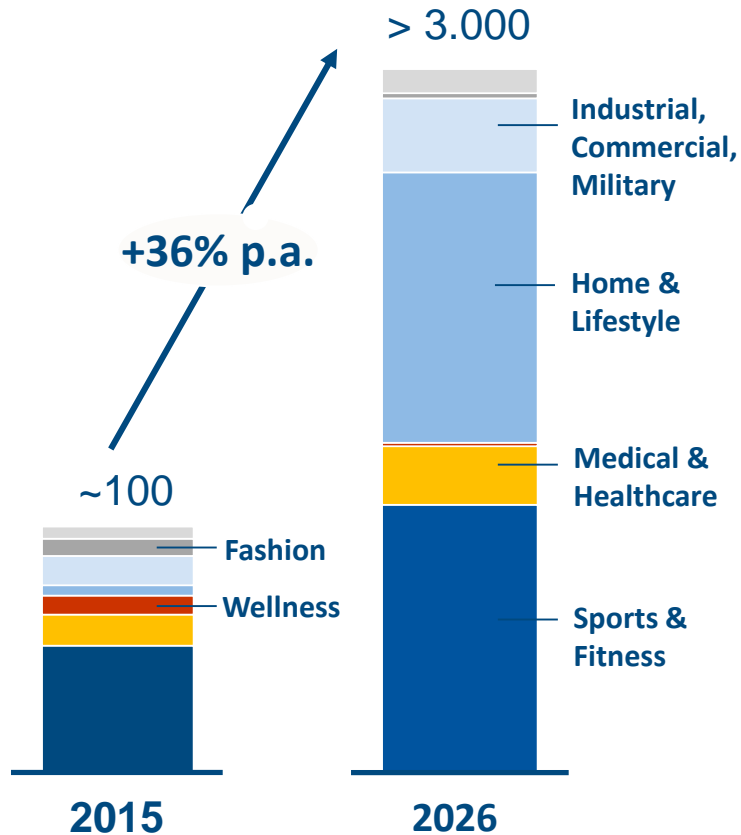
La tendance est au(x) mariage(s)



Le vêtement interface ?



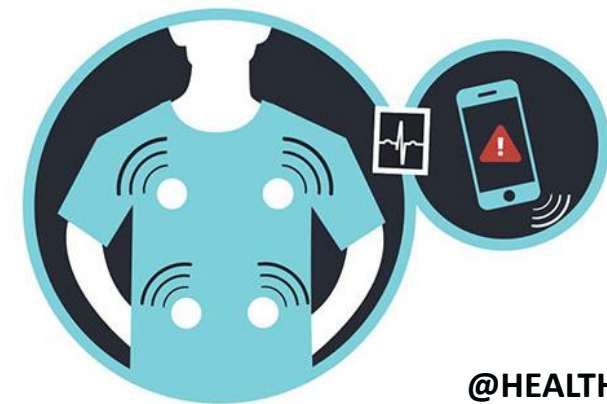
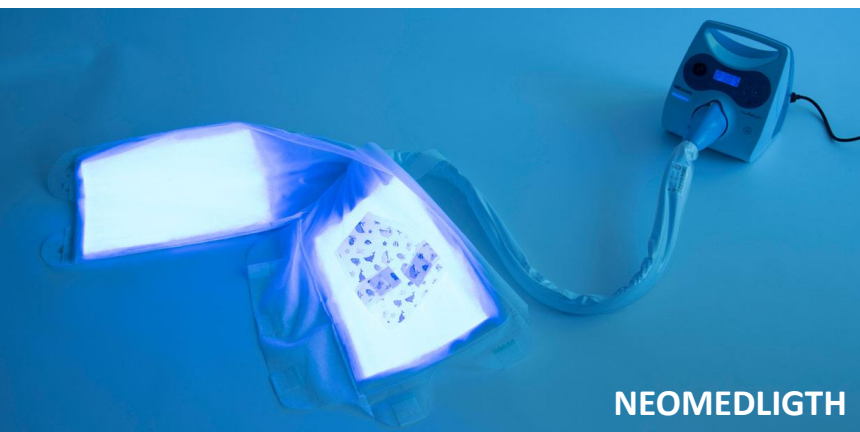
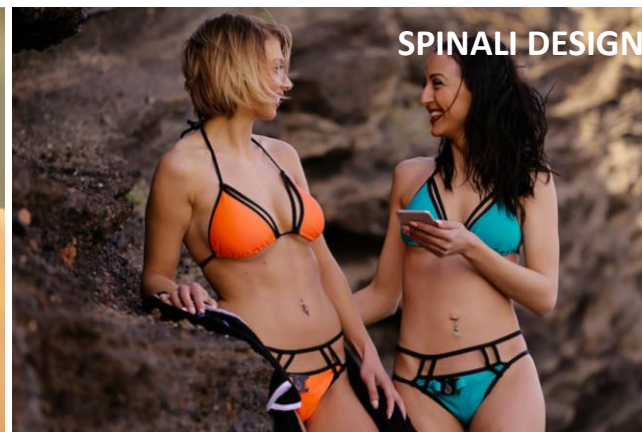
Mais... Quel marché ?



