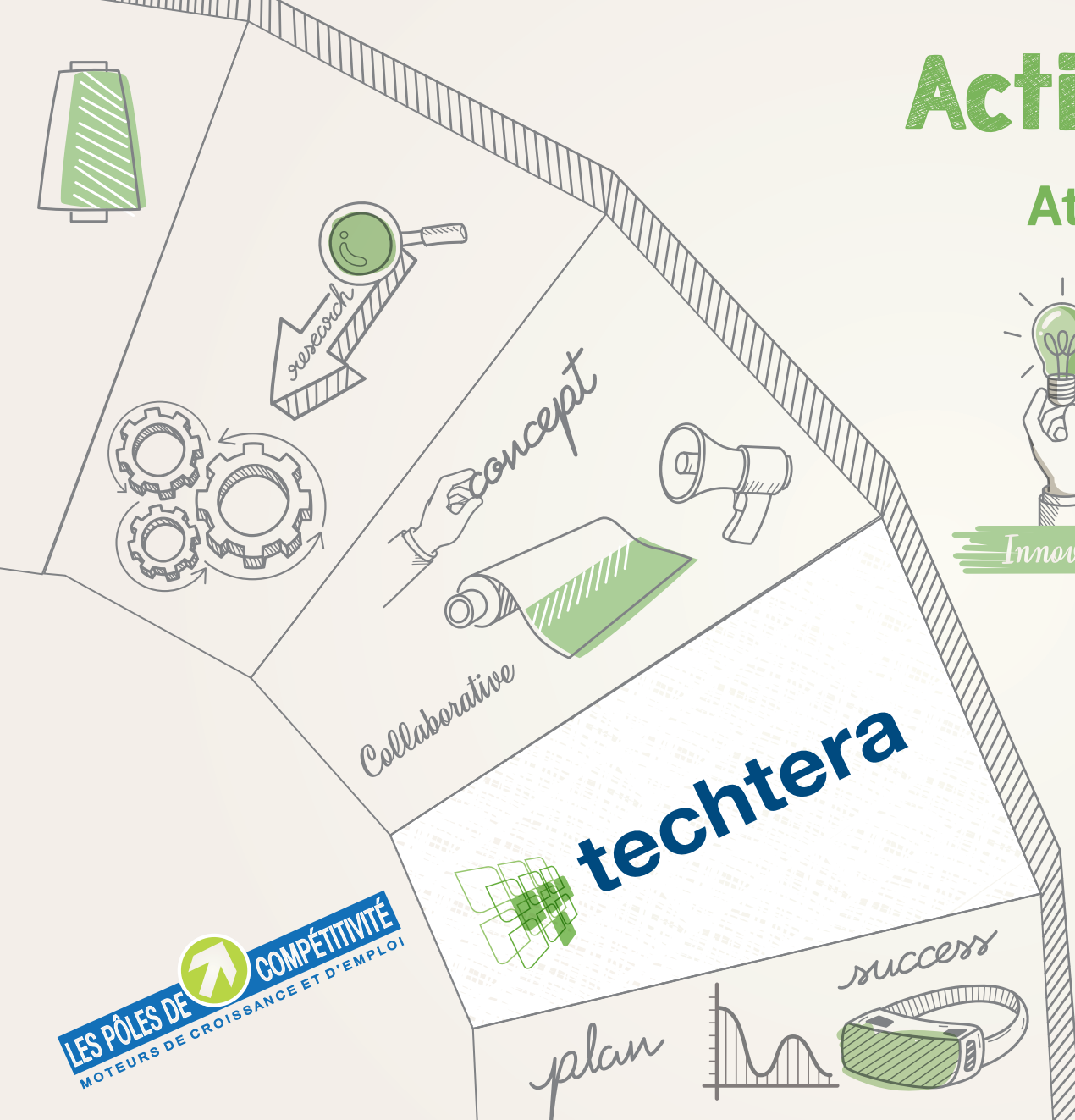


# Activity report 2019

At the heart of textile evolution



# A word from the president



Dear members,

## Year 2019 was pivotal for Techtera

Year 2019: the start of our new phase IV strategic roadmap, ending with our move to the Ecully site at the heart of textile transformation.

Year 2019: the affirmation of our cluster as a national reference dedicated to the textile sector in this country with the strengthening of geographical partnerships and “markets” in France and Europe through its interclustering activities and support missions.

Finally, increasingly motivated by innovation in technical textiles, fashion, luxury goods and decoration, we are experiencing the emergence of new ambitions and projects linked to our technological strategies.

