

EAAC webinar on Advanced Textiles



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Secretary EU-TEXTILE2030

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Our aim:

Bringing together all Catalan companies and organizations related to the advanced textile materials' sector to promote innovation and increase their competitiveness.



The cluster structure:



Technical textiles or advanced textile materials can be defined as *all textile products that cannot be fitted within the traditional sectors of clothing or furnishing, or better yet: all textile products in which functionality is as much or more important than aesthetics.*



Main facts:

- ✓ Created in 2008.
- ✓ The sector in Catalonia is formed by around 120 manufacturing companies.
- ✓ In 2019 the cluster had a significant growth: new members, new strategic projects and increase of the staff.
- ✓ Multidisciplinary team formed by 6 people to cover the members needs.
- ✓ Strong involvement in international networks and cooperation with clusters in other sectors.

The cluster strategy:



2020 KPIs:

5,3 M€ mobilized

300k€ of funding for SMEs

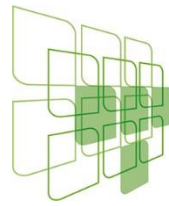
Close collaboration with 12 EU clusters

Collaboration with 38 countries

10 papers presented at international events

10 events organized







techtera

546 M€
R&D budget

210
financed
projects

 **22** in the process
of emergence

 **6** ready to hatch

 **11** labelled

 **9** financed

 **4** launched

197

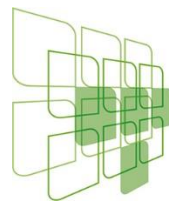
members on
the whole value chain

90

companies supported
on 20 trade shows
and missions abroad

43

business opportunities
thanks to our CART'TEX
database



techtera

FACTORY OF THE FUTURE AND NEW BUSINESS MODELS

Digitalisation

Automatisation

Mass-customisation

Small-series production

ADVANCED AND HIGH-PERFORMANCE MATERIALS

Smart textiles

Textiles & Composites

Additive Manufacturing

Functionalisation

CIRCULAR ECONOMY AND RESOURCE EFFICIENCY

Biobased materials

Recycling

Eco-friendly processes

Micro-particles release detection

territories
resilience
green
employment
innovation
competitiveness
sustainability
transition
smart
social
investments
mastery
skills
cohesion



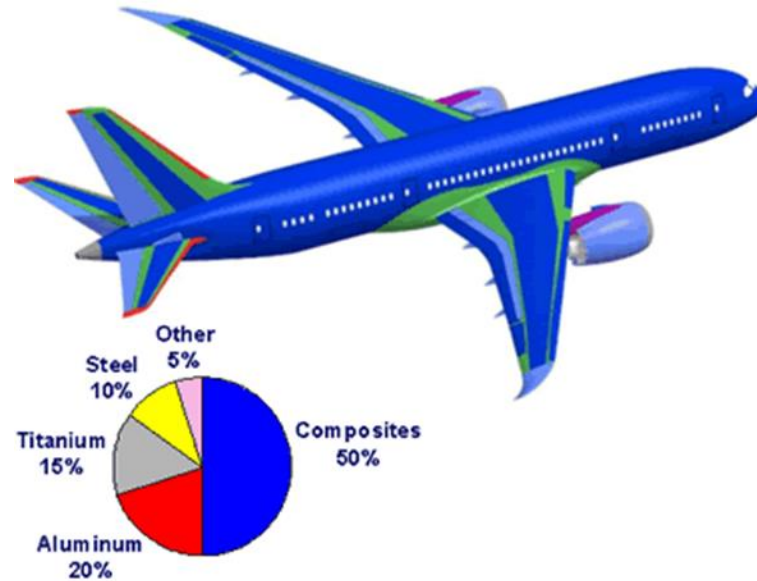
ADVANCED TEXTILE MATERIALS ARE NOT ONLY DEDICATED TO FIGHT PANDEMICS...



