CONCEIVE
PROTOYPE
INDUSTRIALIZE
TEXTILE
MATERIALS & PRODUCTS
Textiles are an “empathetic” ground for innovation since they are spontaneously associated with a strong, reassuring imagery. By their nature, they facilitate the appropriation and integration of high-level technologies on an everyday basis. From their use in intimate contexts to the role they play in public spaces, textiles are present everywhere.

Today the CETI’s engineering strengths in the research and development of advanced textiles legitimize its European leadership and position it as one of the Top 5 technical centers worldwide.

This textile intelligence also helps companies find answers to current challenges in society as well as addressing the many needs of individuals.

It is worth noting that the revolution brought about by the advent of digital and smart technologies is making a strong impact on the future of the textile industry. Thus the CETI adds a digital dimension to materials and products while helping explore this area in terms of client experience.

In the same way, the optimization of the environmental footprint of textiles that integrates eco-conception and their ability to participate in a circular economy is at the heart of the CETI’s current developments.

For all these axes of progress, prototyping is the DNA of our organization while our associated Material, Digital and Sustainable Development platforms help prove the pertinence of each concept by actually putting it in work.

These advances, that hybrid innovation and added value for society, help energize local economies and develop close-proximity production with small and mid-sized (PME) French companies while giving projects an international scope and promoting “French Tex”.

Our answer to society’s challenges:

- Environmental Footprints
- Digital Transformations
- Smart Technologies
**KEY FIGURES 2018**

**AN INCOME MODEL FOCUSED ON PRIVATE ACTIVITY**

- Invoiced orders from individual companies: €1,224k
- Consortia of companies: €1,226k
- €928k
- €638k
- €182k

**R&D TURNOVER BREAKDOWN**

**BY ACTIVITY**

- Textile material: €90k
- Sustainable development: €166k
- Digital transformation: €395k

**BY EXPERTISE**

- Engineering: €1,677k
- Prototyping: €730k
- Transfert of good practice: €111k

**GÉOPHAGICAL**

- France: 31%
- Europe: 85%
- USA: 10%
- ISRAEL: 5%
- ReST OF EUROPE: 27%
- REST OF FRANCE: 27%
- 42% INTERNATIONAL
- 58% FRANCE

**80 CLIENTS IN 2018**

**BY MARKET**

- Architecture: 13%
- Building: 13%
- Agriculture: 5%
- Transport: 5%
- Building: 13%
- Others industries: 24%
- Health & Hygiene: 7%
- Luxury, Fashion & Sport: 37%

**BY SIZE OF COMPANY**

- Very small company: 1%
- Medium-sized company: 11%
- Major accounts & International sized company: 88%
A TEAM THAT OPERATES AT THE CORE OF INNOVATION

The CETI coordinates the profiles of various experts to unfurl a rich palette of textile trades. This multi-talented, multi-cultural team encourages meetings between experts.

In 2019, the CETI has expanded its business development staff to reinforce its presence internationally and regionally.

“For each client need, we custom-make both the value chain and the network of associated expertise.”

1 OPEN-MINDED, MULTI-REGIONAL SCIENTIFIC COMMITTEE

4 axes and research themes supported by the committee

THE DEVELOPMENT OF APPLICATIONS USING TEXTILES WITH BIOSOURCED POLYMER BASES

INTELLIGENT TEXTILES REQUIRE A TRANSVERSAL APPROACH

3D PRINTING

COMPOSITE TEXTILE MATERIALS
INTERNATIONAL VISIBILITY

ACCOMPANIES THE STRATEGIC EVOLUTIONS OF COMPANIES.

A REINFORCED POSITION: THE CETI IS A EUROPEAN LEADER OF INNOVATIVE TEXTILES.

INDUSTRY INNOVATION, BOTH “UPSTREAM” AND “DOWNSTREAM”, AS PART OF A WORLDWIDE ECONOMY.

MEMBER OF AN INTERNATIONAL NETWORK
- International Textile Manufacturers Federation (ITMF).
- European apparel and Textile confederation (EURATEX).
- European Technology Platforms (ETP).
- Union of Textile Industries (UIT).
- EDANA International association for nonwovens and related industries.

PRESENT AT TRADE FAIRS/PROFESSIONAL TEXTILE SYMPOSIUMS
- Fashion
  - TEXWORLD “AVANTEX”
  - TRAFFIC
  - MADE IN FRANCE
- Technical Textiles
  - TECHTEXTIL
  - EXPOPROTECTION
- Nonwovens
  - IDEA19
  - INDEX2020
  - OUTLOOK

ORGANIZER OF WORKSHOPS
- Fashion takes on its responsibilities.
- 3D nonwovens and the future of nonwovens.
- Approach your profession as a designer in the 4.0 fashion.
- Smartwear, the French trend.

PARTNER OF TECHNOLOGICAL LEADERS
- ANDRITZ
- HILLS INC
- LECTRA
- PERCALL
- TDV INDUSTRIES

PARTNER OF SCHOOLS
- ESITH
- LA FABRIQUE
- ENSAIT
- ISEM

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CONCEIVING INNOVATION

Through a methodology based on the principles of “design thinking”, our experts help encourage each client to do collaborative work using a creative, active approach. Learning how to confront an idea with market realities and being able to structure it will help identify levers for success and optimize the human resources needed to realize a project.

INNOVATIVE DESIGN USING 6 PROOFS FOR VALUE

“INTEGRATE USES AND THE PROSPECTIVE OBSERVATION OF MARKETS.”

A COLLABORATIVE, ONLINE PLATFORM PERSONALIZED BY THE CETI WITH OUR PARTNER VIANEZ

- Analysis of a product's technical feasibility, desirability, financial & humane viability, acceptability, legitimacy, all synthetized to a business canvas.

PROTOTYPING INNOVATION FOR DNA

Thanks to its semi-industrial pilot lines, the CETI guarantees the feasibility of an idea through prototyping which helps accelerate its transfer to industrial viability.

DEVELOPING TALENTS

ENHANCING THE PERFORMANCE OF NONWOVENS

INTRODUCTION TO NONWOVENS - WEBINAR
NONWOVENS INTERMEDIATE COURSE
CARDING ADVANCED COURSE
SPUNBOND ADVANCED COURSE
MELTBLOWN ADVANCED COURSE

ADAPTING TO 4.0 TEXTILE INDUSTRY TRANSFORMATION

CONJUGATE CO-CREATION AND PERSONALIZATION TO THE HEART OF THE BRAND STRATEGY

CO-CREATION AND ACCELERATION OF PRODUCT DEVELOPMENT INTEGRATING THE CONCEPT AND COLLABORATIVE DESIGN

IMPACT OF MASS CUSTOMIZATION ON THE SHORT CIRCUIT

BECOMING A RESPONSIBLE AND COMMITTED BRAND

ARIES OF A RESPONSIBLE COMMITMENT
ECO-DESIGN OF PRODUCTS
CIRCULAR ECONOMY
ECONOMY OF FUNCTIONALITY
TRACEABILITY
FUNDAMENTAL VALUES

AMBITION

PROXIMITY

EXCELLENCE

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