



## Focus

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### Techtera support for a collection of used clothing

TECHTERA, the innovation cluster of the textile sector, supports JEPLAN in **its establishment on the territory of a polyester recycling plant** from **the collection of a material deposit to the production of yarn**.

Thereby, **Japanese company JEPLAN launches BRING**, a recycled polyester manufacturing project based on a new chemical recycling solution that breaks with current industrial recycling processes. While the bulk of recycled polyester to date comes from plastic bottles, this industrial process involves the recycling of PET (polyester) of textile origin.

This solution is **a world premiere that eliminates steps** such as dismantling the garment and create an optimum quality level of yarn.

For this first phase of collection of used clothing, **JEPLAN joins forces with the PICTURE brand**, precursor in responsible textile, to **organize a first collection campaign with the support of TECHTERA**.

**PICTURE** designs sportswear clothing and accessories made from minimum 50% recycled, organic or biobased materials.

The cooperation between these two actors concerned about the ecological impact of the sector has become obvious.

**The campaign will be launched in 10 PICTURE stores from 21 January for 1 month.**

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# Our services

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## Get-together to discuss transversal innovations for security and defence

The **security and defence sectors** are **promising markets**, demanding innovation. **Techtera has initiated the ALLIANCE** project at the European level. This joint project, of which the cluster is leader, **aims to create bridges between the textile sectors, IoT (Internet of Things), ICT (Information and Communications Technologies)** and those **working in the defence and security markets**. The project will help cluster members to present their innovations to international markets (USA, Japan and Korea).

**Contact:** Bruno MOUGIN – [bmougin@techtera.org](mailto:bmougin@techtera.org)

## They are members

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### LES MOULINAGES DE RIOTORD

Specialised in silk and wool derivatives such as viscose and acetate. Numerous materials can also be worked.

The company is also equipped with machines for king spool.

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### ENSAD

The National School of Decorative Arts, member of the PSL University (Paris Sciences and Letters) is a public higher education institution administered by the Ministry for Culture. The mission is to train high-level, artistic, scientific and technical artists and designers, also research workers.

Its research laboratory, EnsadLab, is organised around three topics:

- New materials
- Interactions (man-machine, machine to machine)
- Environmental issues

ENSAD also organises studies, especially as regards the concerns of the RECIT and STeW clubs.

**Website:** <https://www.ensad.fr/>

# Your appointments with the cluster

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## February 12 to 14, 2019: PREMIERE VISION show

Parc d'expositions, PARIS NORD VILLEPINTE – ROISSY CHARLES DE GAULLE

Première Vision is the Worldwide Event for Fashion Industry Professionals. Techtera accompanies the companies of the Auvergne-Rhône-Alpes region with the support of UNITEX at the Première Vision Paris show. Having their own stand at the show, firms will also benefit from representation on the joint stand "Silk Fabrics and Jacquards of France" for maximum publicity. Techtera will also have a stand on the Wearable Lab.

**Contact:** Amélie CANIVET – [acanivet@techtera.org](mailto:acanivet@techtera.org)

## February 26, 2019 - Innovation Workshop: the German technical textiles market and interculturalism

For its contribution to the Techtexil show, and in partnership with the Textile Alsace cluster, Techtera proposes continuing the market study as regards German technical textiles and interculturalism.

## March 5, 2019, The Environnement-Maison® programs - Season 2020/2021

Techtera offers manufacturers **a continuous and up-to-date watch on trends in the home environment.**

This training programme **explains how to develop a product creation procedure linked to the season's trends** and, in general, contemporary trends that are changing the sector. You will also learn how to interpret **the evolution in consumer behaviour.**

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## March 12-14, 2019: JEC WORLD TRADE SHOW

Enterprises from the Auvergne-Rhône-Alpes Region return to JEC World

**Unbeatable showcase for the composite textile industry**

Once again, **PLASTIPOLIS, TECHTERA, AXELERA and VIAMECA** renew their **regional pavilion at the JEC WORLD show**, thus providing **maximum visibility and access to many services** for participating firms.

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## March 16, 2019: Techtera contributes to the Academy of Skills (Hermès Foundation)

Techtera will speak on the subject: **R&D - technical fabrics and applications.**

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## March 25-29, 2019: EU-TEXTILE Mission 2030 in Israel

Techtera organises an exploratory technological and market mission for a European delegation from the advanced textiles sector.

On the programme: visit to the main research centres, meetings with startups, companies and potential customers.

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## April 16, 2019 - Innovation Workshop: “Contribute your new ideas for the fashion and luxury sector”

The fourth industrial revolution represents a unique opportunity for development. Every link in the value chain can benefit from using these new technologies.

To facilitate integration of these new digital tools into the fashion and luxury sector, Techtera and DEFI invite you to the Innovation Workshop devoted to two leading technologies of industry 4.0:

**Artificial intelligence and immersive technologies** (virtual, mixed and augmented reality)

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## Life of the members

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### Year 2019 will be intense at Euveka!

Euveka, winner of the “Madame Figaro” BWA (Business with Attitude) competition, was **rewarded in the “next techs” category** for **its intelligent mannequin**. This connected model can take any morphology for prototyping garments, whether for fashion, medicine or sport.

**Website:** <https://www.euveka.com>

### CANOE: Intelligent Fibres/Textiles & Economic Carbon Fibre

CANOE has developed **new piezoelectric fibres capable of generating an electrical signal when deformed**. These fibres are an innovative element for textiles or composite materials that are “intelligent” or sensitive to a stimulus.

Also, CANOE is intensively working on the **development of new low-cost carbon fibre** from lignocellulosic sources. These are used as mechanical reinforcement in composites, such as electrode material for energy storage or piezo-resistive sensors.

**Website:** <http://www.plateforme-canoie.com/>

<https://www.aquitainechimiedurable.fr/communaute-innovation/>

# Calls for projects

## EUROPEAN AND INTERNATIONAL CALLS FOR PROJECTS

### **FAST TRACK TO INNOVATION (Permanent)**

European funding for joint projects close to the market

More information: <https://ec.europa.eu>

Contact: [bmougin@techtera.org](mailto:bmougin@techtera.org)

### **SMEINST (Permanent)**

European funding for bilateral projects in (enlarged) Europe for companies performing well in R&D

More information: <https://www.Étars-eureka.eu/about-Étars>

Contact: [bmougin@techtera.org](mailto:bmougin@techtera.org)

### **EUROSTARS (Permanent)**

European funding for bilateral projects in (enlarged) Europe for companies performing well in R&D

More information: <https://www.Étars-eureka.eu/about-Étars>

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### **Funding BPI-ACCIO (Permanent)**

Funding for bilateral projects France-Catalonia.

More information: <http://www.bpifrance.fr>

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## **CART'TEX**

### **Call for applications for the CART'TEX chart (reserved for TECHTERA members)**

Textile companies wishing to join "CART'TEX", the chart of textile skills created by TECHTERA, can make themselves known to Bruno MOUGIN.

**The CART'TEX database is the daily tool of the cluster for managing the search for partners for all projects, and for the response to business opportunities.**

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## **Techtera**

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**Auvergne-  
Rhône-Alpes**

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la métropole

**UNITEX**  
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