## Figures of the year 2019

**33**  
International  
newsletters  
sent



**20 %**  
Newsletter  
Open rate



**12**  
Press  
releases



**187**  
Techtera press  
mentions



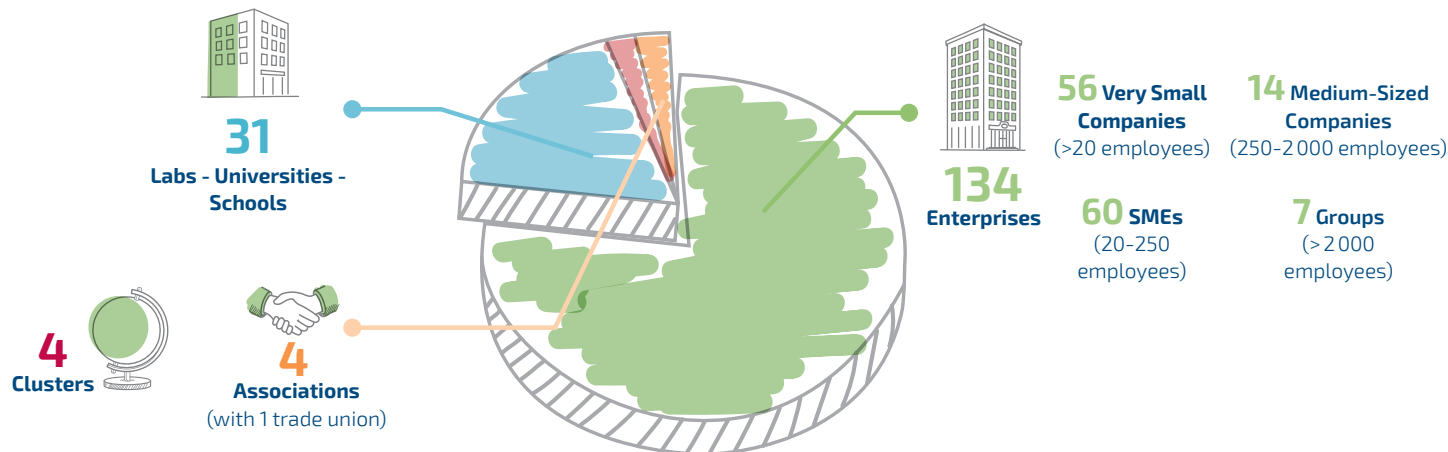
**1362**  
LinkedIn  
subscribers



**706**  
Twitter  
subscribers



## 178 members, on the whole textile value chain



What will 2020 be like?

Of course, Techtera is continuing this dynamic through its roadmap, relying on its relays within the textile ecosystems and markets.

Of course, the new premises and the industrial acceleration platform demonstrate our desire to fully play our role as facilitator of innovation, notably with the prototyping of tomorrow's products.

But 2020 should be even more a year of partnerships and unity in the face of the new challenges we are currently experiencing; so that we emerge even stronger.

Techtera, true to its philosophy, will be there to meet this challenge with you.

Louis Vovelle  
President

CERTIFICATION:

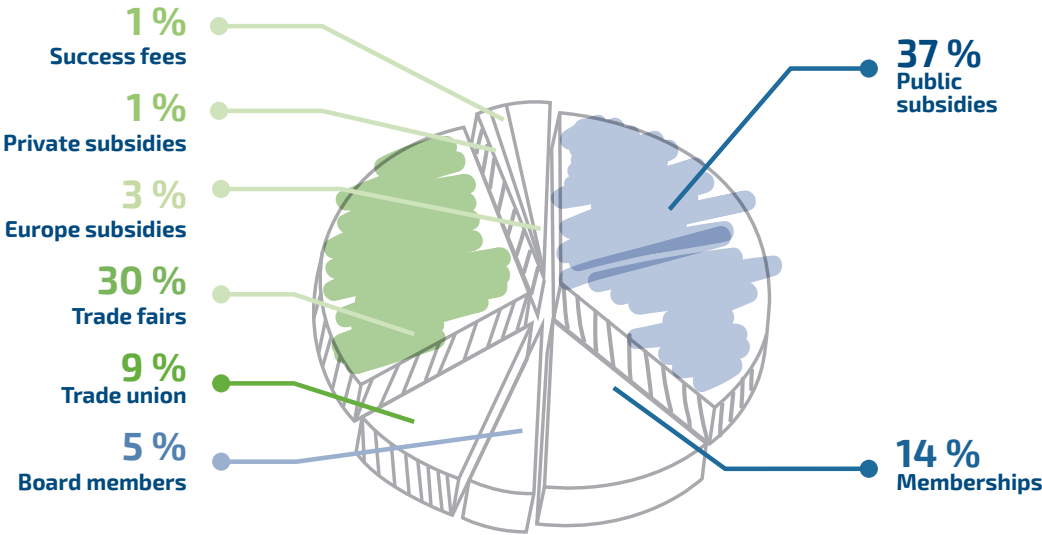


The ISO 9001 (2014),  
for TECHTERA's quality  
management system.

