



LIFE22-ENV-ES-LIFE-CIRTECHTEX

**Implementation of circular economy processes to  
reduce textile waste in the manufacture of personal  
protective equipment**

**Grant Agreement number 101113876**

**D6.1. Project website and dedicated project page on the  
beneficiaries' websites**



**MARINA**  
TEXTIL

**AEI**  
Textile.cat

**BLAU**fabric

**fontilva**, s.l.  
FABRICA DE FILADOS

**fil man made group**  
YOUR LIFE YOUR BUSINESS

**GRUSA**

**LEITAT**  
managing technologies

**TRANEMO**  
ADVANCED WORKWEAR

Project acronym:	LIFE22-ENV-ES-LIFE-CIRTECHTEX
Project full title:	Implementation of circular economy processes to reduce textile waste in the manufacture of personal protective equipment
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## EXECUTIVE SUMMARY

The dissemination of any project is a structural element to make it be successful.

From the beginning until the end the dissemination of, firstly, the aims, the methodology, the implementation and, finally, the results, findings, possible replications, and recommendations, it represents a key element.

Without a proper dissemination, all the mentioned items would remain hidden and would not contribute to the scientific and technological progress in any way or not at a desirable scale where all the job done generates a positive impact.

That is why a regular dissemination follow-up must be implemented from the very first steps of a project.

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## 1. INTRODUCTION

The implementation of an efficient dissemination for the Cirtechtex project goes through some apparently simple but important steps.

A virtual scenario where internet users easily find all the necessary information related to the project must be enabled as soon as possible.

In that line, the Cirtechtex consortium has managed to implement two actions: a) the design and launch of the official project's website and b) the dissemination of the mentioned website from each one partner's webpage.

## 2. CIRTECHTEX WEBSITE

The Cirtechtex website (<https://marinatextil.com/life22-env-en-life-cirtechtex>) has been already launched. It has been allocated within Marina Textil hosting site and it has been designed following an intuitive structure.

### 2.1. Home

The Cirtechtex website's home is dedicated to present a concise and general overview of the project. It attempts to explain in the shortest possible way the key points and interesting facts of the project, so the audience retain fast what is the project about and remain on the website in case of potential interest.

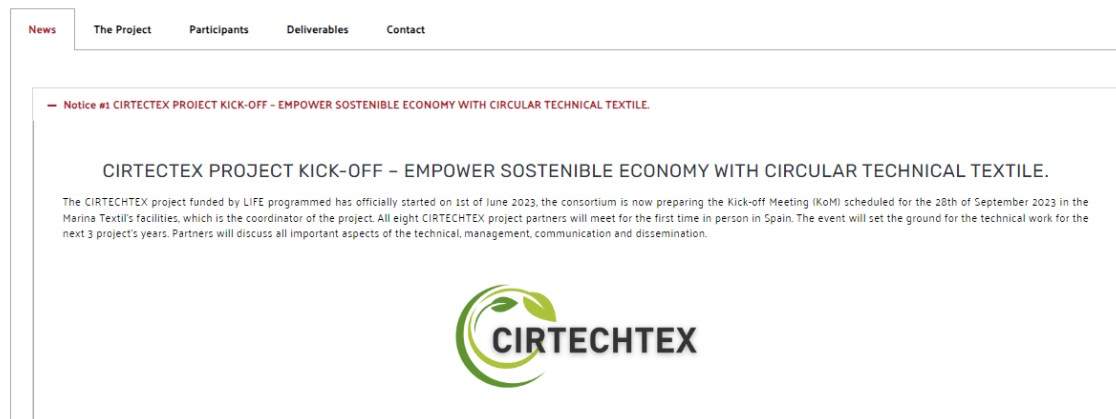
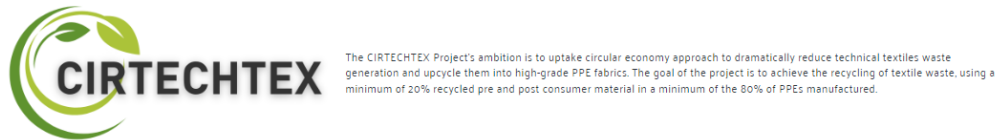


