

Textiles of the Future

PARTNERSHIP UNDER HORIZON EUROPE

What is the Textile ETP?

The largest Community of Textile Research & Innovation Professionals in Europe

Objective: ensuring long-term competitiveness of the EU Textile & Clothing Industry through collaborative and market-oriented research & innovation.

- Brussels-based
- Launched as an industry-led initiative in 2004
- Non-profit organisation since 2013
- 4 founder organisations:



200

associated member
organisations from 29
European countries

400

Innovation Hub
subscribers

1500+

connected experts

Our Services



Networking

- In-person conferences and workshops
- Webinars and online events
- Members **community platform**
- E-newsletters
- Social media



Learning

- Thematic **Innovation Hubs** for learning and expert collaboration
- ECOSYSTEX community of practice
- **Think Tank** work on research roadmaps, strategies, position papers
- **EU project results** sharing



EU Funding Access

- Lead organisation of the EU Research **Partnership Textiles of the Future**
- **TEPPIES**: Brokerage system to set up EU projects & finding partners Europe-wide

Textiles of the Future Partnership

The Strategy

Strategic Research & Innovation Agenda

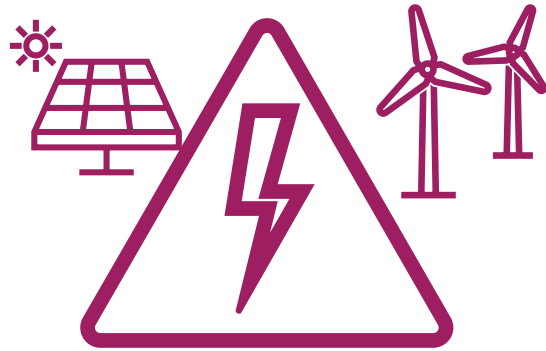
July 2024



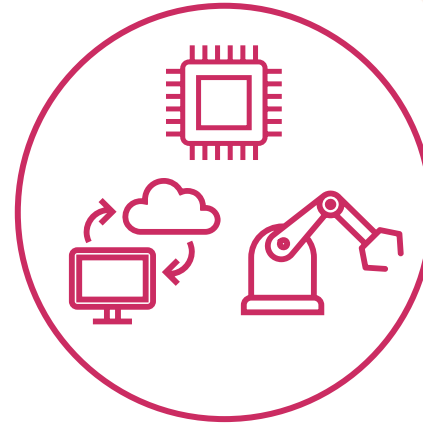
The Green & Digital Industry Transformation



Defossilise & Biobase Materials
& Chemicals



Renewably Electrify Production
Processes



Digitise & Automate Manufacturing
& Supply Chain



Safe & circular products &
new consumer services

No fossil primary
materials



No fossil energy in
production



Produce locally
on demand



Promote sustainable
consumption



Achieve transformation while maintaining industry competitiveness,
innovation leadership and European strategic autonomy

Textiles of the Future Partnership

Key Facts

- ✱ the first ever dedicated **EU Funding Programme for Textiles Research** (under HORIZON EUROPE – Cluster 4)
- ✱ **Co-programmed Partnership** between **EU textile sector & European Commission** – Textile ETP represents the private sector
- ✱ **Total budget: € 60 million** (€ 30 mln EU funding + € 30 mln private sector contribution)
- ✱ **Strategic Research Agenda** (published in July 2024)
- ✱ **Formal Start of Partnership in mid-2025**
- ✱ **Total of 3 calls 2025-27**

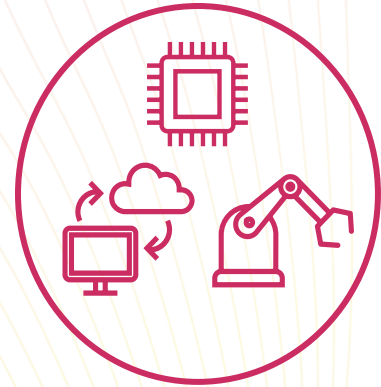
Textiles of the Future Partnership

The Call Topics 2025-27

2025 call topic: Digitally enabled local-for-local textile and apparel production