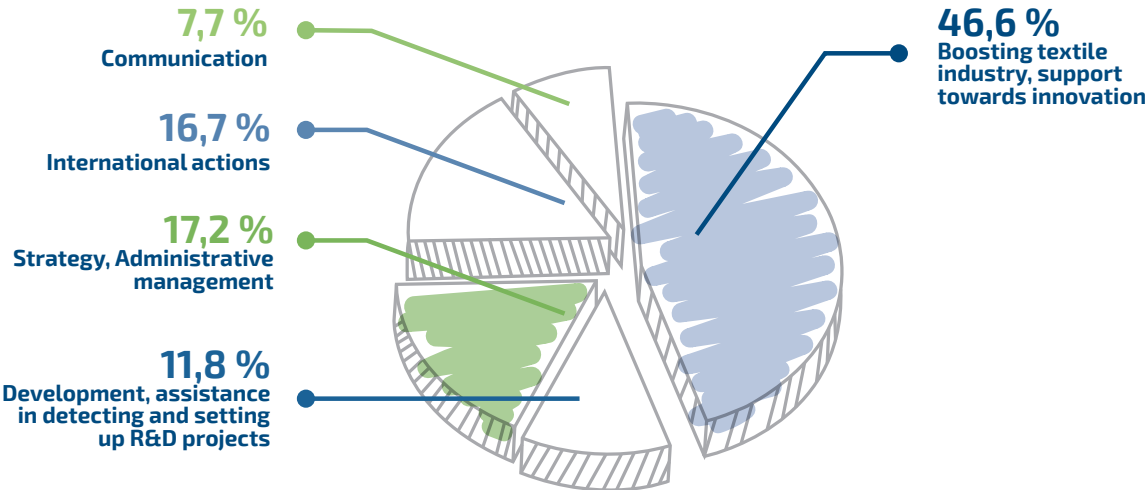


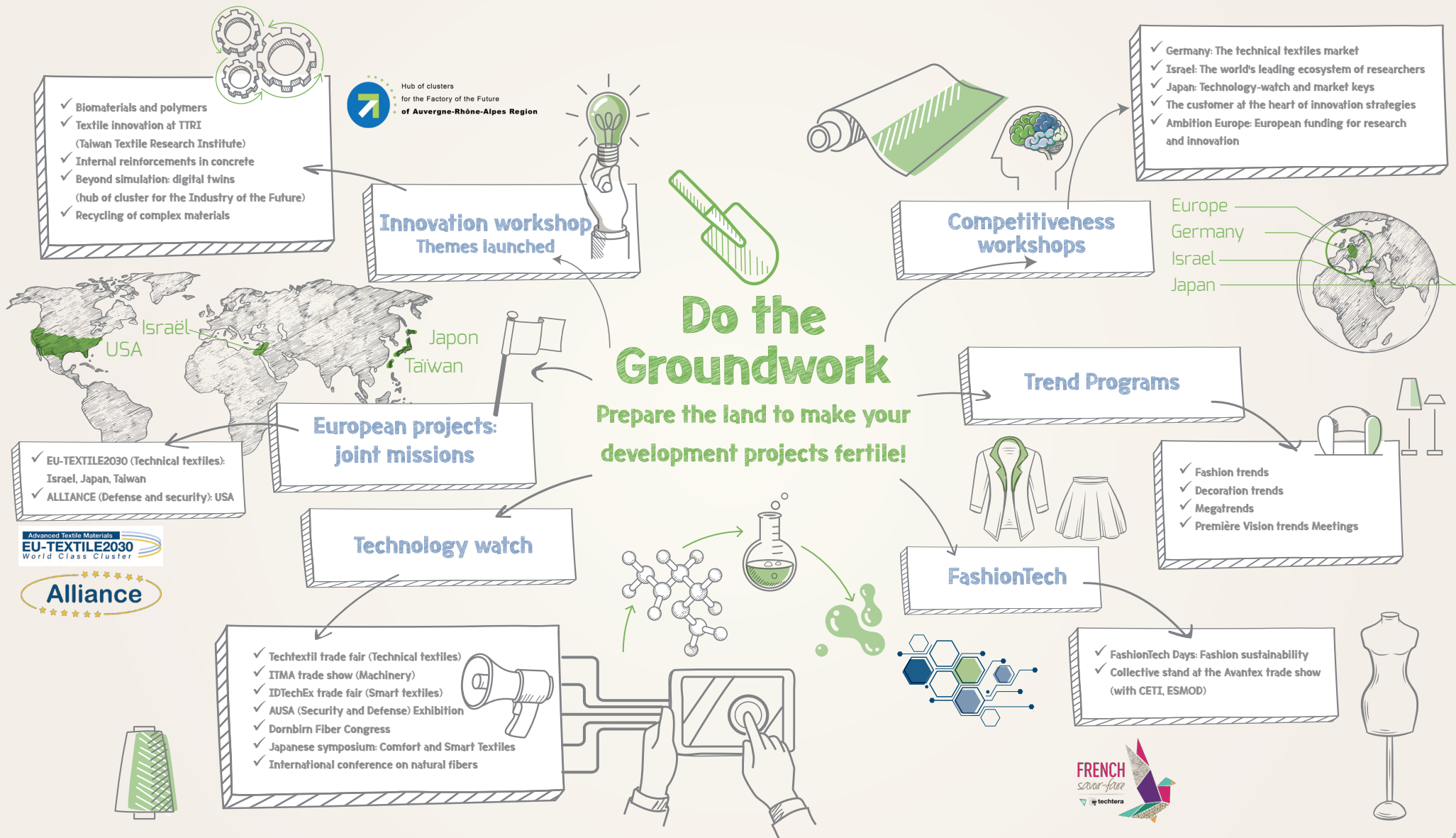
The European Cluster  
Management Excellence  
Label Gold for Techtera's  
highly sophisticated  
management and dedication  
to continuous improvement

