



Edito

Textile projects take the centre stage! Energy transition – an important issue for the sector: Techtera is ready for action !

Faced with the challenges of the current energy crisis, the Textile Energy “R-evolution” Initiative was initiated by the sector (UIT, IFTH, EuraMaterials and Techtera) last January.

Following the preliminary meetings, during which IFTH presented a technology watch, nine workgroups emerged, including five led by Techtera.

Techtera has adopted complementary approaches for dealing with the five technologies:

- First – waterless or low water technologies requiring new production methods: foam technology, supercritical CO₂
- Second – systems that can be implemented on current industrial tools, requiring an update of the machines and/or acting on the chemistry of the processes. These include ultrasound technology, functional natural dyeing, the processability of fibres and yarns

The first meetings, which took place from May 22 to 26, brought together 16 finishers, from all parts of France, working on complementary processes and materials.

The next step is to finalise the project consortia by including providers of solutions.

Examination of the feedback from the ITMA 2023 show, produced jointly by IFTH and Techtera, will help identify those working in this field.

Focus

Selection of three French textile firms as part of the first EuroBoosTEX call for projects

The EuroBoosTEX European partnership, of which Techtera is a partner, aims to stimulate the environmental and digital transition of European textile small/medium enterprises, and to boost their competitiveness internationally.

This initiative uses cascade funding to finance textile innovation projects through two calls for projects: the “Individual Innovate Boost Grant” call, which has just closed, and the “Innovate Boost Grant” call in consortia.

The winners of the first call

EuroBoostTEX has nominated ten winners as part of the first individual grant call “Innovate Boost” from 21 eligible proposals: three French, three Spanish, two Italian, one Danish, and one Slovenian.

Thus, EuroBoostTEX supports the ten small/medium enterprises with €15,000, by financing activities that will accelerate the marketing of innovative products.

This financial support aims to promote cohesion and strengthen resilience and recovery within the European Union by helping small/medium firms to develop new products.

EuroBoostTEX: what next?

A second call will be launched from September 6 to November 8, 2023. The funding granted aims at supporting the adoption of processes and technologies by small/medium enterprises, to ensure more sustainability and/or connectivity in their value chain.

A sum of €60,000 per project in a consortium of two small/medium enterprises. Thus, €30,000 per small/medium enterprise, will be allocated to the winners.

The firms targeted for the EuroBoostTEX call for proposals are innovative textile small/medium enterprises or start-ups, and advanced manufacturing small/medium enterprises to support textile companies in their digital transformation.

The composition of the consortia must therefore take one of the following forms:

- A consortium made up of two textile small/medium enterprises
- A consortium made up of one textile small/medium enterprise and one advanced manufacturing small/medium enterprise.

An InfoDay (*Information Day*) will be organised on **September 20** to present this new call. This will be followed by a matchmaking event so that you can meet potential partners.

Inscription: [here](#)

Contact: Julie RFAFTON-JOLIVET – jrafton@techtera.org

They are new members



RBX Créations

RBX Créations was started in 2016. The guiding principle is to use materials with the least impact on the environment; in particular, those based on Hemp, Flax and other plants.

The company also has a brand of finished products, Gorfoo®, which highlights artisanal hemp fabrics, and also fabrics using cork, nettle, jute and bamboo viscose. Since 2018, its main activity has been the development of new materials under the Iroony® brand. These use lignocellulose to combine technical and environmental performance, thanks to the adaptable properties of artificial fibres. The aim is to provide alternatives to standard oil or wood-based options, while encouraging sustainable agricultural practices, especially for growing hemp.

The company has filed two patents and received various awards such as the innovation prize at TechTextil 2022 in the “New material” category; also, an honourable mention at ICNF 2021 (International Conference on Natural Fibres) for its collaboration with the DITF Denkendorf research centre (German Institute for Textile Technology and Process Engineering).

