



CIRCU-MAT HUB

Project Idea	CIRCU-MAT HUB aims to establish a European innovation hub accelerating the development, validation and industrial uptake of circular and digitally-enabled advanced materials, with a strong focus on textiles, composites and functional materials. The project integrates pilot manufacturing, testing infrastructures and digital tools to support SMEs and industry in scaling sustainable material solutions from lab to pilot and pre-industrial level.
Organization name, town and country	BUTEKOM Bursa Technology Coordination and R&D Center, Bursa, Türkiye
Addressed topic(s)	HORIZON-CL4-2026-01-MAT-PROD-04 – Resource-efficient and circular material solutions



BUTEKOM Bursa Technology Coordination and R&D Center

- Industry-oriented R&D and innovation center specialised in advanced materials, textiles, composites and manufacturing technologies, operating pilot lines and validation infrastructures (TRL 4–7) and acting as a strong bridge between industry and academia.
- Core partner/WP leader for pilot implementation, testing, validation and industry engagement.





CIRCU-MAT HUB



- CIRCU-MAT HUB aims to establish an industry-driven European innovation hub accelerating the development, testing and industrial uptake of circular and digitally-enabled advanced materials, with a strong focus on textiles, composites and functional materials. The project will integrate pilot manufacturing lines, testing and validation infrastructures with digital and data-driven material development tools, providing open access services for SMEs and industrial partners to scale sustainable material solutions from lab to pilot and pre-industrial level. Why it will succeed: the project is built on real industrial demand, uses existing and operational infrastructures, enables fast implementation, and is designed for scalability and replication across European industrial regions.



Competences / type of partners sought

We are looking for partners with the following profiles:

- Research organisations/universities: Expertise in advanced materials, circular material design, functional textiles, composites and material characterisation
- Industrial partners (SMEs and large companies): Active in textiles, composites, functional materials or manufacturing, interested in pilot validation and scale-up of sustainable solutions
- Digital & AI technology providers: Experience in material modelling, process optimisation, digital twins or data-driven manufacturing solutions
- Clusters, innovation hubs and support organisations: Supporting SME engagement, dissemination, replication and exploitation at regional and European level

Expected contribution:

Co-development, pilot validation, industrial use cases, and joint preparation of Horizon Europe RIA / CSA proposals.



Contact details

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