



## Edito

---

### TechteraFab, Industrial acceleration platform!

By François-Régis NEPOTE VESINO, Techtera Projects Manager

Techtera aims to support textile firms in their innovation procedures. This is through:

- Giving firms access to Techtera's industrial acceleration base: The "Techtera Fab"
- Investment or co-investment pooled by Techtera for the textile industry
- Help with organising and bringing projects to maturity

To accelerate and support local and national ambitions, our innovation cluster has inaugurated an industrial acceleration base. This will enable businesses associated with textiles to innovate more easily. It will generate a higher success rate, achieved by using external resources. We will also speed up this process by helping with project organisation and finding partners.

Established in the heart of a favourable textile ecosystem, bringing together technical centres, schools and manufacturers, the base benefits from a completely pre-equipped environment (water, compressed air, electricity), designed to adapt to your needs and accommodate your innovative partnership projects.

Techtera Fab accelerates your innovative projects and responds to your industrial flexibility requirements through:

- Endorsement of pre-industrialisation processes
- Authentication of economic models
- Receiving demonstrators
- Making prototypes

Techtera acts through Techtera Fab as a catalyst for your projects, by facilitating access, being at your side and supporting you in the organisation and development of your projects.

## Focus

---

### Call for Expressions of Interest in the Defence and Security Markets, EU-ALLIANCE!

**Are you working in the Defence or Security markets? Are you looking to increase your international development? Take advantage of the opportunities generated by the EU-ALLIANCE Group!**

The European EU-ALLIANCE project has been officially launched. Techtera is the coordinator, with the help of five major partner clusters.

The aim of the cluster and its partners is to **support the internationalisation of small/medium enterprises in the fields of technical textiles, connectivity, cutting-edge technologies and advanced materials** in order to tackle dual-use defence/security markets in four target countries: the United States, Canada, Japan and Indonesia.

Techtera and its partners are organising a Webinar (*Web conference*) on November 25. This is to present the project and the resulting opportunities.

This Webinar is also an opportunity to position yourself, and benefit from the services generated by the project - free of charge! - (market research, trade missions, B2B meetings, etc). You can communicate your needs and **join the selection of companies that may benefit from European support for these activities.**

Apart this objective of internationalisation, the project also aims to **promote intra-European collaboration and interaction** between the members of the partner clusters.

**See you on November 25 for a presentation of the upcoming opportunities!**

The EU-ALLIANCE project is funded by the European Union's COSME programme. It brings together six key clusters representing nearly 900 companies: Techtera (France); Systematic (France); PO.IN.TEX - Textile innovation cluster (Italy); NTT - Next Technology Tecnotessile (Italy); NIDV - Industries for Defence and Security (Netherlands); SIIT - Intelligent System Integrated Technologies (Italy).

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

## Our services

---

### Techtera is developing in the creative textiles sector!

Techtera supports those working in the fashion, luxury and furnishing/decoration sectors through a variety of actions. Among these, the cluster offers a presence in Techtera's "La Caserne" Fabric Library; also, support at Heimtextil, the sector's flagship trade fair.

#### **La Caserne X Techtera: a Parisian foothold with numerous brands**

Techtera is joining forces with **La Caserne, another place devoted to responsible fashion**, to offer manufacturers in the textile sector the opportunity to exhibit their sustainable and innovative fabrics in a **dedicated showroom**, the first devoted to **eco-responsible materials in the heart of Paris**.

The aim is to generate business opportunities for participants with brands in the La Caserne ecosystem. To do this, companies will exhibit samples in the Techtera "La Caserne X" Fabric Library. Guided tours organised by La Caserne and dedicated Techtera events will be deployed to showcase and publicise the know-how of firms engaged in eco-responsible production.

Companies can subscribe to a presence in the fabric library for six renewable months.

## Heimtextil: Increased visibility at the largest international home textile trade fair!

Techtera will be present at Heimtextil, the main trade fair dedicated to the home textiles market; with almost 3,000 exhibitors and 63,000 visitors. For the second year, Techtera is organising the “French Savoir-Faire” forum.

This promotional stand will highlight the quality, originality and innovation of French companies. Participants will be able to exhibit their flagship products and benefit from maximum visibility, as well as redirecting visitors to their own stand if they are exhibiting individually. Eligible small/medium enterprises and medium-sized businesses will also benefit from a subsidy from the Auvergne-Rhône-Alpes Region for their stand costs.

