



SOURCE OF TEXTILE INNOVATION
FOR OUR FUTURE



PROGRESS
REPORT

20
23

A word from the President



Philippe SANIAL
PRESIDENT OF TECHTERA

“ The renewal of the “Innovation Cluster” label for the period 2023-2026 demonstrates Techtera’s unwavering commitment to boosting innovation within the textile sector.

This award demonstrates the success of Techtera through the quality of the projects it supports and its impact on the textile ecosystem.

Techtera's strategic roadmap, developed with key players in the sector, aims to anticipate the challenges of tomorrow by promoting partnership innovation and strengthening collaboration with the upstream and downstream sectors. The cluster aspires to become a driver of cutting-edge innovation ecosystems by capitalising on its European networks.

Thanks to the signing, in 2023, of a partnership agreement, Techtera and Alice, together, are committed to reducing the carbon footprint of the textile industry, thus contributing to a more sustainable industry.

True to its roadmap, Techtera is investing in key projects linked to Industry 4.0, the circular economy and high-performance materials. Through these initiatives, Techtera confirms its role as a catalyst for innovation and transformation within the textile industry; thus, contributing to the sector's influence. ”



The ISO 9001 for Techtera's quality management system.



The European Cluster Management Excellence Label Gold for Techtera's highly sophisticated management and dedication to continuous improvement.

Highlights

Techtera, labelled as a innovation cluster for the period 2023-2026

The renewal of the "Innovation Cluster" label, awarded by the State in coordination with the Regions, attests to the driving role of Techtera to inject a dynamic of innovation into the textile sector.

Its strategy, built on an increase in projects on a European scale and support for the internationalisation of companies, has also borne fruit. Techtera has been awarded the Cluster Organisation Management Excellence Label Gold at the European level.

The cluster has succeeded in building, between industries in the sector and private & public organisations, an ecosystem whose size and actions are constantly growing and which carries the strategic roadmap for the entire textile industry.

Strategic roadmap

Making use of this network, Techtera has established, with the main players in the textile industry and its members, a strategic roadmap reflecting the challenges of tomorrow:

- Be a driver of cutting-edge innovation ecosystems:

Techtera responds to new challenges and opportunities by strengthening its territorial roots, developing partnership innovation, and strengthening interactions with upstream and downstream sectors and suppliers of the textile sector.

- Ensure a strong European dimension:

Techtera strives to capitalise on its networks and its capacity to intervene on European projects in order to finance R&D projects and support the internationalisation of its ecosystem.

- Respond to the innovation challenges raised by national and regional policies: Techtera responds to these challenges, in particular through the setting up of strategic projects aligned with the objectives of France 2030; thus, strengthening its contribution to the development of the entire textile sector. To this end, Techtera relies on the technology roadmap.

Generating action that promote the innovation process within the textile sector and participate in spreading this throughout the entire sector. This is the project that Techtera will carry out during the next four years.

A partnership in favour of a carbon-free textile industry

TECHTERA and ALLICE have joined forces to act together on the issue of energy efficiency and the decarbonisation of the textile industry. A unique collaboration in the sector!

This partnership aims to promote exchanges and create interaction between the two organisations through the coordination and construction of common or complementary action for the benefit of those working in the "Energy Transition" and "Textile" sectors.

With more than 120 members and partners, ALLICE, the industrial alliance for competitiveness and energy efficiency, federates its ecosystem and innovates to support the decarbonisation of the industry.



TECHTERA and ALLICE will work together to bring about joint projects concerning the decarbonisation of the textile industry.

Techtera's key figures

- 282 members
- 26 projects funded, including 6 European projects with a total budget of €47M
- 24 projects labelled in 2023
- 44 projects submitted in 2023

Technology roadmap 2023-2026

• 3 STRATEGIC PRIORITIES •



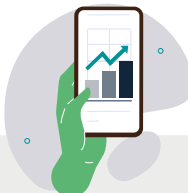
Sustainable & circular economy

Recycling

Natural and biobased fibrous materials

Non-regulated, biobased alternatives for textile chemistry

Processes with low environmental and health impacts - Traceability



Digitalization of industry

Digitization of product design and development

Digitization of manufacturing and learning factories

Digitization of the value chain, new business models



High performance materials

High-performance, low-impact materials

Smart/connected textile materials and systems

Materials for the energy transition

Multifunctional properties of materials for difficult environments

• 3 INTERVENTION STRATEGIES •



Research & Development Innovation

INITIATE / TAKE

action to increase the competitiveness of companies - through Research and Innovation.