Ressources



Actions





## Joint missions, seeds for future international partnerships

As part of the consortium of the European Advanced Textile Materials cluster EU-TEXTILE2030, Techtera led the organization of a joint mission to Israel in March 2019.

The mission brought **16 European manufacturers** and textile sector clusters to meet 14 of the most prestigious Israeli companies, laboratories and universities – and the most influential in the world. This paved the way for **future international partnerships** and the strengthening of Franco-Israeli ties in the sector. The mission gave rise to the signing of a Memorandum of Understanding for the development of partnerships.

## Let's plant our fashionable décor !

In 2019, 29 companies benefited from the **Trends Programme**, bringing together more than **164 participants in 6 workshops**.

The Trend Programmes aim to provide continuous and up-to-date monitoring of fashion and decoration aesthetic and creative trends through seasonal workshops: **"Environnement Maison® and Stratégie Mode"**. The firms also participate in 360° Workshops to learn about cross-cutting trends and thus develop a longer-term strategic vision.

## Technology watch, discover about the most recent technologies

Techtera attended the IdTechEx Show! conference in Berlin. This event, **dedicated to emerging technologies**, was the opportunity to discover the latest market developments, research and product development in sectors such as graphene, wearables and printed electronics. For the first time, the conferences addressed **the theme of E-Textiles**, testifying to the progress of the sector and its potential as a solution provider.

## Main figures

**4**  
**JOINT**  
**MISSIONS**



**7**  
**TECHNOLOGY-**  
**WATCH**  
results



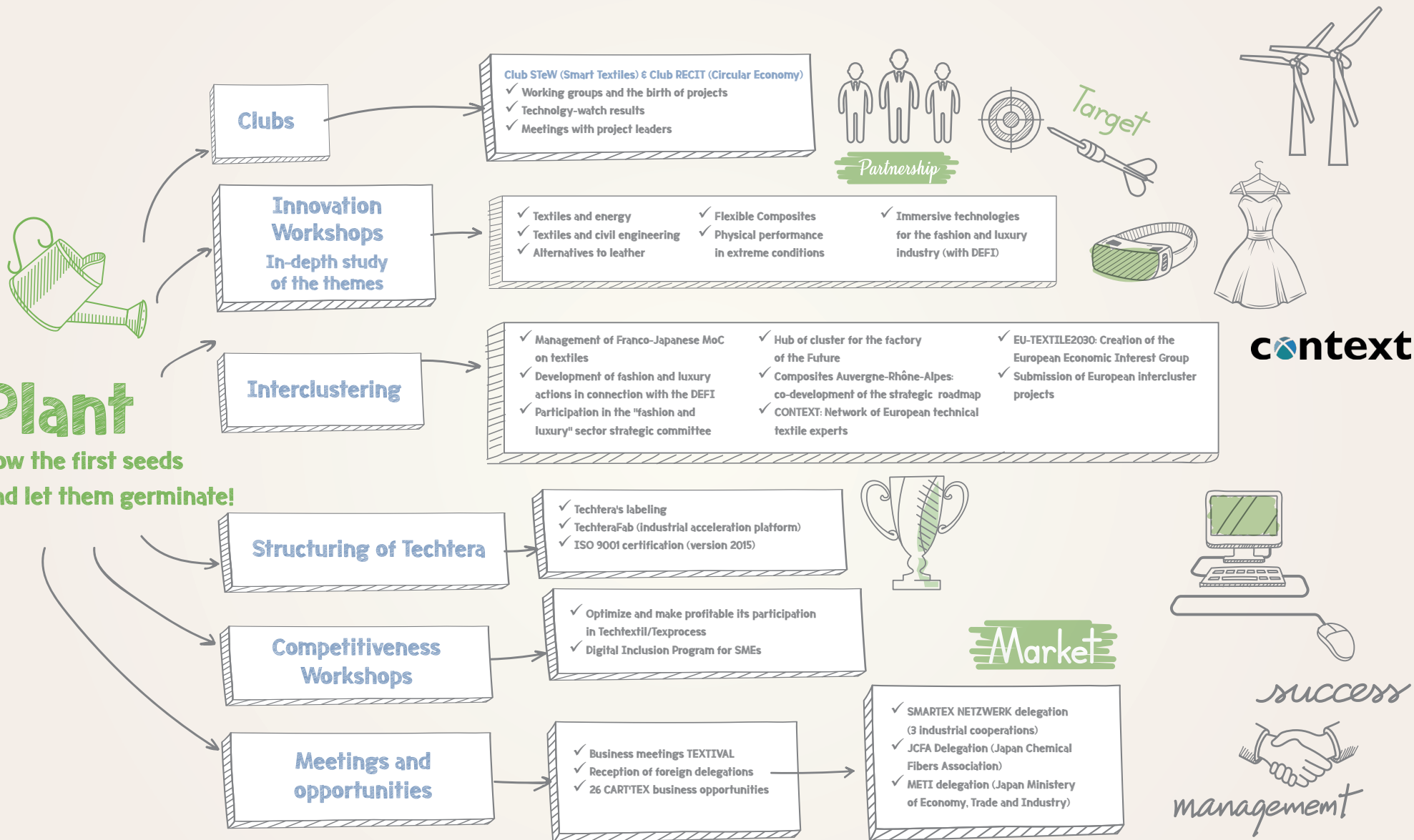
More than  
**> 500**  
**PARTICIPANTS**  
in "land clearing"  
actions





