



ELIIT Project

EU Cascade Funding for Textile Innovation



ELIIT
PROJECT



 **ETP** *Fibres Textiles Clothing*
EUROPEAN TECHNOLOGY PLATFORM



European
Commission

The ELIIT Project is funded by the COSME programme of the European Union for the Competitiveness of Enterprises and Small and Medium-Sized Enterprises (SMEs)



Content

- ❖ ELIIT at a glance
- ❖ ELIIT benefits
- ❖ Who can participate
- ❖ Eligible projects
- ❖ Calls for proposals
- ❖ ELIIT 1st call projects
- ❖ How to apply
- ❖ ELIIT Team



ELIIT AT A GLANCE

Project funded by the **COSME Programme of the European Union** for the competitiveness of Enterprises and Small and Medium-Sized Enterprises (SMEs).

ELIIT supports textile, clothing, leather and footwear (TCLF) SMEs in implementing in their business model, processes or products **disruptive technologies stemming from excellent research results achieved in many technological areas, such as**

- ✓ **key enable technologies (KETs),**
- ✓ **digital technologies,**
- ✓ **artificial intelligence,**
- ✓ **internet of things,**
- ✓ **high-performance materials,**
- ✓ **circular economy, etc.**

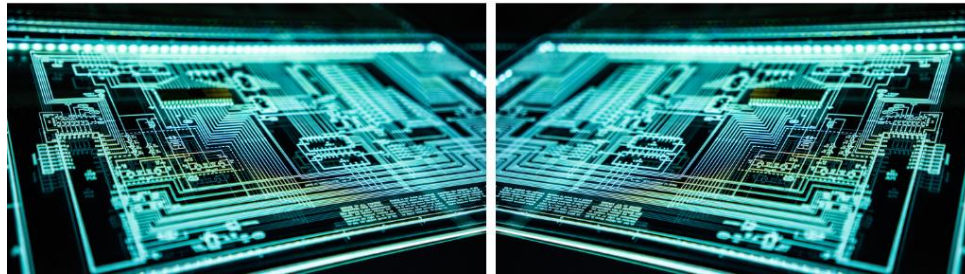


THE 2nd CALL FOR PROPOSALS IS OPEN UNTIL APRIL 14TH!!



ELIIT AT A GLANCE

- **Increase the competitiveness** of SMEs within TCLF sectors
- **Promote European cooperation** between SMEs and providers or owners of novel technologies
- **Support the technology transfer** to SMEs
- **Accelerate and improve the uptake of technologies** such as KET technologies, materials technologies, additive manufacturing, big data and artificial intelligence



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ELIIT BENEFITS

ELIIT will select **25 partnerships between SMEs active in the TCLF sectors, and innovative technology owners or providers** throughout the launch of different calls for proposals with an incubator programme consisting in:

- **Financial Support** 70.000 € per project
- Providing a **tailor-made coaching** to participants on different fields
- **Participation in 1 workshop/conference** (related to innovation/technology uptake) and in **1 exhibition/trade fair** to showcase the project results.
- **Professional links** between projects partners and other players by organizing **network activities**.



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WHO CAN PARTICIPATE

- **SMEs** and **technology owners/providers** (research centres, universities or tech companies)
- **SMEs** active in the TCLF sectors → **Textile, Clothing, Leather/Fur and Footwear**
- Established in **EU-27, and COSME countries, and UK**
- Proposals must be **submitted jointly**
- **Transnationality** will be positively evaluated.

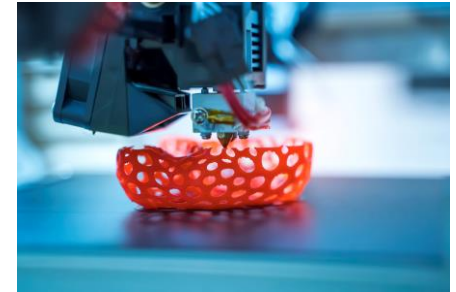


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ELIGIBLE PROJECT

- ❖ **Demonstrate technology transfer from the tech partner to a TCLF SME.** This technology transfer may occur in a vertical way or in a horizontal way
- ❖ **The technology must be in a TRL 6 - 7.** Technology demonstrated in relevant environment ready to be scaled up at industry/production level.
- ❖ **The technology** implemented in the proposal **must be innovative and disruptive.**
- ❖ Improvements may be implemented in **processes or products.**
- ❖ High importance of **cooperation between partners.**
- ❖ **IPR strategy**



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CALLS FOR PROPOSALS

1ST

CEI – November 2019 to March 2020

2nd

CEI – January 25th, 2021 to April 14th, 2021





ELIIT 1st call selected projects



FUNCTEX - Functional coatings for fire protection textiles: heat storage and heat dissipation capacity. ES  + RO 

Validate and implement the **technology based on the use of PCM-CM composites** to obtain textiles for firefighters and industrial protection with **heat storage properties and high thermal conductivity** for heat dissipation capacity and thermal comfort, ultimately contributing to the reduction of thermal stress.

NANOCORK20 - Nanonebulisation cork & cork suede. IT  + ES 

Adjust and scale-up a technology to provide **environmental-friendly garments and fabrics: Lèbiu fabrics**. These **materials are made from the upcycling of cork industry waste**. When this cork dust, which is a very abundant residue from manufacturing bottle stoppers, is treated with our process, we obtain a functional alternative to conventional finishes. The key step of the process is “Micronebulisation” a technology owned by Care Applications. **Micronebulisation is a technology that introduces chemical products into a rotating machine instead of using the traditional bath system**; it micronises the water droplets and the product until achieving a misty effect.



ELIIT 1st call selected projects



PLASMA NANOTEX - In-line plasma technology for a large throughput manufacturing of advanced nanofiber-based filter fabrics.



The proposed project will transfer **industrially-proven proprietary technology for in-line low-cost plasma surface activation of textile materials developed by KET's Centre CEPLANT to SME NAFIGATE to improve performance properties of their proprietary water and air nanofibre filters**. The project will solve critical challenges such as weak adhesion between the nanofibres and the substrate material, not sufficient hydrophilicity, water filter clogging, and will provide the necessary base for the construction of a new high-throughput manufacturing line.

FAN-MODE - Quality step-up in FANcy yarns manufacturing by predictive MODEls. IT  + DE 

The partnership will implement a demonstrator of automated data-analysis at Pecci's manufacturing site. **This demonstrator will support the operators in finding the root cause of quality issues based on data and by applying prediction models to act proactively before a quality deviation occurs**. This will help Pecci with cost-saving, efficiency gains and allow them to support their customer relations within a highly competitive business environment. For DatenBerg, the demonstrator will be a means to introduce themselves in the textile industry market



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HOW TO APPLY



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Video how to apply

The main graphic area features a light gray background with a white-to-gray gradient. On the left, there is a green plus sign above the text 'ELIIT PROJECT' in a bold, black, sans-serif font. To the right of this text is a purple plus sign. Further right, the text 'Click here to watch the video' is displayed in a smaller, black, sans-serif font. Below this text is a black hand icon with the index finger pointing upwards, as if clicking a link. The background is decorated with various horizontal bars in purple, blue, and green, some overlapping and some separate, creating a modern, digital aesthetic.





HOW TO APPLY

Check out the **eligibility criteria**:

<https://ec.europa.eu/eliit>

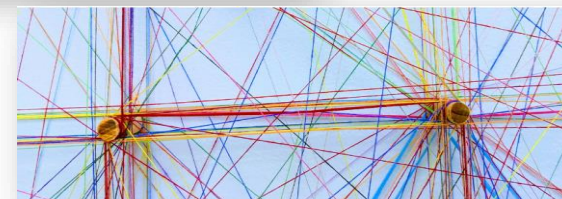
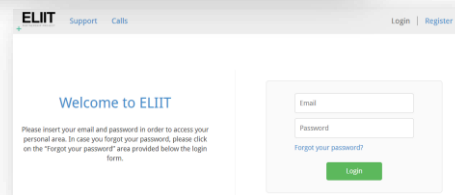
register in our platform: <https://eliit.ems-carsa.com/>

look for a partner to work with (or **ask for help** to find a partner to info@eliitproject.eu) and

present the project proposal jointly

The 2nd call is open until

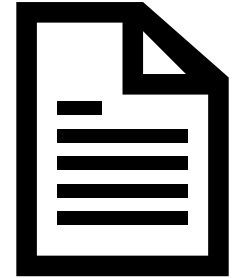
April 14th
(17:00 CET)





Project Proposal template

- Section 1 – Technical Description of the Project and its Impact
- Section 2 – Excellence and Innovation
- Section 3 – Implementation
- Section 4 – Identification of Needs and Obstacles



... and other support documents

❖ [Guide for applicants](#)

❖ [FAQ document](#)





ELIIT Team



ELIIT coordinator – Textile
technology centre



Footwear technology centre

CARSA

Strategic Consultancy Services



Communication and promotion

Anna Maria Stein from



Legal and IPR support



Questions and Answers





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For further information:

<https://ec.europa.eu/eliit>
info@eliitproject.eu
#ELIITProject

+ THANK YOU!

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