Websites: <https://www.iroony.net> – <https://gorfoo.net/fr>



Textil'IA

launch of a digital system for the protection of textile creations and innovations

Textil'IA was created by French textile professionals to provide a digital, innovative, accessible and high value-added system for all those working in the textile industry.

Thus, Textil'IA launches the digital solution for the protection of textile creations and innovations called LOCKEO Protection.

Thanks to a timestamp on the blockchain, this system makes it possible to protect textile designs and innovations. Also, thanks to blockchain technology, it provides irrefutable proof in the event of a dispute, and at lower cost!

It has many advantages because it is economical, secure, easy to use, automatable, internationally recognised and confidential. This system has the same legal value as a “Soleau envelope” or a bailiff’s court notice.

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

Your appointments with the cluster

September 18-22, 2023: REC-N-COMP “Sustainable composites” exploratory mission to Singapore

As part of the [REC-N-COMP](#) project, Techtera invites its members to participate in an exploratory mission to Singapore. This mission will take place during Singapore Design Week, and will support European small/medium enterprises active in the composites sector, and more particularly in sustainable composites and/or composites based on recycled materials.

Coverage of travel expenses is provided to facilitate access to the mission.

In order to be eligible for the call, information and documents must be submitted before **Friday, June 16, 2023**.

Call for pithes – application form: [here](#)

Contact: Robin ODDON – roddon@techtera.org

September 20, 2023: Info Day & Matchmaking event – Webinar (10h-18h)

EuroBoostTEX invites you to a BtoB meeting–matchmaking event, which will take place on September 20 in a Webinar (*Online seminar*).

It provides the opportunity to meet a potential partner and apply for the "Innovate Boost" grant within the context of consortia.

The event is aimed at innovative small/medium enterprises (including start-ups) active in the textile ecosystem. Advanced manufacturing small/medium firms are also part of the target audience if they support textile companies in their transition to digital. To be eligible, small/medium enterprises must be already established or have a branch in one of the 27 EU Member States.

EuroBoostTEX aims to **stimulate the environmental and digital transition of European textile small/medium enterprises, and to boost their competitiveness internationally.**

Information & inscription : [here](#)

Contact: Julie RAFTON-JOLIVET – jrafton@techtera.org

October 10 -13, 2023: POLLUTEC Trade show (Solutions for environment) – LYON EUREXPO - FRANCE

Techtera will be present at Pollutec via the Auvergne-Rhône-Alpes regional pavilion along with two of its members: [Recyc'Elit](#) and [Chomarat](#).

The innovation cluster will take advantage of this meeting time to present R&D projects on the theme of the circular economy and the industry of the future. It will also ensure the development of innovations and projects thanks to the interventions of the [Recyc'Elit](#) startup and the [Calimero](#) project.

Contact: Alec BILLON-BLOUIN – dev@techtera.org

October 24-27, 2023: A+A Trade show (PPE)– DÜSSELDORF – GERMANY

A+A is a major trade fair for the textile industry dedicated to protection, safety and health at work. The event takes place every two years and offers a comprehensive overview of processes and new materials in the field of PPE (personal protective equipment).

This event is the largest event for the promotion of know-how and the identification of prospects and future partners in a 70,000 m² exhibition area. At its last edition, it brought together more than 1,200 exhibitors from 56 countries.

Once again, Techtera will be present at the event to support firms, in partnership with [Business France](#).

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

Contact: Valentin NALLET – vnallet@techtera.org

April 23-26, 2024 : Techtexil trade show (Technical textile) - FRANKFURT - GERMANY

Techttextil is the worldwide event for the technical and nonwoven textiles sector. It will take place from April 23 to 26, 2024 in Frankfurt.

Every two years, the show attracts more than 1,500 exhibitors – 46 countries are represented.

During the last edition, Techtera accompanied 30 firms and thus represented the first French delegation to the show – 360 m². On average per participant, the firms made 64 qualified contacts. This first French delegation to the show, with 360 m², resulted in 87% participant satisfaction.

