

## Outlook 2025: A New Year of Innovation with Dornbirn GFC! Four Unmissable Highlights to Ignite Your Year!

Warm greetings as we welcome the start of a new year filled with opportunities and innovation!

As a leading platform for knowledge exchange, research, and innovation in the fiber industry, Dornbirn GFC is set to (co)-host a series of expert-driven events in 2025. These four key events will showcase groundbreaking advancements and foster global collaboration:

- **Dornbirn GFC ASIA / Korea**  
In collaboration with DYETEC, KOFOTI, and Textile TechForum, this event will take place on **3<sup>rd</sup> & 4<sup>th</sup> April 2025** at the **Busan Exhibition and Convention Center (BEXCO), Busan, South Korea.**
- **CRETE 2025 International Conference**  
Organized together with the **Technical University of Crete**, this conference will run from **27<sup>th</sup> to 31<sup>st</sup> May 2025** in **Chania, Greece.**
- **64th Dornbirn GFC & 5th Innovation Days**  
Join us for the flagship event from **10<sup>th</sup> to 12<sup>th</sup> September 2025** in **Dornbirn, Austria**, showcasing cutting-edge research and innovation.
- **Dornbirn GFC ASIA / India**  
In partnership with **Techtextil India 2025**, this event will be held on **18<sup>th</sup> November 2025** in **Mumbai, India.**

Join us in shaping the future of the fiber industry through these transformative gatherings.

## Dornbirn GFC ASIA / Korea

### Key facts:

- ✓ **3 – 4 April 2025, Korea, Busan Exhibition and Convention Center (BEXCO) Busan BEXCO Exhibition Center**
- ✓ Call for Papers: Deadline: 31<sup>th</sup> of January 2025: [office@dornbirn-gfc.com](mailto:office@dornbirn-gfc.com)
- ✓ [www.dornbirngfc-asia.com](http://www.dornbirngfc-asia.com); [www.dornbirn-gfc.com](http://www.dornbirn-gfc.com)

The 4<sup>th</sup> Dornbirn GFC-ASIA 2025, co-organized by the **Dornbirn GFC**, **DYETEC**, **KOFOTI** and Textile TechForum in Korea, will be held on April 03<sup>rd</sup> and 04<sup>th</sup> 2025 at the Busan Exhibition and Convention Center (BEXCO) in Busan, South Korea as a 2 day On-Site event. The two days international conference will consist of plenary lectures, oral presentations and culture event for foreigners.

From the reputation as a world class beautiful city of tourism and culture, we welcome you to the 4<sup>th</sup> Dornbirn GFC-ASIA 2025. To present furthermore the most important developments and findings, we kindly invite you to submit your lecture proposals for 2025 program.

### Main topics:

- Strategies and Policy of Textiles Industry R&D and Market Trends
- Fiber Innovations
- Circular Economy and Sustainability
- Functional and Smart Textiles
- Nonwovens and Composites

Please until 31<sup>st</sup> of January 2025 submit your proposal to: [office@dornbirn-gfc.com](mailto:office@dornbirn-gfc.com)

Send a title and abstract and be part of the innovation platform in Korea.

## CRETE 2025 International Conference

### Key facts:

- ✓ **27 – 31 May 2025, Crete, Greece**
- ✓ Call for Papers: Deadline: 31<sup>th</sup> of January 2025
- ✓ <https://hwm-conferences.tuc.gr/>

The 8<sup>th</sup> International Conference on Industrial and Hazardous Waste Management will be held from 27 to 31 May, 2025 in Chania, on the beautiful island of Crete in Greece. CRETE 2025 is organized by the Technical University of Crete, Vienna University of Technology, Nanyang Technological University, Tsinghua University of Technology, Austrian Fibers Institute (Dornbirn GFC), Korean Basel Forum and the University of Stavanger.

CRETE 2025 will once again include an extended spectrum of topics, in order to allow a holistic approach of industrial and hazardous waste management and create an appealing, interesting and riveting Conference program. This time a focus on recovery potential and processes will be pursued. The renewed CRETE 2025 Organizing Team is working on new ideas and events, in order to make the upcoming Conference even more successful, always counting on your high quality contributions and presentations.

