REPORT OF ACTIVITIES

AEI Tèxtils.cat

AGRUPACIÓ D'EMPRESES INNOVADORES

2018

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2. ATTENDANCE/PARTICIPATION AT EVENTS
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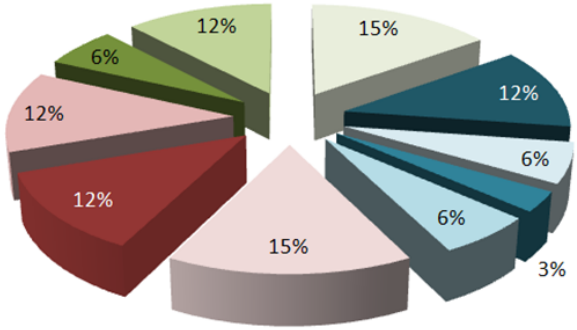
PARTNERS (at 31.12.2018)

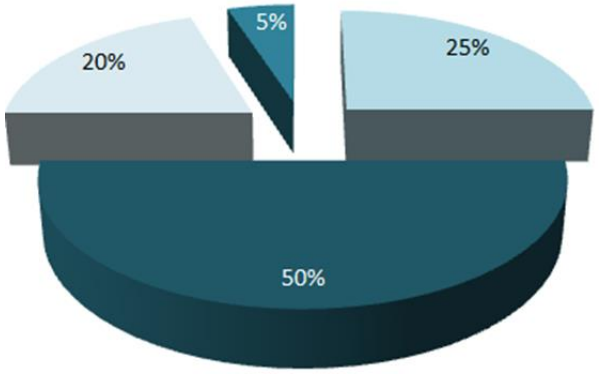
- 2 Founding entities
- 1 Associated entity
- 2 Supporting entity
- 24 companies

Sector of application



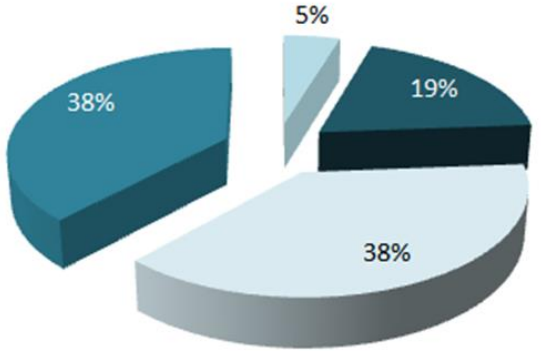
- Automobiles and passengers transport
- Technical textiles at home
- Medical, hygienic and sanitary
- Agriculture
- Technical textiles for clothing
- Personal protection
- Sports and leisure
- Industrial uses
- Construction and textile architecture
- Finishing for several sectors

Size of the companies



- Microenterprise
- Small
- Medium
- Big

Business activity



- Fibres
- Yarns
- Fabrics
- Finishing

2018 TEAM

Ariadna Detrell, Cluster Manager

adetrell@textils.cat

+34 608 864 754

Josep Casamada, Project Manager

projectes@textils.cat

+34 608 356 825

Roger Daví, Corporate Development

https://textils.cat/en/who-we-are/equip/

2. ATTENDANCE/PARTICIPATION AT EVENTS

1. **Meeting of Catalan stakeholders of CirCE project** (Barcelona, 24th January)

2. **Breakfast-talk on technology organized by LCI Barcelona** (Barcelona, 31st January)

3. Kick-Off meeting of EU-TEXTILE2030 project (Ontinyent, 8th February)

Advanced Textile Materials
EU-TEXTILE2030
World Class Cluster

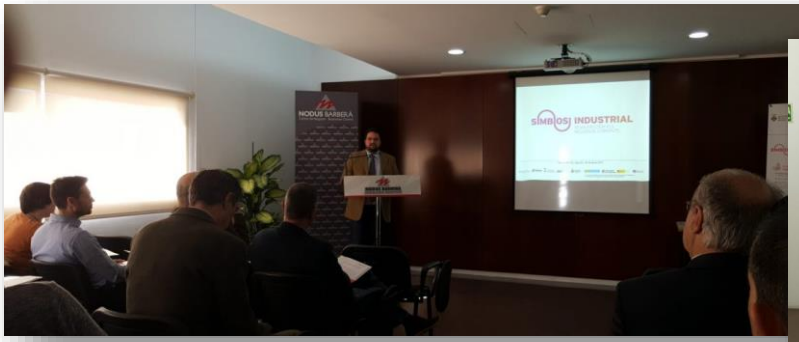
2. ATTENDANCE/PARTICIPATION AT EVENTS

4. **Kick-Off Meeting of the *European Strategic Cluster Partnerships for Going International* (ESCP-4i)** (Brussels, 21st February)

