



SUSTAINABLE CHEMISTRY

Organized by

The European Technology Platform for the future of Textiles and Clothing

THE SCOPE

The textile industry depends on many speciality chemicals incl. dyestuffs, inks, finishing agents, auxiliaries and other processing chemicals. Tightening **environmental legislation in Europe** (REACH etc.), in major world markets (e.g. China) and globally, coupled with sustainability, cost and consumer concerns have already banned or otherwise **removed a significant part of conventional textile chemistry from the market** (e.g. azo dyes, flame retardants, C8 and 33 CMR substances) and **further restrictions** are already in the **legislative process** (e.g. C6 chemistry, skin sensitisers...), with **some critical applications not having technically feasible alternatives**. The cost of registration of certain speciality chemicals under REACH are often not justified due to the small size of the EU market, removing further chemical processing options from the European industry. A serious **push into research and development of sustainable** (and where possible bio-based) **alternatives and processes with similar** (or better) **performance characteristics is needed**. Single textile or chemical companies often lack the knowledge and resources to lead these developments and sound textile chemistry competences are increasingly difficult to find in technology centres and universities in Europe.

The objective of this strategic programme is to bring key players from industry, technology, and research around a common table to:

- Assess the technical & industrial **state-of-the-art of sustainable textile chemistry in Europe**;
- Assess the most critical **at-risk chemistry and related processes** for the **EU textile industry** for which action is urgently needed;
- Systematically **map key players** and their capacities at all stages of the textile value chain as well as all enabling chemistry, technology and service providers,
 - Identify **critical knowledge** and **technology gaps**;
 - **Lobby public and private funders** and bring together **collaborative projects with critical mass**;
 - Develop a comprehensive and realistic **European technology roadmap for sustainable textile chemistry**;
- Work closely with **EURATEX**, the **European Commission and the European Chemicals Agency** (ECHA) to provide technical input **to chemical regulation**.

HOW IT WORKS?

- **3-years programme** incl. a 6-months open **exploration phase** and 30-months exclusive **strategy phase**.
- **Exploration phase**: at least 2 workshops to **define scope** and identify/approach all crucial participants. At the end a common **programme** for the next 30 months with **clear milestones** and **deliverables** will be **approved** by all participants.
- **Strategy phase**: **25-50** fixed **members** from industry, technology & research with **exclusive access** to all **meetings**, **documents** and **contacts**.
- **Organisation**: The group work will be organised by the ETP and an internal or externally contracted process leader.
- **Governance**: The Strategic Programme will have a **Governing Board** (1 member per participating organisation) that decides on the strategic direction, the use of resources, the communication policy, the addition of new members in the process, etc.

WHAT IT DELIVERS TO PARTICIPANTS ?

- **Exclusive** access to a focused **European network** of leading companies, brands, technology developers and researchers on **sustainable textile chemistry**
- European technology **state-of-the-art** and foresight intelligence
- Better understanding of business risks related to EU/global chemistry-related legislation and its impact on (future) availability of chemical processing options
- Possibility to shape a technology **roadmap** with impact on **EU research funding**
- Pole position in accessing **EU funding** opportunities for **sustainable textile chemistry**
- European **visibility** for own **technology** competences or **industrial** capacities

HOW MUCH DOES PARTICIPATION COST?

The strategic programme will be financed based on a **crowd-funding** concept, which means that the work will only be launched if and when a **minimum collective** funding has been committed to cover the necessary coordination expenses.

These special contributions are:

For the exploration phase (6 months): € 600.00

For the strategy phase (30 months):

Industry: € 4000.00

Research: € 2000.00

Directly or indirectly*affiliated **ETP members** can deduct their annual ETP membership subscriptions from these special contributions (half annual subscription for exploration phase, 2.5 annual subscriptions for the strategy phase)

**Indirectly members via EURATEX, Textranet, NETFAS and EU-TEXTILE2030*

HOW TO JOIN?

To join this strategic programme, complete the enclosed **subscription** form [here](#) before the **20th July 2020** at the latest. By **end of July 2020** you will be informed if the programme will be launched and in this case you will receive the contributions invoice, the propose schedule for the exploration phase and the list of participating organisations.



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The European Technology Platform for the Future of Textiles and Clothing (Textile ETP) is the largest European stakeholder network to support collaboration and technology transfer in Europe's textile and clothing sector. It brings together industrial companies incl. many SME's from the entire fibre, textile and clothing value chain, research and higher education institutions, associations and cluster organisations as well as technology providers and end of users of fibre and textile-based products. The Textile ETP was founded in 2004 and is based in Brussels