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The textile industry is well organised for making protective masks!

By Corinne FARACE, Techtera's Executive Officer

The current crisis, which has immobilised more than 40% of the world's population, demonstrates the weaknesses of our globalised supply chains.

Here in France, we can congratulate ourselves that a **very fragmented sector such as textiles, has been able to restructure and change its production in less than one month** to create "a market place" bringing together **suppliers of materials and manufacturers**; thereby meeting certain specific needs. The system developed is reserved for professionals: <https://www.csfmodeluxe-masques.com/>

However, whole areas of the industry are at a standstill.

In both cases, we will need to rebound at the end of the crisis! At Techtera, we strive not only to support businesses on a daily basis, but **we are also preparing for the future by maintaining our activity on partnership innovation.**

Take care of yourself, we are also taking care to prepare your future!

Focus

Techtera and Outdoor Sports Valley strengthen their cooperation!

The TECHTERA innovation cluster and the OSV (Outdoor Sports Valley) cluster announce their closer cooperation. The two organisations will **strengthen their teamwork regarding information and innovation** in order to enrich **the services to their members and facilitate the emergence of joint projects** to aid the development of the textile sector and the "outdoor" industry.

The textile and outdoor sectors have long been closely linked. The growth of the outdoor market has been fuelled by key innovations resulting from the research and development of textile materials. This has helped to improve performance, enable the development of new functions, and open up new uses. For the textile industry, outdoor sports constitute a field of development for innovations and applications as well as substantial potential markets.

A sharing of “technology and market” information will be offered to the members of the two organisations. **Events will also be co-organised through professional campaigns.**

In addition, **OSV and TECHTERA want to create joint projects** in which the R&D power of the textile industry can be used to design new products, systems or applications for the French outdoor industry.

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Our Services

Techtera still remains at your service during this time of confinement!

The evolution of the health situation in Europe and the new measures taken by the French government oblige everyone to adapt and manage events in the best possible way.

In this context, **the Techtera innovation cluster has decided to maintain its activity by spending 100% in telework.** Your contacts are therefore available, exactly as before, and you can reach them by phone or email.

The Techtera General Meeting of April 9, 2020 did take place, in the form of a webinar.

However, **postponement of the various events** we had planned for the next few weeks has been inevitable. You can refer to our calendar to identify the events concerned, and we invite you to regularly consult our [events page](#) and keep up to date with our forthcoming activities.

They are members



OURDISSAGE ENCOLLAGE D'AMPLEPUIIS-OEA

Founded after World War II, the company originally made fabrics for the fashion and medical industries.

Since 1991, the firm OURDISSAGE ENCOLLAGE D'AMPLEPUIIS-OEA is specialised in textile preparation and mainly produces chains for weaving by sectional or direct warping or directly from continuous threads and/or fibre yarns, as well as glued chains of fibre yarns.

These textile chains are intended for woven or knitted products for the clothing, furnishings & accessories sectors; also, applications for technical fabrics (personal protective equipment, reinforcement fabric, etc).

Website: <http://oea-industries.com/index.php/fr/>



ALLIANCE MACHINES-TEXTILES

ALLIANCE MACHINES-TEXTILES (including the BENE and DURAND brands) supplies dyers with excellent solutions for casing or beam dyeing (mesh or warp and weft).

What is the very heart and soul of this French manufacturer? Providing custom-made equipment to answer the new requirements of technical fabrics; developing technologies that respect the environment; driving quality upwards; and focusing on productive processes.

ALLIANCE MT thus prepares for the future and supports manufacturers, whose machines have been operating for several decades.

Website: <http://www.alliance-mt.com/>

They are also members:

[ACTIVATION](#) | [CTIPC](#) | [ELKEM SLICONES](#) | [KURARAY](#) | [MAPEA](#) | [ORION](#) | [SASYTEX](#) | [TENTHOREY](#) | [THUASNE](#) | [VERNE ET CLET](#) |

Your appointments with the cluster

June 30, 2020: Innovation workshop; Sustainable Development - Recycling and Recovery of Flexible Textile Materials – Pôle Textile Alsace
- 25 Rue Alfred Werner – 68100 MULHOUSE/ Webinar

Techtera and “Pôle Textile Alsace” join forces to organise an innovation workshop about: Sustainable Development - Recycling and Recovery of Flexible Textile Materials. Techtera and the Alsace Textile Cluster join forces to organise an Innovation Workshop on the theme of “Sustainable Development - recycling and upgrading flexible textile materials”.

We invite you **to apply to present an innovation** during this day (20 minutes of presentation); then to work in groups **during a creativity session on “how to construct a joint project”** with the textile firms present.

All types of flexible textile materials can be involved. There may be ideas applicable starting from fibres/yarns, textile surfaces or finished products, whatever their composition.

Several proposals could be made for the same entity. Applications from laboratories and startups are also welcome.

