

**.....From a traditional model of textile
SME in Europe to.....**



**.....a new model of innovative SME for
the new industry**

What's



.....From a traditional model of textile SME in Europe to.....



WHO ARE WE?



FOMENTEX is the Textile FUNDATION. It was funded in 2010.

- 450 SMEs
- 13.000 direct jobs
- Common interests of the textile companies
- Advanced Textiles, Home Textiles and Textile Clothing

We also have 1 research institute, 1 Chamber of commerce and the regional innovation agency.

ATEVAL is the Bussines textile association and currently the owner of the Foundation.

WHO ARE WE?



In ATEVAL,....What are we mainly doing since 1979?.....

- Training Plans
- Cooperation agreements
- Environmental Management
- Insurance´s
- Financial Advice
- Information Bulletins

..... However, 4 YEARS AGO.....

.....New strategy for the SME´s

Research and Innovation

internationalization

Cooperation

Cross-sector actions

New main pillars.....



Competitividad
& Innovación

Cross-sector actions

AVANZATEX

Cooperation

ATEVAL

Competitividad



FOMENTEX

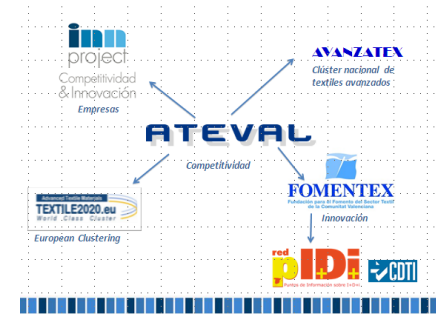
Fundación para el Fomento del Sector Textil
de la Comunitat Valenciana

*Research and
Innovación*

Advanced Textile Materials
TEXTILE2020.eu
World Class Cluster

Internationalization





FOMENTEX- Foundation for the promotion of the textile industry. This foundation depends from ATEVAL.

Promotion and support of SMEs towards to a more competitive business model based on advanced textiles and Smart Textiles.

Our targets:

- Develop the agenda of the Spanish textile innovation 2020.
- Take part in the European textile technology platform.
- Participation in international development processes, **impulse** and change adaptation in the textile sector.



Then.....

.....We realized that the textiles SME´ s had the same problems and challenges that other kind of SME´ s in others sort of industry-sectors.....

Main questions

What is innovation?

How can we innovate?

Who can help us ?

Same problems

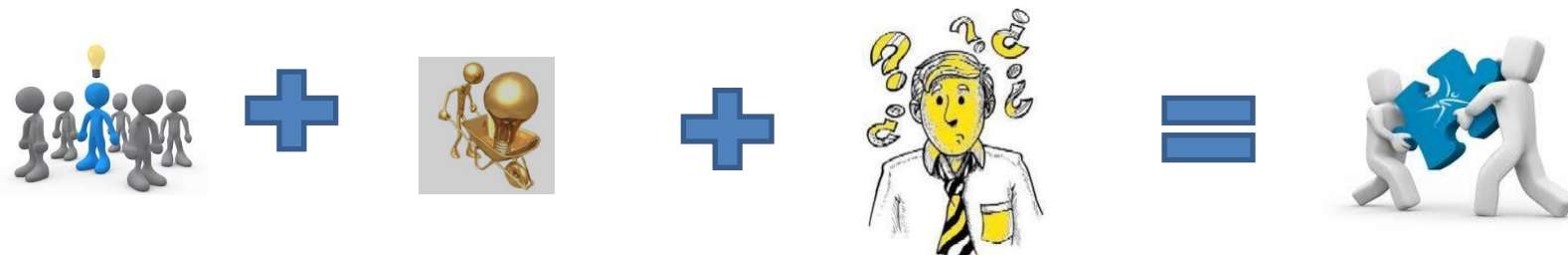
Lack of resources

Small size to do innovation for themselves

No skills

How do we do it?

- **IdeaTex** is a tool for the detection of business opportunities between companies from different fields thanks to a specific process of creativity and innovation..



- **Selection of ideas.**- Based in internal processes and tools.
- **Analysis of opportunities.**- Continually exploring new innovative chances for the SME´'s.
- **Diagnostics in companies.**- Working very close to the owners.
- **Improve competitiveness.**- Helping them to cooperate with other companies.



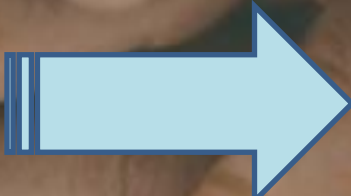
MAIN INDICATORS FROM LAST 3 YEARS

MAIN INDICATORS OF THE LAST 3 YEARS





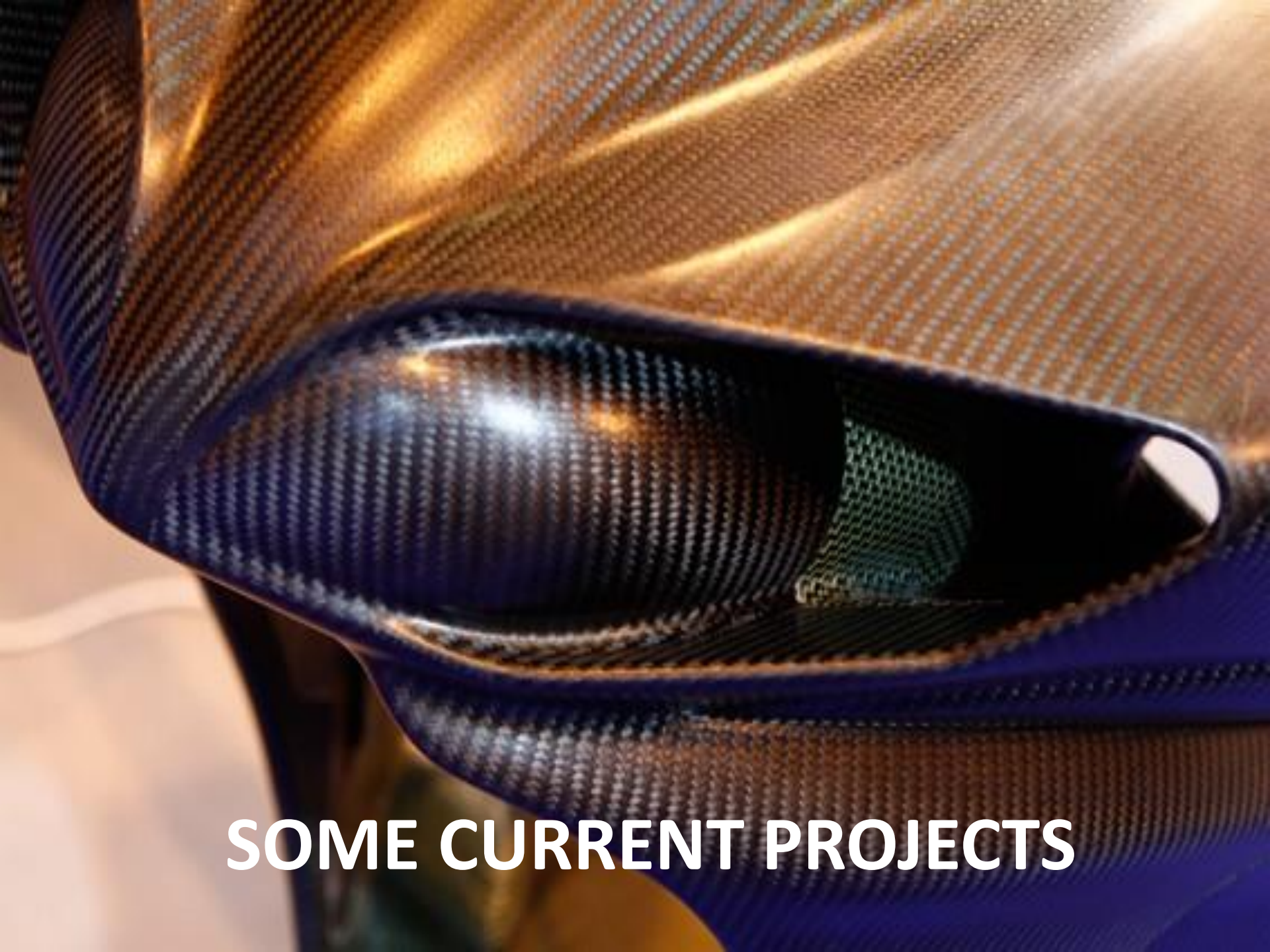
**Cooperation for
Competitiveness**



Networking

WHAT DO WE DO?

Provide concrete **solutions** to the problems of our SMEs, generating **dynamic responses** that allow to **boost** the impulse of the **SMEs**.



SOME CURRENT PROJECTS

Projects



Project name	Better Upscaling and Optimization of Nanoparticle and Nanostructure Production by Means of Electrical Discharges/ Buonapart-e
Project Concept	BUONAPART-E project aims to demonstrate that a process of synthesis of nano particle physics can be economically expanded to produce 100 kg / day production rate. The process is simple, versatile and reliable. Prevents chemical precursors and solvents, while completely recycled inert gas support necessary, resulting in a minimal impact on the environment. The process requires no external heating of the inert gas (low energy).
Programme	'Nanosciences, Nanotechnologies, Materials and new Production Technologies (NMP)' research theme of the 7th Framework programme /FP7-NMP-2011-LARGE-5
Entity's role in the Project	Partner
Project consortium	<p>UNIVERSITAET DUISBURG-ESSEN (Germany): http://www.uni-due.de LUNDS UNIVERSITET (Sweden): http://www.lunduniversity.lu.se/ TECHNISCHE UNIVERSITEIT DELFT (Netherlands): http://home.tudelft.nl/en/ TTY-SAATIO (Finland): http://www.tut.fi/en/ Karlsruher Institut fuer Technologie (Germany): http://www.kit.edu/english/index.php SZEGEDI TUDOMANYEGYETEM (Hungary): http://www.u-szeged.hu/english/ ABO AKADEMI (Finland): http://www.abo.fi/public/en CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (France): http://www.cnrs.fr/index.php TECHNISCHE UNIVERSITEIT EINDHOVEN (Netherlands): http://www.tue.nl/en/ DAS PHOTONICS SL (Spain): http://www.dasphotonics.com/</p> <p>INSTITUT FUR ENERGIE UND UMWELTTECHNIK EV - IUTA (Germany): http://www.iuta.de/ THYSSENKRUPP STEEL EUROPE AG (Germany): http://www.thyssenkrupp-steel-europe.com/en/ AVANZARE INNOVACION TECNOLOGICA SL (Spain): http://www.avanzare.es/ METAL NANOPOWDERS LIMITED (United Kingdom) SOL VOLTAICS AB (Sweden): http://www.solvoltaics.com/Company/ FOMENTEX (Spain): http://fomentex.es/ Ramem S.A. (Spain): www.ramem.com PALAS GMBH PARTIKEL- UND LASERMASSTECHNIK (Germany): http://www.palas.de/en/ STIFTELSEN SINTEF (Norway): http://www.sintef.no/home/ UNIVERSIDAD POLITECNICA DE VALENCIA (Spain): http://www.upv.es/index-en.html</p>
Financing obtained	7.799.929 €
Project website	www.buonapart-e.eu

Projects



Project name **Unobtrusive wearable human to machine wireless interface –WEAR A BAN**

Project Concept Wear-a-BAN will enable to collect multiple real-time motional and emotional sensors information, and transmit it in wireless fashion towards dedicated devices, machines, computers or the internet placing them in nodes at different places of the human body, all being connected in a wireless BAN structure.

Programme /Call FP7 Capacities/ Research for SME Associations

Entity's role in the Project Partner

Project consortium

- RTD Talos Ltd. (Cyprus) <http://www.talos-rtd.com/>
- Robotics Society (Finland) <http://www.robayhd.fi/>
- Cap Digital (France) <http://www.capdigital.com/>
- ATEVAL (Spain) <http://www.ateval.com>
- RAPIFE (Spain) <http://www.ramonespi.com/>
- Movea (France) <http://www.movea-tech.com/>
- Deltatron Ltd (Finland)
http://www.deltatron.fi/index_en.html
- SignalGeneriX Ltd (Cyprus) <http://www.signalgenerix.com/>
- VOXLER (France) <http://www.voxler.fr/>
- AITEX (Spain) <http://aitex.es/es/>
- Centre Suisse d'Electronique SA (Switzerland) <http://www.csem.ch/site/>
- Technische Universität Berlin (Germany) <http://www.tu-berlin.de/>
- VTT Technical (Finland) <http://www.vtt.fi/>
- Commissariat à l'Energie Atomique (France) <http://www.cea.fr/>

Financing obtained 2.690.920,24 €

Project website <http://www.wearaban.eu/>

Projects



Project name People Localization for save ship evacuation during emergency - LYNCEUS

Project Concept The project aims to investigate and demonstrate that a low-power wireless device may permit inconspicuous location and tracking of persons on board ships and for search and rescue work and for the safe evacuation of vessels during the emergency.