# Plant

Sow the first seeds  
and let them germinate!



## Techtera clubs, gardeners of innovation!

Two clubs offer to respond to the transversal challenges of the textile industry through two themes treated from idea to project:

- **Smart Textiles & Wearables** : Club STeW
- **Recycling and Circular Economy in the Textile Industry** : Club RECIT

The vocation of these clubs is to develop communal demonstrators and create robust economic models.

- A total of **50 members**
- **10 themes developed** in 2019



## Creation of a European Economic Interest Grouping, bud of an interclustering project!

Techtera, the innovation cluster, has co-founded a **European Economic Interest Grouping with six other European textile clusters.**

The organisation, named EU-TEXTILE2030, carries in its genes: **Innovation and the internationalisation of advanced textiles.** It aims to **promote exchanges between its members and facilitate the export of textile companies beyond the borders of Europe.**

EU-TEXTILE2030, represents more than 1,000 European textile companies dedicated to technical textiles – A great potential in the making!



## Main figures

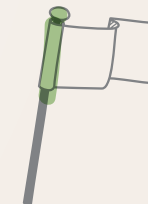
**8**  
interclustering  
**ACTIONS**

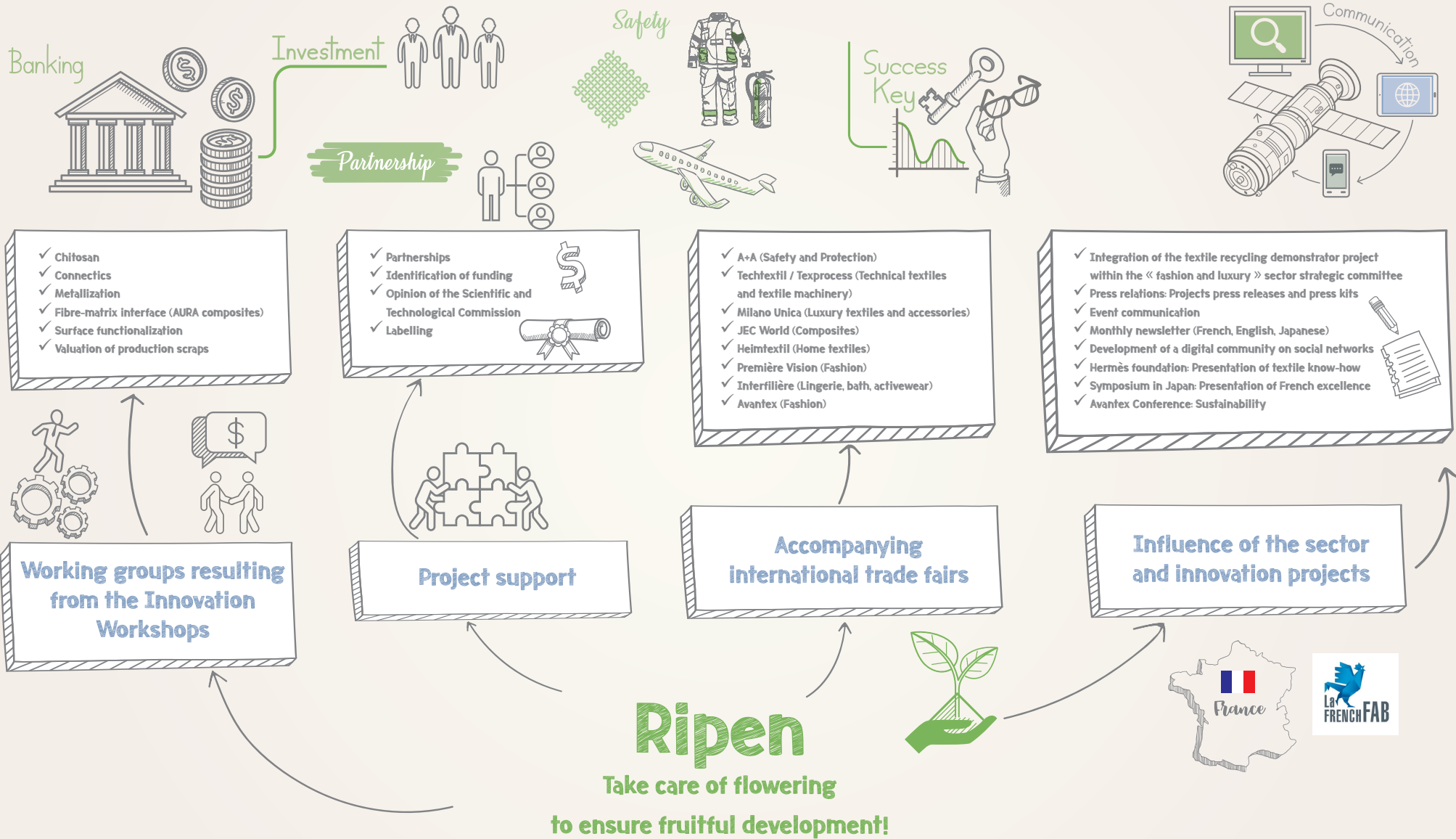


More than  
**> 800**  
**PARTICIPANTS**  
in the actions  
sown