5. ***European Cluster Matchmaking Event*** (Brussels, 22nd February)

2. ATTENDANCE/PARTICIPATION AT EVENTS

6. Teamwork of companies in industrial symbiosis (Barberà del Vallès, 9th March)



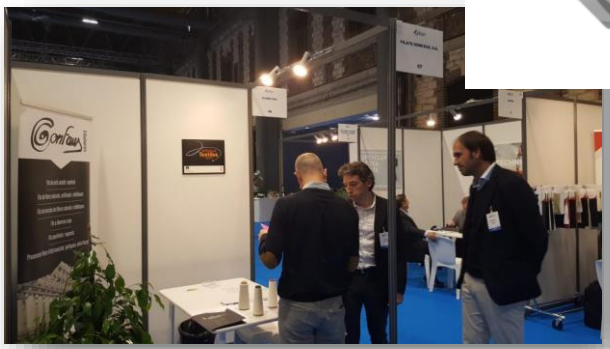
7. ACTE Annual Meeting (Igualada, 4th and 5th April)

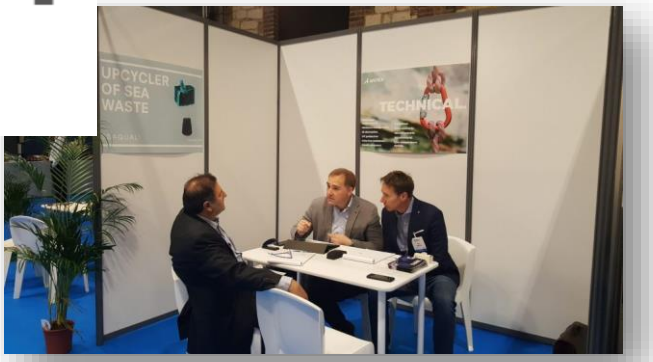
acte

2. ATTENDANCE/PARTICIPATION AT EVENTS

8. **Participation at CITEXT** (Troyes, 16th and 17th April)

Booth of AEI Tèxtils Stand and 4 of its members





2. ATTENDANCE/PARTICIPATION AT EVENTS

9. **Attendance to the conference of sustainability in the textile industry** (Terrassa, 22nd June)

10. **Inauguration of the IAM3D Hub** (Terrassa, 25th March)

2. ATTENDANCE/PARTICIPATION AT EVENTS

11. **Participation at a stakeholders' meeting of CirCE project** (Barcelona, 21st June)

CircE
Interreg Europe

12. **Attendance at Texmeeting** (Barcelona, 29th June)

2. ATTENDANCE/PARTICIPATION AT EVENTS

13. **EU-TEXTILE2030 meeting** (Prague, 9th and 10th July)

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14. **EU-TEXTILE2030 meeting** (Tourcoing, 4th and 5th October)

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EU-TEXTILE2030
World Class Cluster

2. ATTENDANCE/PARTICIPATION AT EVENTS

15. **Monitoring meeting of TEXSTRA Project** (Kaunas, 17th October)

EDUCATION TEXTILE STRATEGY TEXSTRA

16. **EURATEX annual convention** (Ontinyent, 24th October)

EURATEX
THE EUROPEAN APPAREL AND TEXTILE CONFEDERATION

2. ATTENDANCE/PARTICIPATION AT EVENTS

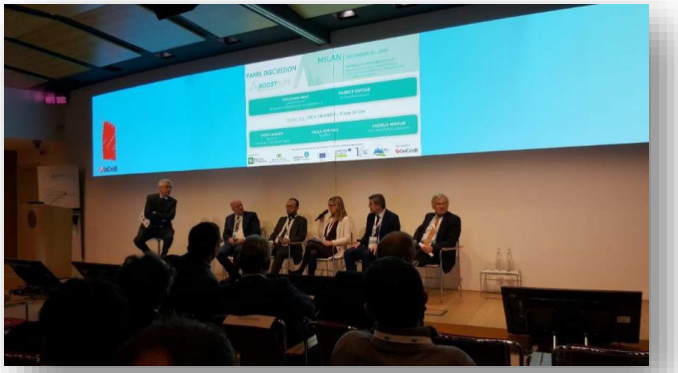
17. Webinar OCDE (30th November)

18. Conference on textiles for Medicine and health (Terrassa, 30th November)

2. ATTENDANCE/PARTICIPATION AT EVENTS

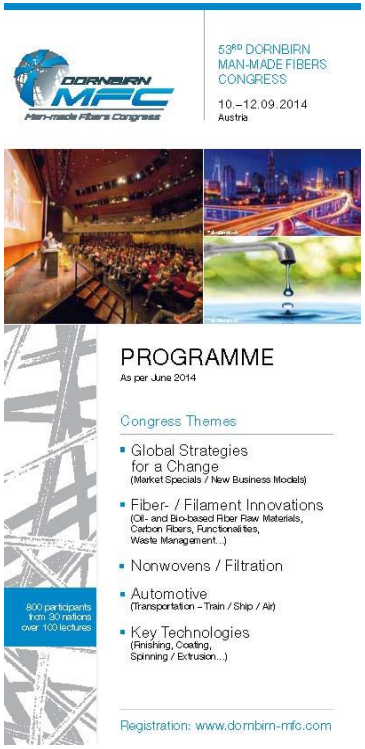
19. **International Fire Safety workshop** (Brussels, 3rd December)

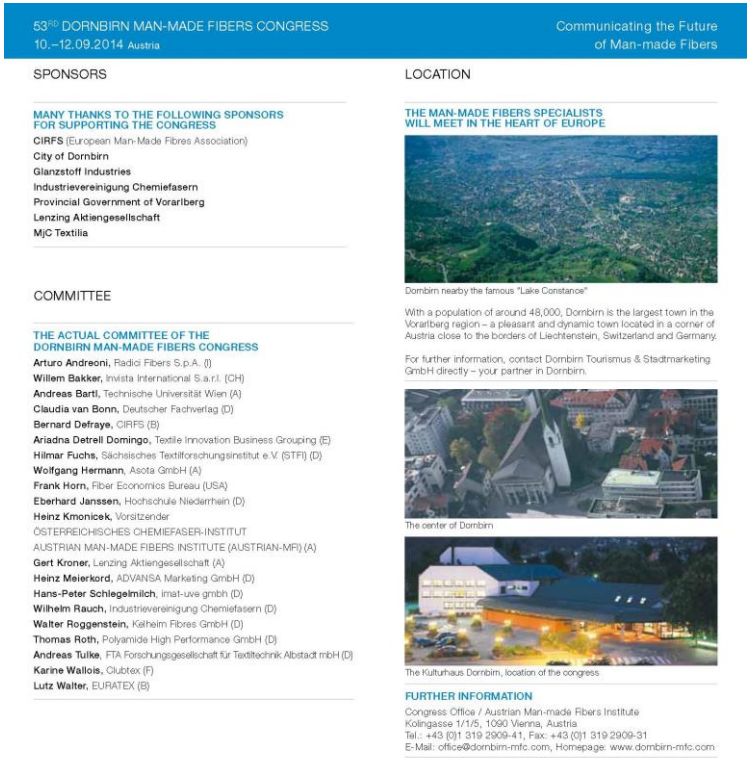
20. **Matchmaking BOOSTALPS** (Milan, 18th December)



- **Dornbirn Man-Made Fibers Congress Committee**

Represented by Ariadna Detrell and Marc Ponsa (General Manager at Polisilk, S.A.)





3. MEMBERSHIP

- Adherent member of **ACTE**

ACTE, the European Textile Collectivity Association, aims to represent and defend the interests of the territorial collectives and adherent organisms which represent territories with presence in the textile, apparel, leather, footwear and fashion accessories sectors.

- Participation in the initiative **REGIOTEX**

RegioTex gathers the main stakeholders of the textile industry, apparel and related industries, as well as public authorities, in a joint effort to develop and implement strategies to facilitate and accelerate the resurgence of the and industrial renewal in the traditional manufacturing regions throughout Europe. The aim is to reinforce the capacities of regional textile innovation, the clusters, technology or training centres and to establish an effective collaboration at a European level and to share experiences among the various regional stakeholders.