Smart Textiles market size
[USD million] by CAGR

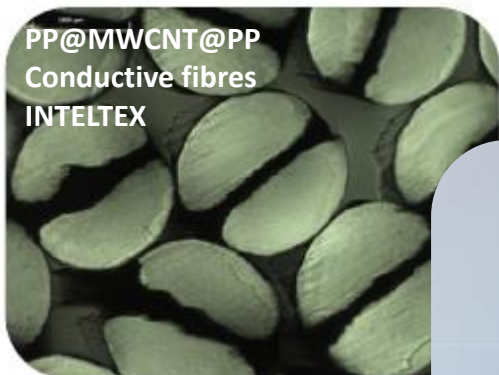


Ce qui est déjà disponible...

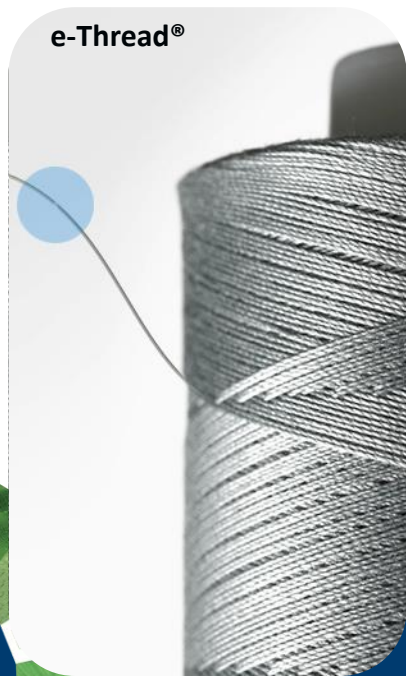


Les fibres – conduction & capteur...

PP@MWCNT@PP
Conductive fibres
INTELTEX

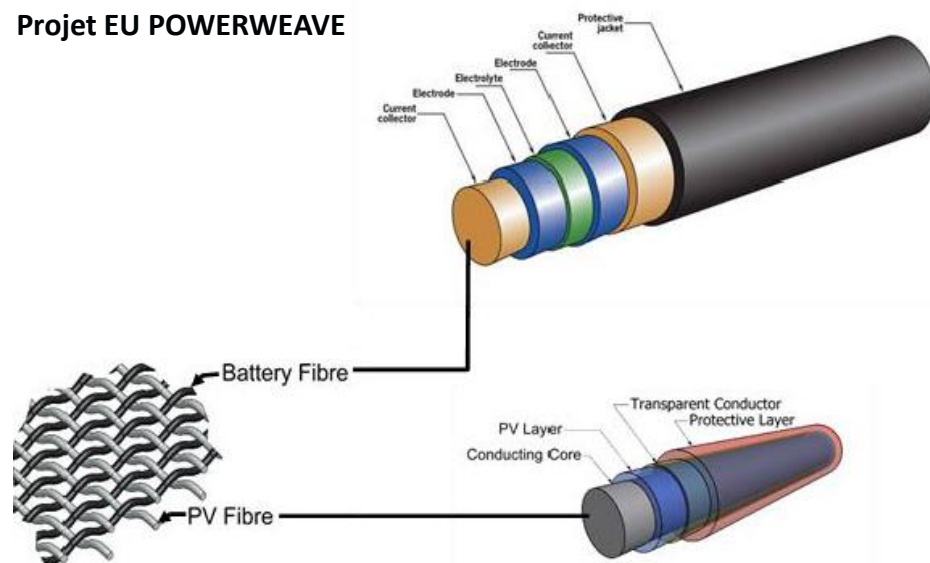


e-Thread®

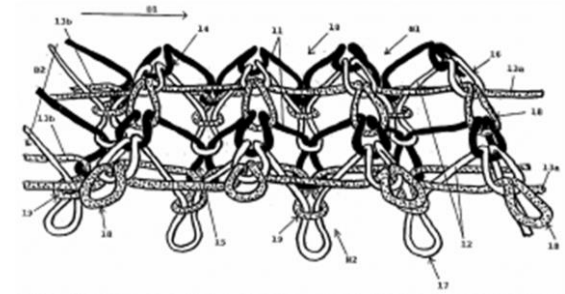


Fibre piezo de TEIJIN
(PLA)