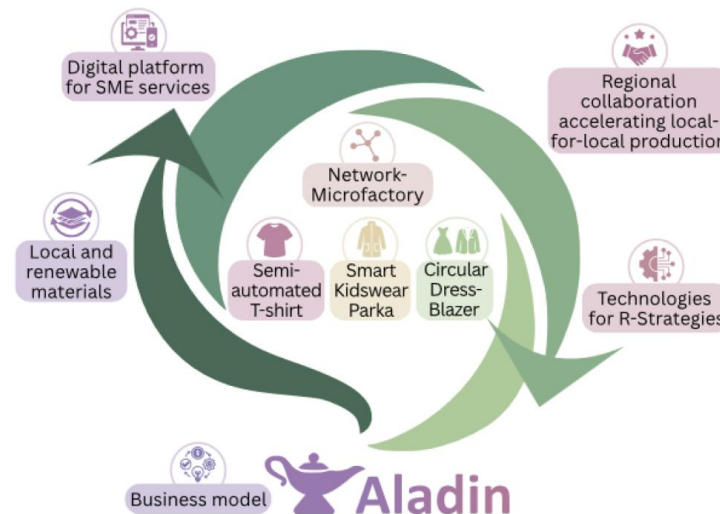
CLOSED

✳ Budget € 10 million, 2 projects funded



INTERWEUVEN

On-demand, Zero-waste Textile-form Microfactories
for Resilient Fashion Futures



Both projects include a cascade funding programme for SME micro-projects

2026 – HORIZON-CL4-2026-02-DIGITAL-EMERGING-51: AI improved advanced manufacturing and production processes in factories (RIA) (Made in Europe and AI, Data and Robotics partnerships)



1st STAGE CLOSED

- * Budget € 30 million, €4-6 mln per project (**incl. 1 project with focus on complex functional and technical textiles**)
- * Expected Outcome:
 - Increased competitiveness and productivity, through innovative **AI-enabled advanced manufacturing processes** and operations, including real-time monitoring and adaptive optimisation; and
 - **Reduction of emissions** and alignment with Clean Industrial Deal objectives
- * Proposals should produce dedicated innovative explainable AI based solutions in advanced manufacturing for at least two of the following:
 - **improve processes and operational efficiency**, and reduce climate and environmental impact of processes and factories through dynamic selection of optimal processes and production parameters, exploiting **AI for process modelling and/or optimisation**;
 - **avoid the production of defective parts** using AI to detect process drift and anomalies and correct proactively defects in real time; and
 - **maximise the fraction of regenerated components or materials** used in the production using AI to optimise the material flow.

2027: HORIZON-CL4-2027-01-MAT-PROD-08: Textile circularity through advanced processing and manufacturing technologies and system approaches (IA)



✱ Budget € 16 million, €4-6 mln per project

✱ Expected Outcome:

- Increased **economically viable and functionally equivalent renewable material and sustainable chemical** solutions used in large scale textile applications, including apparel, home and technical textiles;
- A realistic pathway for an absolute **reduction of the use of virgin fossil-based materials and chemicals** used to produce textile products for the EU market by 2035, contributing to enhance the preservation of human health, biodiversity and ecosystems, whether aquatic or terrestrial ecosystem preservation and emission reduction;
- Uptake of business models and system approaches that allow for the **scale up of sustainable textile material and chemical** alternatives as competitive alternatives to conventional approaches.

✱ Proposals should provide between 10% and 25% of the EU contribution through **financial support to third parties (FSTP)**, in order to maximise the number of SMEs involved in small-scale innovation projects.

2027: HORIZON-CL4-2027-01-MAT-PROD-61: Fast Track to Research and Innovation for breakthroughs in industrial technologies (RIA)



✿ Budget € 20 million, € 2.5 mln per project

✿ Expected Outcome:

- Proposals should describe a credible pathway from their project results and outcomes towards the expected impact of this Destination;
- Proposals should enable open-ended breakthrough innovations in industrial technologies, feeding the pipeline of knowledge.

