



Edito

Techtera works alongside the City of Lyon for the future of the industry

Techtera continues its action for a cleaner and job-creating industry.

This commitment is reflected today in the signing of the Lyon Metropolis Manifesto for an industry capable of changing and committed to the environment; embodying a strong dynamic for the future of industry in the Lyon metropolitan area.

Launched in September 2021, the Manifesto already brings together more than 120 signatories from all sectors.

Several objectives have been specified: Make industries more responsible and less polluting, while maintaining their production activities in the region; promote innovation and relocate strategic activities in order to meet the needs and expectations of the inhabitants.

Also, **for several years, Techtera has included the circular economy aspect** concerning textiles in its strategic roadmap; and supports innovations that meet this challenge.

Focus

The PRISMA project, centre of excellence for online analysis in Auvergne-Rhône-Alpes

The Axel'One collaborative innovation platform is the winner of a new project: the PRISMA project. This project aims to support small and medium enterprises in different sectors, including textiles, through the deployment of real-time analysis solutions.

The PRISMA project has a budget of more than **€2.7 million to invest in mobile and connected online analysis tools.**

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They are members



ATC AERO TEXTILE CONCEPT

Aero Textile Concept designs, manufactures and maintains technical textile air diffusers.

Thanks to its know-how and 35 years of expertise, ATC is now expanding into new international markets.

The company's desire for innovation and continuous improvement has enabled it to recently launch the production of diffusion tiles made of textiles to deliver very good air quality.

Website: <https://fr.aerotextile.com/>



ACTIVATION

Activation **specialises in the research and development of innovative synthesis procedures and processes** – mainly by **catalysis and continuous flow**. It combines know-how in chemistry and research methods, with a strong expertise in analysis, to identify key parameters and understand the reactions involved.

In addition, the company has in-house skills and unitary equipment allowing it to **design and quickly produce the automated demonstrators**, including those under pressure, needed for R&D studies. Since 2017, Activation has been developing **a new activity in the recycling of polymers**, as part of a project headed by Elkem Silicones.

This year 2022 marks an **acceleration in its development, with the opening in May of its new industrial site**, and implementing **intelligent and flexible demonstrators for continuous production**.

Website: <https://www.activation.fr/>

Your appointments with the cluster

March 22, 2022: Small/Medium enterprises DGA Tour (French Armaments Procurement Agency) - emlyon business school, campus de Saint-Etienne, 51 cours Fauriel, 42009 SAINT-ETIENNE (9h-18h)

This day is organised by the [Direction Générale de l'Armement](#) (DGA) (French Armaments Procurement Agency) with the Techtera, Minalogic and Nuclear Valley innovation clusters and the EDEN cluster.

It will allow small and medium-sized business to meet and talk with representatives of the French Ministry for the Armed Forces, and industrial contractors.

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March 28 to April 1, 2022: Texglobal - Textile mission to Mexico

Thanks to its **strategic geographical position**, Mexico is a major economic hub between North and South America. In addition, the country has **a strong international dimension** favoured by numerous **free-trade** agreements, including with Japan and the European Union.

This results in **significant import and partnership requirements**; and, therefore, opportunities for European small-to-medium textile firms, particularly as regards the **circular economy**, **smart textiles**, and other technical applications (sport, packaging, industry, food businesses, etc).

As part of the **European Texglobal project**, Techtera invites you to join an **exploratory textile mission** to Mexico from March 28 to April 1, 2021. You will thus join a **delegation of European textile firms** and will be able to discover or learn more about the Mexican market.

Among **the innovative entry points identified**: [Machina](#) - Manufacturer of exoskeleton body kits; [Galia Textil](#) - Manufacturer of medical devices - from processing the cotton to manufacturing; [CITLAX](#) - Tlaxcala State Research and Innovation Centre; [TexTec](#) - Major manufacturer of technical textiles, [Pilu](#) - Manufacturers of industrial and institutional uniforms; etc.

Contact: Lucie LAGARRIGUE – llagarrigue@techtera.org

April 6-7, 2022: European and research Exchange technical textiles for transport, energy and environmental protection – Webinar (9h-16h)

In the last two years, international supply chains have been temporarily or permanently disrupted. The shortage of smart packaging materials, the growing need for recyclable fibres and for biodegradable textiles opens up new applications for technical textiles.

The decarbonization requires lightweight solutions for mobility, a sustainable yet flexible infrastructure for generating and storing the energy sources of the future, and protection of the environment and its resources.

The EU-TEXTILE2030 and CONTEXT networks (of which Techtera is a member) are partners in this event.

Contact : Bruno MOUGIN - bmougin@techtera.org

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**.

Contact : Robin Oddon – international@techtera.org

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

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

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

Life of the members



CETI is accelerating its R&D into the recycling of synthetic materials

CETI (European Centre For Innovative Textiles) continues its approach committed to textile circularity, with the arrival of its thermomechanical recycling pilot line at the start of the year.

In partnership with EREMA (Comprehensive solutions for recycling plastics), the leading manufacturer of plastic recycling lines, CETI has installed the thermomechanical pilot line on its site.

The establishment of this line will allow them to accelerate the development of recycled synthetic yarns with high technical and environmental performance.

Website: <http://www.ceti.com/>



Brochier Technologies: Air purifier for automobile passenger compartments – search for end-user partners

Destruction of volatile organic compounds, bacteria and viruses. A new concept of vehicle-cabin air treatment allowing pollutants to be quickly and sustainably treated: VOC (volatile organic compounds) and micro-organisms (viruses and bacteria), has been developed within the framework of the

QAIcar project co-approved by three innovation clusters: Axelera, Techtera and CARA.

This innovative system, incorporating metallic threads with bactericidal activity, is capable of eliminating chemical and microbiological pollution, while maintaining reduced energy consumption and compact dimensions – ideal for application in restricted environments.

In order to finalise development of the product and deploy the technology on the market, the consortium is looking for potential end users in the transport and automotive sectors.

Website: <http://www.brochiertechnologies.com/>



FIBROLINE expands its Innovation Centre

Fibroline has initiated the extension to its R&D centre near Lyon, with the installation of a new pilot line – as well as the construction of an additional characterisation laboratory.

The work will be completed in the second quarter of 2022.

Website: <https://fr.fibroline.com/>

Calls for projects

EUROPEAN AND INTERNATIONAL CALLS FOR PROJECTS

GALACTICA - Support the creation of new industrial value chains around the textile and aerospace sectors (Closing date: 30/03/22)

More information: [here](#)

Horizon Europe

More information: [here](#)

European Defence Fund

More information: [here](#)

Contact: 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

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Techtera is supported by:

