



## Edito

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### Discover all the Techtera 2021 initiatives described in its latest Annual Report!

A **real link between manufacturers, laboratories, training and innovation**, Techtera continues its commitment to the development of **key themes related to the challenges of tomorrow's textiles**.

Techtera invites you to explore the year 2021 and discover its many initiatives through **its main actions** that have marked this past year; listed in its new Annual Report.

Here is an overview of the results and key figures illustrating its action.

#### The year 2021 was marked by:

- 258 members incarnant toute la chaîne de valeur de la filière textile
- 16 R&D projects funded - 38.2 million euros of budget
- 4 interclustering projects funded and 3 submitted for approval
- 16 labelled projects
- 33 R&D projects submitted, including 13 European projects
- 4 trade fairs where members were supported in various sectors: PPE, health, sport, business & textile innovation
- 10 feedbacks from technological, market and creative watches
- More than 160 member organisations and more than 375 non-member organisations participated in events organised or co-organised by Techtera

#### But it also demonstrated:

- A new website
- The reinforcement of transnational cooperation between European textile clusters through interclustering projects
- The reaffirmation of the preponderant place of digitisation for the future of the textile sector
- The ever-stronger commitment to the theme of sustainable development and the circular economy ("La Caserne" biosourced fabric library, events, etc)

To learn more, read the annual report [below](#).

# Focus

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## Techtera coordinates the AURAreFIL project, working with Recyc'Elit and "Grenoble Alpes Métropole"

The AURAreFIL project is **winner of "Challenge Refashion 2021"**, meeting the following challenge:

**How to produce materials with high environmental performance from non-reusable used textiles and shoes, and which meet market needs in functional and economic terms?**

The aim of this project is to produce, in closed loop, **a 100% recycled polyester yarn made in the Auvergne Rhône-Alpes Region** from **supplies of used and non-reusable clothing**.

The textile to be recycled will be targeted, categorised and sorted by **"Grenoble Alpes Métropole"** from supplies of cloth with a high polyester content.

The **"Recyc'Elit"** start-up, which has developed a **low-carbon depolymerisation system for plastics** (PET - *"Polyethylene Terephthalate"*), **will adapt its chemical recycling process to transform these textiles (pure or mixed) back into yarn**.

**Techtera will coordinate the AURAreFIL project** and work on the **replicability of the business model of the closed-circuit demonstrator**.

This project is part of the innovation cluster's Circular Economy roadmap.

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

# Our Services

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## Developing the strategy for the textile sector

Techtera invites its members to take part in **developing the medium-term strategy of the sector (horizon 3 - 5 years) through the organisation of sessions**, open to all members, to find out their needs.

This will constitute the **first phase construction** of a clear, realistic, adapted industrial sector **innovation strategy**, which can be shared at different levels.

Sessions will be organised as from April around three key themes, symbolising the challenges of the textile sector:

- Recycling and the circular economy
- Intelligent and high-performance materials
- Industry of the future

## They are members

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### AFITEXINOV

AFITEXINOV, an AFITEX Group company, specialises in **designing, manufacturing and marketing geosynthetic materials**. It has been marketing drainage, waterproofing and soil-reinforcement systems for thirty years.

AFITEXINOV deploys its **expertise in the building, public works, environment, hydraulic works and mining industry markets**.

Its systems are produced mainly in France and **within the Group's subsidiaries, bringing the total number of production lines available in the Group to seventeen**.

**Present worldwide through its six entities**, the drainage and reinforcement geosynthetic brands are internationally recognised and have highly-respected names: SOMTUBE®, DRAINTUBE®, NOTEX®, GEOTER®, SOMDRAIN® and ALVÉODRAIN®.

**Websites:** <https://afitexinov.com/> - <https://www.linkedin.com/company/afitexinov/>



### MALFROY

Since 1939, Maison Malfroy has been creating and manufacturing **silk scarves**, specialising in printed scarves. The company is one of the last manufacturers to have **its own integrated style office**. The team of stylists creates and develops no less than **200 products every year**.

For its BtoB clients, Malfroy offers its know-how as **Project Manager for weaving, dyeing, printing, hand painting and creation**.

Maison Malfroy is known as a partner of **the great names in "Haute Couture" and ready-to-wear** (Stella McCartney, Christian Dior, Ralph Lauren, etc). The company has also diversified by **creating its own collections of scarves**.

