

# Hi-Tech-TEX

CxC RISE & Science Park Borås

Sweden | 27th to 29th November 2023



Hi-Tech-TEX



Co-funded by the COSME programme  
of the European Union



A TEVAL



# General information

**CXC RISE & Science Park  
Borås**

**Date:** 27<sup>th</sup> to 29<sup>th</sup> November 2023

**Duration:** 3 days (8h/day)

**Host:** University of Borås/Science Park Borås

**Venue:** Sweden

**RISE Mölndal:**

Argongatan 30, 431 53 Mölndal

**Science Park Borås:**

Skaraborgsvägen 3, 506 30 Borås

**Info:** <https://www.ri.se/en>

<https://smarttextiles.se/en/>

<https://scienceparkboras.se/>



# General information

CXC RISE & Science Park  
Borås

Addressing the following topics:

- **New textile fibres and materials**
- **Textile recycling**
- **Environment and sustainable chemistry**
- **Textile testing and certifications**
- **Remake textiles** (remake factory beta)
- **Smart Textiles** (Smart Textiles showroom)
- **Open innovation environment for collaboration** (Do Tank)
- **Meeting with innovative start-ups** (@RISE and @ Science Park Borås)



# CxC RISE & Science Park Borås

## Programme:

Date	Location	Hour (local time)	Activities
<b>Monday</b> <b>27.11.2023</b>	<b>@RISE</b> <b>Möndal</b> Argongatan 30, 431 53 Möndal	09:30 – 10:00	Welcome, login and coffee
		10:00 - 10:30	Start-ups presentation
		10:30 - 11:00	Presentation of research group Polymer materials & recycling
		11:00 - 11:30	Coffee break
		11:30 - 12:00	Presentation of research group Fiber development
		12:00 - 12:30	Presentation of research group Textile testing, certification & Analysis
		12:30 - 13:30	Working lunch @Kock&Rock restaurant
		13:30 - 14:00	Guiding in labs Polymer materials & recycling
		14:00 - 14:20	Guiding in labs Fiber development
		14:20 - 14:40	Guiding in labs Textile testing, certification & Analysis
		14:40 - 15:00	Coffee break
		15:00 - 15:25	Presentation of research group The environment and sustainable chemistry
	--	15:25 - 15:45	Walking to company visit
	<b>@TreetoTextile</b> Entreprenörstråket 10, 43153 Mölnda	15:45 - 17:30	Visit to company TreetoTextile

# CxC RISE & Science Park Borås

## Programme:

Date	Location	Hour (local time)	Activities
<b>Tuesday</b> <b>28.11.2023</b>	<b>@RISE Mölndal</b> Argongatan 30, 431 53 Mölndal	09:30 – 11:00	Workshop on potential collaborative activities
	---	11:00 - 12:30	Transfer to Science Park Borås
	<b>@Science Park Borås</b> Skaraborgsvägen 3, 506 30 Borås	12:30 - 13:30	Welcome to Science Park Borås and working lunch @Company restaurant (in Textile Fashion Center)
		13:30 - 14:00	DO-tank experience
		14:00 - 14:30	Presentation and visit to Remake factory
		14:30 - 15:00	Coffee break
		15:00- 17:30	Presentation and visit to Smart Textiles Showroom



# CxC RISE & Science Park Borås

## Programme:

Date	Location	Hour (local time)	Activities
<b>Wednesday</b> <b>29.11.2023</b>	<b>@Science Park Borås</b> Skaraborgsvägen 3, 506 30 Borås	08:30 – 09:30	Presentation by Textile Material Technology group by Professor Vincent Nierstrasz, Professor Mikael Skrifvars, and Professor Nawar Kadi (Swedish School of textiles, department of Textile Technology)
		09:30 - 10:00	Coffee break
		10:00 - 12:00	Visit to Textile Material Technology research labs by Professor Vincent Nierstrasz, Professor Mikael Skrifvars, and Professor Nawar Kadi (Swedish School of textiles, department of Textile Technology)
		12:00 - 13:00	Working lunch
		13:00 - 14:30	Start-ups presentation
		14:30 - 15:00	Coffee break
		15:00 - 17:00	Workshop on future collaboration activities



# CxC RISE & Science Park Borås

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## Science Park Borås

is an open collaborative arena with several actors such as the University of Borås, the City of Borås, and the Research Institutes of Sweden (RISE). Science Park Borås has a clear focus on sustainability within its three areas of activity: textiles, consumption, and societal development. Science Park Borås is located in the textile hub the Textile Fashion Center. The skills and resources available here provide opportunities to realize ideas as well as develop and generate new, marketable innovations, products, and services. It brings together academia, industry, and other parts of society.