✿ Scope:

- This is an open topic, intended to cover breakthrough innovations, up to TRL 4, within the scope of the Strategic Research and Innovation Agendas (SRIAs) of the partnerships Made in Europe, Process4Planet, Clean Steel, Innovative Advanced Materials for the EU (IAM4EU) and **Textiles for the Future**. Proposals should carefully describe their expected contribution to one or more of the R&I objectives of the respective SRIA.

Other Textile-specific Call Topics – 2026

Cluster 4

- HORIZON-CL4-2026-02-MAT-PROD-21-two-stage: Development of safe and sustainable alternatives to substances of concern

Cluster 6

- HORIZON-CL6-2026-01-CIRCBIO-02: Advancing recycling technologies for mixed post-consumer textiles waste from blended products
- HORIZON-CL6-2026-01-CIRCBIO-04: Demonstrating and deploying innovative collection, sorting-for-reuse and repair systems for textiles at city/region level (Circular Cities and Regions Initiative topic)

CBE-JU

- HORIZON-JU-CBE-2026-RIA-03: Develop breakthrough and sustainable bio-based textile fibers



TEPPIES Brokerage webinar organised in Feb. 2026
24 project ideas presented

Other Textile-specific Call Topics – 2027

Cluster 4

- HORIZON-CL4-2026-02-MAT-PROD-21-two-stage: Development of safe and sustainable alternatives to substances of concern

Cluster 6

- HORIZON-CL6-2027-01-CIRCBIO-04: Capacity building for extending product lifecycles through repair and refurbishment
- HORIZON-CL6-2027-01-CIRCBIO-05: Innovative circular solutions for end life footwear through collection, sorting and recycling
- HORIZON-CL6-2027-01-CIRCBIO-09: Increasing the circularity of bio based sector: upcycling and recycling for higher value and environmental benefits