**16**  
**EUROPEAN**  
**PROJECTS**  
submitted







**A project support method  
that is bearing fruit!**

Techtera supported the **Alsace textile cluster** in 2019 by duplicating its generation process and joint project setup at the local level in the “GRAND EST” region. A successful experience, since in a few months the initiative led to the **filing of a joint project including six local partners** (large groups, small/medium enterprises, startups and laboratories) with the national call for projects. An experience that will continue in 2020.

**Support at sector trade fairs,  
a commercial breeding ground!**

For the seventh consecutive edition, Techtera was present at **Techtextil / Texprocess** (Frankfurt) alongside **35 manufacturers from the sector**, in a space of 450 m<sup>2</sup>; thus, representing the largest French delegation at the show. **A real commercial springboard for manufacturers**, the show enabled them to establish around one hundred promising contacts. Apart from this, the show was also an opportunity for Techtera to **promote the French know-how of its members and the innovation potential of the sector**, by highlighting joint R&D projects.

**Main figures**

**15**  
**PROJECTS**  
labelled by  
Techtera



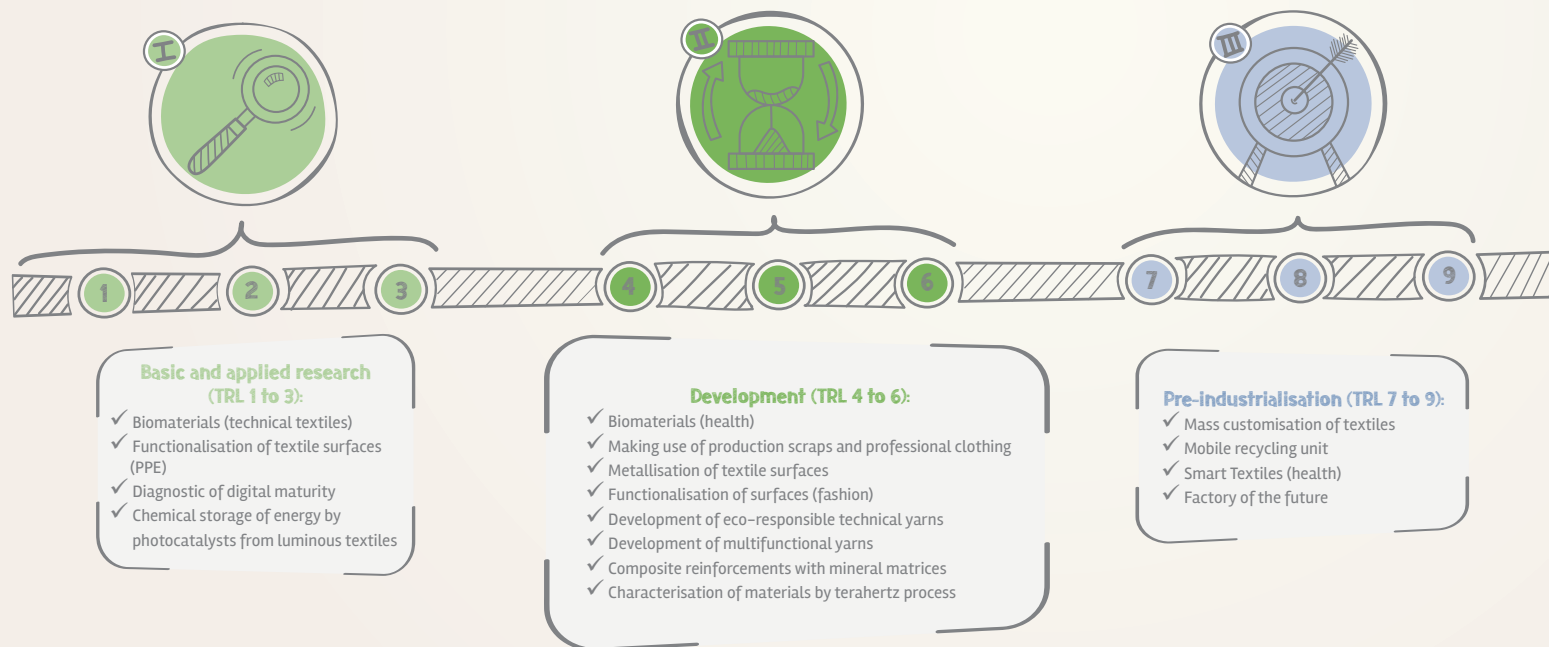
Since 2005,  
**215**  
**PROJECTS**  
have been  
financed