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July 7, 2020: Innovation workshop; Sustainable Development – Recycling - Techtera – 91b chemin des Mouilles – 69 130 ECULLY and ITECH – 87 Chemin des Mouilles – 69134 ECULLY

This day, co-organised by Techtera, Ciridd, UNITEX and the Auvergne Rhône-Alpes Region aims to **promote sustainable development and the circular economy within the textile sector**. Participants may attend:

- **Round tables** with major textile-sector players involved in sustainable development, coming from the Region and other parts of France
- **Presentations of public aids** available for firms wishing to move towards more sustainable production
- **Workshop to think about innovation possibilities;** and then embark on a joint project
- **B2B meetings:** firstly, for contacts between providers of eco-responsible solutions and manufacturers; secondly, for contacts between designers and manufacturers proposing production offcuts.

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September 15-17, 2020: Première Vision trade show, Silkies and Jacquards Made in France - Parc des Expositions – PARIS NORD VILLEPINTE

Techtera, the innovation cluster dedicated to the French textile sector, with help from UNITEX, supports firms in the sector at the PREMIÈRE VISION PARIS trade show, from September 15 to 18, 2020 in Paris Nord Villepinte.

PREMIÈRE VISION is an international event that brings together **six major trades involved in materials and services for fashion**. Nearly 60,000 visitors are expected during these three days, and nearly 2,000 exhibitors.

Having their own stand at the show, firms will also benefit **from representation on the joint stand "Tissus Soieries et Jacquards de France"** in order to maximise their visibility.

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November 17, 2020: Industry of the Future thematic day – “How to respond to the challenge of mass personalisation in industry of the future?” - Ecole des Mines, 158 Cours Fauriel - 42023 SAINT ETIENNE

Whatever the field of activity, customers - whether corporate or individual - **increasingly demand personalised products. How can we be more agile in responding to this demand while maintaining the same production volume?**

To inform you, to help you think and move forward on this subject, Techtera, in partnership with **clusters working on industry of the future**, invites you to participate in the thematic day

“How should we respond to the challenge of mass personalisation in industry of the future?”.

Presentations from solution providers and testimonies of manufacturers, who have already embarked on this path, will allow you to **grasp this challenge of Industry 4.0**.

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Postponed events

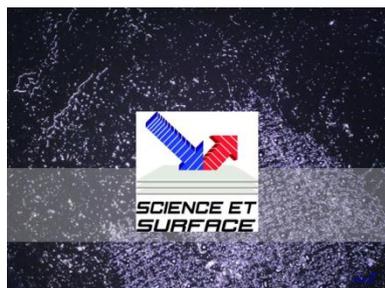
CONTEXT, InMotion 2020 – International conference on smart textiles
- Congress Centrum Weimarhalle (Seminar building) - Unesco-Platz 1 - WEIMAR – GERMANY **(scheduled from 27-29 April, 2020, postponed later)**

VDMA International conference - Smart production technologies for high performance materials - Techtera – 91b chemin des Mouilles – 69 130 ECULLY **(scheduled from 26-27 May, 2020, postponed later)**

Collective mission in germany dedicated to Smart Textiles and Wear It Show – BERLIN – GERMANY **(scheduled from 10-12 June, 2020, postponed in June 2021)**

JEC WORLD 2020, worldwide exhibition dedicated to composites - Parc des expositions – PARIS NORD VILLEPINTE – France **(scheduled from 12-14 May, cancelled)**

Life of the members



Science et Surface: study of a problem of white spots when dyeing polyamide glue points

Science et Surface was asked to study a problem of **white spots in production when dyeing polyamide glue points**. An analytical method has been set up to characterise these white spots by **linking a morphological and chemical analysis in order to compare with a compliant area of glue**.

Observations under the microscope showed a difference in morphology between the areas of compliant and non-compliant glue (white spot) with a slight chemical contrast and the presence of an interface line between tinted and non-tinted areas at the white spots.

The study showed that the white spots are polyester beads, which are located above the dyed polyamide glue points. The fault is therefore not related to a problem with the colour of the glue points, but due to contamination present when the glue was applied.

Website: <https://www.science-et-surface.fr/>



AURAENERGY call for projects: Thuasne winner

As part of the ADEME AURAENERGY call for projects, on energy and climate transition in industry, agriculture, crafts and the tertiary sector, **Thuasne has been rewarded for its warm-water energy recovery project**. This project represents an investment of €133,000, and will allow an **annual water saving of 4,250 m³, and an energy saving of 130 MWh**.

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



Fibroline signs two exclusive license agreements in the healthcare sector

The French engineering firm, FIBROLINE, has developed and patented a **portfolio of powder impregnation technologies for all types of porous materials**. These technologies, based on the application of alternating electric fields, permit the homogeneous distribution of materials in powder form in

textiles, nonwovens, foams, papers; thereby, allowing the functionalisation of these materials in a dry process.

After industrial successes in technical textiles, composite materials and hygiene, **FIBROLINE has patented an adaptation of its systems for the medical and biomedical sector, allowing contact impregnation: the "S-Preg" technology**.

Website: <https://www.fibroline.com/accueil>

Calls for projects

EUROPEAN AND INTERNATIONAL CALLS FOR PROJECTS

SME instrument (EIC Accelerator Pilot) : Horizon 2020 (Closing : May 19, Octobre 7, 2020)

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

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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