Business development

SUPPORT

business growth - through Economic Development.



Skills

SUPPORT

initiatives for skills development and training.

Bringing out innovation

Techtera runs numerous workshops and thematic clubs to bring out innovation.

Thematics Innovation

11 Workshops
322 participants



- Textile energy evolution
- Finishing 4.0
- Inspection 4.0
- Terahertz opportunities for the textile sector
- Operational maintenance and retrofitting of industrial machinery and equipment
- Digitalization of supply
- Adding value to bio-based co-products
- Biobased antibacterial and antimicrobial solutions
- Lever for decarbonization
- 100% recyclable biosourced fibers
- Deployment of smart, mobile processes and real-time analyses

CONFERENCES

MASTERCLASSES

NETWORKS

SITE VISITS (INDUSTRIAL, LABORATORIES)

EXPERIENCE SHARING

MONITORING FEEDBACK

TECHNOLOGY DEMONSTRATIONS

Techtera clubs

Techtera Clubs: to explore, innovate and help shape a dynamic and sustainable industrial future.

Through its three Clubs, Techtera offers a unique opportunity to dive into the heart of constantly evolving technological solutions and the main challenges of the textile sector. Participating in the Clubs means nourishing your innovation strategy.

In 2023, Club members worked alongside industry professionals and experts; thus, promoting the sharing of ideas and the creation of innovative solutions, through working groups – sometimes leading to innovation projects.

The three Clubs, which brought together **68** companies in 2023, reflect the technological and strategic challenges of the textile industry.



Industry of the future



Smart Textiles & Wearables



Recycling and Circular Economy in the Textile Industry

FOCUS

Club IDF

« We are members of the Industry of the Future Club in order to keep ourselves informed of developments and digital applications that are being implemented in the textile industry and in industry in general.

The Club also allows us to move forward in our digitalisation process by helping us evaluate ourselves, prioritise actions and implement an appropriate action plan.

Thanks to our participation in the Club, we discover concrete methods and solutions while having the opportunity to meet other industries – and enrich our vision and our skills »



Bertrand PLAZE
Production Director
GARNIER & THIEBAUT

Supporting innovation

26 projects labelled by Techtera were financed, for a total budget of €47 million. Among them, six European R&D projects, with a total budget of €8.22 million. Since 2005, 293 projects have been financed for the sum of €698.7 million.

R&D projects financed

ABC4I

Develop innovative digital online analysis systems based on AI – and automation for real-time production control.

AII-COAT

Develop a "high performance" flame-retardant flexible composite membrane ensuring durability and reducing the socio-environmental and health impact.

BIOSTRUCT

Develop a manufacturing process for composite parts reinforced with fibres of biological origin – with integrated load control.

CARTOGRAPHIE DES DÉCHETS TEXTILES (MAPPING TEXTILE WASTE)

Identify, characterise and quantify production losses and dormant stocks in the regional textile sector in order to build a recovery support system for the Lyon Metropolis.

CASTTOR

Develop an industrial demonstrator that can recycle complex polyester-based textiles.

CHAB 1ST PLANT

Manufacture a circular knit in order to wrap reinforced concrete piles intended in particular for structural work.

ECOFELT

Reduce the carbon footprint of felt belt production with the help of LCA (Life Cycle Analysis) and the instrumentalization of machines.



ECOFLEX

Finalize and develop eco-designed coated textile systems for the luggage and protective clothing markets.

ECOVICE

Industrialise and market an eco-responsible system for protecting vines against spring frost.

FROZE TUNNEL

Develop an easily deployable and collapsible refrigerated tunnel to treat cases of hyperthermia.

IMPULSE

Create a "PUI" (*University Innovation Centre*) in the Auvergne-Rhône-Alpes region bringing together a consortium of R&D organisations in a local ecosystem; in order to increase the creation of Deeptech start-ups.

IROONY_MISC

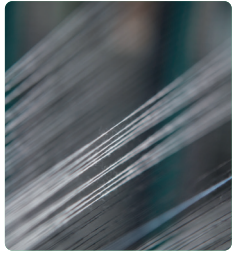
Develop a patented method based on hemp combined with other plants; to generate cellulose that can be transformed into versatile, high-performance textile fibres.

OZOCELL

Upgrade the co-products of oilseed flax cultivation into an artificial cellulosic fibre with low environmental impact; for use in the textile and food packaging market.

PLAIRE

Develop high-performance plastics from 100% recycled materials.