**556,5**  
**MILLIONS EUROS**  
projects have been  
financed since 2005



**Project themes approved and/or financed in 2019 according to their level of technological maturity:**



# Techtera new building

**We open up the field of possibilities: New premises, new projects!**

In 2019, the Techtera team was heavily involved in developing its new premises located in the heart of an Education and Research Zone near Lyon.

The building, organised as a totem place, will mark a new stage in the **textile innovation process**, creating a **bridge between ideas and manufacturing**, thereby meeting the **sector's demand for industrial agility**.

With **300 m<sup>2</sup> of technical hall**, called TechteraFab, and **300 m<sup>2</sup> of offices and co-working areas**; also, thanks to the presence of the many innovation bodies involved, this place, **conductive to interaction**, will welcome the promoters of textile innovation projects.

The TechteraFab, an **industrial accelerator platform**, will thus allow professionals from different backgrounds to practically validate their ideas and manufacture their prototypes and small series of products in team-work mode.

This project, unique in France in the service of innovation, has come to life thanks to the support of 'Banque des Territoires pour le Bâtiment', 'Unitex' and 'Métropole de Lyon'.



Collaborative

Idea

Creativity

Expertise

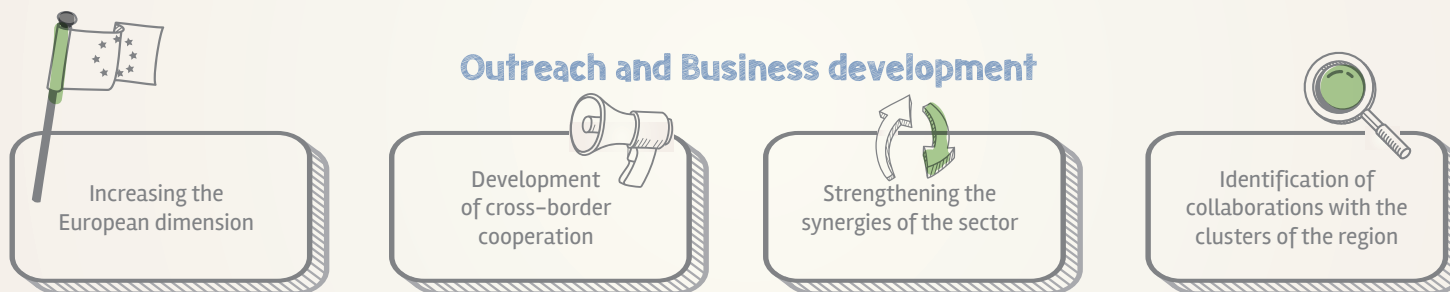


# 2020-2022 Techtera Roadmap

## Projects maker - 3 technological axes -



## TechteraFab : Industrial accelerator platform



## Expertise & solid organisation, the key words for a long-lasting innovative cluster



# Premium members 2019

ACTIVATION  
AD MAJORIS  
AFELIM - ASSOCIATION FRANÇAISE DE L'ELECTRONIQUE IMPRIMÉE  
AFITEXINOV  
AIN FIBRES  
AJ BIAIS  
ALLIANCE MACHINES TEXTILES  
ALPEX PROTECTION  
APV - ASSOCIATION PREMIERE VISION  
ARMINES - PARIS  
ART MARTIN  
ASTRA  
AXEL'ONE  
AZUR TEXTILES  
BABOLAT  
BALAS TEXTILE  
BALSAN  
BERTRAND LUN  
BLANCHARD  
BMI - SOFILA  
BOLDODUC  
BROCHIER TECHNOLOGIES  
CANOE - CENTRE TECHNOLOGIQUE NOUVELLE AQUITAINE COMPOSITES ET MATERIAUX AVANCES - ADERA  
CARLHIAN  
CEA IRAMIS NIMBE  
CERMAV - CNRS  
CETI - CENTRE EUROPEEN DES TEXTILES INNOVANTS  
CHOMARAT  
CLUSTER MONTAGNE  
CNRS - VILLEURBANNE  
CORDERIE MEYER-SANSBOEUF  
COUBLANC TEXTILES  
CTIPC - CENTRE TECHNIQUE INDUSTRIEL DE LA PLASTURGIE ET DES COMPOSITES  
CTMI - COTTON TEXTILES POUR MATERIAUX INNOVANTS  
CTP - CENTRE TECHNIQUE DU PAPIER  
CTTN - IREN - CENTRE TECHNIQUE DE LA TEINTURE ET NETTOYAGE

