



# Discovering the RegioGreenTex Hubs

29 November 2023 • 10:30-11:30 • Online



# Webinar Procedures



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Type questions  
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Raise your hand  
when you wish  
to speak



When you are invited  
to speak, unmute mic  
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(if possible)

# Agenda

## Introduction

*Charlotte  
Denis, Textile  
ETP*

## Presentation of each hub

## Conclusion

*Charlotte  
Denis, Textile  
ETP*

## Presentation of the Hub Initiative

*Sylvia Snoeren,  
Oost NL*

## Q&A

*Christiaan  
Bolck, Oost NL*





# COMMUNITY TALKS

**Online animation activities play a pivotal role in sustaining the engagement of SMEs within the digital ecosystem.** To stimulate interaction, a series of **14 intra-consortium webinars**, the RegioGreenTex Community Talks, are taking place throughout the duration of the project. **The RegioGreenTex Community Talks promote the latest progresses and results of the project, and well as encouraging dialogue and knowledge sharing in the textile sector, focusing on sustainability and the green transition.**

The RegioGreenTex Community Talks are organised as part of WP2 (T2.4 Animation of the Ecosystem) and managed by Textile ETP, with the support of Euratex, NE RDA, Ariadne Innovation, OOST NV and Techtera.

# Presentation of the Hub Initiative

*Sylvia Snoeren, Oost NL*



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# Regions for Green Textiles

## Definition RegioGreenTex Hub

- A RegioGreenTex hub (HUB) is an organized ecosystem within the textile value chain which encourages investments and share knowledge. It is a supporting backbone of one or more regions within the EU that actively creates synergies between partners and within the regions to keep up and grow the circular potential of the companies.
- Part of the HUB could also be a physical infrastructure where small and medium sized companies (SMEs) can collaborate to increase the possibilities for textile recovery and reprocessing.
- The HUB serves as a crucial nexus connecting a diverse mix of triple helix partners. To find solutions a HUB is pooling their capabilities, expertise, and machinery to foster collaboration and innovation.
- The goal of a HUB is driving growth and development of the textile recycling ecosystem.

# Regions for Green Textiles

## Introduction Workpackage 5: Regional hub ecosystems

**WP:** 5 textile recycling hub ecosystems are identified that must support the SME's upscaling, attracting investments and creating closed loop systems. The overarching idea for the five hubs is to collaborate in constructing a comprehensive European textile recycling system. Each hub will develop its own distinct type of textile recycling hub ecosystem, which can be replicated in other regions. Additionally, each hub will possess unique smart specialization features that can be leveraged to support other regions.

WP5 of RGT is specifically focusing on this supporting role of the hubs and as such WP5 has the following three main tasks:

- **Task 5.1** Definition of a road map and terms of reference.
- **Task 5.2** Definition and execution of pilot activities, widening involvement to key players.
- **Task 5.3** Drafting and validation of an investment



## Regions for Green Textiles Introduction Hubs



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# Presentation of the Hubs

*Italy, NORTE, Lowlands, AURA, NERO*



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# Regions for Green Textiles Italy HUB

Focus on recycling of textiles with high percentage of wool.



## Tuscany – Prato

- The major textile European manufacturing area;
- Historically specialised in wool recycling;
- Equipped with SMEs specialised in the carded wool recycling (sorting, tearing, carding and spinning).

**Main Actors:** Next Technology Tecnotessile, Municipality of Prato and SMEs involved (Trafi and Marini)

## Piedmont – Biella

- Manufacturing vocation, with textiles as the pivotal sector (wool specialisation);
- Recently leader also in the production of yarns and technical fabrics

**Main Actors:** CS-Pointex, Piedmont Regional Government, Textile&Health Association, several SMEs involved (among them DBT)

Recycling Hubs for upcycling waste and circular materials by collecting, sorting processing and recycling industrial, pre-consumer and post-consumers textile wastes



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# Regions for Green Textiles

## Norte Portugal HUB

- Eclectic, complete
- Geographically concentrated
- Really integrated
- High level of specialization
- Strong interaction between Companies
- The biggest textile employer region in EU

Focus on recycling of  
textiles with high  
percentage of cotton.

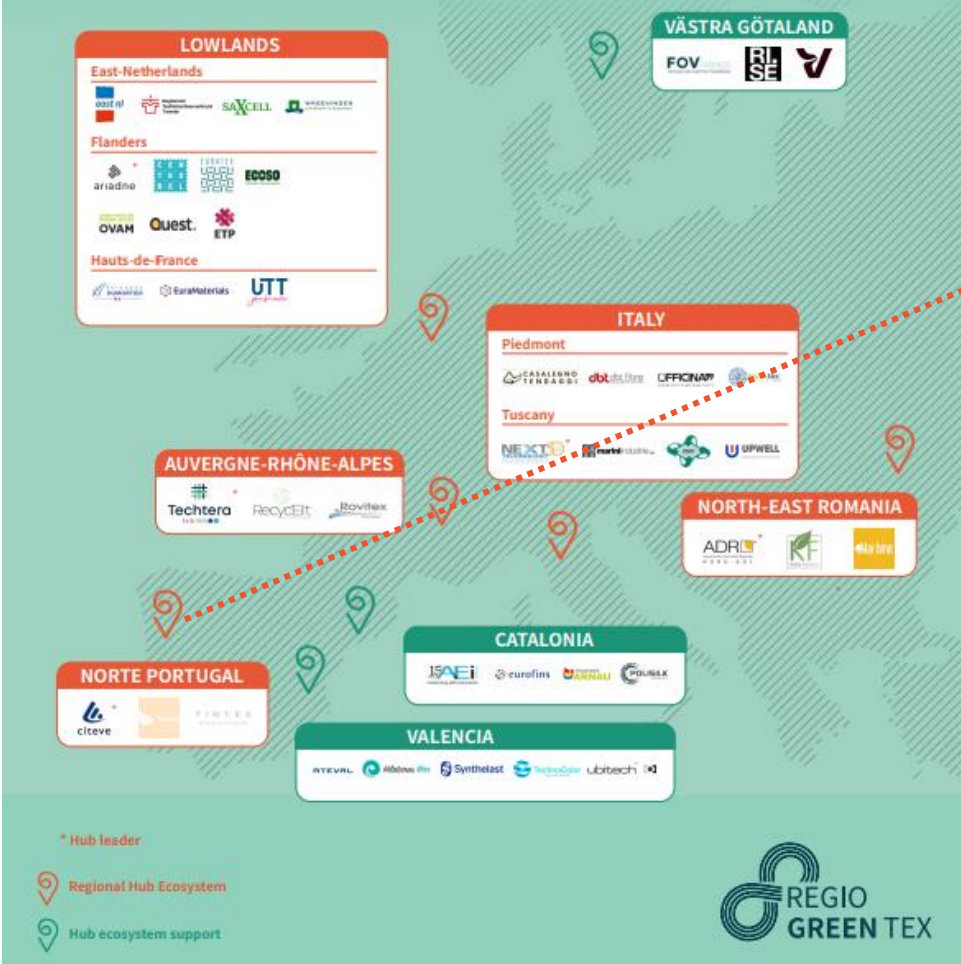


- ✓ Fibres & Yarns: ~1%
- ✓ Knits & Fabrics: ~13%
- ✓ **Dyeing & Finishing:**  
~5%
- ✓ Manufacturing: ~80%
- ✓ **Recycling:** ~1%



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## RegioGreenTex Regional Hubs



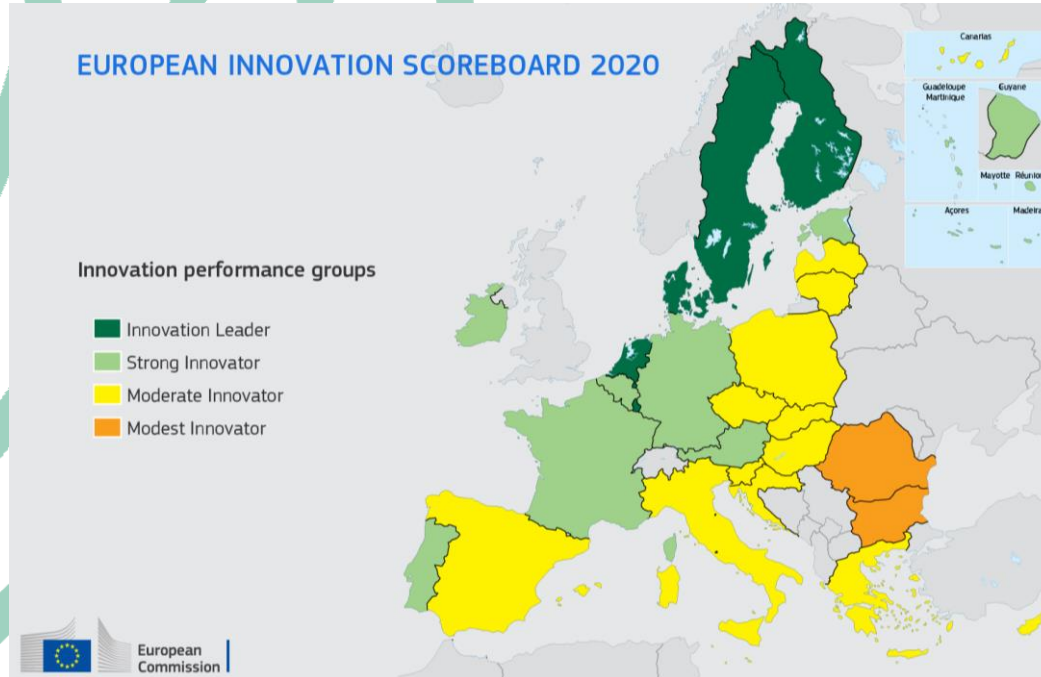
**T I N T E X**  
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# Overview of the Portuguese Textile and Clothing Sector (Figures 2022)



- Eclectic, complete
- Geographically concentrated
- Really integrated
  - High level of specialization
  - Strong interaction between Companies
- The biggest textile employer region in EU