TEPPIES call for project ideas launched
Brokerage webinar on 9th October 2026

Textiles ETP Support Services for Proposals & Projects

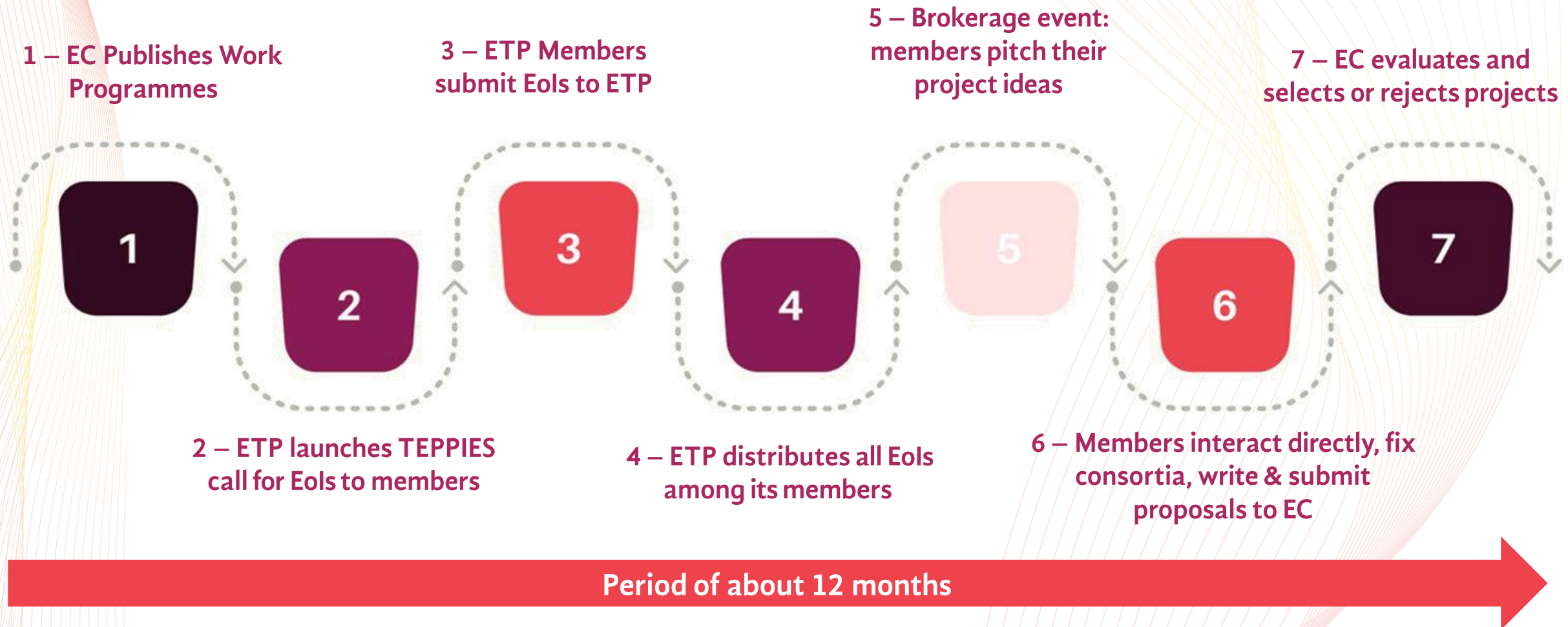
TEPPIES & ECOSYSTEM

Understanding the TEPPPIES Brokerage System

*TEPPPIES – Textile Project Proposal
Information Exchange System*



How TEPPIES works



What is ECOSYSTEX?

The European Community of Practice for a Sustainable Textile Ecosystem

Goal: create a permanent expert community and central knowledge hub for practical application of EU-funded science, technology, and skills development for textile sustainability and innovation

Total projects' budget: 513€ million

Activities:



Interproject
collaboration



Engagement with
policymakers



Dissemination

Key Figures



Launched in
January 2023



96 member
projects



510+ registered
experts



8 working
groups



Bi-monthly
public webinars



Annual
conferences



European Community of Practice for a Sustainable Textile Ecosystem

ECOSYSTEX Conference 2026



Interactive sessions by:

CISUTAC, Circula-TEX, SOLSTICE, FABRIX, JUST FASHION, and CRAFT-IT4SD

Bioeconomy Innovation Strategy for the European Fibres, Textiles and Apparel Industry presentation by Textile ETP

Private tours:

CISUTAC's semi-automated repair station

Fashion & Sustainability Walk through Antwerp by MoMu Fashion Museum

Textile ETP on Tour for ETP & ECOSYSTEX members:

Centexbel, Belgium's leading textile & plastics research centre, in Ghent

Resortecs, a design-led circular technology company, in Brussels



European Community of Practice for a Sustainable Textile Ecosystem



Subcontract ECOSYSTEX's services in your project proposals

	FREE	STANDARD	PREMIUM
Support in writing of your project's dissemination work package	✗	✓	✓
Be featured in ECOSYSTEX Insights Series	Up to 1 time	Up to 2 times	Up to 3 times
Organise an interactive technical session, exhibit project results and have a dissemination slot at ECOSYSTEX Annual Conferences	✗	At 1 conference	At 2 conferences
Cross-project collaboration (<i>i.e. access to technical expert working groups, getting insights into research work and best practices of related projects, support in finding project collaboration partners, etc</i>)	Limited	✓	✓
Dissemination:			
• Intensify dissemination activities by making use of the established ECOSYSTEX platform and information channels	Limited	✓	✓
• Creation of static webpage on www.ecosystex.eu/project-name	✗	✗	✓
Cost	Free	15 000€ lump-sum, invoiced in four instalments	25 000€ lump-sum, invoiced in five instalments



More information on
<https://www.ecosystex.eu/subcontracting-ecosystex>

How to join the Partnership?

- ✱ Become a member of Textile ETP
- ✱ 2 membership options:
 - Associate membership – for larger research & industry organisations (500 €)
 - Networking membership – for SME's & individual researchers/professional experts (200 €)

- ✱ Subscribe online:

<https://www.textile-platform.eu/our-membership-plans>



Thank you for your attention

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Textile ETP



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