The Techtera support will also include a report from a study on the German furnishing market, to help participants identify opportunities.

**Contact:** Lucie LAGARRIGUE – [llagarrigue@techtera.org](mailto:llagarrigue@techtera.org)

## They are members

---



### POLYIMAGE

With its own research laboratory and small pre-industrial machines, POLYIMAGE develops innovation programmes in the field of materials and, more particularly, adaptive materials and systems - sometimes called intelligent.

For 25 years, POLYIMAGE, a private organisation approved by the CIR (*tax credit for research*), has supported its clients in the design and improvement of products, systems and processes; thus, creating added value, which has resulted in some of its clients now filing patents.

Today, after three years of research and development carried out internally, POLYIMAGE wishes to bring to the market new eco-responsible and recyclable thermal-storage materials. These are aimed in particular at the textile market, where POLYIMAGE is looking for partners.

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



### LOCIE

Created in 2012, is a mixed research unit (UMR 5271) of the University of Savoie Mont Blanc and the CNRS (*French National Centre for Scientific Research*). This laboratory has seventy members working in **sciences concerning engineering and systems**; more particularly in the field of **building and sustainable energy**.

LOCIE is also a member of the “Carnot Energies of the Future Institute” and a partner of the National Solar Energy Institute (INES). It is based on real scientific diversity, with expertise in: Process engineering, Energy, Thermodynamics, Building physics and systems, Renewable energies such as solar, geothermal and anergy (*a state of immune unresponsiveness*), Mechanics and Materials.

Added to this, it has methodological skills in design, modelling and optimisation.

LOCIE is organised into three teams, whose orientations are broken down into three themes: STEP - Energy Systems and Processes; BASE - Sustainable building: Structure and Envelope; SITE - Systems and buildings integrated into the city and territories.

**Website:** <https://www.univ-smb.fr/locie/>

## Your appointments with the cluster

---

### November 25, 2021: Defence & Security Opportunities - Internationalisation & Intra-European Interaction

The European project EU-ALLIANCE aims to **support the internationalisation of small/medium enterprises in the fields of technical textiles**, connectivity, advanced technologies and advanced materials. This is **in order to address the dual-use defence/security markets** in four target countries: the United States, Canada, Japan and Indonesia.

In this context, Techtera and its partners are organising a Webinar to present the project and the resulting opportunities.

This Webinar will also be an opportunity for you to position yourself and benefit, free of charge, from the services generated by the project (market research, trade missions, B2B meetings, etc), communicate your needs and join the selection of companies that may benefit from European support for these activities.

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

### December 1-2, 2021: Performance Days Trade fair (Sport) - MÜNCHEN - GERMANY

**Performance Days** is the meeting place for fabrics, knits and textile accessories for applications in functional sportswear and sporting leisure.

6 companies are accompanied by Techtera on Performance Days: [BALAS TEXTILE](#), [CHAMATEX](#), [HENITEX](#), [MONTDOR](#), [MOULINAGE DU SOLIER](#), [TISSAGES RECORBET](#)

**Meet Techtera and these 6 companies on stand F18.**

**Balas Textile** and **Chamatex** will also be present on their own stand: respectively, **stands G09 and E19.**

This action is supported by [Auvergne-Rhône-Alpes Region](#).

**Contact:** Robin ODDON – [international@techtera.org](mailto:international@techtera.org)

### Januray 11-14, 2022: Heimtextil Trade show (Home textiles) - FRANKFURT – GERMANY

Techtera will be present at **Heimtextil**, the main exhibition dedicated to the home textiles market; with more than 2,900 exhibitors and 63,000 visitors.

For the second year, Techtera is organising the “French Savoir-Faire” forum. This promotional stand will highlight the quality, originality and innovation of French companies.

Participants will be able to exhibit their flagship products.

