



## Edito

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### A great start for the “Project factory” after the holidays!

By Bruno MOUGIN, Projets Manager at Techtera

With the holidays over, the period has been intense as regards **project approval** and submission of files; both for the Techtera innovation cluster and for its members.

#### The textile ecosystem is particularly dynamic!

**Six projects have been approved**, including five submitted following the **PSPC REGIONS national call for projects**. The quality of the files is remarkable despite the limited time between the announcement of the call for projects and the mid-September deadline for submission.

In total, Techtera submitted **eleven Research & Development & Innovation projects** between September 4 and 12, totalling **85 partners**, including 29 small/medium enterprises, 22 associations and innovation clusters, 10 major groups and 24 research centres; for a total budget of **€42.5 million**, all partners combined.

The Techtera innovation cluster is itself partner in four projects submitted; all destined for the European call for projects.

We keep our fingers crossed so that all these projects are selected. The results are expected between November 2019 and February 2020, depending on the calls for projects.

## Focus

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### The “Comfort and Smart Textile” theme presented at the Nara symposium (Japan)

Techtera was invited to the “Comfort and Smart Textile” international symposium, **organised by the JAPAN RESEARCH ASSOCIATION for TEXTILE END-USES**, which brought together more than 400 participants. The workgroup was linked to a poster session presenting innovations on: **Smart textiles - Textile and fibre materials - Dyeing and textile processes - Textile cleaning and washing - Garment creation - Consumer experience and psychology**.

For more information: [cfarace@techtera.org](mailto:cfarace@techtera.org)

# Our services

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## Discover innovative Japanese fibers!

Techtera has been **active in Japan** for more than 10 years, especially through **working upstream in the textile sector with the search for innovative materials**. The exchanges and meetings initiated by the cluster, as well as the challenge of working on the supply of raw materials, led to the **signing of the Memorandum of Franco-Japanese Cooperation on Textiles**, which has since been renewed.

Thanks to this partnership, Techtera can offer its members access to a **catalogue dedicated to presenting innovative Japanese fibres**. It includes more than 500 fibres, classed according to their function.

If this information interests you, please don't hesitate to contact the Techtera team.

**Contact:** Julie RAFTON-JOLIVET – [jrafton@techtera.org](mailto:jrafton@techtera.org)

## They are members

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### BLANCHARD

**Specialist for textile yarns and techniques and traditional fringes**, BLANCHARD is essential on the French and European markets. **With a wide range of machines, combining tradition and innovation**, advanced technologies and rare ancient techniques, BLANCHARD offers a large panoply of textile and industrial products.

Click [here](#) to see the full article.

**Website:** <https://www.blanchard.fr/en/>



### NDS-Electronics

Based in Clermont-Ferrand, NDS-Electronics, a medium-sized firm, **specialises in designing electronic cards**.

NDS-Electronics supports companies in their analogue **electronic, digital and mixed development projects** - simple or complex.

Click [here](#) to see the full article.

**Website:** <http://nds-electronics.com/>

### **They are also members:**

[AFELIM](#) | [BALSAN](#) | [CARLHIAN](#) | [CTMI - COTTON TEXTILES POUR MATÉRIAUX INNOVANTS](#) | [DIATEX](#) | [EUROPROTECT](#) | [ITECH](#) | [MILLET](#) | [SALOMON](#) | [THUASNE](#) | [TRIVALLEES](#)

# Your appointments with the cluster

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## October 14-18, 2019: USA ALLIANCE Mission

As **leader of the European project ALLIANCE**, aiming at the internationalization of companies, Techtera Cluster supports you on an international mission to the United States.

### Programme :

- 14th october: market brief and conference
- 15th october: BtoB meetings at the AUSA Annual Meeting and Exhibition
- 16th to 18th october: BtoB meetings alongside American companies and partners

\***AUSA** : Annual reference event in the field of Defence and security in the United States, Army Senior Officials Meeting, exhibition dedicated to the presentation of innovations in ground Defence

<https://www.ausa.org/2019-ausa-annual-meeting-exposition>

The **ALLIANCE project** brings together 7 European clusters and assists companies in the Defence, security and security markets in the USA, Japan and South Korea

<https://www.techtera.org/en/latest news/>

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## October 15-16, 2019: CONTEXT, Conference and workshop on Textile Innovation for Building and Living – Mainzer Landstr. 55 – FRANCFORT

On **15th & 16th October 2019**, CONTEXT will jointly organise with the Textile ETP, IVGT (German Technical Textile Association) and FKT (German Textile Research Council) an International Seminar on Advanced and Smart Textiles in Architecture, Construction & Living Environments. The 2-day event will take place in **Frankfurt, Germany**.

It will bring together researchers, designers and architects as well as companies from the technical textiles and construction sector to exchange on new textile-based solutions for architecture, construction, infrastructures, indoor and outdoor living spaces as well as the evolving end market needs in these sectors.

[See](#) the programme.

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

## November 5-8, 2019: A+A (Trade show for safety, security and health at work) - DÜSSELDORF - GERMANY

**A+A** is recognised as a key event for the textile industry dedicated to protection, safety and health at work. Every two years, this trade show offers a **complete overview of processes and new materials in the field of personal protective equipment**.

For its last edition, there were more than 1,930 exhibitors and 67,000 visitors over the four days of the show, there to highlight their skills to key-accounts; thus, developing their business relations and opportunities.

Techtera, in partnership with Business France, accompanies **six firms at the French pavilion** - in **Hall 9 - D61-2**.

Our innovation cluster will also have its stand, to present **joint projects of its members** plus the **new technical hall, the "TechteraFab"**. Visitors can be redirected to the exhibition spaces of the French delegation.

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## **November 18, 2019: Europe Ambition Day** – Hôtel de région - 1 Esplanade François Mitterrand, 69002 LYON

Techtera is a partner of the third Europe Ambition day of the year, which aims to bring together companies, academics and regional actors around the theme of European funding and especially **funding for research and innovation** as part of the Horizon2020 programme.

### **On the day's agenda:**

- A full open conference
- Thematic workshops presenting European funding programmes
- Individual meetings with national contact points, representatives of Horizon2020 programmes
- Individual meetings and practical workshops on the following themes:
  - Digitalisation - Computers - Industry of the future
  - Circular economy
  - Defence and security
  - Energy, environment, climate, smart city, mobility
  - Health
  - Small to medium enterprises (Accelerator, Eurostars)
  - Creative Europe
  - Bpifrance bilateral cooperation

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## **January 7-10, 2020: First "French know-how" presentation forum on Heimtextil** – FRANFURT - GERMANY

For the next edition of the Heimtextil trade fair, Techtera is supporting textile companies at **the largest international textile fair devoted to home textiles**.

In addition to support for exhibiting companies, Techtera invites you to participate in the first **"French savoir-faire" Forum, dedicated to promoting French textile know-how**. Your **various products will be on show** in Forum 4.1, "*Decorative and furniture fabrics*".

This space, whose scenography will be **based on your flagship and innovative products**, aims to provide a **double presence for companies already exhibiting**. It will **give a new perspective to your products** while capturing visitors, who will be redirected to your stand to discuss in more detail.

For **companies unable to get a stand** or **want to test the show**, this forum will allow you to benefit from a highlight of **three flagship products and presence on the event's official catalogue**. You can participate in the show **as a visitor**, so at a lower cost, while benefiting from an innovative and creative exhibition space. You can then **go with your prospects to this dedicated space** and show them your products presented creatively, and adapted to your vision.

You will also benefit from **dedicated communication**, such as publication of your company on the "French savoir-faire" presentation catalogue, press publications, an approach to brands and business partners, etc.

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## **March 3-5, 2020: JEC WORLD 2020 (Trade show dedicated to composites) - Parc des expositions - PARIS NORD VILLEPINTE**

**JEC World** is the international trade show **federating the world composites industry**. It provides users with a complete overview of **processes, new materials and dedicated solutions**. This unique event brought together more than 1,300 exhibitors and 43,500 visitors over the three days of the trade fair, giving exhibitors the opportunity to **develop their relationships** and **showcase their know-how** to key-account visitors.

Axelera, Techtera, Plastipolis and Viaméca renew their participation at this show on the **Composites Auvergne-Rhône-Alpes joint stand**.

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# Life of the members

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## Satab has been awarded the Innovation Trophy of the Haute-Loire Chamber of Trades and Crafts

Satab received the **“trophy for great financial world ideas” awarded by the Haute-Loire Chamber of Trades and Crafts**, which rewards the most successful firms in partnership with the EDF (*French electricity company*).

Click [here](#) to see the full article.



## Fibroline and Himiesa license agreement for a dry-dye process for yarn

HIMIESA & FIBROLINE SA, in cooperation with the UPV (*Polytechnic University of Valence*), have signed an **exclusive license agreement** for the **industrialisation of an innovative technique for dry-dyeing yarn**.

Click [here](#) to see the full article.



## Third edition of the Hackamode FashionTech Challenge

On October 17, “La Fabrique” is organising the **third edition of its Hackamode FashionTech**. This student challenge, open to fashion, commercial and engineering schools (management, fashion, manufacturing, etc) ...

Click [here](#) to see the full article.



## AI in the textile and clothing industry - Nomination of AI coaches within the DITF (German Textile Institute)

Artificial intelligence (AI) has entered the textile and clothing industry!

However, not all companies know how and where to profit from it.

Click [here](#) to see the full article.

# Calls for projects

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## EUROPEAN AND INTERNATIONAL CALLS FOR PROJECTS

### **Materials for off shore energy (IA) (Closing: December 12, 2019)**

More information: <https://ec.europa.eu/info/funding-tenders>

### **Open Innovation Test Beds for nano-enabled bio-based materials (IA) (Closing: December 12, 2019)**

More information: <https://ec.europa.eu/info/funding-tenders>

### **Open Innovation Test Beds for materials for building envelopes (IA) (Closing: December 12, 2019)**

More information: <https://ec.europa.eu/info/funding-tenders>

### **Decarbonising long distance shipping (Closing: January 9, 2020)**

More information: <https://ec.europa.eu/info/funding-tenders>

### **Innovative textiles –reinventing fashion (Closing: January 22, 2020)**

More information: <https://ec.europa.eu/info/funding-tenders>

### **Industrialisation of building envelope kits for the renovation market (IA) (Closing: February 5, 2020)**

More information: <https://ec.europa.eu/info/funding-tenders>

### **Innovative nature-based solutions for carbon neutral cities and improved air quality (Closing: February 13, 2020)**

More information: <https://ec.europa.eu/info/funding-tenders>

### **Improving the sorting, separation and recycling of composite and multi-layer materials (Closing: February 13, 2020)**

More information: <https://ec.europa.eu/info/funding-tenders>

### **Develop and pilot circular systems in plastics, textiles and furniture sectors (Closing: February 13, 2020)**

More information: <https://ec.europa.eu/info/funding-tenders>

### **Advanced light materials and their production processes for automotive applications (Closing: April 4, 2020)**

More information: <https://ec.europa.eu/info/funding-tenders>

### **EUROSTARS (Permanent)**

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

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

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**

**GRAND LYON**  
la métropole

**UNITEX**  
Auvergne Rhône-Alpes