D2P BILLON  
DFD - DENSE FLUID DEGREASING  
DIATEX  
DICKSON  
DITF - DEUTSCHE INSTITUTE FÜR TEXTIL- UND FASERFORSCHUNG DENKENDORF  
DUTEL  
E&T SYMBIOSE  
ECOLE CENTRALE DE LYON  
EFFBE  
EFI LIGHTING  
ELKEM SILICONES FRANCE  
ENISE - ECOLE NATIONALE D'INGENIEURS DE SAINT- ETIENNE  
ENSAD - ECOLE NATIONALE SUPERIEURE DES ARTS DECORATIFS  
ENSAIT - ECOLE NATIONALE SUPERIEURE DES ARTS ET INDUSTRIES TEXTILES  
ENTPE - LGCB - LABORATOIRE GÉNIE CIVIL BÂTIMENT  
ER2I INGENIERIE  
EUROPROTECT FRANCE  
EUROSANDOW  
EUVEKA  
FIBROLINE  
FOGALE NANOTECH  
FONTANILLE  
FRICH'MARKET  
GARNIER-THIEBAUT  
GENIUS OBJECTS  
HTH - HOLDING TEXTILE HERMES  
IFM - INSTITUT FRANCAIS DE LA MODE  
IFTH - INSTITUT FRANÇAIS DU TEXTILE ET DE L'HABILLEMENT  
IMP - INGENIERIE DES MATERIAUX POLY-MERES CNRS  
INNOTHERA  
INSA LYON  
INSTITUT CARNOT INGENIERIE@LYON  
INSTITUT CARNOT MICA  
IREIS - INSTITUT DE RECHERCHES EN INGENIERIE DES SURFACES  
ITA - INSTITUT FÜR TEXTILTECHNIK DER RWTH AACHEN

ITECH  
ITODYS - LABORATOIRE - UMR CNRS - UNIVERSITE PARIS DIDEROT  
JET METAL  
JRC REFLEX  
JULIEN FAURE  
KAMITIS  
KUFU  
KURARAY  
LA BRICOLERIE  
LA FABRIQUE  
LES TISSAGES DE CHARLIEU - LTC  
LIBM - LABORATOIRE INTERUNIVERSITAIRE DE BIOLOGIE DE LA MOTRICITE  
LIP - LYON INGENIERIE PROJETS  
LPMT - LABORATOIRE DE PHYSIQUE ET MECANIQUE TEXTILES  
MANUFACTURES DE MODE  
MAPA PROFESSIONNEL - SPONTEX  
MAPEA  
MARDUEL  
MASSEBEUF  
MDB TEXINOV  
MECANIUM  
MEDTRONIC SOFRADIM PRODUCTION  
MICHELIN  
MILLET MOUNTAIN GROUP  
MONNET  
MONTDOR  
MOULINAGE DU SOLIER  
MTR - MOULINAGES ET TEXTURATION REUNIS  
NDS ELECTRONICS  
NOVENDESIGN  
ORION  
O.E.A. - OURDISSAGE ENCOLLAGE D'AMPLEPUIS  
PLASSARD  
POCKUS CONSEIL  
POLE INNOVATIONS CONSTRUCTIVES  
PORCHER INDUSTRIES  
PROVERBIO  
RECORBET

ROMANI VALERIE  
ROVITEX  
R-STAT  
SABLE CHAUD  
SALOMON  
SASYTEX  
SATAB  
SCF - SOCIETE CHOLETAISE DE FABRICATION  
SCHAPPE TECHNIQUES  
SCIENCE ET SURFACE  
SERGE FERRARI  
SFATE & COMBIER  
SFLY - CONGRAF  
SIGVARIS  
SIMP ORTHO SOLUTIONS  
SIZEASE  
SMB BORD COTE  
SME - SOFT MATERIALS ENGINEERING  
SOFILETA  
SOLVAY  
STEVTISS  
SULITEC  
SUPPLEO  
TAD - TEINTURES ET APPRETS DANJOUX  
TDV INDUSTRIES  
TECHNI SANGLES  
TENTHOREY  
TESCA FRANCE LE CHEYLARD  
TEXTI SONICS  
TEXT'IN - LYCEE DIDEROT  
THUASNE  
TLC SYNERGIES  
TOPTX CUBE  
UNITEX  
UNIVERSITE CLAUDE BERNARD LYON 1  
UP-TEX  
VERNE & CLET



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