*This action benefits from the support of **Région Auvergne-Rhône-Alpes Région**.*

**Contact:** Lucie LAGARRIGUE – [llagarrigue@techtera.org](mailto:llagarrigue@techtera.org)

**March 8-10, 2022: JEC WORLD 2022 Trade show (composites)** - Parc des expositions - PARIS NORD VILLEPINTE - FRANCE

**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** with the support of the **Auvergne-Rhône-Alpes Region**.

**Contact:** Lucie LAGARRIGUE – [llagarrigue@techtera.org](mailto:llagarrigue@techtera.org)

## Life of the members

---



### Inauguration of the MALICS Platform during CTP meetings (Technical Centre for Paper)

The CTP (*Technical Centre for Paper*) opened its doors again on October 13 for a day full of discovery. This day enabled around thirty French industrialists (from the paper making, printing, transforming and supplying sectors) to (re)discover, through **concrete examples, the creativity and capability of the CTP to transform scientific projects into genuine financial realities**. These presentations are paired (an industrialist and a CTP specialist). They demonstrated that these projects offer real industrial transfer possibilities.

On this occasion, the CTP **officially inaugurated its industrial and technological platform “MALICS”** in the presence of manufacturers and political representatives. MALICS is the acronym for “Structured Lignocellulosic Materials”. **It is dedicated to innovative packaging.**

This **centre, financially supported by the Auvergne Rhône-Alpes Region**, has been making innovation possible for four years; and thus **create the bio-based functional packaging of tomorrow**.

**Website:** <https://www.webctp.com/en>



### The AFTER project: Functional Eco-Responsible Textiles Finishes

Since sustainable development is now at the heart of our society's concerns, manufacturers are invited to give increasing importance to the development of renewable natural resources - as well as to the consideration of public



health constraints. **Textile finishing processes using chemical finishing treatments** are no exception to these priority issues.

**The AFTER project** (*Functional Eco-Responsible Textiles Finishes*) responds to the PIA3 call for projects “**Sustainably produce and eco-design new materials or new Textile Linen Shoes, through the development of eco-technologies for the manufacture of textiles with high-environmental performance, especially during the finishing stages**”.

The AFTER project follows on from the **FUI NOFORMOL project, supported by Techtera**. It is dedicated to easy-care finishes that do not use urea-formaldehyde resins; and its work has yielded convincing results. Its aim is to perfect the treatments developed during the NOFORMOL project and **to study eco-responsible alternatives to perfluorinated resins for water-repellent finishes and halogenated molecules for fire-retardant treatments**. The project is based on **implementing a “gentle” chemistry in order to produce textile demonstrators on a pilot scale** under industrial conditions. These are intended for the PPE (*personal protective equipment*), Clothing, Sport and Leisure and Household linen markets - with commercial targets at the end of the project.

Results will be disseminated to the industry in collaboration with the UIT (*Textile Industries Union*).

**Website:** [www.ifth.org](http://www.ifth.org)



### **Diatex supports upcycling to recover its unsold and downgraded materials**

By confirming its partnership with Ratio, a young Lyon brand, which specialises in leather goods made from upcycled materials, Diatex is demonstrating its commitment and willingness to explore new **solutions for recovering its production surpluses and downgraded materials**.

The **recovery solution for downgraded or unsold fabric stocks** through **upcycling** complements the effort to recycle raw material waste from the weaving stage.

Since March, more than **1,000 metres of fabrics** have already been collected by Ratio - to find a new destination from its production.

Thanks to making its technical know-how accessible to handicraft enterprises, Diatex demonstrates its support for the principle of the **circular economy**, which is also directly linked to its **corporate social responsibility policy**.

The handicraft production methods then make it possible to optimise these “sometimes” downgraded stocks as much as possible, by manually isolating any faults.

Sharing a taste for first-rate materials and uncompromising projects, the two organisations wish to question the life cycle of materials and production waste.

In fact, by choosing to work with non-upgraded raw materials coming from the textile industry, Ratio clearly demonstrates its **eco-design approach**. Thus, each product is an opportunity to give new life to fabrics destined for destruction or recycling.

Some examples resulting from this partnership in the first range of products launched by Ratio: <https://ratio-bags.com>.

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

# Calls for projects

## EUROPEAN AND INTERNATIONAL CALLS FOR PROJECTS

### Horizon Europe

More information: [here](#)

### European Defence Fund

More information: [here](#)

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

## 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.**

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

### Techtera

91 bis chemin des Mouilles – 69 130 ECULLY - FRANCE

Tel: +33 04 20 30 28 80 | Fax: +33 04 20 30 28 89

[www.techtera.org](http://www.techtera.org)



Techtera is supported by:

