



Edito

At Techtera, all systems are “Go!” – Ready for renewal of the “Innovation Cluster” label.

For nearly 18 years, innovation clusters have been one of the great pillars of French innovation policy, particularly for the benefit of SMEs (*small/medium enterprises*).

As phase IV (2019-2022) of the clusters’ policy comes to an end, the State and Regions reaffirm the effectiveness of this strategy with a new call for applications aimed at labelling innovation clusters for another four years (2023-2026). There are two main targets: (1) Federate the means and resources of the sector to meet future challenges, especially environmental ones; (2) Include the sector’s trades, products and projects in the panorama of France 2030.

Techtera, which released its strategy this week, has designed a new roadmap, now including:

- **A review of the 92 national projects and 56 European projects** carried out between 2019 and 2022, confirming the relevance of the technological strategies of the previous roadmap. This will allow us to identify the first directions for action during phase V.
- **A participatory consultation process, with the various players in the sector**, to define Techtera’s strategic priorities:
 - Eighty-six French organisations and twelve European organisations (Germany, Belgium, Spain, Portugal, United Kingdom) took part in a **survey**, designed in line with the roadmap of the European Textile Platform (ETP), of which Techtera is administrator.
 - **Joint collective brain storming workshops** were also led by Techtera in Lyon and Mulhouse, bringing together a total of **thirty-eight organisations**. They made it possible to collect members’ requirements by theme, in order to understand the issues and obstacles encountered on the basis of the three roadmap strategies. These sessions allowed us to collect key qualitative data needed to develop the new Phase V roadmap. In fact, more than 200 topics emanated from these workshops, grouped according to the themes from the roadmap of the ETP platform.

This approach has allowed us to build a roadmap that is as close as possible to the challenges and needs of the French textile industry.

FOCUS

Techtera is a partner in 2 European projects launched last September!

EUROBOOSTEX, accelerating the digital and ecological transition in the textile industry

Partnership objectives

The main objective of EuroBoostTEX is to connect textile ecosystems across EU regions to strengthen value chains, stimulate innovation, internationalisation at SME level, and facilitate industrial transformation towards a greener and digital future.

The project aims to drive change and make European textile value chains more resilient in the post-Pandemic period by providing SMEs with a set of tools to improve their innovation potential, technology adoption, skills acquisition and internationalisation.

The consortium is made up of 5 partners from 4 countries: ATEVAL (Spain), AEI textile (Spain), CITEVE (Portugal), NTT (Italy) and TECHTERA (France).

The project has a total budget of 1.4 million euros.

Project actions and services to companies

A set of actions led by the partners and completed by financing will be proposed to textile SMEs during 3 years. The total of these financings amounts to 1 050 000 €.

They will be focus on:

- Animating a European textile network for resilience and generating growth opportunities for SMEs.
- Fostering innovation for strategic autonomy by funding new products or services,
- Support the adoption of advanced digital technologies,
- Explore international opportunities in Australia,
- Support the reskilling of the textile workforce and build skills through training



Co-funded by the COSME programme
of the European Union

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

CALIMERO, for the creation of a value chain based on the use of natural fibres

Partnership objectives

CALIMERO focuses on the transition to a sustainable traditional industry.

Five sectors are targeted: Construction, wood, textiles, paper, chemical additives.

The project is structured around three phases: Collect all the data, analysis and processing (artificial intelligence models) and application to practical cases.

The project's ambition is high! Three types of analysis will be carried out: Life cycle analysis coupled to an economic life cycle analysis and a social life cycle analysis.

The project is led by a Spanish firm (CONTACTICA). It involves three French partners, namely Techtera, Neovili and WeLoop.

The budget, 100% financed by the European Union, represents an overall project of 3.52 million euros.

Project action and business services

- **Share best practices** between sectors with historical similarities
- **Identify and define impactful strategies for the use of bio-sourced materials**
- **Develop and disseminate analytical models** and adopt parameters having a real impact
- Lay the foundations of **economic and social life cycle analyses** for the textile sector
- Strengthen the skills of the ecosystem through **training**



Funded by the European Union

Contact: Bruno MOUGIN - bmougin@techtera.org

Our services

Techtera alongside its members during exploratory missions organized for the first half of 2023

Techtera proposes several missions to its members during the first semester of 2023:

- January 28-February 4, 2023: Security & Defense Mission - **INDONESIA** (EU-Alliance Project)
- March 13-17, 2023: Security & Defense Mission - **JAPAN** (EU-Alliance Project)
- May 15-19, 2023: Sustainable/Recycled Composites Mission - **JAPAN** (REC-N-COMP Project)
- May 2023: Security & Defense Mission - **CANADA** (EU-Alliance Project)
- May 8-12 2023: Technical Textiles Mission - **USA** (during Techtextil North America in Atlanta-TEXGLOBAL Project)

To remind:

The EU-Alliance project aims to support the internationalization of European SMEs in technical textiles, connectivity, advanced technologies and advanced materials. The project targets in particular the dual-use markets of security and defense.

The TEXGLOBAL project aims to enable SMEs to benefit from a set of services to identify international growth opportunities. It aims to establish

The REC-N-COMP project is to support the internationalisation of European SMEs whose activities are related to the manufacture of composites from recycled materials, particularly textiles.

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

They are members



DUTEL

Created in 1937, Dutel is one of the leaders as regards Jacquard weaving. Every year, two thousand designs are created at its head office, located in Rillieux-la-Pape (Rhône).

These are then woven in Panissières (Loire); then delivered throughout France or exported to more than seventy countries around the world. Thanks to its collections of Jacquard fabrics for waistcoats and suits, Dutel has become the European leader in the “men’s formal wear” market. The company is also a major player in “image and uniform clothing”.

Dutel masters the entire fabric manufacturing chain, from weaving to finishing. The Dutel creation department designs two collections of drawings per year. Lightweight fabrics, such as textiles for sleeved garments, are included in the collections of women’s ready-to-wear brands in many countries.

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



CANOE

CANOE is a technology centre, specializing in formulation and manufacturing processes for the development of finished and semi-finished products in the field of composites and advanced materials.

With its team of forty people, spread over three sites, CANOE has state-of-the-art means of innovation, to ensure the development of materials and processes; from the laboratory scale to the prototypes and pre-production series. The main objective of CANOE is to support companies in the development of new products and processes in response to industrial needs.

Among other equipment, CANOE has several coagulation spinning lines capable of producing up to 2kg/h of fibre, a continuous carbonization pilot line, fibre-cutting and sail-manufacturing tools that use wet-laid technology.

Website: <http://www.plateforme-canoe.com>

Your appointments with the cluster

October 10 to 14, 2022: EU-ALLIANCE: Security and defence trade mission

– WASHINGTON – USA

The mission will take place in Washington, on the sidelines of the AUSA convention (Association of the United States Army).

This is the largest land-defence event in North America, which brings together 700 exhibitors and contractors. Visitors also have access to numerous conferences allowing them to better understand the challenges and opportunities concerning the American defence market.

This mission will also be an opportunity to discover the State of Maryland; a very rich and active ecosystem in the defence and security sectors.

Programme co-financed by the European Union's COSME programme.

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

October 17 to 21, 2022: REC-N-COMP: Exploratory mission concerning sustainable composites – CALIFORNIA – USA

The mission will take place from October 17 to 21, 2022 in California on the sidelines of the CAMX tradeshow.

The project will develop efficient and economically-realistic processes, adapted to the specificities of the two value chains. It will give **European industry the means to control and implement its patented processes for manufacturing recycled materials.**

Programme co-financed by the European Union's COSME programme.

Contact: Robin ODDON - roddon@techtera.org

October 18-19, 2022: French – Swedish Research Days - BORAS – SWEDEN

Techtera is a partner of the French – Swedish Research Days event.

On the programme: two days of meetings at research and industry level, focused on textiles. The main areas of innovation: smart textiles, the circular economy and the industry of the future.

Contact: Bruno MOUGIN - bmougin@techtera.org

October 26, 2022: Natural Fiber Extraction Congress - STUTTGART-GERMANY

Techtera partners with [DITF](#) (German Institute for Textile and Fibre Research) and [AFBW](#) (Alliance for Fibre Materials in Baden-Württemberg) to offer you the opportunity to participate in the [Natural Fiber Extraction Congress](#).

The Natural Fiber Extraction Congress aims **to create a platform for all stakeholders involved in the supply chain** – from farmers to users – to get an overview of the different technologies,

to share experiences and to provide a decision support for building an effective, economic, and reliable supply chain for natural fibres.

The Natural Fiber Extraction Congress intends **to promote sustainable business**, showing solutions to effectively process plant-based raw materials and residues into fibers for clothing, home textiles and technical applications.

The focus of the congress is on **industrialized fiber extraction**, as this is where fiber and textile technology know-how are most needed. In an accompanying exhibition and in a start-up and material slam companies and institutes present their competencies and offer opportunity for dialog. Selected start-ups will also give you the opportunity to get to know young companies and their innovative ideas and products.

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

November 3-4, 2022: PERFORMANCE DAYS Show (Textiles for Sport) - MUNICH - GERMANY

“Performance Days” is a trade fair dedicated to textiles for applications in the sports sector. With its **focus on sustainability**, it has established itself as the major event in the sector.

After a two-year interruption, the April 2022 edition broke the show’s attendance record, confirming its status as an event not to be missed.

Contact: Robin ODDON – roddon@techtera.org

November 17, 2022: NEDS show (Sécurité & Defense) - NETHERLANDS - ROTTERDAM

Techtera will be exhibiting at NEDS, the Dutch Defense Exhibition, organized by its partner NIDV with the Dutch Ministry of Defense on November 17 in Rotterdam.

Techtera will be present as a representative of the French textile industry at this event, which welcomes numerous contractors, and as coordinator of the EU-Alliance project dedicated to technical textiles, advanced materials and cutting-edge technologies for the civilian and military markets.

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

November 29-30, 2022: TEXGLOBAL – Virtual exploratory mission to VIETNAM - Webinar

As part of the European [TEXGLOBAL](#) project, Techtera invites you to take part in an exploratory textile mission, dedicated to Vietnam: from November 29 to 30, 2022. You will join a delegation of European textile companies and be able to discover the Vietnamese market. The aim is to meet those involved locally and build partnerships. The mission concerns all textile markets. Small/medium enterprises (SMEs) taking part may benefit from financial support.

The objective of the TEXGLOBAL project is to support the growth, competitiveness, international presence and industrial modernisation of European textile SMEs by improving their innovation capacity.

Programme co-financed by the European Union's COSME programme.

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

December 6-7, 2022 : Congress, healthcare innovation ; Polymer & textile assets - Espace Hamelin, 17 rue de l'Amiral Hamelin - 75016 PARIS

SFIP - the French Society of Plastics Engineers - and Techtera are organising a congress dedicated to the medical & healthcare industry on 6 and 7 December.

Polymers and textiles meet the challenges of connected health, customisation, traceability and homecare.

They are at the heart of solutions in a wide range of applications: medical devices, primary and secondary packaging, in-vitro diagnostics, etc. Thanks to their unique properties, they meet the regulatory requirements, of quality, safety and innovation required by this very demanding sector regarding patient protection.

Three main areas are concerned:

- Innovation
- Regulation & user expectations
- Sustainable development.

It is dedicated to raw material producers, industrial and academic researchers, designers, processors/converters and manufacturers of medical use's products, start-ups and prescribers/purchasers.

Programme : [ici](#)

Inscription : [ici](#)

Contact: Bruno MOUGIN – bmougin@techtera.org

June 8-14, 2023: ITMA 2023 - Textile Technology Event - MILAN - ITALY

For the second time, Techtera will be a partner of ITMA, an event held every four years, dedicated to **machines and technologies for textiles and clothing**.

With a global audience welcoming key decision makers from the **world's largest textile and clothing producers and owners of major brands**, ITMA is the place to meet suppliers of textile technology systems and equipment. It is also the place to gather market intelligence and forge partnerships.

Contact: Robin ODDON – roddon@techtera.org

Life of the members



FIREX: accelerate the development of the French textile circular economy

The FIREX project brings together five French partners, all members of Techtera: the [Centre européen des textiles Innovants \(CETI\)](#), [Les Tissages de Charlieu \(LTC\)](#), [MAPEA](#), [TDV Industries](#) and [Synergies TLC](#).

The aim is to set up an industrial sector for the recycling of end-of-life textiles. FIREX is supported by the Government and has been labelled by the Techtera and Polymeris innovation clusters.

FIREX will require three years of applied and transfer research. Fourteen million euros will be invested **to equip the industrial production lines**.

Website: <https://synergies-tlc.com/>



Fontanille Scop has obtained ISO 14001 certification

“Be in a process of continuous progress” and “Aim for excellence” - a motto for Fontanille Scop, which has successfully taken up the challenges of ISO 14001 certification – Environmental Management System.

The ISO 14001 joins the other certificates and labels already obtained by Fontanille: “ISO9001, Öko-Tex, Living Heritage Enterprise and Proximity Manufacturing”.

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



IFTH is part of the WhiteCycle project, a European consortium for the recycling of complex textile-based plastic waste.

IFTH (French Textile and Apparel Institute) is a partner in the consortium working for the WhiteCycle project, coordinated by Michelin.

Its main objective is to develop a circular system for transforming complex textile-based plastic waste into high value-added products. Co-funded by Horizon Europe, the European Union’s research and innovation programme, this European public/private partnership has sixteen units. It will last for four years.

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



With Acousteam, Jarnias is now tackling noise pollution.

On September 21, the Jarnias group, the French leader for “working at height”, announced that it was taking a stake in the capital of Acousteam, a company specializing in noise pollution reduction systems.

In fact, according to the WHO (*World Health Organization*), in Europe, noise pollution represents the second source of damage to health, just behind air pollution. Construction companies have a great role to play in solving this problem.

This is an issue well understood by Acousteam. Since 2015, it has been designing innovative systems to fight this type of pollution. The acoustic tarpaulin covers, developed by this Grenoble-based company, are resistant to bad weather and difficult working conditions. Acousteam also makes tents to isolate the noisiest activities on construction sites.

Website: <https://acousteam.fr/>



Otego, based in Lyon, is developing a cover to protect works of art from fire.

Otego, the technical textile specialist, has developed a protective cover for use in cases of fire. This time, it is intended for an unexpected market: namely, works of art!

The product, which is part of a broader strategy for safeguarding our heritage, is being developed in collaboration with cultural institutions and civil protection services.

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

Calls for projects

EUROPEAN AND INTERNATIONAL CALLS FOR PROJECTS

LIFE Programm :

- Transition to clean energy. (Clôture : 16/11/2022)

More informations : [ici](#)

Fonds européen de défense – Call PME (Dépôt du projet : 12/2022)

More informations : [ici](#)

Contact: bmougin@techtera.org

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.

Contact: bmougin@techtera.org

Techtera

91 bis chemin des Mouilles – 69 130 ECULLY - FRANCE

Tel: +33 04 20 30 28 80 | Fax: +33 04 20 30 28 89

www.techtera.org



Techtera is supported by:

