



## Edito

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### Techtera, winner of the “Towards Green Transition” call for projects with the EEIG EU-TEXTILE2030

By Kim PICARD-CHAÏBI, Techtera Projects Manager

To accentuate its members' self-motivation concerning the circular economy, Techtera responded to the “Towards Green Transition” European call for projects - alongside four other partner textile clusters, who are all members of the **EEIG (European Economic Interest Grouping)** EU-TEXTILE2030: AEI TEXTILS (Spain), ATEVAL (Spain), CS-POINTEX (Italy) and CITEVE (Portugal).

Techtera will thus benefit from training, by European experts, on a series of subjects related to the circular economy and ecological transition; thereby effectively supporting its members with this transition.

The aim of the project is twofold:

- Develop methods and support tools for textile manufacturers to help them in this transition and test the methods with five members of Techtera (small - medium enterprises).
- Support manufacturers in establishing their business model: define the challenges and actions to move towards the circular economy; the tools to simplify decision-making processes; the guidelines to optimise business models and facilitate the co-creation of the value chain. All this will be restored to members through a dedicated workshop.

Already strongly involved in the circular economy theme, Techtera will be able to support its members better than ever, both environmentally and economically, to create a more sustainable sector.

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# Focus

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## Student Innovation Challenge: Fibres & Talents

The textile sector is constantly renewing itself! Today's students are tomorrow's talents.

In this context, Techtera is launching the **Fibres & Talents competition intended to highlight students' innovative textile projects**. The winners will be presented during the Techtera Members' Day on July 22, 2021.

**Six prizes** will be awarded for the best **innovative textile projects**.

This challenge is strongly supported by the textile sector. In partnership with [UNITEX](#), it is sponsored by **three major companies working in this field**.

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## Our services

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### Your next international meetings !

Techtera is pleased to support you again at international trade fairs! The next two meetings will both take place in Düsseldorf, respectively at the shows [Medica – Compamed](#) (November 15-18, 2021) and [A+A](#) (October 26-29, 2021).

- **The A+A trade fair** is recognised as a world-famous showcase for protection, safety and health-at-work. This event is the largest gathering for the promotion of know-how and the search for prospects and future partners.
- The **Medica – Compamed** trade fair is the world's largest show dedicated to the health sector. It brings together contractors looking for new products/systems and firms working in the sector.

These two shows allow firms working in these sectors to **showcase their know-how and innovations** for prospects and clients. These are also **export opportunities** for organisations that have developed new PPE (*personal protective equipment*) or medical devices during the health crisis.

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### “Techtera Mornings” – to explain the Horizon Europe programme!

The **new Horizon Europe programme for funding research, development and innovation** has been launched. **Seven years and over 90 billion euros of funding!**

**Techtera has examined the main calls for projects that make it up and invites you to discover them during a series of morning sessions** – to take place from July 5 to 9, 2021 from 8:30 a.m. Horizon Europe is open to all size and type of organisation.

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## They are new members

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### SOLARMTEX

**SOLARMTEX**, the technical clothing manufacturer, specialises in the **development and production of flexible products dedicated to the Military, Defence and Security world**. The company, certified ISO 9001, is experiencing strong growth **as a supplier of all fittings** for new armoured vehicles for the French Army; in addition to expanding its customer range towards the civilian sector, with the outdoors, electronics, measurement, sport and mountains. SOLARMTEX has a **design department**, with a 3-D modelling license to support its production services dedicated to small/medium series of bags, covers, protections, cases, heating systems, packaging, carrying and protecting, etc.

Recently the company acquired the **I.J.M. Confection company**, specialised in technical luggage.

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



### AWAKE CONCEPT

AWAKE CONCEPT is an **organisation bringing together dedicated designers and entrepreneurs** with an avant-garde vision of manufacturing, **based on continuous innovation**. This brand uses science and technology to create **modern, durable and efficient products with the lowest possible carbon impact**.

Its difference lies in the **use of materials systematically resulting from a recycling or bio-manufacturing process**. In 2019, mandated by the Elysée on the occasion of the international G7 summit, AWAKE CONCEPT developed the **first watch in history made from recycled fishing nets** (the main source of ocean pollution).

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

## Your appointments with the cluster

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### June 23-24, 2021: European Innovation Days - Webinar

The European Innovation Days unites scientific, industrial and political communities at European level, in connection with innovation and new technologies.

An unmissable annual event, which in 2020 brought together more than 35,000 participants from 188 different countries!

**On the programme this year:** innovation, and in particular the new Horizon Europe R&D&I funding programme! Also, of course, the post-covid recovery ...

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## July 22, 2021: It's summer - time to meet each other! - ECULLY - FRANCE

Techtera is offering its members a second edition of **the annual event** "It's summer - time to meet each other", a moment of conviviality and discussion on the cluster's premises in Ecully. Note the date in your diaries!

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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 15-18, 2021: Medica trade show (Health) - DÜSSELDORF - GERMANY

Techtera will be present at MEDICA, the **world trade show dedicated to the health sector**, with a delegation of companies. During its last edition, the show welcomed nearly 6,300 exhibitors and over 121,000 visitors from 176 countries.

It is held **in conjunction with COMPAMED**, an event dedicated to raw materials, components and plastics related to the medical sector. **This French pavilion** is organized in partnership with Lyon Biopole, I-Care and 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

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## Texinov joins a transatlantic partnership project: the “DeNETer” project

Texinov officially announces its participation in a transatlantic joint project: the “DeNETer” venture.

The project aims to **develop crop protection nets designed from bio-based materials**, combined with the use of bioactive compounds with phytosanitary properties – reusable over several seasons and replacing traditional pesticides.

Similar to environmental initiatives undertaken around the world, Texinov has chosen to become part of a joint international initiative focusing on the development of an ecological crop-protection system.

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



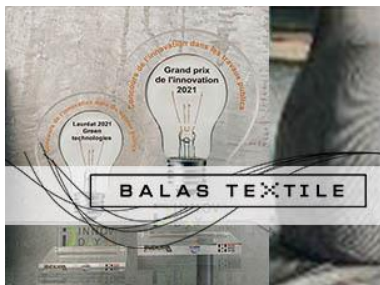
## BeFC initiates the industrialisation phase on its first anniversary

Since **raising €3 million in private investment funds** in June 2020, BeFC has continued to develop its **sustainable energy source based on paper and biological catalysts called enzymes**. Sugar and oxygen are transformed into electricity, for powering low-energy electronic devices.

At the same time, BeFC is developing **electronic systems** dedicated to bio-enzymatic cells in paper, comprising sensors, microprocessors and wireless communication modules in order to adapt to different markets.

Created in May 2020, **BeFC celebrates its first anniversary and begins the industrialisation phase of its sustainable bio-cells** in order to achieve mass production scheduled for early 2023.

Website: <https://BeFC.global> - Chaîne [YouTube](#)



## The CHAB project, one of the 3 winners of the Innov Day TP, led by Balas Textile and supported by Techtera

The Innov Day TP, a competition for **innovation in public works** organised by the Indura cluster, the F RTP Auvergne-Rhône-Alpes and the HUB Innov'Infra, **has awarded the CHAB project in the Green Technologies category**.

Olivier Balas, president of Balas Textile, brilliantly convinced the jury of the final, during the pitch competition of the 9 winners, and brought **the Concrete Socks to the first place**.

The CHAB project offers **a sustainable solution for deep foundation**. It will replace steel casing with a textile solution that is light and easy to use, has virtually no logistics requirements, and provides the same level of quality, reducing costs, delays, and risks. CHAB will be a true game-changer for deep foundations, and participate to much cleaner construction techniques.

The CHAB project, supported by Techtera, was born from the union of three industrial leaders in their field, [Balas Textile](#), [CTMI - Composite Textile Materials Innovation](#) and [SMB Bord Cote](#), in collaboration with INSA Lyon. The project was rewarded by the R&D booster 2018 of Auvergne-Rhône-Alpes.

**Website:** <https://chab-solutions.com/>

## Calls for projects

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### 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>

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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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