The screenshot shows the top navigation bar of the Cirtechtex website. The navigation menu includes: MARINA TEXTIL, TECHNICAL FABRIC, INDUSTRIAL FABRICS, SUSTAINABILITY, SECTORS, STANDARDS, TOGETHER, EN, a mail icon, and a search icon. Below the navigation bar, the main content area features the Cirtechtex logo on the left and a descriptive paragraph on the right: "Implementation of circular economy processes to reduce textile waste in the manufacture of personal protective equipment." Below this, a larger paragraph states: "The CIRTECHTEX Project's ambition is to uptake circular economy approach to dramatically reduce technical textiles waste generation and upcycle them into high-grade PPE fabrics. The goal of the project is to achieve the recycling of textile waste, using a minimum of 20% recycled pre and post consumer material in a minimum of the 80% of PPEs manufactured." At the bottom of the page, there is a horizontal menu with the following items: Notices, The Project, Participants, Deliverables, and Contact.

### 2.2. News

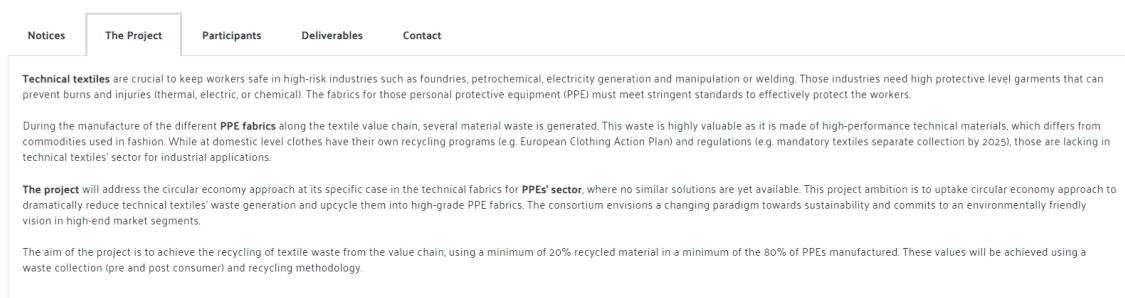
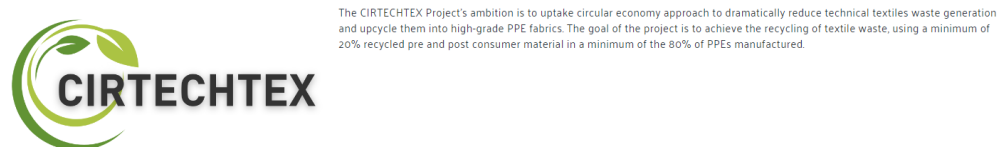
Following with the manageable structure that allows the user to navigate through the site with the minimum possible clicks, the next part is the news section.

Nowadays, and as long as the kick-off meeting took place recently, there are not news, but the idea is that once the user has been aware what the project is about after checking the home section, it easily jumps into the most recent news about the project.



## 2.3. The project

The next section is the project description. It provides a wider description of the project, for those interested stakeholders that want to know more about it.



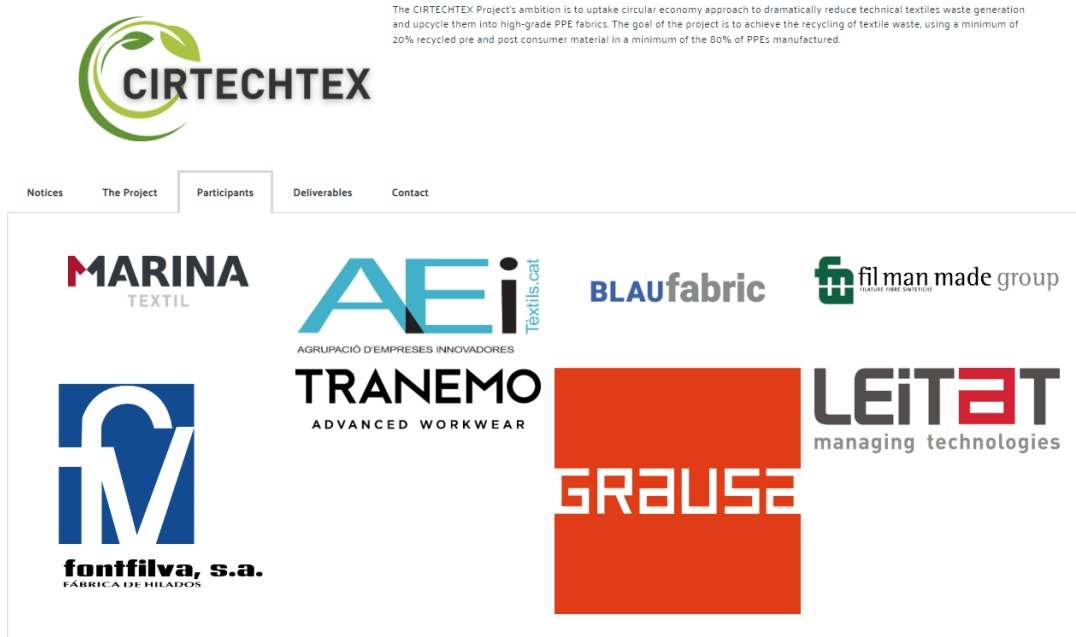
## 2.4. Participants

The participants' section focuses on the consortium.



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All the partners' logos have been placed and linked to their respective websites, where they also make a specific dissemination of the project. This way, the visitor is able to easily figure out what kind of consortium and what kind of expertise can each partner provide to the project.



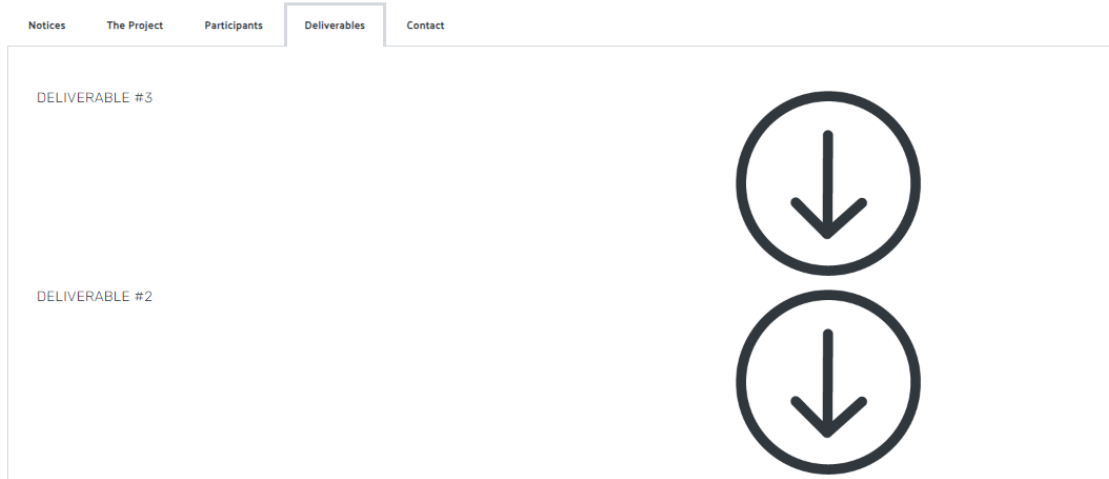
## 2.5. Deliverables

The deliverables section is the part of the website which will progressively acquire more importance, as long as the project results and findings will be uploaded and updated in this part of the webpage.

Up until now, it remains empty, as long as the project has just recently started.

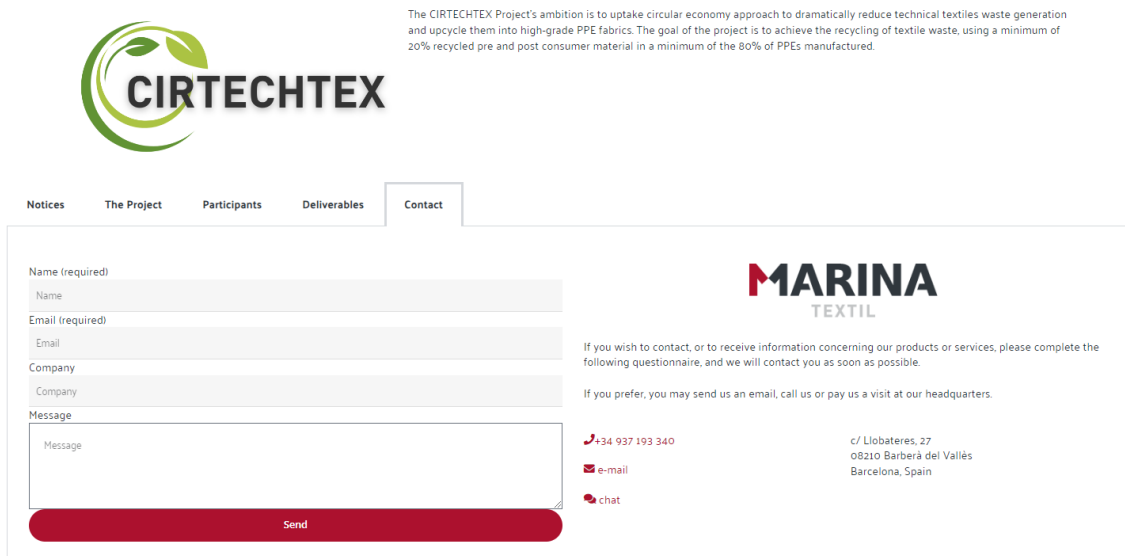
Implementation of circular economy processes to reduce textile waste in the manufacture of personal protective equipment.