RegioTex has been promoted during its preparatory phase, from the mid-2015, by six textile regions (including Catalonia).

- ITMA supporting organization

ITMA 2019
www.itma.com

- Member of the Textile Waste Committee of the National Environment Congress

CONAMA 2018 CONGRESO NACIONAL DEL MEDIO AMBIENTE
RUMBO 20.30.
26 NOV / 29 NOV

4. ORGANIZATION OF EVENTS

1. Monitoring meeting and workshop of FLAREX project

Date of celebration: Brussels/Ghent, 16th and 17th January

2. Visit to ALBA Synchrotron

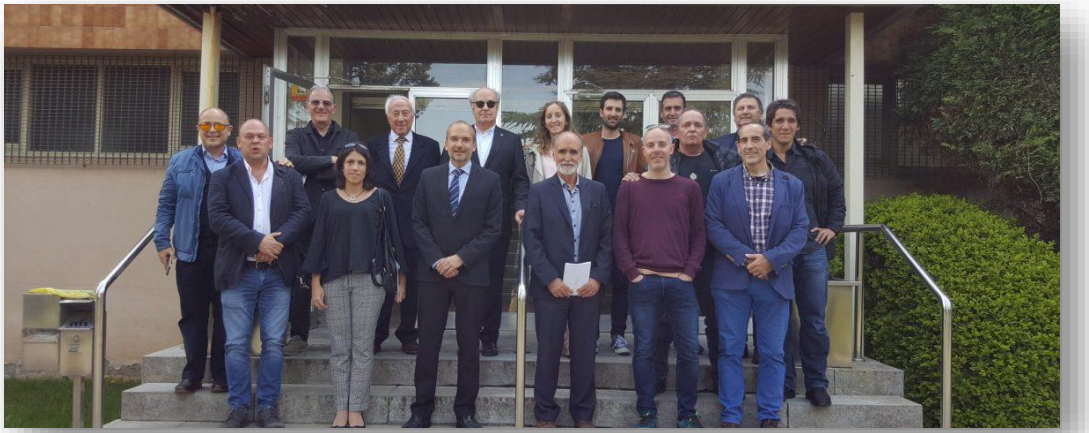
Date of celebration: Cerdanyola del Vallès, 5th February

3. Organitzation of a monitoring meeting of MIDWOR-LIFE project

Date of celebration: A Coruña, 28th February

4. Meeting of AEI Tèxtils' members

Date of celebration: Ponts, 19th April

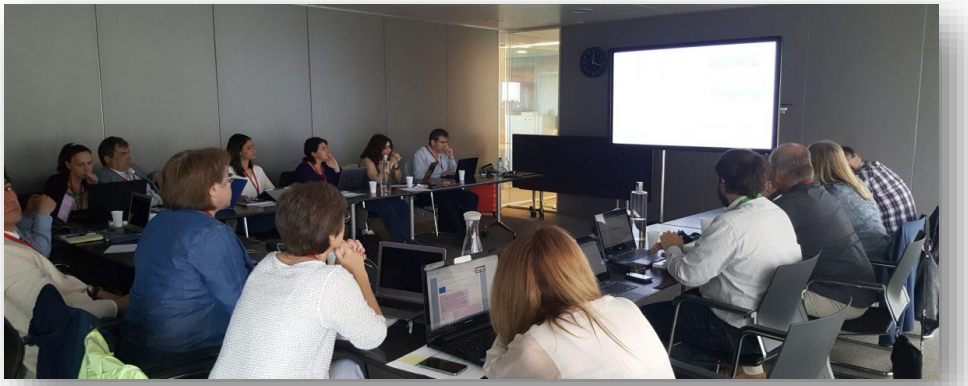


5. Breakfast: fiscal deductions for R&D+i

Date of celebration: Barcelona 24th April

6. Organization of the second TEXTRA project meeting

Date of celebration: Terrassa, 11th May



7. Workshop: Ecodesign in the textile sector

Date of celebration: Terrassa, 22nd May

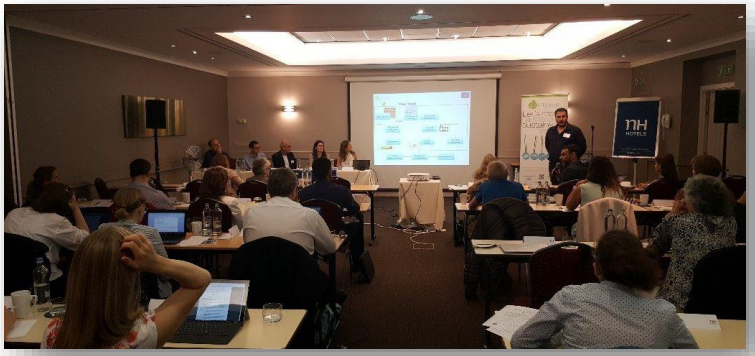
8. General Assembly and Design Thinking session

Date of celebration: Barcelona, 30th May

4. ORGANIZATION OF EVENTS

9. Final event of MIDWOR-LIFE project

Date of celebration: Brussels, 5th June



10. LIFE-FLAREX monitoring meeting

Date of celebration: Brussels, 6th June

11. Visit to IAM 3D Hub

Date of celebration: Terrassa 3rd July

12. Closing meeting of MIDWOR-LIFE project

Date of celebration: Terrassa, 6th July

13. Mission to Colombia

Date of celebration: Medellin, from 23rd to 27th July

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EU-TEXTILE2030
World Class Cluster

4. ORGANIZATION OF EVENTS

14. Mission to South Africa

Date of celebration: Cape Town, from 19th to 23rd November

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EU-TEXTILE2030
World Class Cluster

15. AEI TÈXTILS members' meeting

Date of celebration: Puig Reig, 19th December

Confaus Filatures

16. Monitoring meeting of the LIFE-FLAREX project

Date of celebration: Biella, from 19th to 20th December

IN PROGRESS 2018

- Coordinator of the European project **MIDWOR-LIFE, Mitigation of Environmental Impact cause by DWOR textile finishing chemicals** co-financed by the LIFE program (September 2015- August 2018)

The aim of this project is to carry out an analysis of the environmental impact of the best technologies currently available that are alternative to toxic DWOR (liquid repellents), used in textile finishing processes, especially those that are fluorinated, and demonstrate which are the best alternatives: the less toxic and with lower environmental impact but at the same time those that will keep the required properties of the fabric.

The project consortium is integrated by the Leitat Technological Center and the Institute of Advanced Chemistry of Catalonia (both partners of AEI Tèxtils), the Galician center CETIM and the Czech and Italian clusters CLUTEX and POINTEX.

MIDWOR

Life

PROJECT RESULTS

www.midwor-life.eu

IN PROGRESS 2018

- Coordinator of the European project **LIFE-FLAREX, Mitigation of environmental impact caused by Flame Retardant textile finishing chemicals,** co-financed by the LIFE program (July 2017 – June 2020).

  The aim of the project is to carry out an analysis of the environmental impact of the best technologies currently available which are alternatives to toxic flame retardants, used in the finishing textile processes, especially those which contain halogenated, antimony or formaldehyde, and demonstrate which are the best alternatives: the least toxic and with less environmental impact while it maintain the properties requires in the fabric.

  The project consortium is integrated by the Leitat Technological Cener and the Institute of Advanced Chemistry of Catalonia (both partners of AEI Tèxtils), the Belgian technology center Centexbel and the clusters of the Valencian community, the Czech Republic and Italy.

FLAREX

www.life-flarex.eu

IN PROGRESS 2018

- *Partner* of the European project **EU-TEXTILE2030**, co-financed by the COSME program (December 2017- November 2019). Coordinated by ATEVAL.

  The aim of this project is to consolidate a European Advanced Textile Materials World-Class Cluster in order to implement a joint international strategy that contributes to securing, strengthening and extending the competitiveness of European SMEs in the sector at international level.