Projet EU POWERWEAVE



Les procédés textiles



Textiles en fibres optiques



www.zsk.de



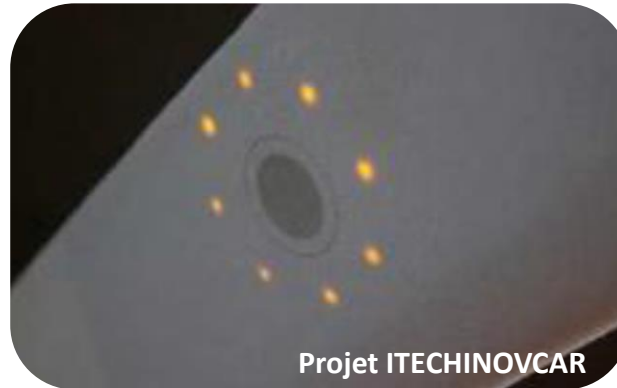
Prototype de muscle artificiel



Applications



Gant interface



Projet ITECHINOVCAR



VISIJACK®

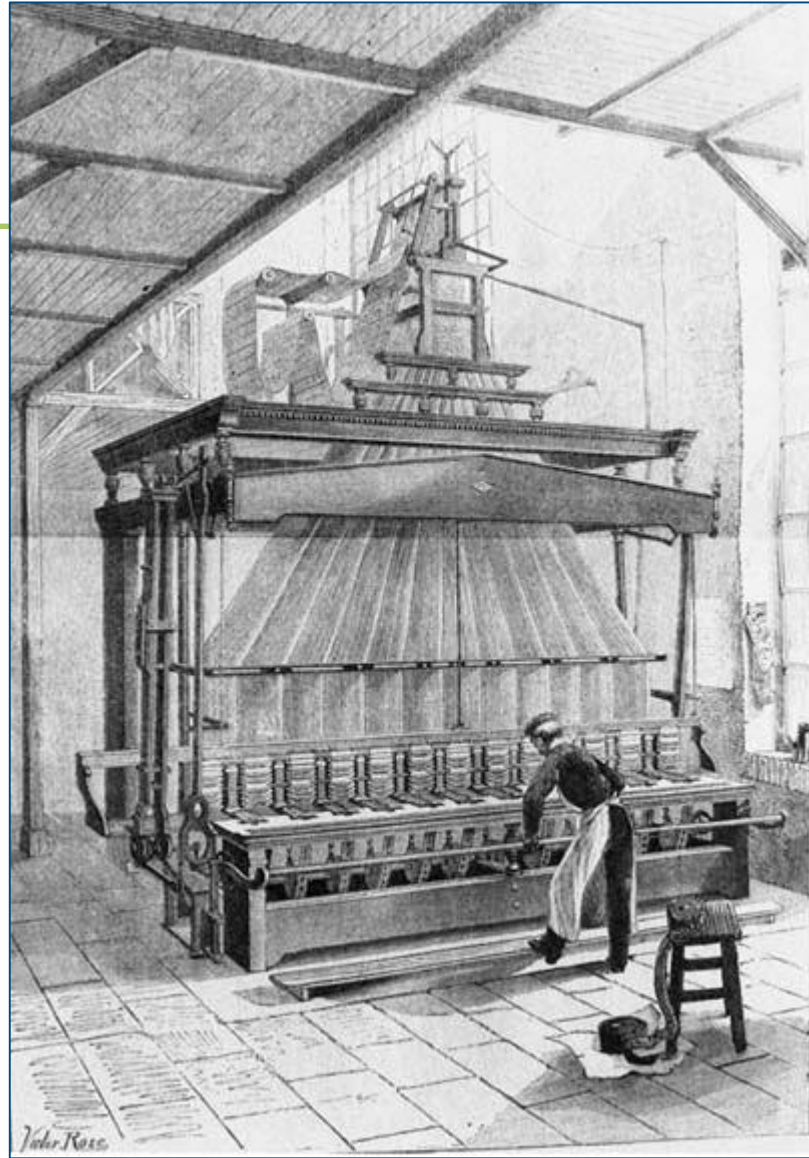


IDTECHTEX



Les acteurs mondiaux de la recherche e-textiles et accessoires connectés





Mission IoT
San Francisco &
Silicon Valley

Think Tank
franco-japonais
Fibretronics

Halle Technique
Prototypage
textile intelligent

16 projets / an
Textiles
connectés

CONTEXT
Réseau Europe
Smart Textile

Formation
Dirigeants et
cadres PME

Club STeW
Smart Textiles &
Wearables

Challenge
Startup
TEXTIVAL

Salons
SIDO – SMART
FABRIC – WTS

Bonnes conférences...

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