**11 900  
Companies**

**132 000  
Employees**

**19 % Industry  
Employment**

**6 122 M€ Exports**

**8 860 M€  
Turnover**

**2 800 M€ Value  
Added (GVA)**

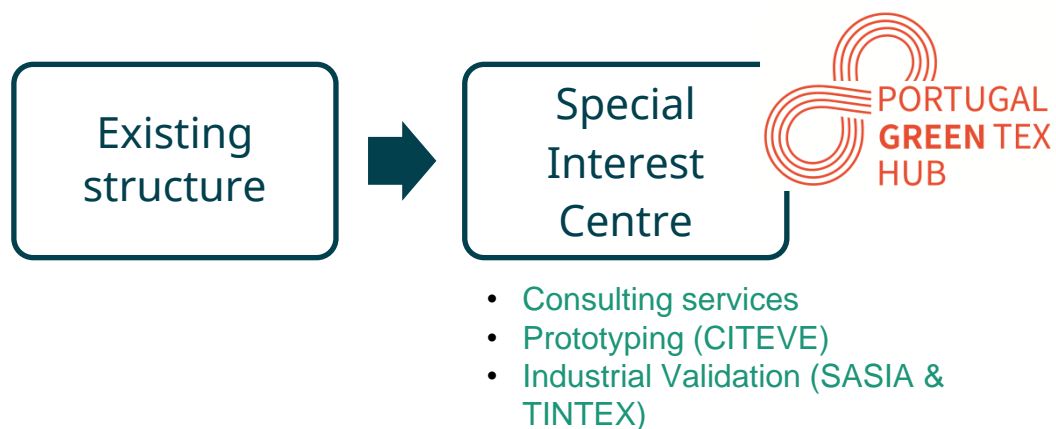
# Portugal Green Tex Hub -

## Description

**Leader:** CITEVE

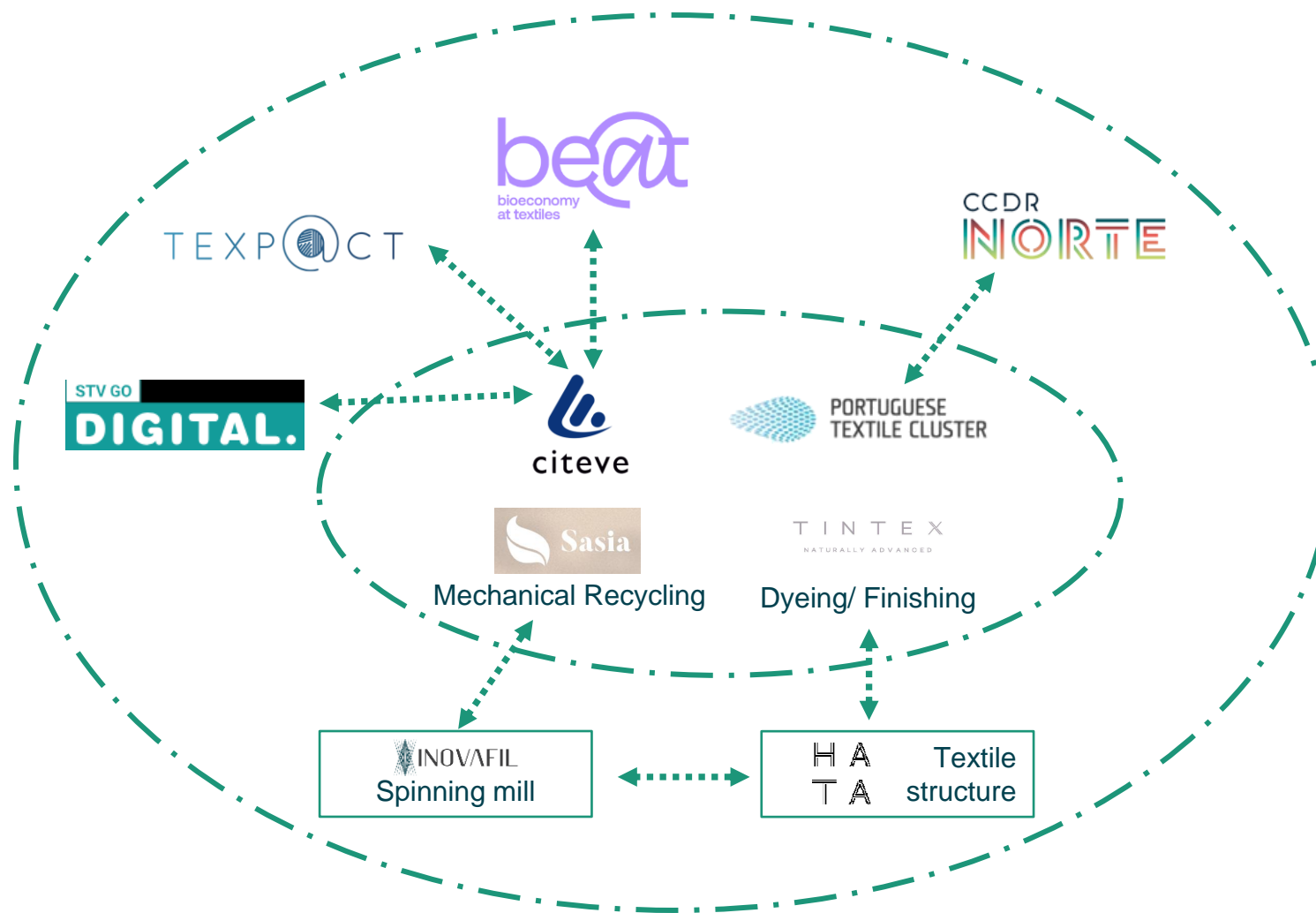
**Beneficiaries:** SASIA and TINTEX

**PORTUGAL Green Tex Hub** will allow exploration of existing methodologies and case studies of successful symbiosis at the regional and national level, as well as existing standards and guidelines for establishing eco-industrial parks concepts, to identify possible barriers for replication in the territorial regions addressed in RGT.



- Recycling-related services to recycle textile products, pre and postconsumer, on a large scale;
- Guide SMEs to circularity, recycling at the industrial level and meeting the Green Deal targets;
- Reach potential companies that could perform recyclability tests and prototypes.

[Strong focus on cotton recycling, due to its relevance to the Portuguese ecosystem]



**Thank you!**

Tiago Pinto (tpinto@citeve.pt)  
Catarina Guise (cguise@citeve.pt)  
Maria José Carvalho (mjcarvalho@citeve.pt)



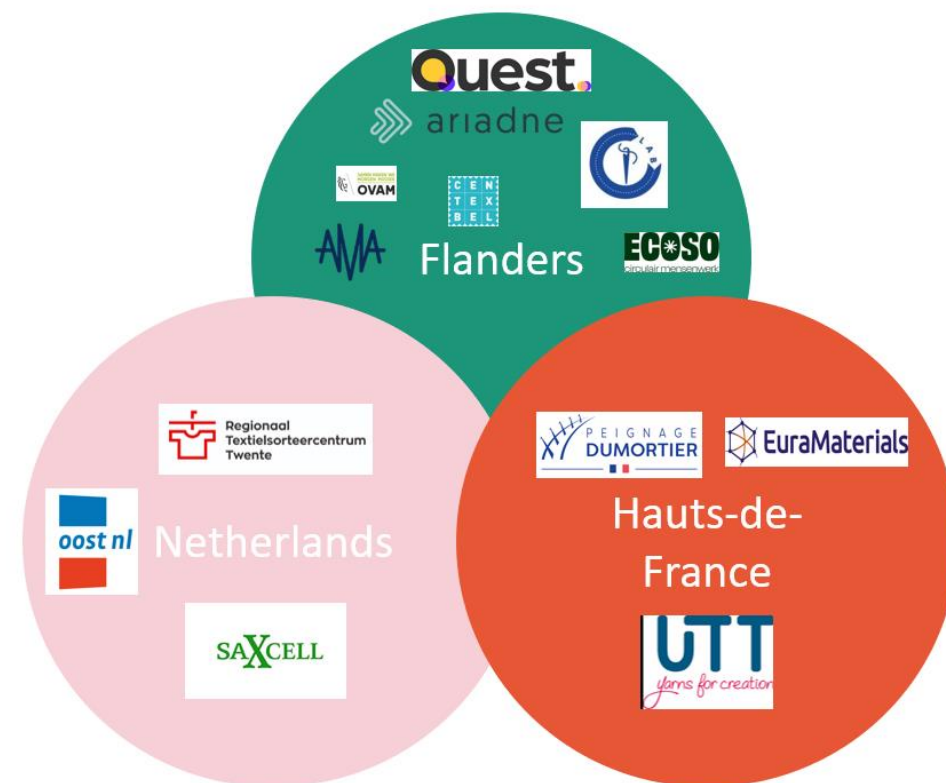


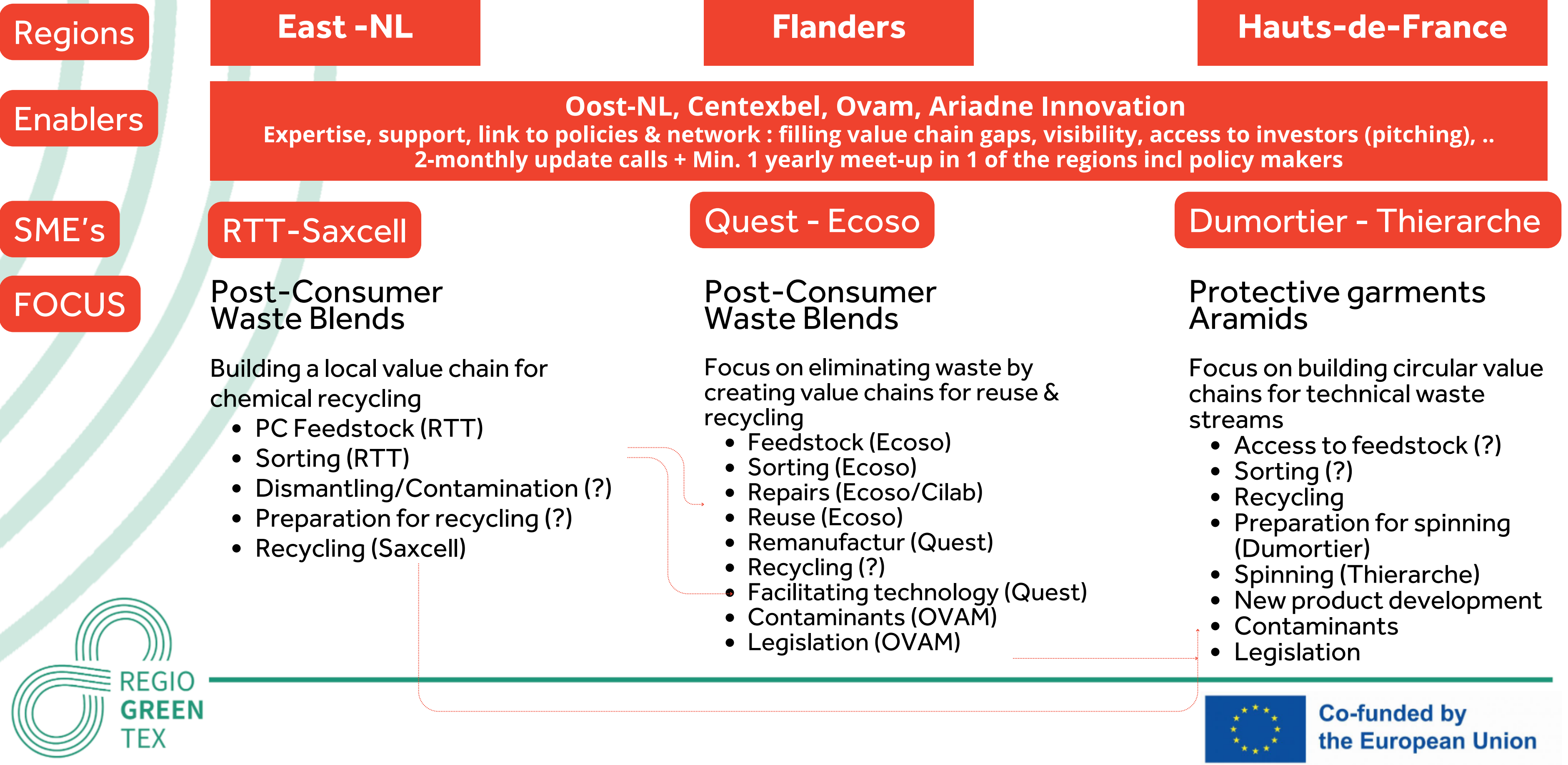
# Regions for Green Textiles Lowlands HUB

Focus on recycling of mixed textile waste



- **Aim:** Creating a digital hub by setting-up a flexible network of SME's across the value chain, in the 3 regions, supported by smart digital tools, that work together to realize and scale-up F2F recycling and lifespan extension of textiles.
- **Partners:** Connecting 3 regions, bringing together 12 partners from across the value chain: manufacturing, recycling technology, collection & sorting, manufacturing, eco-design, digital technology.





# Regions for Green Textiles

## Auvergne-Rhône-Alpes HUB

Focus on recycling of  
synthetic textiles



**All the activities of the textile value chain** are represented in the region: yarn spinning and yarn treatment, weaving, knitting, finishing, collection, sorting, recycling, equipment providers.

Main materials: **synthetic fibers**.

Strong focus on **technical textiles**.

Around 30 structures (representing all the value chain) strongly involved in circular economy through “Club RECIT” (quarterly event about circular economy in the textile industry).

**Other industries** represented in the region: chemistry, plastics processing and composites manufacturing.

Recycling of both **production scraps** and **post-consumer textiles waste**.



# Techtera

TISSÉ EN AUVERGNE-RHÔNE-ALPES 



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# Regions for Green Textiles North-East Romania HUB

**Focus on design  
(prevention on waste and  
design for recycling).**



## Scope

Foster a zero-waste circular textile value chain in North-East Romania through innovative solutions with potential of multiplication

## Long term

The hub aims to address the whole Textile sector of North-East Romania, in line with the regional priorities of smart specialization.



## Objectives

- Adapt concrete circularity and sustainability goals at strategic level;
- Engage forward and backward in the value chain, to help support the adoption of recycled textiles;
- Expand infrastructure for consumers and businesses to increase textile-waste collection and incentivize the sorting process.



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# Q&A

# Thank you

*For more information about the RegioGreenTex Community Talks,  
contact: [charlotte.denis@textile-platform.eu](mailto:charlotte.denis@textile-platform.eu)*



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# Understanding the upcoming EU legislation

and how SMEs can best prepare for the changes,  
and benefit from the opportunities

25 January 2024 • 10:30-11:30 • Online