The style office regularly invites an artist to create **a capsule collection**. It also offers exclusive **collections drawn from the paintings of the "Grand Masters"**.

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

## Your appointments with the cluster

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**April 27-28, 2022: Performance Days trade show (Sport) - MUNICH – GERMANY**

Techtera will be supporting French textile firms at the **"Performance Days"** in Munich. Performance Days is the major **trade fair dedicated to textiles for the sports market**. It brings together the entire industry value chain (designers, brands, producers, materials specialists and buyers). It provides a dual focus on innovation and sustainability.

Due to the COVID-19 pandemic, the exhibition has been held in digital format since 2020. 2022 will see a return to a face-to-face format, which will take place on 27 and 28 April. The Techtera competitiveness cluster is offering French textile companies and companies from the Auvergne-Rhône-Alpes region the opportunity to exhibit at Performance Days with special services and conditions.

The companies supported by Techtera at the exhibition.

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

**The products of these companies are currently presented in Techtera's online shop window, and will be on display at the trade fair in Munich in April.**

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

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**Mai 3-5, 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)

**June 21-24, 2022: TECHTEXTIL trade fair (Technical textiles)** - FRANKFURT – GERMANY

Due to the health crisis, the Techtextil trade show, initially scheduled for May 2021, has been postponed to June 21-24, 2022. The new official dates are currently being validated by Messe Frankfurt and will be communicated as soon as possible, as well as the modalities for re-registration on the French Pavilion.

Techtera continues its support for the 2022 edition and continues to offer to the accompanied companies organizational support, dedicated communication actions and market support.

Germany is the biggest producer and consumer of technical textiles in Europe. TECHTEXTIL Frankfurt has become the industry's leading trade show with 1,818 exhibitors and 47,000 visitors in 2019; making this event an international showcase for highlighting your know-how among contractors.

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

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

## June 21-24, 2022: HEIMTEXTIL trade Fair (Home textiles) - FRANKFURT – GERMANY

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

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

***This action benefits from the help of the [Auvergne-Rhône-Alpes Region](#).***

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

## Life of the members

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### Creation of a local workshop dedicated to textile innovation within Fontanille SCOP

The “**Proximity Manufacturing**” policy aims to enhance the know-how of our regions by supporting local companies.

**The “Dentellation” project, led by Fontanille SCOP, the lace and ribbon firm, and the University of Clermont-Auvergne, is one of the winners and becomes the first firm to receive the Proximity Manufacturing label in Auvergne.**

This **300 m<sup>2</sup> workshop will be dedicated to digital and eco-responsible textile innovation**. It will be **located on the premises of Fontanille SCOP, a living heritage company**. “Dentellation” will be the **creative and productive hub of the textile industry in Haute-Loire**, based on innovation, local industrial production and the applied arts.

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



### Reinforcing the internationalisation of ALPEX Protection with the creation of a subsidiary in North America

ALPEX Protection, one of the **world leaders in the field of waterproof and breathable laminated fabrics** for personal protective equipment, is taking a significant step in its international growth strategy by **creating a subsidiary in North America**.

Created in February 2022, ALPEX USA is a **joint venture between ALPEX Protection (France) and the CALKO Group (Canada)**. **CALKO** is a well-known group in North America, **making high-performance technical textiles**, especially for the emergency services and firefighters’ sector. This joint venture is the result of the technical and commercial partnerships already in place between these two companies.

ALPEX USA will initially focus on the distribution of the different types of laminated fabrics made by ALPEX Protection, and particularly multi-layered articles.

**Websites:** [www.alpexusa.com](http://www.alpexusa.com) - [www.alpex.fr](http://www.alpex.fr)



## Launch of the TopTexCube and Verne & Clet websites

Specialist in the manufacture of technical clothing and luggage, using modern seamless assembly processes, TopTexCube is launching its new website!

Also, after revamping its visual identity, Verne & Clet, a specialist in the creation of warp and weft fabrics for shirts, tops and blouses, intended for the image clothing and fashion sectors, has also unveiled its new website.

Great showcases for these two enterprises!

**Websites:** <https://toptexcube.com> - <https://www.verne-et-clet.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.**

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### Techtera

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Techtera is supported by:

