AUDIT INFOGRAPHIC

TEXTILE INDUSTRY

The <u>textiles industry</u> covers a range of activities, in a long and global supply chain, starting from the transformation of fibres into yarns and fabrics and then into final products. The EU textile industry produces added value and creates opportunities for investments and innovation. Competitiveness challenges are linked to an environmental footprint. A key challenge for the green transformation is boosting investments to accelerate sustainability and circularity.

REPRESENTATIVE EXAMPLE OF THE TEXTILE INDUSTRY

<u>CLUTEX</u>, Czech cluster focused on the textile sector, has been chosen as a representative example in the textile industry due to the great activity in R&D and Technological watch experience.

clutex
cluster technical textiles

TECHNOLOGY WATCH EXPERIENCE

CLUTEX has a continuously updated internal database of annotations of articles from selected domestic and foreign periodicals, currently approx 50,000. annotations.

TYPES OF SOURCES USED

Technology news, Scientific articles, Official bulletins, Reports or attendance at fairs and events

CRITICAL WATCH FACTORS

After analyzing emerging technologies in the sector, key trends and challenges and CLUTEX's research directions, the following CWFs are the defined:

- SUSTAINABLE MATERIALS
- SMART TEXTILES
- SUSTAINABLE TEXTILE PRODUCTION
- TEXTILE RECYCLING TECHNOLOGIES
- ENVIRONMENT OF THE TEXTILE SECTOR

INFORMATION SOURCES

These are some of the sources of information identified through the information audit

Textilegence	Vlákna a Textil	Atok revue
Textile Research Journal	Colouration Technology	Newsletter Eurolab
AATCC Journal of Research	Textil Plus	APPLIA
International Dyer and Finisher	European technology Platform (ETP)	European Textile Technology Centre, CTT
WTiN channel	APAČ Informátor	ECHA

AUDIT INFOGRAPHIC

FURNITURE SECTOR

The furniture industry, primarily comprised of small and medium-sized enterprises (SMEs) and micro firms, is characterized by labor intensity and dynamism. European manufacturers are globally renowned for creative designs, adaptability to new demands, and the integration of technology and innovation with cultural heritage, creating employment opportunities for highly skilled workers.

REPRESENTATIVE EXAMPLE OF THE FURNITURE INDUSTRY

CETEM has been chosen as a representative example in the furniture sector due to its outstanding expertise in technological watch and strategic implementation of innovations within the industry.

ceTEM

TECHNOLOGY WATCH EXPERIENCE

CETEM has extensive experience in technological watch, anticipating changes, innovating strategically, and staying competitive. Using TW software, it issues internal and external newsletters, fostering adaptability and continuous innovation.

TYPES OF SOURCES USED

Technology news, Scientific articles, Newspapers, Official bulletins, Reports or attendance at fairs and events, Patents, R&D Projects information, business directory etc.

CRITICAL WATCH FACTORS

After analyzing emerging technologies in the sector, key trends and challenges and CETEM's research directions, the following are the defined CWF:

NEW MATERIALS	ELECTRONICS AND ENVIRONMENTAL INTELLIGENCE	INDUSTRY 4.0
CIRCULAR ECONOMY AND VALORIZATION	ENVIRONMENT OF THE FURNITURE SECTOR	DESIGN TRENDS

INFORMATION SOURCES

These are some of the sources of information identified through the information audit

Residuos Profesional	TechCrunch	Techexplore
Trendhunter	Yanko Design	European Coatings
Green Biz	Printed Electronic World	World Furniture Info
BedTimes Magazine	Materials Today	Smart Green Post
New Atlas	Universal Robots Blog	Furninfo

AUDIT INFOGRAPHIC

FOOTWEAR INDUSTRY

The European <u>footwear industry</u> is made of diverse products and industrial processes. The European Commission works to promote the innovation and competitiveness of companies in the field and to combat counterfeiting, while protecting consumer health and the environment.

REPRESENTATIVE EXAMPLE OF THE FOOTWEAR INDUSTRY

<u>CTCP</u> supports the footwear cluster. It was chosen as a representative example in the footwear sector due to its outstanding expertise on the technology watch and strategic implementatrion of innovation within the industry.

ctcp

TECHNOLOGY WATCH EXPERIENCE

CTCP has over 2 decades of experience on Technology Watch related to the Footwear Industry. This is part of our mission, innovating strategically, understand the potential of the technologies for the industry, investigate and experiment and then transfer the acquired knowledge to the companies.

TYPES OF SOURCES USED

Technology news, Scientific articles, Newspapers, Official bulletins, Reports or attendance at fairs and events and Patents

CRITICAL WATCH FACTORS

After analyzing emerging technologies in the sector, key trends and challenges and CTCP's research directions, the following are the defined CWF:

INDUSTRY 4.0	SUSTAINABLE DESIGN, MATERIALS AND PRODUCTS

RECYCLING PROCESSES AND CIRCULAR ECONOMY	ENVIRONMENT OF THE FOOTWEAR SECTOR	CUSTOMER DEMANDS AND TRENDS

INFORMATION SOURCES

These are some of the sources of information identified through the information audit

Footwear Science	World Footwear	Robótica
Footwear News	All3DP	Automate
Just Style	Design World	Automation World
Material District	Leatherbiz	Eletronic Design
Footwearbiz	3D Natives	Robotics 24/7
	World Leather	