



Edito

Techtera has thoughts about the evolution of certification procedures

By Corinne FARACE, Techtera's Executive Officer

Over the last few years, we have seen **new modes of consumption** flourish: We no longer buy car tyres but a guaranteed mileage. We can now hire clothing; in the past, this service was reserved for formal wear such as marriages etc.....

So, selling products is only ONE of the solutions available to us. Techtera has successfully integrated **innovation, based on new services** such as business models and customer experience, into its strategic roadmap.

Thus, our thoughts within the management lead us to **review our selection criteria regarding partnership projects** and **make changes in the approval certificate policy to meet these challenges**.

The world is on the move; we are responding!

Focus

CONTEXT: the European smart-textile network

CONTEXT is a European network of experts and everyone involved in smart textiles. Launched in January 2019, it will be funded by Europe until December 2022.

A place for creativity and openness, the network is open to all. It already has groups from more than 34 different countries. Techtera's main and historic partners are present.

More specifically, the network is organised **by market into five workgroups: health, personal protective equipment, transport, sport and building**. This way, the work is oriented towards the main sectors requiring innovative technologies derived from electronic textiles and advanced materials.

CONTEXT offers five different services – all subsidised by Europe:

- **Workgroups:** These organise partnerships according to market. Meeting several times throughout the year, they are the place for exchanges, discussions, creativity and the generation of projects between participants.
- **Thematic workshops:** They are associated with the various workgroups and offer a targeted, thematic approach, in line with the main strategies of the workgroups.
- **STSM (Short Term Scientific Missions):** These funds allow researchers to travel for short periods of time, with the aim of sharing skills or acquiring know-how.
- **Conference grants:** These help researchers who wish to present their work at international conferences.
- **Summer schools:** These are short immersion courses (3-5 days) at a technology centre; and given by recognised European experts.

The year 2019 was a success for the CONTEXT network. Led by a team of representatives from innovation clusters, the emphasis was on the interaction between laboratories and firms.

Thanks to this, the Techtera network has seen the birth of numerous European R&D projects; and even the start of industrial & commercial cooperation between members of the different partnerships.

Contact: Bruno MOUGIN – bmougin@techtera.org

They are members



AJ Biais

It all began in 1890 with the birth of a ribbon-weaving firm for the dressmaking industry: **Manufacture JH JABOULEY & Cie**. The year 2007 marked the arrival of **AJ BIAIS**, a merger between Alpha Biais and Jabouley. Very quickly, the business diversified and today AJ BIAIS is positioned as an indispensable player in the **accessories and**

border/binding market.

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



MARDUEL

Founded over a century ago, Marduel today manufactures **technical yarns for many industrial applications.**

Originally, Marduel produced yarns based on natural fibres for embroidery or haberdashery.

In the 1950s, with the arrival of synthetic yarns, such as polyamide and polyester, the company took a new turn and started to make high-tenacity technical yarns, which found industrial natural outlets.

In 2013, the company moved into a **new eco-responsible building**, better suited to its needs.

Thanks to on-going investment, Marduel now manufactures **special yarns based on glass, carbon or aramid in addition to high-tenacity yarns**.

A dedicated design office responds to its customers' problems in order to develop and perfect new yarns.

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

They are also members:

[AD MAJORIS](#) | [BENAUD CREATIONS](#) | [DICKSON PTL](#) | [HÄSTKO](#) | [INFLUTHERM](#) | [KURARAY OSAKA](#) | [MONTDOR](#) | [PREFA DU LEMAN](#) | [TEXTILES DE LA DUNIERE](#) |

Your appointments with the cluster

March 19, 2020: Infodays – European programmes - Auvergne-Rhône-Alpes Entreprise, Immeuble Empreinte - 30 quai Perrache - 69002 LYON (**Postponed**)

March 20, 2020: Infodays – European programmes - Chambre de Métiers et de l'Artisanat - ZAC Bouchayer-Viallet, 20 Rue des Arts et Métiers - 38026 GRENOBLE (**Postponed**)

European calls for R&D funding projects will be presented during the two days organised for this purpose, next March 19 in Lyon and March 20 in Grenoble.

On the programme: aid for small and medium enterprises (EIC accelerator), aid for joint projects, aid for bilateral projects (BPI), etc.

A well-designed setup: presentations, B2B meetings and project organisers pitches looking for partners.

Links to the programme :

<https://auvergnerhonealpes-entreprises.fr/infoday-europe-2020-session-de-lyon>

<https://auvergnerhonealpes-entreprises.fr/infoday-europe-2020-session-de-grenoble>

Contact: Bruno MOUGIN – bmougin@techtera.org

March 25-26, 2020: Innovation workshop polymers in sport (Techtera-SFIP-OSV) - Centre de congrès « Le Manège » - 331, rue de la République - 73000 CHAMBERY (**Postponed**)

Techtera co-organises with **SFIP** (*French Society of Plastic Engineers*) and **OSV** (*Outdoor Sports*) the third edition of the conference: polymers in sport.

On the programme: conferences, including **presentations of laboratories and companies from all those involved in the chain** (raw material suppliers, subcontractors, brands).

Also note: a brainstorming session to generate project ideas and a visit to an industrial laboratory!

Contact : Bruno MOUGIN – bmougin@techtera.org

April 22-24, 2020 : MOUNTAIN PLANET, International Mountain Development Trade Fair - Alpexpo - 2 avenue d'Innsbruck - 38100 GRENOBLE
(Postponed in 2022)

Mountain Planet is an essential trade fair! Every year, winter and summer, it brings together **those involved in the mountain sector**; also, **professionals concerned with the development of urban structures**. During its last edition, this event hosted 900 internationals working in this field, from 25 countries. This year, through the Auvergne-Rhône-Alpes Region, Techtera will be present at the show for the first time.

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April 27-29, 2020: CONTEXT, InMotion 2020 – International conference on smart textiles - Congress Centrum Weimarhalle (Seminar building) - Unesco-Platz 1 - WEIMAR – GERMANY (Postponed)

Techtera will be with you at the “In motion 2020” conference on the theme of new technological developments and areas of application **for smart textiles**.

At the conference, you will have access to the latest research results, examples of good practice, workshops and round tables. The event will focus on **solutions for the automotive, aerospace and personal protective equipment sectors**.

In parallel to the conference, companies and research institutes will present an exhibition of **their latest developments and projects**.

This event will allow you to exchange your ideas with experts from around the world on the dynamics of the development and use of smart textiles.

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May 4-8, 2020: ALLIANCE; Mission to South Korea (Canceled)

As the leader of the European ALLIANCE project, aimed at the internationalisation of companies, Techtera accompanies textile companies on a collective mission to South Korea.

The ALLIANCE project brings together 7 European clusters and supports textile companies in the defence and security markets in the United States, Japan and South Korea.

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Mai 12-14, 2020 : JEC WORLD 2020, worldwide exhibition dedicated to composites - Parc des expositions – PARIS NORD VILLEPINTE - FRANCE

JEC: Please note that this show, originally planned for March 3 to 5, 2020, will now take place from May 12 to 14, 2020.

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Mai 26-27, 2020 : VDMA International conference - Smart production technologies for high performance materials - Techtera – 91b chemin des Mouilles – 69 130 ECULLY (**Postponed**)

In partnership with VDMA (German Union of Textile Machinery Manufacturers), Techtera is organising a conference on the theme of the industry of the future – presenting new intelligent means of production for high-performance materials.

May 26, 2020, on the Techtera premises, innovations in the sector will be presented, followed by a time for exchanges and B2B meetings with VDMA members.

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June 10-12, 2020 : Collective mission in Germany dedicated to Smart Textiles and Wear It Show – BERLIN – GERMANY

Techtera invites you to explore Berlin with a joint mission on the subject of Smart Textiles. Over the last ten years, the German capital has used its energy to transform and rebuild its economy; now becoming **one of Europe's main places for the creative and digital industries**.

The event offers you the opportunity to carry out a technical and market observation of trends, developments and expectations regarding smart textiles; also, new possibilities for cooperation with German partners.

On the programme:

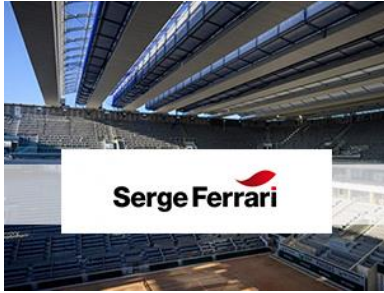
- **An organised and accompanied visit to "Wear It":** A business platform and major European conference for the wearables sector, with the possibility of pitching to potential partners and participating in a workshop on the spot.
- **Visits and meetings to laboratories and research centres,** whose activities are devoted to smart textiles and related themes such as design, computerisation of industry and evolution in business models.

This mission will allow you to immerse yourself in the Berlin culture of innovation and design, and to obtain a better overall understanding of the future opportunities for smart textiles and their markets, such as fashion, connected objects and sport.

You will shortly receive information about the full programme and how to participate. Because the number of places is limited, you can already express your interest if you wish.

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Life of the members



Participation of Serge Ferrari in the construction of the retractable roof of the central court at Roland-Garros

Serge Ferrari, creator and manufacturer of flexible composite materials, participated in the **construction of the retractable roof of the central court** at Roland-Garros, which

hosts each year one of the four major tennis tournaments as part of the Grand Slam.

The retractable roof, made of steel, is covered with a translucent and waterproof fabric.

The roof consists of eleven steel beams, designed and manufactured by the Italian firm Cimolai, covered with **15,000 m² of flexible composite membranes coming from the Ferrari company**. Thus, it will cover a total surface area of 1 hectare, and can be deployed in less than 15 minutes.

The French Tennis Federation wanted a system able to cover the stadium in a few minutes, to let in natural light, but also to provide the acoustic performance of an enclosed roof. Thanks to an AlphaSilent AW fabric, the **acoustic performance** will also be improved during matches and in case of rain. Ferrari is not just in test phase! The company has already covered the London Olympic stadium.

Website : <https://www.sergeferrari.com/fr>



Porcher Industries presents a new generation of intelligent materials

Porcher industries, world leader in high-performance technical textiles and thermoplastic composites, announces the launch of a new generation of intelligent materials. It involves integrating functions within the fibre, such as the illumination of certain areas, temperature measurement – even the detection of a remote connection. The outlets for these very high value-added materials are manifold, and concern the most diverse markets; particularly aerospace, automotive, industry and building, sport & leisure and even security.

Links to the press release :

https://www.porcher-ind.com/upload/media_center/56b3f-cp-smart-textiles-fr.pdf

Website: <https://www.porcher-ind.com/fr>

Calls for projects

EUROPEAN AND INTERNATIONAL CALLS FOR PROJECTS

SME instrument (EIC Accelerator Pilot) : Appel à propositions Horizon 2020 (Clôture : 18 mars, 19 mai et 7 octobre 2020)

Plus d'informations : <https://ec.europa.eu/info/funding-tenders/opportunities/portal>

Advanced light materials and their production processes for automotive applications (Closing: April 4, 2020)

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

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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