In partnership with Business France, Techtera will once again be present to support French companies in the sector and optimise their participation, thanks to:

- Market support prior to the show
- Participation in the French pavilion cocktail
- Organisational support
- Many targeted communication actions to highlight the know-how of the participants

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Life of the members



Short-term test benches for Samaya at the “Aiguille du Midi” in Chamonix

As part of a partnership with the “Compagnie du Mont-Blanc”, Samaya equips the workers at the “Aiguille du Midi” in Chamonix. These people have to operate at very high altitude in extreme conditions.

Exceptionally, on the “Aiguille” Samaya was able to carry out tests on equipment dedicated to defence. These tests are part of the rigorous process of research and development concerning Samaya products. The tests also gave a boost to its strategy of relocating know-how into France.

On its premises, Samaya is equipped with a laboratory for carrying out the very first tests on materials and its products. This laboratory includes test benches, a cold room and a wind tunnel. The next step includes tests under real conditions in the field. With its altitude, wind and cold, the “Aiguille du Midi” is an ideal environment for testing Samaya equipment and carrying out scientific surveys.

Discover Samaya video: [here](#)

Website: <https://www.samaya-equipment.com/>



Clim8: Development in Europe and a partnership with iXS

The enterprise, which provides clim8® personalised thermoregulation technology dedicated to smart clothing, has just announced a new collaboration with “iXS” the Swiss motorcycle brand.

Sold in over 50 countries, iXS is one of the world’s leading brands in the motorcycle market. The iXS research and development team attaches particular importance to individual style and perfect fit, as well as the use of the most modern high-tech materials.

Together, they unveil the first product resulting from their partnership: the “iXS Season Heat-ST” smart heated gloves featuring clim8® technology. Products with clim8® technology integrate multiple sensors, whose results are analysed in real time by a processor integrated into the garment. A thermal response adapted to the user’s needs is then immediately provided, depending on the profile, activity and temperature.

The beginning of a long adventure!

Website: <https://myclim8.com/fr/>



IFTH and IMT MINES Albi: Long-term continuation of their partnership

May 26, 2023 marked the renewal of the partnership between IFTH and IMT Mines Albi.

Since 2017, when the branch of the French Institute for Textiles and Clothing (IFTH) was created on the premises of IMT Mines Albi, the IFTH and the “Institut Clément Ader” have been working closely in the field of technical textiles, functionalised textiles and high-performance materials. Based on a strong complementarity between an industrial technical centre and a research laboratory, this partnership allows the emergence and implementation of R&D projects requiring different scales of time and maturity.

For example, the two entities have together studied innovative textile semi-finished products for use in: high-performance thermoplastic matrix composites for the aeronautics sector; sensor for measuring deformations and health monitoring material in personal protection applications; in biomedical orthoses; and for transport. Concerning the industrial, environmental and digital transitions, the IFTH and ICA roadmaps allow us to continue to envisage natural opportunities for collaboration.

Website: <https://www.ifth.org/>



Science et Surface: “Science et Surface”: ISO17025 certification - Competence of calibration laboratories

Science et Surface is the first French surface analysis laboratory to be accredited ISO17025 by [COFRAC](#)!

It received this accreditation for its search and identification of foreign bodies in all kinds of materials. They used a scanning electron microscope equipped with an EDS detector (SEM – EDS) and/or infrared spectroscopy with chemical mapping (FTIR) and/or optical spectrometer.

During ISO17025 certification, the role of COFRAC is to assess competence and award certification to laboratories and calibration / testing units.

This new accreditation allows the Science et Surface laboratory to strengthen its expertise in surface analysis, particularly on textiles and flexible supports; and to provide a recognised quality of service – with a team in place for nearly 25 years.

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

Calls for projects

EUROPEAN AND INTERNATIONAL CALLS FOR PROJECTS

LIFE Programm - *More information:* [here](#)

Horizon Europe - *More information:* [here](#)

European Defence Fund - *More information:* [here](#)

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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 Issam CHAOUKI.

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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