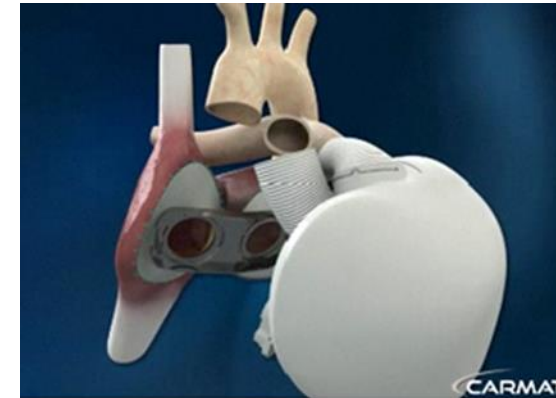
In 2018, the production of advanced textile materials represented 28% of the total textile production in Europe.



ADVANCED TEXTILE MATERIALS ARE NOT ONLY DEDICATED TO FIGHT PANDEMICS...



Source : L'avion du futur-E-Site



Valve for artificial heart



SUCCESS STORY OF A LONG-TERM INTERCLUSTER TRANSNATIONAL COLLABORATION IN THE ADVANCED TEXTILE MATERIALS SECTOR



The starting point



Call for proposals: Promotion and development of world-class clusters in Europe

Strand 1: Promoting international cluster activities in the CIP participating countries (3/G/ENT/CIP/11/C/N04C011)

September'12 – August'14

*The TEXTILE2020 project's aim is to bring together the **main European clusters** (UP-tex, AEI TÈXTILS, CLUTEX, INNTex, NWTexnet, Po.in.Tex, FOMENTEX and TECHTERA) in 6 countries dedicated to **Advanced Textile Materials (ATM)** with a view to develop and implement a **long-term joint international strategy** that contributes to securing, strengthening and extending their competitiveness at the international level.*



The starting point



MAIN OUTPUTS OF THE PROJECT

- 4 Missions to selected target countries: Brazil, Tunisia, USA and Japan.
- Signature of MoUs with organizations in the target countries.
- Creation of a database of international contacts.
- Definition of a joint internationalization strategy.
- Agreement on the statutes for the creation of a legal organization.



The starting point



OUR OUTPUTS

- Reinforcement of our identity as a cluster on advanced textile materials.
- Increase our knowledge on internationalization activities.
- Strengthen the relationship with some of the partners and establish the beginning of a long-term cooperation.



Building EU-TEXTILE2030 EEIG

- Cluster go International (Call 2016, Strand 2)