PROPTITEX

Create fabrics capable of changing colour locally and in a controlled manner.

RAINFOREST

Replace care labels, often cut off after purchase, with a digital label, NFC or RFID, on textile products or paper.

R-SOCK

Transform the sports sock industry by adopting a circular procedure, through the use of a recyclable bio-based fibre and a closed-loop collection system.

SOBLAST

Create modular composite anti-blast and bulletproof protection systems.



SOLPROD

Invest in a special winding machine intended to produce King Spool format spools for the market of designers and makers.

SWEETHEARTH

Develop a new method of screening for heart illness in women, by combining MRI (*magnetic resonance imaging*) and connected textiles.

TAFFTA

Produce high value-added hemp fibres in the south of France: understand and optimise the key processing stages.

TERATEX

Carry out a feasibility study on the use of terahertz radiation to identify hard points for textile sorting.

FOCUS

R&D Projects

"Techtera supported us in innovation projects throughout the year 2023.

The cluster played a key role in the implementation of these projects. Firstly, through its unifying role; because the cluster made it easier for us to identify and meet the right people.

Also, it played a catalytic role: Techtera's involvement allowed us to formalise ideas into projects and find the best sources of financing and assistance available for our company, at regional, national and European level.

Through its "Industry of the Future" Club, the cluster is also an important tool for technological monitoring and the acquisition of new strategies.

From my point of view, Techtera is an essential part of innovation in the textile industry."



Jean-Michel BERTRAND

Chief Executive Officer
TEINTURES ET IMPRESSIONS DE LYON

Supporting development

Techtera undertakes numerous actions aimed at stimulating the economic development of its members.

International support

26 companies accompanied or supported at trade shows

- Performance Days (Sport & Leisure)
- JEC WORLD 2023 (Composites)
- Pollutec (Environmental and technological solutions)
- A+A (PPE)



FOCUS

Support
A+A trade show

"Techtera provided us with serious and effective support, responding clearly and quickly to all our questions; both during the preparation phase and on site during the show and after. Thanks to the availability of a single contact person, we were able to engage in the show without stress; and with a significant saving of time. Furthermore, financial support was received a few weeks after our participation; covering half of the show stand and set-up costs.

The increased visibility provided by Techtera through a wide variety of channels (press kit, social networks, on-site publicity) has contributed to the success of our participation. Many contacts and opportunities were generated following this event."



Thierry DECROUX
Business Unit
Director
CHAMATEX

69 companies supported on international missions

- Mission Indonesia - Security & Defense (EU-ALLIANCE)
- 2 Missions to Japan - Security & Defense - Sustainable Composites (EU-Alliance, REC-N-COMP)
- Mission USA - Textiles (Texglobal)
- Mission Canada - Security & Defense (EU-ALLIANCE)
- Mission Singapore - Sustainable Composites (REC-N-COMP)
- Learning Tour - Textile innovation in South Korea and Japan



FOCUS

USA and Canada Missions
TEXGLOBAL

"With Techtera, I took part in two exploratory missions to the United States and Canada in May 2023. We approached key prospects in these markets during major trade shows (Techtextil NA & OPEX), and presented our smart textile systems. We established around thirty promising contacts and expanded our links with local ecosystems. Although not all of these contacts immediately translated into business, they represent a valuable asset for our future development. The strong European funding for these missions is a real plus! These missions exceeded our expectations, consolidating our market research and opening new commercial perspectives. I highly recommend this experience."



Murat DOGAN
Sales
Director
SATAB

Support growth - BtoB events

387 companies joined in BtoB meetings

- PME DGA Tour – Security & Defense meetings
- Textival - BtoB Textiles and Soft Materials meetings (Unitex)
- EuroBooSTEX Matchmaking event – BtoB meeting to find technological partners for a European call for projects



Discover and follow technological advances

213 participating companies

- Tomorrow's Textile – Roundtables on the Circular Economy
- Electronic Printed Meetings – Smart Textiles
- ITMA Monitoring – Machine Retrofit
- Smart X, SIDO Technical Monitoring – Smart Textiles
- Performance Days Monitoring – Textiles for Sports and Leisure
- Natural Fiber Extraction Congress Monitoring – Natural Fibers
- Dornbirn Congress Monitoring – Innovative fibers



Generate business opportunities

CART'TEX, the database of textile know-how created in 2011 by Techtera.

It lists over **350 skills** from nearly 80 French companies. It lists **more than 350 skills from nearly 80 French companies**. It is about textile and industrial know-how that the firms want to exploit.

CART'TEX is the link tool that allows the cluster to **identify the right industrial partner**, set up projects and find partners for development.

In 2023, the cluster carried out 35 supplier searches.

FOCUS

CART'TEX

"As a member of Techtera, I am very attentive to the opportunities offered by the innovation cluster. The linking service has opened up new perspectives for Boldoduc, offering both commercial outlets and technological partnership opportunities.

On average, we receive around ten requests per year as part of the search for know-how; and around half result in actual orders. Beyond these regular alliances, the linking service has also allowed us, on a more occasional basis, to enrich our proposals through the identification of technological partners. For example, in the field of weaving natural fibres."



Jean-Charles POTELLE
Chief Executive Officer
BOLDODUC

Taking part at a European level

Techtera is a partner in 8 interclustering projects in 2023.

New interclustering projects

AlpTextyles



The AlpTextyles project will develop joint solutions for the relocation of Alpine textile value chains, so that they become sustainable, circular, innovative, sensitive to heritage and consumers. AlpTextyles brings together twelve partners from five countries present in the Alpine region, with a wide variety of profiles and skills, such as: training, cultural heritage, industry, consumer studies.

How ?

- **By creating a common ground of expertise** in research and innovation,
- **By fostering regional development** and job creation and circularity,
- **By safeguarding cultural heritage.**

RegioGreenTex



RegioGreenTex is a four-fold partnership (industries, civil societies, governments, academic sectors) with €12.6 million. It has partners from eleven European textile regions working for better circularity and greater resilience of the European textile value chain.

How ?

- **By mapping the needs and the potential** through the implementation of a circular economy among European regions and clusters,
- **By building a dynamic textile recycling ecosystem** at European level through a shared computerised base of supply and demand,
- **By supporting small/medium enterprises pilot projects** to accelerate the creation, development and use of new textile materials with increased recycled content,
- **By creating five regional centres**, including one in the Auvergne-Rhône-Alpes region, for textile recycling,
- **By generating investment opportunities** at the regional level, continuing after the project stage.

Current interclustering projects

EUROBOOSTEX
Internationalization of European SMEs
Green and digital transition (2022-2025).

REC-N-COMP
Internationalization of European SMEs
Sustainable Composites (2021-2024).

EU-ALLIANCE
Internationalization of European SMEs
Security and defense markets (2021-2023).

TEXTGLOBAL
Internationalization of European textile
SMEs (2020-2023).

MINASMART
Digitization of corporate support
functions in Auvergne-Rhône-Alpes
Cybersecurity (2023-2025).

POLYTRONICS
Digitization of French polymer and textile
companies (2023-2025).

Techtera is a partner in 6 European R&D projects in 2023.

New R&D projects

Biostruct

The goal of the BioStruct project is to develop manufacturing processes that increase the use of natural fibre reinforced composites in structural applications. Co-financed by Horizon Europe and endowed with a budget of €8 million, this European public-private partnership involves ten organisations for a period of three years.

How ?

- **By developing a precise draping** process to control fibre orientation,
- **By creating material models** to take into consideration the natural variability of fibres,
- **By integrating nanostructured bio-sourced sensors** for measuring the loads applied,
- **By illustrating these advances** through the creation of two distinct usage situations, focused on wind energy and shipbuilding: a full-scale wind turbine blade and a 6-metre-long motorised boat hull.



Current R&D projects

CALIMERO

Creation of a value chain based on the use of natural fibres (2022-2025).

MC4

Circularity and performance of carbon and glass fibre composite value chains (2022-2025).



Co-funded by European Union

Europe at the service of the sector – The cluster, an influential organisation

European funds are an important tool for financing research and innovation. Techtera is at the heart of these subjects and is involved in influential associations in order to position the challenges facing the textile industry. This is for example the case within the framework of the Horizon Europe programme, where Techtera has actively supported the integration of a partnership dedicated to textiles in the next work programme. It is active within the national theme group led by the Ministry of Research and Higher Education concerning the industry; in order to place textiles within future calls for projects.

The innovation cluster also speaks and represents the French sector, on behalf of the Textile Industries Union, in the various EURATEX (European Apparel and Textile Confederation) commissions, or by being involved within the executive office of the ETP (European Technology Platform). Also, as a representative of the EU-TEXTILE 2030 European Economic Interest Group.

Finally, Techtera has chosen a person from its team to be available as a National Industry Contact Point. This is in order to stay as close as possible to these subjects and support French industry, including the textile sector, in its mobilisation concerning Horizon Europe.

FOCUS

Monitoring of
European calls for projects

"I am convinced that Techtera is an essential partner for companies seeking European funding for their research and innovation projects. The cluster's expertise, and its ability to decipher calls for projects, are valuable assets in our innovation strategy. Furthermore, thanks to its integration within influential bodies, Techtera is able to defend the interests of the sector and contribute to their consideration in European financing programmes."



Philippe ESPIARD
R&D General Manager
GROUPE SERGE FERRARI

Optimizing visibility

A monthly newsletter that puts its members in the spotlight

74 MEMBERS
featured in the "Spinning info" newsletter in 2023

8 365 SUBSCRIBERS
to the newsletter published in French, English and Japanese

24%
newsletter opening rate

Increased visibility in 2023, thanks to:

THE WEBSITE

7 DIGITAL BROCHURES
MORE THAN 57 052 VISITS
to the website

LINKEDIN PROFILE

5 400 SUBSCRIBERS
to the LinkedIn page
134 000 IMPRESSIONS

12 PRESS RELEASES

highlighting member projects labelled by Techtera that have been funded.

Techtera makes its members and their news, their successes and their projects, known to those working in the sector. Also, to national and international audiences.



Key events

JANUARY



FINANCING:
The place of textiles in the European program Horizon Europe

DEFENSE MISSION to Indonesia

FEBRUARY

COMPETITIVENESS WORKSHOP: Business culture in Japan

INNOVATION WORKSHOP: Ennoblement 4.0

FINANCING: European Defense Fund

MARCH

COMPETITIVENESS WORKSHOP: Canadian Defense Market

DEFENSE MISSION to Japon

TRADE SHOW PERFORMANCE DAYS (Textiles for sports)

INNOVATION WORKSHOP: Textile energy meeting

Polymer materials for sports and leisure day

INNOVATION WORKSHOP: Terahertz opportunities for the textile sector



APRIL

INNOVATION WORKSHOP: Operational maintenance and retrofit of industrial machines



TRADE SHOW: JEC WORLD (Composites)

MONITORING FEEDBACK: Performance Days and Natural Fiber Extraction Congress

MAY

EXPLORATORY MISSION to the USA

SUSTAINABLE COMPOSITES MISSION to Japan

FINANCING: InfoDays Europe

DEFENSE MISSION to Canada

JUNE

INNOVATION WORKSHOP: Adding value to biosourced by-products

FINANCING: Metropole de Lyon and Horizon Europe

TRADE SHOW: ITMA (Process textile)

