Edito

The results have arrived: Techtera will be involved in two new European inter-clustering projects!
By Julie RAFTON-JOLIVET, Business Launching Projects Manager

EU-ALLIANCE, the first project, aims to support the internationalisation of SMEs (small/medium enterprises) from six leading European clusters in the fields of technical textiles, connectivity, advanced technologies and materials. The project will target dual-use security and defence markets in four specific countries: United States, Canada, Japan and Indonesia. EU-ALLIANCE, of which Techtera is the coordinator, is a continuation of the fruitful activities implemented within the context of the ALLIANCE project.

The REC-N-COMP project will support the internationalisation of European SMEs whose activities involve the manufacture of composites made from recycled materials. The project aims to develop and test a common internationalisation strategy for these SMEs towards certain third markets such as the United States, Japan and Singapore.

These two new projects complement the support already launched with the TEXGLOBAL project; the aim of which is to enable technical and creative textile companies to identify growth opportunities in the United States, Mexico, and Vietnam by setting up market studies and organising trade missions.

We will meet you at the launch of the projects for more information!

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Focus

Techtera, partner of the DGA (French Ministry of Defence)!

Thanks to the innovation projects of its members, Techtera has been identified by the French Directorate General of Armaments (DGA), as a strategic organisation. Several actions are being carried out to strengthen the link between the textile industry and the defence sector.

Thus, on the Centurion programme dedicated to innovations for combatants, Techtera not only participates with a member in an exploration programme but, above all, launched a
call for "expressions of interest" at the start of the year. Thirteen projects were presented to the DGA on February 1st, prior to their submission to the organisation.

At European level, a new defence fund is being finalised. There are two ways to participate: The Grand Call part, in which about ten of you have already expressed your interest, and the SME Call presented on April 6th.

Collaborative innovation projects; funding via ASTRID, RAPID calls for projects; and on targeted themes such as NRBC: Techtera is one of the entry points for innovation for defence!

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Our Services

Looking for textile solutions? Techtera is here to help you.

The French textile industry is full of know-how bringing technicality, creativity and functionality to a large number of application markets. Techtera works on a daily basis to develop its visibility and create bridges between those looking for solutions and providers of solutions.

With this in mind, the innovation cluster offers companies looking for textile skills to submit specifications that will allow their needs to be precisely formalised in order to generate top-quality contacts with members of the cluster. The aim is to lead to concrete and fruitful contacts, with a view to establishing commercial partnerships. For Techtera members, this business opportunity generation service makes it possible to establish new contacts, to be recognised by contractors and thus constitute a framework conducive to the development of new commercial links.

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They are new members

3Deus Dynamics

3Deus Dynamics aims to push the boundaries of 3D printing thanks to its additive manufacturing process in granular medium, called "Dynamic Moulding". This innovation, a hybrid between 3D printing and injection/moulding makes it possible to handle all the polymers available on the market without chemical reformulation, without support structure and without geometry limits. Dynamic Moulding also makes it possible to manufacture composite materials.

The company is currently developing solutions for silicone materials, which will be available for all major markets, such as healthcare, transport, energy, fashion and agri-foods.

Website: www.3deusdynamics.com/

HERAUD RUBANS

Born in 1966, René HERAUD, the firm’s founder, first specialised in manufacturing "rufflette tape" for making curtains.

During this 21st century, HERAUD RUBANS has developed new ranges of tapes intended for clothing, lingerie and haberdashery. With its efficient production tool, HERAUD RUBANS invests in new technologies such as screen printing, laser or ultrasound cutting and hot adhesive for the packaging market. The R&D department is currently working on new, more eco-responsible materials (recycled PES, recycled natural materials, "green" artificial materials), and on the life cycle of its products.

Website: www.rubans-heraud.com/en/home/

Your appointments with the cluster

July 1-3, 2021: International Conference on Natural Fibres – PORTO (PORTUGAL)

The International Conference on Natural Fibres covers all recent work related to natural fibres, ranging from new fibres and functionalisation technologies through to analyses of the impact of using natural fibres.

Techtera, already present at the 2019 edition in Porto, will follow the 2021 edition in order to offer its members a full conference monitoring report, presented within the framework of the RECIT club.

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July 6-8, 2021: NEONYT trade show (Eco-friendly fashion) – FRANKFURT - GERMANY

Neonyt, the global hub for sustainable fashion and lifestyle will be integrated to the 1st edition of the Frankfurt Fashion Week such as the Fashionsustain & Fashiontech conferences, showcases and events. Techtera will take part to the show.

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October 26-29, 2021: 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). Once again, Techtera will be present at the event to support firms, in partnership with Business France.

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November 29 to December 3, 2021: Fashion Retail Tour - JAPAN/ KOREA

To strengthen its activities in the fashion and luxury market, Techtera is launching its first Fashion Retail Tour in Japan and Korea. In Tokyo and Seoul, this mission targets ready-to-wear, lingerie/swimwear and sportswear companies - material suppliers or brands. It aims to identify concepts and/or products not yet developed in Europe.

The Fashion Retail Tour will allow participating enterprises to discover the latest trends through guided tours in stores, around two main themes: discovery of new product offers, technical materials and customer experience.

This date is given as an indication. It may change depending on the health situation.

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Life of the members

**Solar Cloth has equipped a Vendée Globe boat with photovoltaic membranes**
To provide electricity, photovoltaic membranes have been installed on the cabin and sails of a technology-packed boat. This innovation has been developed by the start-up, a pioneer in this field. It will make it possible to equip ships of the future or even agricultural greenhouses.

Website: [www.solarclothsystem.com/home](http://www.solarclothsystem.com/home)

**Thuasne has acquired the American Knit-Rite**
The Thuasne Group, specialising in the design and distribution of medical devices, has acquired the American firm Knit-Rite, specialising in medical textiles and integrating a division dedicated to compression.

The two companies design the devices they develop. Then put them on the market, with complete, tried, tested and proven know-how, thus mastering all stages of production.

This acquisition strengthens the Thuasne position on the American market and enables it to enter a new market - that of devices for orthopaedic prostheses.

Website: [www.thuasne.com](http://www.thuasne.com)

**Elkem: relocation of a silicone production unit in France**
Elkem is setting up a new silicone production unit near Lyon and plans to start production at the end of the year. It will be dedicated to the manufacture of organo-functional silicones, a specialty produced until then only in Asia, and which represents 20% of sales in the silicone industry. It also houses a devolatilization unit essential for serving regulated markets with high-purity products.

Website: [www.elkem.com/silicones/](http://www.elkem.com/silicones/)

**Serge Ferrari equips a nursery with a system that has bactericidal and virucidal properties**
A nursery has been fitted out with new equipment: baby corners with mats, seats and wall protections, separation gates, radiator guards and mats made by Serge Ferrari.

The imitation leather fabric was chosen for its bactericidal and virucidal properties, which provide optimal protection for nursery staff and children.

Website: [www.sergeferrari.com/fr](http://www.sergeferrari.com/fr)
Calls for projects

EUROPEAN AND INTERNATIONAL CALLS FOR PROJECTS

Horizon Europe Green Deal
More information: [here](#)

**EIC ACCELERATOR**
It targets breakthrough innovations with major impacts on:
- Strategic Digital and Health technologies
- Green Deal innovations for the economic recovery

The cut-off dates for 2021 (for both Accelerator Open and Accelerator challenges) are:
- Wednesday 16 June, 2021 (for the preliminary file)
- Wednesday 6 October, 2021 (for the final file if selected between the two rounds)

More information: [Here](#)

**EUROSTARS (Coming soon)**
European funding for bilateral projects, in "enlarged" Europe for companies with high R&D performance.
More information: [https://www.eurostars-eureka.eu/about-eurostars](https://www.eurostars-eureka.eu/about-eurostars)

**Financements BPI-ACCIO (Permanent)**

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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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