



Editorial

Recycling and the circular economy: an important issue for the textile industry. By Clara POTTON, Techtera's Project Manager

Only a few decades ago environmental concerns were reserved for knowledgeable ecologists; but today it is impossible to avoid this issue, which continues to grow in importance.

The textile industry has an important role to play in environmental transition and the move towards more energy-efficient production processes, with a reduction in effluent pollution and a more balanced consumption of materials.

There is no lack of articles denouncing fast fashion and shock images of stacks of clothes or polluted rivers. But if consciences have evolved, many technical solutions have yet to be found to enable **a transition to a sustainable textile industry**.

Techtera supports its members on this theme to promote the joint development of innovative, ecological procedures. For two years now, we have been working with the **RECIT club (Recycling and Circular Economy in the Textile Industry)** with two main objectives: identify and develop textile recycling proposals, and create a **recycling value chain for production offcuts**.

These two years of partnership have already given rise to many meetings with those involved in sustainable textiles, and the implementation of concrete action. For example, the census initiated by the club has identified 800 tons of annual industrial waste from fifteen manufacturers. This confirms the need for an organisation to upgrade this waste. Discussions that could lead to a collection experiment in the coming months are underway.

Also, on November 13, Techtera and the members of the RECIT club organised a **"We recycle offcuts!" day**, to link up textile manufacturers and upcycling firms with the aim of upgrading production offcuts via local and eco-responsible creative procedures.

The two hundred meetings organised during the day allowed the participants to lay the foundations for future partnerships. The day was also a time for exchanges and sharing through conferences, an exhibition of creations and **an "upcycling initiatives awards ceremony"**, which rewarded La Bricolerie, Kufu "zero waste", and the jury's favourite: Jeanne Goutelle.

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Focus

The Innovation “Success Stories”: Portraits of these talents revolutionising the textile industry

They are entrepreneurs, creators of start-ups or young innovative companies, researchers, initiators of R&D projects, inventors of new products... And all are **members of the Techtera innovation cluster!**

Techtera portrays these intuitive, energetic and confident innovation talents who, each in their own way, have revolutionised the textile industry.

But what do they have in common? A little phrase comes back as a theme:

“A firm that does not innovate cannot survive!” And the conviction that: “Nothing is Impossible!”

Some have **a method**: “apply the principles of creativity every day: give free rein to emerging ideas - never say no - find ways to achieve”.

Also, **a philosophy**: “innovation, of course, and **partnerships**”.

Finally, **a network**: they are all members of the Techtera textile innovation cluster, created in 2005 to support and develop innovation in textiles.

It is very difficult to sketch a portrait of the innovative entrepreneur - there are so many profiles. The only thing they have in common is their conviction and determination. This principle is the driving force behind the **“Company and Research Laboratory portraits” produced by Techtera.**

A selection of profiles from among the 195 members of the cluster will be sent out on the social networks and the Techtera website. There will also be a press kit release.

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Our services

We work with fashion, interior design and furniture shows

Trade shows are an essential step for marketing your products and services in the textile sector; as well as a stepping stone for your international development.

With this in mind, Techtera supports its members in their growth **by identifying key trade shows relevant** to their sector and **facilitating access to these events.**

Thanks to its know-how, Techtera aids companies with the administrative procedures, helps them to organise the show and promotes their visibility through specific and consistent publicity in targeted markets.

To do this, Techtera provides members with:

- Support at trade shows (communication, logistics, funding, administrative)
- Preferential rates
- Communication tools and promotional activities (press, point-of-sale advertising, promotional mailing, presence on the website and social networks)
- Workshops dedicated to the target market for better understanding of the environment (e.g. inter-professional workshop)

- An exhibition about the events on a joint stand to publicise the sector and maximise the visibility of participants
- And other promotional offers more specific to each show

So, Techtera will support its members, especially at the Heimtextil and Première Vision shows at the beginning of the year.

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They are members

SULITEC



Sulitec is burning with innovation !

Positioned on the market of "high-temperature thermal insulation", located in north-Isère in Saint Alban de Roche, the company is gaining momentum.

Sulitec conceives all kinds of thermal insulation ideas for materials and personal protection. It integrates the entire chain of the sector - from product design (including special requests) to onsite assembly. These special textiles and composites also generate energy saving.

The Sulitec group, designer and manufacturer, has just bought and integrated a distributor and supplier, **Fédéral Technics**. This firm, divided into several distinct activities, has a second site in **Meyrié** devoted to boiler-making (**CAPTEX chaudronnerie**).

Website: <http://www.sulitec.fr>

MASSEBEUF



Located in the heart of the Auvergne Rhône-Alpes region, **Massebeuf Textiles** is a family business specialising in the design, manufacture and marketing of **high-value added technical textile yarns**.

The functional yarns developed by the company are transformed and derived from all kinds of yarns, fibres and/or filaments, (synthetic, organic, glass, aramid, metal wire, etc.) and using many processes such as wrapping, twisting, cabling, texturing, and functionalisation via chemicals and dyes.

Massebeuf Textiles **targets many markets** such as medical, footwear, personal protection, sports and industry.

Website: www.massebeuf-textiles.com

Your appointments with the cluster

December 10 to 14: Partnership mission to Japan

Japan is one of the **world leaders for technical textiles**.

This mission takes place in Tokyo in partnership with the Techtera and Up-tex innovation clusters and the support of the government department for enterprises.

The aim is to examine the textiles & soft materials ecosystems in Japan, meet those involved in innovation and R&D and **establish technological and industrial partnerships**.

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December 18: Invitation BOOSTAlps - Workshop & Brokerage Event, dedicated to automobiles and textiles

The European Alpine Region - EUSALP - and the Enterprise Europe network invite you to a **thematic workshop** followed by **bilateral international meetings** dedicated to the value chains of the **automotive and textile industry**, with the aim of fostering cooperation and partnership between firms.

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January 8 to 11, 2019: HEIMTEXTIL trade fair

For the next edition of the HEIMTEXTIL trade fair, Techtera is supporting companies in the AUVERGNE-RHÔNE-ALPES region at **the largest international show dedicated to home textiles**.

Thanks to **logistical and communication** support, those signed up will benefit from a **strong visibility** at this unrivalled business opportunity.

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January 31, 2019: International Conference on Textile Innovation C/Hospital, 64, BARCELONE – ESPAGNE (9h-18h30)

This conference is a **meeting point for the textile industry and European textile R&D centres**. It is organised as part of the CONTEXT network and is expected to bring together participants from more than 25 different countries. As the first event planned by this network, it will be an opportunity to present the themes that the organisation has worked on (five workgroups), success stories of European companies that have turned technological innovation into commercial victories and to discuss the sector's future, notably through future industrial programmes.

A Business-to-Business appointment session has been planned. The conference is open to everyone.

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February 12 to 14, 2019: PREMIERE VISION show

Parc d'expositions, PARIS NORD VILLEPINTE – ROISSY CHARLES DE GAULLE

Première Vision is the Worldwide Event for Fashion Industry Professionals
Techtera accompanies the companies of the Auvergne-Rhône-Alpes region with the support of UNITEX at the Première Vision Paris show. Having their own stand at the show, firms will also benefit from representation on the joint stand "Silk Fabrics and Jacquards of France" for maximum publicity. Techtera will also have a stand on the Wearable Lab.

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Life of the members

FIBROLINE move to new R&D center in Limonest, near Lyon

Fibroline entered during September **its new R&D center in Limonest**. This will be the opportunity for the company to extend its technology portfolio, with **new pilot lines to be installed in the coming months**, in particular with its S-Preg (mainly dedicated to medical field) & T-Preg (hygiene) configurations. Over the last years, Fibroline extended the use of its technologies to new businesses such as Filtration, Hygiene or Medical.

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

A new medical device developed by MDB Texinov® for treating Actinic Keratosis

In September 2018, **MDB Texinov® obtained the CE mark for its medical device Dynamic Light Therapy: FLUXMEDICARE®**. The FLUXMEDICARE® device consists of a luminous textile and a laser source to supply light.

This innovative system treats cutaneous lesions (actinic keratosis, pre-cancer of the skin) often developed after exposure without insufficient protection against the sun. A photo-sensitising cream is applied to the skin to be treated. The FLUXMEDICARE® textile is placed on the area thus prepared and illuminates it for 2¹/₂ hours. The injured skin cells absorb the cream and are destroyed when exposed to red light (photodynamic therapy).

Website: www.texinov.com

Calls for projects

EUROPEAN AND INTERNATIONAL CALLS FOR PROJECTS

FAST TRACK TO INNOVATION (Permanent)

European funding for joint projects close to the market

More information: <https://ec.europa.eu>

Contact: bmougin@techtera.org

SMEINST (Permanent)

European funding for bilateral projects in (enlarged) Europe for companies performing well in R&D

More information: <https://www.€tars-eureka.eu/about-€tars>

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EUROSTARS (Permanent)

European funding for bilateral projects in (enlarged) Europe for companies performing well in R&D

More information: <https://www.€tars-eureka.eu/about-€tars>

Contact: bmougin@techtera.org

Funding BPI-ACCIO (Permanent)

Funding for bilateral projects France-Catalonia.

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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