JULY

SME TOUR DGA

INNOVATION WORKSHOP: Antibacterial, antimicrobial and biosourced solutions

COMPETITIVENESS WORKSHOP: Digital passport for textile industry products



NETWORKING EVENT of Techtera

SEPTEMBER



SUSTAINABLE COMPOSITES MISSION to Singapore

COMPETITIVENESS WORKSHOP: Anti-bedsores solutions

FASHION TECH DAYS

BtoB MEETINGS for the green and digital transition

NOVEMBER



INNOVATION TEXTILE TOUR in Japan and South Korea

INNOVATION WORKSHOP: Techtera & Allice – The levers of decarbonation

FINANCING: Ambition Europe

DECEMBER

MEGATRENDS

INNOVATION WORKSHOP: 100% recyclable biobased fibers

OCTOBER

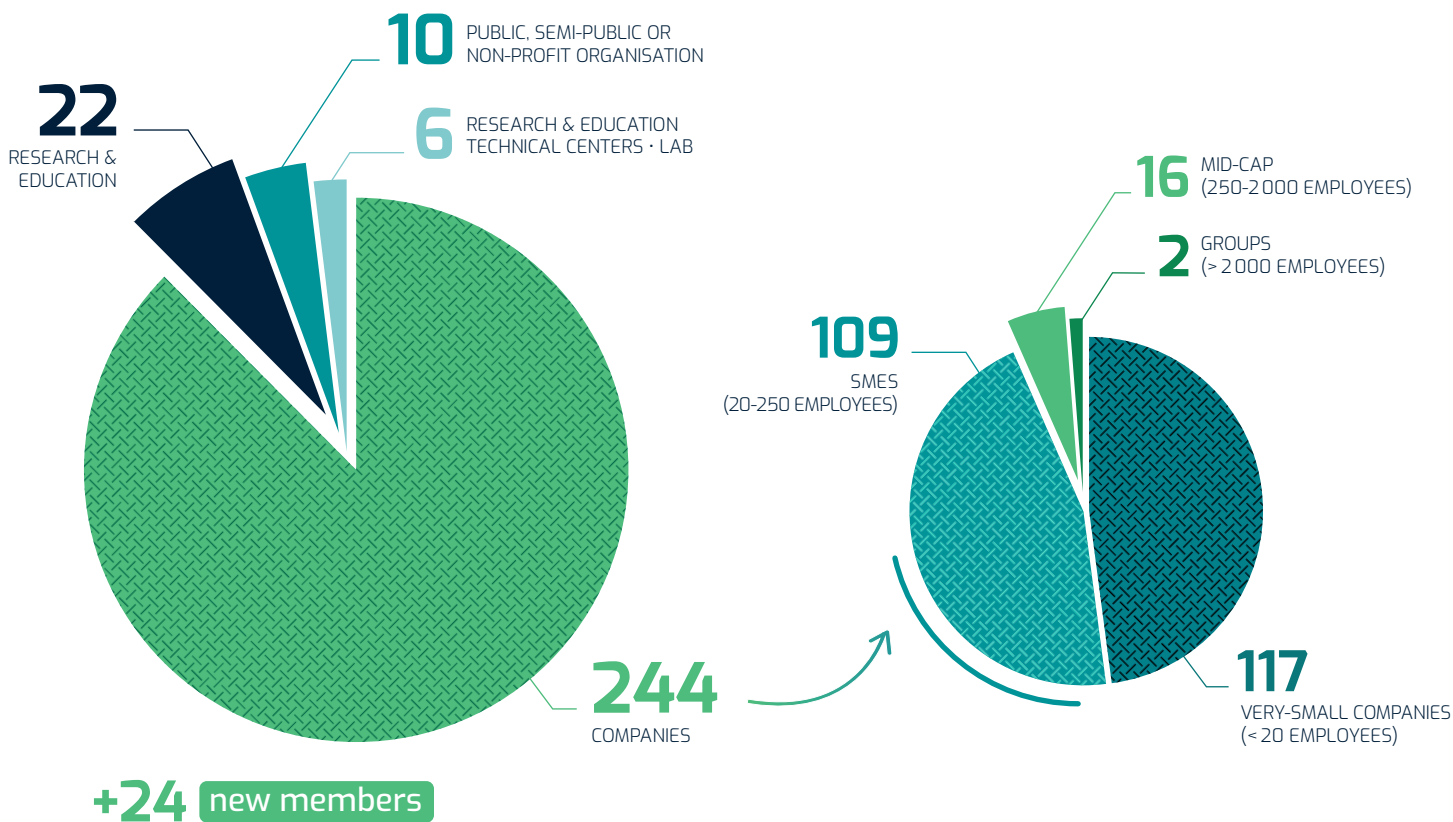
TOMORROW TEXTILE: ROUNDTABLES - Implications of territories in the circularity of the sector - Water in the textile industry: a resource to be preserved - Textile end-of-life management

BtoB TEXTILES MEETINGS: Textival (Unitex)

TRADE SHOW: A+A (PPE)

Techtera members

282 members, including 244 companies and 109 SMEs in 2023.



FOCUS

New member

"We joined the Techtera cluster in order to benefit from help with identifying and applying for innovation support schemes. Our objective was also, more generally, to strengthen our link with the textile ecosystem, particularly in France. Since then, we have been able to establish contacts with other groups involved, from research and industry, and participate in project applications with partners. We also obtained European funding as part of a project, of which Techtera is a partner, and benefited from follow-up monitored by Techtera. Finally, we appreciate the regular meetings with our Project Manager, who provides personal and long-term follow-up."