Location: Skaraborgsvägen 3, 506 30 Borås

website: <https://scienceparkboras.se/>



# CxC RISE & Science Park Borås

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## **RISE (Research Institutes of Sweden) @ Mölndal**

Is Sweden's research institute and innovation partner. Through international collaboration with industry, academia and the public sector, ensures business competitiveness and contribute to a sustainable society. RISE site involved in all related activities textiles is situated in Mölndal, a town just by Gothenburg

Location: Argongatan 30, 431 53 Mölndal

website: <https://www.ri.se/en>



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# CxC RISE & Science Park Borås

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## TreeToTextile company

TreeToTextile is built on a common vision: Better textiles in harmony with nature, to all. By combining the entrepreneurial spirit of Lars Stigsson, the cellulose expertise of Stora Enso and the customer and textile knowledge of H&M Group and Inter IKEA group, TreeToTextile has created the possibility to put a new sustainable textile fiber on the market.

The TreeToTextile technology is a new innovative chemical process – using renewable forest raw material and regenerating the cellulose into a textile fiber by spinning the dissolving pulp. The process uses less chemicals, allowing for a more sustainable and cost-efficient process compared to conventional technologies and fibers. There are no Sulphur emissions during the production and the water and the chemicals used are recycled and reused.

Location: Entreprenörstråket 10, 43153 Mölnda

website: <https://treetotextile.com/>



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# CxC RISE & Science Park Borås

## **DO-tank center (@ Science Park Borås)**

An open innovation environment for collaboration between business, the public sector and research, where ideas are exchanged, prototype development and tests of future circular business models, products and services take place

Website: <https://dotankcenter.se/>

## **Remake factory (@ Science Park Borås)**

An automated flow for remake of garments that would otherwise be considered as waste. By using Eton Systems overhead conveyor system together with an AI that can detect defects and suggest design operations, the machine automatically adds value in form of design elements that repairs and covers up defects

Website: <https://mikrofabriker.scienceparkboras.se/>



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## **Smart Textiles Showroom (@ Science Park Borås)**

Smart Textiles Showroom is a place for meetings and knowledge, where research and prototypes on smart textiles are made available and presented in a completely new and groundbreaking way, both to inspire and show the way. There are various textile materials and samples produced in Smart Textiles various projects, as well as from the machinery of the Swedish School of Textiles and other interesting materials purchased from external manufacturers.

website: <https://smarttextiles.se/en/smart-textiles-showroom/>



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# CxC RISE & Science Park Borås

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## Recommended hotels during RISE activities (in Gothenburg)



### **Elite Park Avenue Hotel**

Kungsportsavenyen 36,  
411 36 Göteborg

<https://www.elite.se/en/hotels/gothenburg/elite-park-avenue-hotel/>



### **Scandic Rubinen**

Kungsportsavenyen 24,  
400 14 Göteborg

<https://www.scandichotels.com/hotels/sweden/gothenburg/scandic-rubinen>



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# CxC RISE & Science Park Borås

## Recommended hotels during Science Park Borås activities (in Borås)



### Scandic Plaza

Allegatan 3  
501 90 Borås

(really close to the University and at short walk from the bus- and railway station)

<https://www.scandichotels.se/plazaboras>



### Quality Hotel Grand

Hallbergsplatsen 2,  
503 30, Borås

(in the center of town and about 10 minutes walk from the University)

[https://www.strawberryhotels.com/hotels/sweden/boras/quality-hotel-grand-boras/?utm\\_medium=Business\\_Advantage&utm\\_source=Tripadvisor&utm\\_campaign=Business\\_Advantage&utm\\_content=quality\\_hotel\\_grand\\_boras](https://www.strawberryhotels.com/hotels/sweden/boras/quality-hotel-grand-boras/?utm_medium=Business_Advantage&utm_source=Tripadvisor&utm_campaign=Business_Advantage&utm_content=quality_hotel_grand_boras)



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- Exchange duration** 3 days
- Financial support** 475 euros (lump sum; travel expenses)
- Eligible to financing** **a) Cluster organisation and business network organisations:**  
(only once for each organization) cluster organisations and business network organisations that are involved in supporting the enhancement of collaboration, networking and learning in innovation clusters to stimulate innovative activity by promoting or channelling specialised and customised business support services especially to SMEs and/or promoting the sharing of facilities and exchange of knowledge and expertise, in compliance with the coverage of 'innovation clusters' as described in the sections 1.2 and 1.3 and Annex I of the "EU Framework for State Aid for Research and Development and Innovation"
- b) Small and Medium-sized Enterprises:**  
The European Union defines SMEs as enterprises which: 'fulfil the criteria laid down in the Recommendation as summarised in the table below. Besides the staff headcount ceiling, an enterprise will also qualify as an SME if it meets either the turnover ceiling or the balance sheet ceiling, but not necessarily both'
- c) Scaling-up support organisations:**  
include technology centres, research institutes, fab labs, (digital) innovation hubs, creative hubs, resource-efficiency service providers, incubators and accelerators. They comprise any public or private organisations that is providing access to the testing and validation of technologies and concepts, market intelligence as well as business incubation and acceleration support services in relation to the uptake of advanced technology, digitalisation, new business models, low-carbon and resource-efficient solutions, creativity and design and skills upgrading





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