Dornbirn GFC invites you to be part of this future-oriented conference in one of the most beautiful hotels: <https://www.minoapalace.gr/>

### Main topics:

- Industrial waste production and characterization
- Producer responsibility and legislation
- Waste management and treatment options
- Design and operation of treatment plants & disposal sites
- Recovery potential and processes, Toxicological and safety aspects

### Special issues:

- Textile sector contamination: regulation, collection, recycling, etc.
- Renewable energy plants: waste management and site restoration
- Explosives-contaminated soil and water: characterization and remediation
- Mines: treatment of mine residues and site restoration
- Natural catastrophes: effects on the environment, impact, waste management
- Plastics
- Perfluoroalkyl and Polyfluoroalkyl substances (PFAS)
- Surface water, groundwater and ocean contamination / remediation
- Energy reduction and recovery concepts – waste to energy

### SPECIAL CALL FOR ABSTRACTS

Natural catastrophes such as hurricanes, earthquakes, floods and wildfires profoundly affect our environment, economies and communities. Addressing these challenges requires innovative approaches to understanding their impact and devising sustainable solutions for recovery, including waste management strategies that mitigate long-term environmental damage. CRETE 2025 is focusing on natural catastrophes, making a special call on the submission of abstracts exploring their multifaceted effects.

Call for abstract submission will be open until **31<sup>st</sup> January 2025**.

Authors are invited to submit an extended abstract of at least one, but no more than two full pages, in English, using the online submission system, available at CRETE 2025 official website, according to the provided guidelines.

## 64<sup>th</sup> Dornbirn GFC & 5<sup>th</sup> Innovation Days

### Key facts:

- ✓ **10 – 12 September 2025, Dornbirn, Austria**
- ✓ Call for Papers: Deadline: 14 February 2025
- ✓ <https://www.dornbirn-gfc.com/de/home>

The Dornbirn GFC is inviting **researchers, experts, manufacturers, and practitioners** to submit papers for the 64<sup>th</sup> edition, taking place in September 2025. This congress offers a platform to present cutting-edge research and innovations that will shape the future of the fiber and textile industries.

**Submissions possible until 14<sup>th</sup> of February 2025!**

We welcome submissions on the following topics:

### 1. Work- & Protective Wear, Defense

This session will explore the growing need for lightweight, high-performance materials that provide enhanced protection against hazards such as heat, flames, electric arcs, nuclear, biological, chemical, and ballistic threats. Contributions can focus on:

- **Smart textiles providing** real-time data for first responders (e.g., firefighters, soldiers, police, industrial workers)
- **Flame-resistant fabrics** for multi-risk environments, combining protection with flexibility and comfort
- **Sustainability in production, eco-friendly materials, and recycling innovations** for workwear and **protective apparel**

### 2. Carbon Stewardship: Harnessing Biomass, Recycling & Capture for a Sustainable Future

This session will cover circular economy strategies aimed at reducing the carbon footprint in the fiber and textile industry. Topics of interest include:

- Use of **sustainable biomass in textile production**
- **Innovations in post-consumer textile recycling** and **chemical recycling methods**
- **Carbon capture technologies** integrated across the value chain
- Development of **carbon-negative materials** and large-scale implementation of circular systems

### 3. Fiber Innovations: From Production to Application

This session will bring together fiber producers, processors, and end-users to discuss cutting-edge fiber technologies. Submissions are encouraged on:

- **Biopolymer & Natural Fibers:** Innovations in bio-based polymers and natural fibers for textiles, packaging, and industrial applications, focusing on performance, sustainability, and scalability
- **Textile Processing & Application:** Advances in textile production techniques, dyeing technologies, and sustainable finishing processes that reduce environmental impact
- **Nonwoven Processing & Application:** Innovations in nonwoven technologies for applications in filtration, hygiene, medical textiles, and construction, with an emphasis on sustainable production methods

### 4. Cross-Industry Session

This session aims to foster collaboration between the textile industry and other sectors. Topics of interest include:

- **Energy Transition:** Strategies for integrating renewable energy and improving energy efficiency in textile production, with case studies on solar, wind, and bioenergy adoption
- **Pulp, Paper & Packaging Innovations:** Developments in sustainable cellulose-based fibers, the integration of recycled paper into fiber solutions, and advances in eco-friendly packaging material. Development of cellulosic and synthetic-based fibers, integration of recycled materials into fiber solutions, advances in environmentally friendly packaging materials.

Join us at the **Dornbirn GFC 2025** and contribute your insights on these forward-thinking topics. Help shape the future of the fiber and textile industries with your innovative research and ideas!

Please contact our conference office about your questions. Mrs. Sonja Spöcker:  
[office@dornbirn-gfc.com](mailto:office@dornbirn-gfc.com); Information: [www.dornbirn-gfc.com](http://www.dornbirn-gfc.com)

## Dornbirn GFC ASIA / India

**Key facts:**

- ✓ **18 November 2025, Bombay, India**
- ✓ In cooperation with Techtextil India (19. – 21. November)
- ✓

Details will be announced soon, but the spotlight will undoubtedly be on cutting-edge fiber innovations and transformative solutions for sustainability. Stay tuned for updates on how this event will shape the future of the industry!

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