

## WORKSHOP “ECO-DESIGN IN THE TEXTILE SECTOR”



On May 22nd, the technical textile cluster of Catalonia, [AEI TÈXTILS](#), along with [LEITAT – Technological Center](#), organized the workshop “Eco-design in the textile sector”.

This workshop, held in LEITAT facilities in Terrassa and framed within the ECODISTEX project with the support from [MIDWOR-LIFE](#) project, attracted in 15 representatives from companies in the textile sector and other organizations.

The first talk of the workshop, presented by Mireia Cañellas from the Sustainability and Territory department from the Generalitat de Catalunya, introduced the potential of circularity within the textile sector and the European project [CirCE](#), where her department within the Generalitat de Catalunya participate as a partner.

Marta Escamilla, responsible of the Sustainability division of LEITAT, followed with a presentation on eco-design, introducing the methodology, tools and resources for its implementation in the companies of the sector.

After the break, Joan Pera, manager of [Manufactures ARPE](#), member of the AEI Tèxtils, introduced the practices related to circular economy its company is performing during the last years.

Next, Ariadna Detrell, cluster manager of AEI Tèxtils, presented the MIDWOR-LIFE project and its preliminary results. This project aims to mitigate the environmental impact of chemical products in textile finishing processes to provide liquid repellency by analyzing their sustainable alternatives.

Aina Garriga from Femmefleur SCCL was next presenting its product [Cocoro](#), a new reusable panties designed for the menstruation which allow substitution of current contention methods (sanitary napkins or tampons) preventing waste generation.

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After the presentations, LEITAT animated a work session with all the participants with the aim to set on practice the eco-design methodology and the tools in a textile product. The attendees also shared their impressions, hesitations, experiences and opinions about the workshop topic.



*ECODISTEX is project led by AEI Tèxtils in collaboration with LEITAT – Technological Center with the aim to provide eco-design knowledge to the textile industry to allow the incorporation of environmental criteria in the manufacture of their products.*

*This project, ECODISTEX, adds up to the other ones coordinated by the cluster with the common denominator towards promoting sustainability in the textile sector: [MIDWOR-LIFE](#), [LIFE-FLAREX](#) and [PACTEX](#).*

*The upcoming activities that will take place in the project are:*

- 1. Product eco-design. The eco-design will be applied within three companies from the sector with different activities. Within the eco-design process a product will be selected, followed by an environmental analysis where proposals for reducing its associated environmental impact will be made. As a result, three eco-designed products will be obtained within the value chain of the sector.*
- 2. Feasibility study. The proposals for eco-design will be evaluated at technical, economic and environmental levels to assure the feasibility and impact reduction towards the environment. For assessing the environmental impact, the Life-Cycle Assessment (LCA) methodology will be used. The economic feasibility will include the cost estimation associated to the mitigation of the environmental impact (material cost, process change, new equipment, etc.).*

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*The project is co-funded by the Catalan Waste Agency through the subsidy program to promote the circular economy.*

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