The CIRTECHTEX Project's ambition is to uptake circular economy approach to dramatically reduce technical textiles waste generation and upcycle them into high-grade PPE fabrics. The goal of the project is to achieve the recycling of textile waste, using a minimum of 20% recycled pre and post consumer material in a minimum of the 80% of PPEs manufactured.



## 2.6. Contact

Another important section that the website counts with is the contact block. It is essential to have available a section like this to make it accessible for any stakeholders who wants to know more about the project or the consortium.



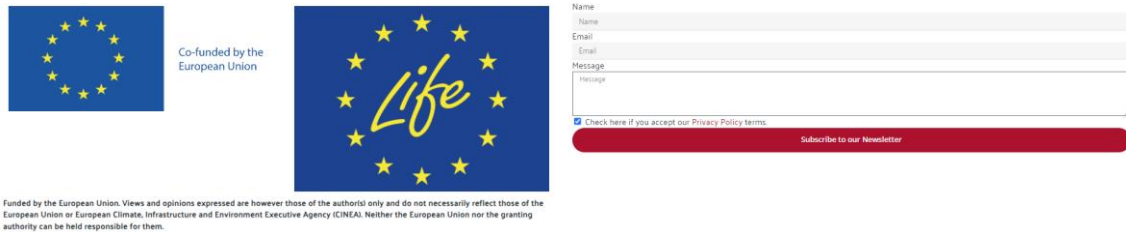
## 2.7. Footer



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Finally, it needs to be mentioned that apart of the accessibility to each section of the site through the menu bar, at the bottom of the website it is always visible the EU and Life logos and disclaimer as long as a permanent contact block.



### 3. PROJECT VIRTUAL DISSEMINATION

The second dissemination action already taken by the partnership has been, as mentioned, the design and launch a specific project profile for each one of the partners' websites.

All of them have made it according to their respective website corporative guidelines and also providing the most important information of the project.

Some of them have translated the profile into several languages to engage their targets more effectively.

#### 3.1. AEI Tèxtils

In the case of AEI Tèxtils the Cirtechtex has been translated into Catalan, English and Spanish languages and it is accompanied with several icons linking the project's benefits to the cluster's strategic lines.



CIRTECHTEX



**CIRTECHTEX – Implementation of circular economy processes to reduce textile waste in the manufacture of personal protective equipment**

Program: LIFE-2022-SAP-ENV-ENVIRONMENT

Project Coordinator: Marina Tèxtil

Participation of AEI TÈXTILS: Partner. Partnership composed by 8 members: AEI Tèxtils, Blaufabric, Fil Man Made, Fontfliva, Grau S.A., Leitat, Marina Textil, Tranemo.

Start date: June 2023

End date: June 2026

**Objectives:**

Some industries (such as foundries, petrochemical, electricity generation and manipulation or welding) need high protective level garments that can prevent burns and injuries (thermal, electric, or chemical). The fabrics for that personal protective equipment (PPE) must meet stringent standards to effectively protect the workers. As any other garment, during the manufacture of the different PPE fabrics along the textile value chain, waste material is generated. This waste is highly valuable as it is made of high-performance technical materials, which differs from commodities used in fashion.

The project will address the circular economy approach at its specific case in the technical fabrics for PPEs' sector, where no similar solutions are yet available. This project ambition is to uptake circular economy approach to dramatically reduce technical textiles' waste generation and upcycle them into high-grade PPE fabrics. The aim of the project is to achieve the recycling of textile waste from the value chain, through a waste collection (pre and post consumer) and recycling methodology.

More information: <https://marinatextil.com/life22-env-en-life-cirtechtex>



<https://www.textils.cat/en/project/cirtechtex-3/>

### 3.2. Fil man made group

Fil Man Made group has opted for a general summary of the project showing the relevant links that will follow the visitor to wider explanations.