December'17 – November'19

ISRAEL

SOUTH AFRICA

COLOMBIA

JAPAN/TAIWAN/KOREA



messe frankfurt

TEX
CLUB
TEC

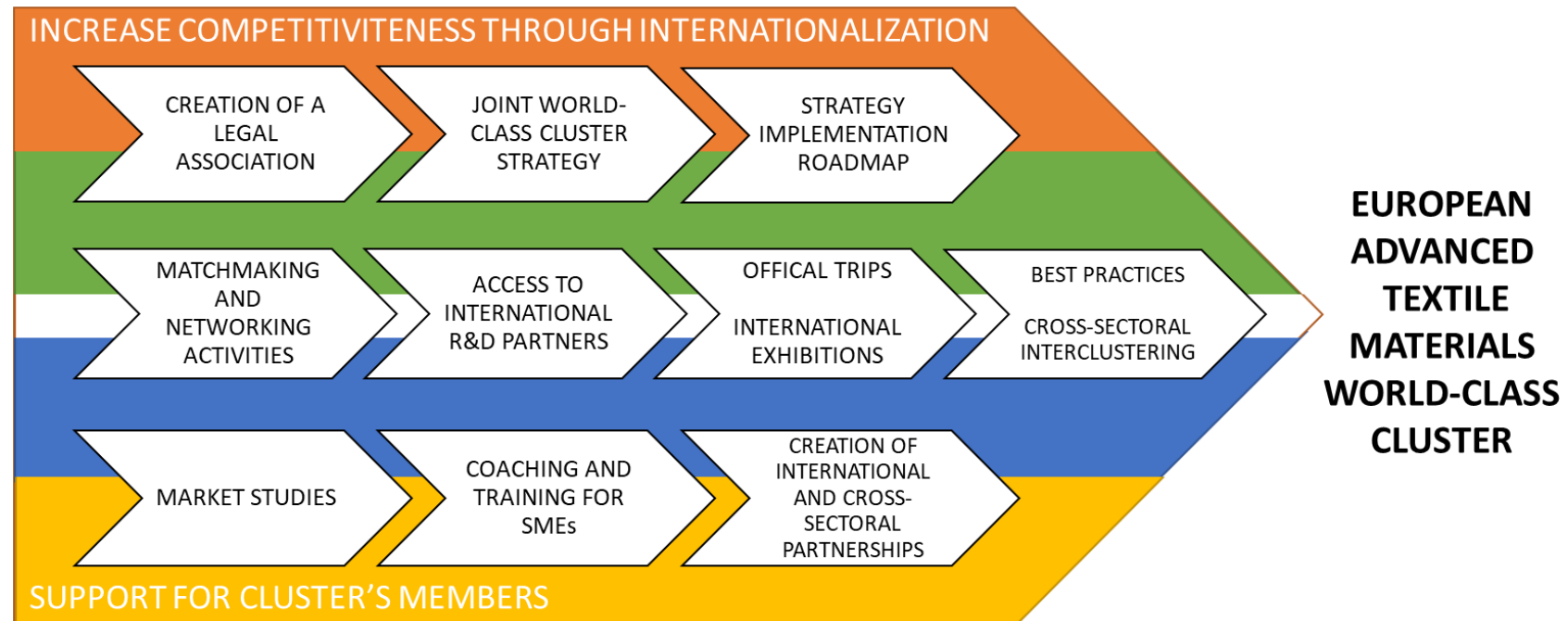
IVGT

ETP Fibres Textiles Clothing
EUROPEAN TECHNOLOGY PLATFORM

CLUSTER TÊXIL
tecnologia e moda

Building EU-TEXTILE2030 EEIG

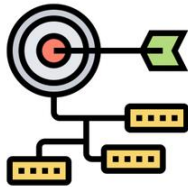
- Cluster go International (Call 2016, Strand 2)



Building EU-TEXTILE2030 EEIG

MAIN OUTPUTS OF THE PROJECT

5 missions



5 market studies



6 webinars



2 matchmaking events



7 partnership agreements
signed with international
partners



3 joint booths



172 B2B + B2C + C2C
meetings organized



Building EU-TEXTILE2030 EEIG

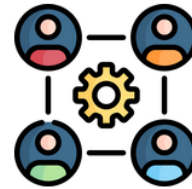
EU-TEXTILE2030 EEIG was officially constituted on 20th November 2019 in Brussels and launched on 21st November in Lyon, during the EU-TEXTILE2030 project Final Event



Strengthening the competitiveness of European advanced textiles' companies



**European Economic Interest
Grouping based in Brussels**



Network of clusters



**Representing the EU advanced
textile materials' sector**
680 SMEs
90 Research organizations

EU-TEXTILE2030 EEIG



Felipe Carrasco, Chairman
Ariadna Detrell, Secretary
Corine Farace, Vice-Chair

EU-TEXTILE2030 EEIG – Vision and mission

Our vision is to increase the competitiveness of European SMEs in the advanced textiles' materials sector.

Our mission is to gather the European SMEs and other organizations related to the advanced textiles' materials sector, through clusters, with the development of specific actions and support services, mainly in 3 axes: collaborative projects in the areas of R&D&I, internationalization and fundraising.

EU-TEXTILE2030 EEIG – Activities

- Partner's search tool
- 6 monthly Newsletter
- Participation at EU project proposals
- Co-organization of events
- Application to be involved in High Level Groups from de EC
- Member of the Board:



- B2B meetings between member companies
- Organization of international exploratory missions
- Sharing of reports

Conclusions/Learnings

The strategic projects in the three main EU support framework for clusters built with EU-TEXTILE2030 partners:

INTERNATIONALIZATION



CLUSTER EXCELLENCE



EMERGING INDUSTRIES & VALUE CHAIN



NETWORKING



Conclusions/Learnings

- Increase of visibility of the sector at international level
- Commitment of partners to work on benefit of the EEIG
- Clusters staff used to work together - used to same working methodologies
- Win to win relationship
- Enabling to work on an intersectorial approach
- A fruitful frame of cooperation even in case of pandemics !



CONTACT



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