Advanced Textile Materials
EU-TEXTILE2030
World Class Cluster

www.eu-textile2030.eu

IN PROGRESS 2018

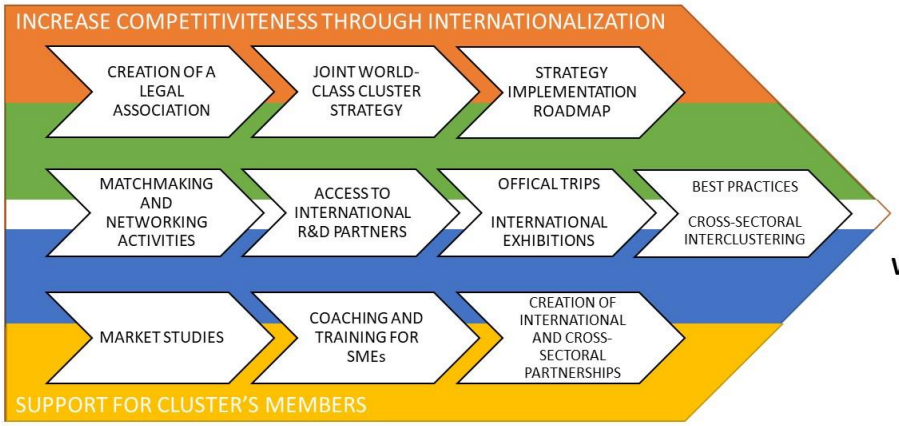
ISRAEL

SOUTH AFRICA

COLOMBIA

JAPAN

TAIWAN



EUROPEAN ADVANCED TEXTILE MATERIALS WORLD-CLASS CLUSTER

Advanced Textile Materials
EU-TEXTILE2030
World Class Cluster

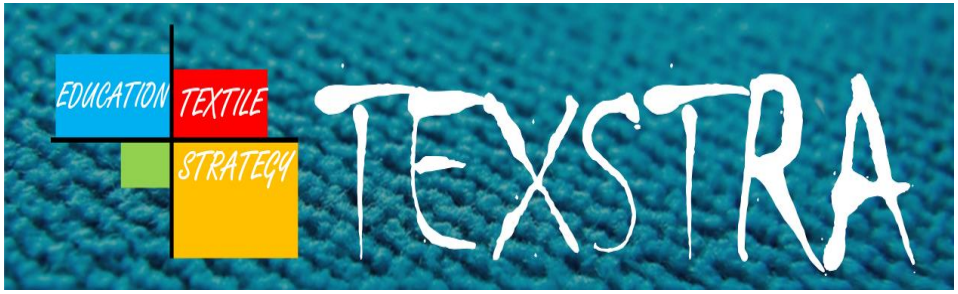
5. PROJECTS

IN PROGRESS 2018

- *Partner* of the European project **TEXSTRA - Textile Strategy for Innovative Higher Education**, co-financed by Erasmus+ (September 2017 – February 2020). Coordinated by the National Research and Development Institute for Textiles and Leather - INCDTP.

  The aim of the project is to promote and contribute to the transferring research and innovation knowledge to students & trainees of the textile/clothing Sector via project based learning.

  The project consortium is formed by 10 partners from Spain, Italy, Portugal, Bulgaria, Lithuania, Greece and Romania.



www.texstra.eu

Erasmus+

IN PROGRESS 2018

- Coordinator Cost Action CONTEXT - **European Network to connect research and innovation efforts on advanced Smart Textiles,** co-financed by the COST program (November 2018 – October 2022).

  The aim of the project is to join efforts at European level to facilitate the market uptake of new advanced textile materials, reducing the gap between research and industry. This goal can only be achieved involving all the major stakeholders of the process: universities, technological centers, industry and end-users under the coordination from one of the main tools which contributes to the improvement of competitiveness and productivity of the different economic sectors in the European environment: the clusters.

  CONTEXT is structured in 6 working groups, 5 of them focused on different applications of advanced textile materials: healthcare/medical, automotive and aeronautics, personal protection, building and living, sports and wearables. The sixth group focus is dissemination and communication.

cost EUROPEAN COOPERATION IN SCIENCE & TECHNOLOGY

Funded by the Horizon 2020 Framework Programme of the European Union

context

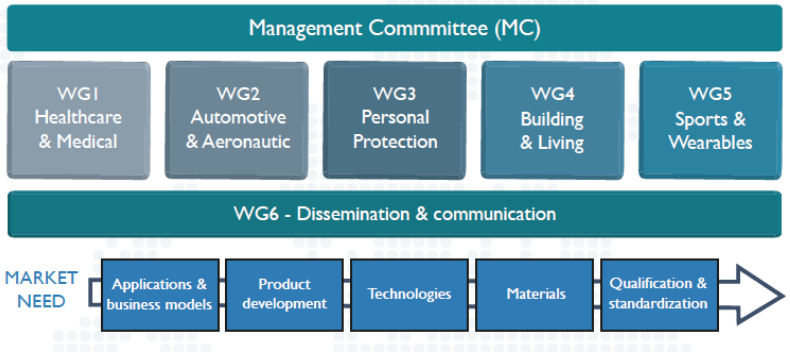
IN PROGRESS 2018

context

www.context-cost.eu

cost
EUROPEAN COOPERATION
IN SCIENCE & TECHNOLOGY

Funded by the Horizon 2020 Framework Programme of the European Union

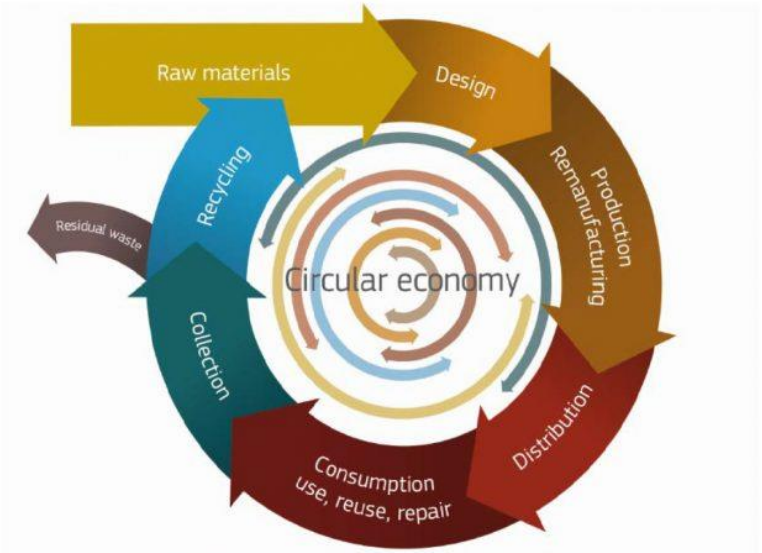


MARKET-PULL orientation

IN PROGRESS 2018

- *Coordinator* of **PACTEX** project, co-financed by the Waste Agency of Catalonia (December 2016-August 2018). In collaboration with the Packaging Cluster and Leitat.

  The project aims to establish synergies between the companies of both clusters and foster among them the effective use of material resources by reducing industrial waste at source, reuse of products, improving recyclability and recovery of waste.



The Circular Economy Model. IMAGE Credit: European Commission DG Environment - COM (2014) 398 "Towards a circular economy"

5. PROJECTS

IN PROGRESS 2018

- *Coordinator* of **ECODISTEX** project, co-financed by the Waste Agency of Catalonia (March 2018-June 2019). In collaboration with Leitat.

  Its aim is to promote the use of environmental criteria in the different stages of design, production, distribution, use and recycling of final products within the technical textile sector with the goal to reduce and mitigate the environmental impact during the whole life cycle.

  Three members of AEI Tèxtils participate in the project: E. CIMA, HIDROCOLOR and HILADOS EGARFIL.

LEITAT managing technologies

ECODISTEX

Agència de Residus de Catalunya

5. PROJECTS

IN PROGRESS 2018

- *Collaboration* with the project DETECTION OF DIVERSIFICATION OPPORTUNITIES FOR THE COMPANIES OF THE ANOIA TEXTILE-FASHION CLUSTER. Led by MODACC

Modacc clúster català de la moda

5. PROJECTS

IN PROGRESS 2018- MEMBERS' PROJECTS

- *Collaborator* in the diversification project of S.A. Hilados Egarfil: launch to the market of a new yarn for new niche markets.

Project co-financed by the European program *SME Instrument-Phase 1* (June 2018 – November 2018)

S.A.HILADOS
EGARFIL®
HILADOS DE ESTAMBRE
WORSTED SPUN YARNS

6. OTHER ACTIVITIES

- Launch of press releases (280 impacts in the generic and sectoral media)
- Information about tenders at Catalan level.
- Periodic updates at the Twitter and LinkedIn accounts: https://textils.cat/twitter / https://textils.cat/linkedin
- Publication of 10 newsletters
- Dissemination of members' news
- Presence at the *European Cluster Collaboration Platform*
- Adherent member of the Catalan Circular Economy Observatory

6. OTHER ACTIVITIES

- Participation and/or coordination of 10 proposals for European projects, both of the cluster and its associated companies.

- Engagement of members in European projects of the cluster

  Industrial test of the MIDWOR-LIFE project