Anne REBOUX
Co-founder
RBX CRÉATIONS

Members 2023

3DEUS DYNAMICS · 3DITEX ·
4F · ACCES · ACOUSTEAM ·
AD MAJORIS · AE2M ·
AERO TEXTILE CONCEPT ·
AFELIM · AFITEXINOV ·
AJ BIAIS · AKAMMAK ·
AKTID · ALCAM CONCEPT ·
ALLIANCE MACHINES
TEXTILES · ALLICE ·
ALPEX PROTECTION ·
ALSATEX · ALTHOFFER ·
ANDRITZ PERFOJET · APF
ENTREPRISE ALSACE ·
APF FRANCE HANDICAP ·
APOLLO · AQ-TECH ·
ATELIERS A.S. · ATELIERS
DE TISSAGE DE BUSSIERES
ET DE CHALLES · ATELIERS
D'ENNOBLISSEMENT
D'IRIGNY · ATG
TECHNOLOGIES · ATIC ·
AUTHENTIQUE BRODERIE ·
AXEL'ONE · BALAS
TEXTILE · BARDUSCH ·
BEGLIARIAN FABRICS ·
BELINAC · BERTHEAS
ET CIE · BG COUTURE ·
BILLON · BLANCHARD
TECH & YARNS · BLANDINE
DELAHOUSSE DESIGNER ·
BLAST SOLUTIONS ET
ASSOCIES · BOLDODUC ·
BROCHIER TECHNOLOGIES ·
BUCOL · BUITEX
INDUSTRIES · C.H.A.B. ·
CALDERA · CANOE
(CENTRE TECHNOLOGIQUE
NOUVELLE AQUITAINE
COMPOSITES ET
MATÉRIAUX AVANCES) ·

CAP CONTAINER ·
CARLHIAN · CAWE · CEA-
LITEN (COMMISSARIAT
A L' ENERGIE ATOMIQUE
ET AUX ENERGIES
ALTERNATIVES) ·
CEDREM · CETI (CENTRE
EUROPEEN DES TEXTILES
INNOVANTS) · CETIA ·
CHAMATEX · CHAVANOZ
INDUSTRIE · CHOMARAT ·
CLIM8 · CNEP (CENTRE
NATIONAL D'EVALUATION
DE PHOTOPROTECTION) ·
COLORATHUR · CORDERIE
MEYER-SANSBOEUF ·
COUBLANC TEXTILES ·
COVERGUARD
SAFETY · CROUVEZIER
DEVELOPPEMENT · CTIPC
(CENTRE TECHNIQUE
INDUSTRIEL DE LA
PLASTURGIE ET DES
COMPOSITES) · CTMI
(COTTON TEXTILES POUR
MATÉRIAUX INNOVANTS) ·
CTP (CENTRE TECHNIQUE
DU PAPIER) · CTTN / IREN
(CENTRE TECHNIQUE
DE LA TEINTURE ET
NETTOYAGE) · DE FIL
EN AIGUILLE · DENIS
& FILS · DEVEAUX ·
DIATEX · DITF (DEUTSCHE
INSTITUTE FÜR TEXTIL-
UND FASERFORSCHUNG
DENKENDORF) · DMC ·
DOLLFUS ET MULLER ·
DS + M PORCHERET ·
DUTEL · ECOLE CENTRALE

DE LYON · ECOLLANT ·
ECOMAIISON · EFFBE ·
ELKEM SILICONES ·
EMANUEL LANG ·
ENERSSENS · ENSAD (ECOLE
NATIONALE SUPERIEURE
DES ARTS DECORATIFS) ·
ENSAIT (ECOLE NATIONALE
SUPERIEURE DES
ARTS ET INDUSTRIES
TEXTILES) · EPSIDY ·
EUROPROTECT · EVA
(EVENEMENTIEL EN VAL
D'ARGENT) · EVENT DRESS
CODE · EVER'INNOV ·
EXTRACTHIVE ·
FEAT-COOP · FESTO ·
FIBROLINE · FILATURE
DE LAINE PEIGNEE
D'AJOIE (FLASA) · FINAL
ADVANCED MATERIALS ·
FONTANILLE SCOP · FOTIA
DMT · FREUDENBERG
PERFORMANCE
MATERIALS · FRIP'VIE ·
FUTERRO · GAMMAO ·
GARNIER-THIEBAUT ·
GIBAUD · HEIMTEXTILE
CONCEPT ET DIFFUSION
(HTCD) · HENRI
NICOLET COTEXTILE
(HNC) · HOLDING
TEXTILE HERMES ·
HOWA TRAMICO ·
HUBACADEMY · HUGOTAG
ENNOBLISSEMENT · IJM ·
IFTH (INSTITUT FRANCAIS
TEXTILE & HABILLEMENT) ·
IMT (INSTITUT MINES
TELECOM) · INNOTHERA