Programme 7FP- Capabilities / Research for SME associations THEME [SME-2011-2]

Entity's role in the Project Partner

Project consortium

Foro Marítimo Vasco [http:// www.foromaritimovasco.com](http://www.foromaritimovasco.com)

ATEVAL (Spain) <http://www.ateval.com>

RTD TALOS LIMITED (Cyprus) <http://www.talos-rtd.com/>

European Marine Equipment Council/Conseil Europeen de l'equipment naval (Belgium)

SAFE MARINE SRL (Italy) <http://www.safemarine.com/>

G.G. DEDALOS TECHNOLOGY SERVICES LTD (Cyprus)

PANARETOU - CHAR. KOSTOPOULOS OE (Greece)

CANEPA & CAMPI SRL (Italy) <http://www.canepaecampi.com/>

SIGNALGENERIX LTD (Cyprus) <http://www.signalgenerix.com/>

CSEM CENTRE SUISSE D'ELECTRONIQUE ET DE MICROTECHNIQUE (Switzerland)

<http://www.csem.ch/site/>

TECHNISCHE UNIVERSITAET DRESDEN (Germany) <http://tu-dresden.de/>

MARITIME INSTITUTE OF EASTERN MEDITERRANEAN (Cyprus)

<http://www.marinem.org/>

LLOYD'S REGISTER EMEA (United Kingdom) <http://www.lr.org/default.aspx>

LOUIS SHIP MANAGEMENT LIMITED (Cyprus) <http://www.louis cruises.com/>

Financing obtained 2,536,114.90 €

Project website <http://www.lynceus-project.eu/>

Projects

SEAMATTER



Project name Revalorization of coastal algae wastes in textile nonwoven industry with applications in building noise isolation --- SEAMATTER

Project Concept This project aims to solve the *Legionella pneumophila* bacteria problem in the textile sector developing a legislation proposal after validating and demonstrating a new eradication technique for the bacteria by attacking the root of the problem; stopping the bacteria from reaching at-risk facilities.

Programme / Call LIFE / LIFE011 ENV

Entity's role in the Project Partner

Project consortium

- Asociación de Investigación de la Industria Textil (AITEX) <http://www.aitex.es>
- Ayuntamiento de Benidorm www.benidorm.org
- Fundación de la Comunitat valenciana : Instituto de Ecología Litoral www.ecologiaitoral.com
- Asociación de Empresarios textiles de la Comunidad Valenciana. (ATEVAL) (Spain) <http://www.ateval.com>
- Università degli Studi di Perugia Dipartimento di Ingegneria Civile ed Ambientale : <http://www.dica.unipg.it/DICA/index.html>

Financing obtained 738.918 €

Project website <http://seamatter.aitex.es/>

Projects



Project name **Demonstrative Solutions To Reduce Noise Pollution In Industrial Areas, Using Finishing Technologies In Textile Materials - NOISEFREETEX**

Project Concept This project aims to validate the solutions demonstration to reduce noise pollution, especially in industrial areas that are near urban areas. Technologies will be applied finishing on textile materials. These solutions in textile materials are used as constructive elements in industrial walls, floors, ceilings and acoustic barrier on the road, in order to minimize the impact of environmental noise.

Programme /Call **LIFE09 ENV/ES/000461**

Entity's role in the Project Partner

Project consortium

- Aitex (Spain) <http://www.aitex.com>
- ATEVAL (Spain): <http://www.ateval.com>
- PIEL, S.A. (Spain): <http://www.pielsa.es/>
- Universidad Politécnica de Valencia (UPV) (Spain) <http://www.upv.es/>
- Next Technology Tecnotessile S.r.l. (Italy) <http://www.tecnotex.it/>

Financing obtained 478.501 €

Project website <http://noisefreetex.aitex.net>

Projects



Project name	Strengthening of innovative measures for energy efficiency in SME´s of Mediterranean textile sector / eSMEtex
Project Concept	Create a sustainable World-class ATM cluster in Europe in order to coordinate efforts of the European ATM value chain and to define a common strategy as a key element for the acceleration of technological progress and market access to third countries.
Programme / Call	Regions of knowledge
Entity's role in the Project	Partner
Project consortium	Agrupació d' Empreses Innovadores Tèxtils (Spain) http://www.textils.cat Fomentex (Spain) www.fomentex.com NFID – Nord France Innovation Development http://www.jinnove.com UP-Tex (Francia) www.up-tex.fr Clutex (República Checa), INNtex (Germany) http://www.inntex.de/ NWTexnet (UK) www.nwtexnet.co.uk Po.In.Tex (It), http://www.pointex.eu/ Techtera (Fr) http://www.techtera.co.uk/
Financing obtained	
Project website	www.textile2020.eu

Projects



Project name Plan to support the textile sector of Valencia - INSERTATEX

Project Concept **InsertaTex** is a direct action plan aimed to relocate textile workers in the Vall d'Albaida, l'Alcoià and dismissed Comtat between April 13 2009 and January 12, 2010 as a result of the changes caused by globalization of markets and the economic crisis.

Programme / Call European Globalisation Adjustment Fund (EGF)

Entity's role in the Project Leader

Financing obtained 3 168 409.€

Project website <http://www.insertatex.com>

Weaving the Future



Competitiveness and Innovation-Projects

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