<https://filmanmadegroup.com/en/certification-page/life22-env-es-life-cirtechtex>

### 3.3. FontFilva S.L.

In FontFilva S.L.'s website the project summary, objectives, consortium and project duration is very well detailed.

The project website is translated into four languages: Catalan, English, French and Spanish.



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DURATION: June 2023 – June 2026

**PROJECT SUMMARY:**

Technical textiles are crucial to keep workers safe in high-risk industries such as foundries, petrochemical, electricity generation and manipulation or welding. Those industries need high protective level garments that can prevent burns and injuries (thermal, electric, or chemical). The fabrics for those personal protective equipment (PPE) must meet stringent standards to effectively protect the workers.

During the manufacture of the different PPE fabrics along the textile value chain, several material waste is generated. This waste is highly valuable as it is made of high-performance technical materials, which differs from commodities used in fashion. While at domestic level clothes have their own recycling programs (e.g. European Clothing Action Plan) and regulations (e.g. mandatory textiles separate collection by 2025), those are lacking in technical textiles sector for industrial applications.

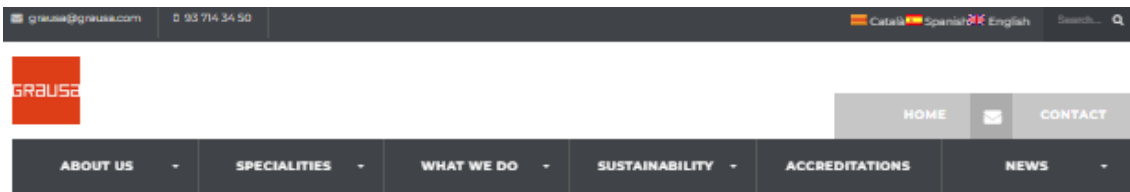
The project will address the circular economy approach at its specific case in the technical fabrics for PPEs sector, where no similar solutions are yet available. This project ambition is to uptake circular economy approach to dramatically reduce technical textiles' waste generation and upcycle them into high-grade PPE fabrics. The consortium envisions a changing paradigm towards sustainability and commits to an environmentally friendly vision in high-end market segments.

The aim of the project is to achieve the recycling of textile waste from the value chain, using a minimum of 20% recycled material in a minimum of the 80% of PPEs manufactured. These values will be achieved using waste collection (pre and post consumer) and recycling methodology.

<http://www.fontfilva.com/es/empresa/proyectos>

### 3.4. Grau S.A.

In Grau S.A.'s website also provide the project's general overview together with a map of the consortium. It is available in Catalan, English and Spanish.



## EMPOWER SUSTAINABLE ECONOMY WITH CIRCULAR TECHNICAL TEXTILE



The CIRTECHTEX project funded by LIFE programmed has officially started on 1st of June 2023. The project consists on the implementation of circular economy processes to reduce textile waste in the manufacture of personal protective equipment. Technical textiles are crucial to keep workers safe in high-risk industries such as foundries, petrochemical, electricity generation and manipulation or welding. Those industries need high protective level garments that can prevent burns and injuries (thermal, electric, or chemical). The fabrics for those personal protective equipment (PPE) must meet stringent standards to effectively protect the workers. During the manufacture of the different PPE fabrics along the textile value chain, several material waste is generated. This waste is highly valuable as it is made of high-performance technical materials, which differs from commodities used in fashion. While at domestic level clothes have their own recycling programs (e.g. European Clothing Action Plan) and regulations (e.g. mandatory textiles separate collection by 2025), those are lacking in technical textiles' sector for industrial applications. The project will address the circular economy approach at its specific case in the technical fabrics for PPEs' sector, where no similar solutions are yet available. This project ambition is to uptake circular economy approach to dramatically reduce technical textiles' waste generation and upcycle them into high-grade PPE fabrics. The consortium envisions a changing paradigm towards sustainability and commits to an environmentally friendly vision in high-end market segments. The aim of the project is to achieve the recycling of textile waste from the value chain, using a minimum of 20% recycled material in a minimum of the 80% of PPEs manufactured. These values will be achieved using a waste collection (pre and post consumer) and recycling methodology.

### PARTNERS:



MORE INFORMATION: <https://marinatextil.com/life22-env-en-life-cirtechtex>

<http://grausa.com/cirtechtex-project/?lang=en>

### 3.5. Leitat



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Leitat webpage shows a summary of the project, along with other related information.



The screenshot shows the Leitat Projects Blog interface. At the top, there is a navigation menu with links: HOME, PROJECTS, NEWS, SME SUPPORT, EXPERTISE, ABOUT US, and CONTACT. Below the menu is a large banner featuring the CIRTECHTEX logo. The article title is 'LIFECIRTECHTEX', categorized under 'HORIZON EUROPE'. It is dated September 29, 2023, and is managed by the Dissemination Manager. The abstract text reads: 'Technical textiles are crucial to keep workers safe in high-risk industries such as foundries, petrochemical, electricity generation and manipulation or welding. Those industries need high protective level garments that can prevent burns and injuries (thermal, electric, or chemical). The fabrics for those personal protective equipment (PPE) must meet stringent standards to effectively protect the workers.'

<https://www.leitat.org/ca/les-nostres-iniciatives/>

### 3.6. Marina Textil

As long as Marina Textil hosts the main project website and it is located in a distinguished section, they do not need to create another specific project profile. In that line, the main Cirtechtex already acts as a project's profile.



The screenshot shows the Marina Textil website. The navigation menu includes: MARINA TEXTIL, TECHNICAL FABRIC, INDUSTRIAL FABRICS, SUSTAINABILITY (highlighted), SECTORS, STANDARDS, TOGETHER, and EN. The main content area features the 'LIFE CIRTECHTEX' project profile. It includes the CIRTECHTEX logo and a description: 'Implementation of circular economy processes to reduce textile waste in the manufacture of personal protective equipment. The CIRTECHTEX Project's ambition is to uptake circular economy approach to dramatically reduce technical textiles waste generation and upcycle them into high-grade PPE fabrics. The goal of the project is to achieve the recycling of textile waste, using a minimum of 20% recycled pre and post consumer material in a minimum of the 80% of PPEs manufactured.' Below the profile, there is a navigation bar with links: Notices, The Project, Participants, Deliverables, and Contact.

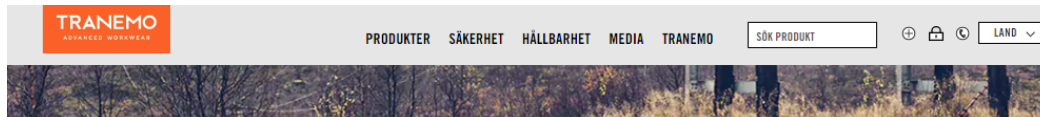
<https://marinatextil.com/life22-env-en-life-cirtechtex>

### 3.7. Tranemo

Finally, Tranemo's website also counts with a general description of the project that is available for all their visitors and possible engagements.



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## LIFE CIRTECHTEX PROJECT

Tranemo is one of the participants in the EU project - Implementation of circular economy processes to reduce textile waste in the manufacture of personal protective equipment - LIFE22-ENV-ES-LIFE-CIRTECHTEX



The CIRTECHTEX Project's ambition is to uptake circular economy approach to dramatically reduce technical textiles waste generation and upcycle them into high-grade PPE fabrics. The goal of the project is to achieve the recycling of textile waste, using a minimum of 20% recycled pre and post consumer material in a minimum of the 80% of PPEs manufactured.

### The project

Technical textiles are crucial to keep workers safe in high-risk industries such as foundries, petrochemical, electricity generation and manipulation or welding. Those industries need high protective level garments that can prevent burns and injuries (thermal, electric, or chemical). The fabrics for those personal protective equipment (PPE) must meet stringent standards to effectively protect the workers.

During the manufacture of the different PPE fabrics along the textile value chain, several material waste is generated. This waste is highly valuable as it is made of high-performance technical materials, which differs from commodities used in fashion. While at domestic level clothes have their own recycling programs (e.g. European Clothing Action Plan) and regulations (e.g. mandatory textiles separate collection by 2025), those are lacking in technical textiles' sector for industrial applications.

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The aim of the project is to achieve the recycling of textile waste from the value chain, using a minimum of 20% recycled material in a minimum of the 80% of PPEs manufactured. These values will be achieved using a waste collection (pre and post consumer) and recycling methodology.

### Participants



<https://www.tranemoworkwear.se/life-2022-sap-env>



## 4. CONCLUSIONS

The dissemination implementation is determinant to exploit a project's potentialities. From the beginning, Cirtechtex has been aware of it and has worked intensely to maximise its own capacities.

The consortium has accomplished its initial goals regarding the external project dissemination by having finished the Cirtechtex project website as long as the individual project profiles for each partner website.