NOMEXY · INOUID ·
INSA LYON · INSTITUT
CARNOT INGENIERIE@
LYON · INSTITUT CARNOT
MICA (CNRS) · IREIS
(INSTITUT DE RECHERCHES
EN INGENIERIE DES
SURFACES) · ISABELLE
LAURENT · ITECH · JACOB
HOLM INDUSTRIE ·
JEPLAN · JET METAL
TECHNOLOGIES · JRC
REFLEX · JULIEN FAURE ·
KAYSER FILTERTECH ·
KERMEL KEYBOP
CONSEIL · KURARAY · L&L
PRODUCTS EUROPE · LA
TANNERIE VEGETALE ·
LABONAL · LABORATOIRE
DE PHYSIQUE ET
MECANIQUE TEXTILES
(LPMT) · LABORATOIRE
GENIE DE PRODUCTION ·
ENIT (ECOLE NATIONALE
D'INGENIEURS DE
TARBE) · LABORATOIRE
IMEP-LAHC · LABORATOIRE
ITODYS (INTERFACES
TRAITEMENTS
ORGANISATION ET
DYNAMIQUE DES
SURFACES) · LABORATOIRE
LOCIE (LABORATOIRE
OPTIMISATION DE
LA CONCEPTION
ET INGENIERIE DE
L'ENVIRONNEMENT) ·
LABORATOIRES
INNOTHERA ·
LE JACQUARD FRANÇAIS ·

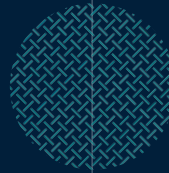
LE LABOGRAPH · LE
TEXTILE LAB · LEAD
TECH CLUB101 · LES
MOULINAGES DE
RIOTORD · LESAGE PARIS ·
LPPI (LABORATOIRE
DE PHYSICOCHIMIE
DES POLYMERES ET
DES INTERFACES) ·
LTC (LES TISSAGES DE
CHARLIEU) · LYCEE LA
MARTINIERE DIDEROT
(PLATEFORME TEXT'IN) ·
LYON INGENIERIE
PROJETS · MAILLE VERTE
DES VOSGES · MAISON
MA BILLE · MAISON
TROGLER · MALFROY &
MILLION · MANUFACTURE
HARTMANN / EURO
TF · MANUFACTURES
DE MODE · MAPA /
SPONTEX · MARCK &
BALSAN · MARDUEL ·
MASSEBEUF TEXTILES ·
MATÉRIELS INDUSTRIELS
DE SECURITE · MAYA
CAMPUS · MCVE
TECHNOLOGIE · MDB
TEXINOV · MECANUM ·
METAPHORES · METIS ·
MICHELIN INFLATABLE
SOLUTIONS · MILLET
MOUNTAIN · MITWILL
TEXTILES EUROPE · MKM
COUTURE · MOBIL ELASTO
FRANCE · MONTDOR ·
MOULINAGE DU SOLIER ·
N.SCHLUMBERGER ·
NCV INDUSTRIES · NDS

ELECTRONICS · NEYRET ·
NOOSA · NORMALU ·
NOUVELLE TERRE · OEA
(OURDISSAGE ENCOLLAGE
D'AMPLEPUIS) · OPENFAB ·
OPTIKAN SAS · OSV
(OUTDOOR SPORTS
VALLEY) · OTEGO ·
OUATINAGE D ALSACE ·
PAG NECKWEAR ·
PARADOX · PHILEA
TEXTILES · PHP-PHILIPPE ·
PIERRE ROCLE · PMG
ARDECHE · POLE TEXTILE
ALSACE · POLYMAGE ·
PORCHER INDUSTRIES ·
PORCHER TISSAGES ·
PRESTA'TERRE · PRIMOID ·
PRONEEM · PROTHELIOS ·
RBX CREATIONS ·
RECORBET · RECYC'ELIT ·
REGION AUVERGNE-
RHONE-ALPES ·
RESILIENCE · REVALOREM ·
ROBERT LEVY · ROVITEX ·
SABLE CHAUD · SAC
PERSONNALISABLE ·
SAERTEX · SAMAYA ·
SASYTEX · SATAB ·
SCHAEFFER
PRODUCTIQUE ·
SEMPATAP · SENFA ·
SEPARATIVE · SERAM ·
SERGE FERRARI · SERMA
TECHNOLOGIES · SFIIP
(SOCIETE FRANCAISE
DES INGENIEURS DES
PLASTIQUES) · SIEGL
(SOCIETE D'IMPRESSION
SUR ETOFFES DU GRAND

LEMPES) · SIGVARIS ·
SKEED INTERNATIONAL ·
SKYTED · SLOWER/SLOER ·
SME (SOFT MATERIALS
ENGINEERING) · SO
SPONGE · SOCIETE
NOVATRICE DE
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