



Sustainability, functionality and digitalisation at TITAS 2022

- 367 exhibitors from 10 countries with 896 booths
- More than 41 brands from 10 countries with 400 online and offline business meetings
- Integrate physical and virtual as a hybrid event, TITAS went beyond all limits to maximise business prospects

The 2022 Taipei Innovative Textile Application Show (TITAS) came to a successful close on 14 October 2022. A hybrid event, TITAS was a three-day physical exhibition that ran from 12-14 October. TITAS Virtual then ran for another month online, helping exhibitors reach more buyers and expand business opportunities.

TITAS adopts various digital technologies to create a digital, interactive and intelligent exhibition format. The technologies include TITAS VR Online exhibition hall, TITAS Online Show, TITAS Live Stream, 3D Hologram Hybrid Booth, Intelligent Manufacturing Interactive Immersive Space. The implementation of these technologies not only maximised business prospects, but also enhanced visitors' exhibition experience.

In total, TITAS showcased innovations from 367 international exhibitors across 10 countries, including Taiwan, the United States, the United Kingdom, Switzerland, Sweden, Italy, Japan, South Korea, China and Hong Kong with almost 900 booths. The physical event saw over 33,000 visitors through its doors during the three-day exhibition and TITAS Virtual saw almost 37,000 visitors from across the globe.

Innovation and sustainability were the key overarching themes powering TITAS 2022. The exhibition's scale exceeded that of TITAS 2020, bringing together leading textile industry players and 24 textile associations and research units. The grand event showcased the strength of innovation and research in Taiwan's textile industry and demonstrated its cohesion.



Key themes

This year, TITAS continued to promote five core themes: Sustainability, Functional Applications, Personal Protection Equipment, Smart Textiles and Intelligent Manufacturing. Sustainability though, was the critical message of the event as it is the core of the industry's future development. The highlights include:

Far Eastern New Century focuses on sustainability with its most recent textile innovations. Among these innovations was the FENC® TOPGREEN® rTEX Spun Yarn. This yarn is made from textile waste from the factory floor. The result is a 100% recycled pre-consumer polyester and 100% recycled preconsumer cotton yarn that is free from any chemical treatment.

Formosa Chemical & Fibre Corporation (FCFC) used chemical dispersion technology to mass produce recycled nylon 6 chips, particularly on waste fishing nets and oyster ropes. FCFC has adopted recycling technology at marine debris cleanup areas to chemically extract recycled CPL with quality similar to that of newly-produced CPL.

Formosa Taffeta launched a new generation of eco-friendly fabric - bio-based fabrics, including Bio-Nylon 56, Nylon 410 and Nylon 11. These three types of biomass nylon are all produced from biomass materials refined from plant matter instead of traditional petroleum-derived raw materials.

Eclat Textile launched innovative eco-friendly fabrics under its new value proposition "Materials with purpose", as it continues to grow in to the activewear sector. The company's Primefit Zero material is a stretchy textile with a fine furrow structure composed of highly compressed strands of flexuous yarns. The material maximises stretch capabilities and inhibits the loss of elasticity for a longer life cycle. It is also 100% recyclable.

With net zero carbon emissions in mind, LIBOLON (Lealea Group) has developed a green circulation concept using an economical circular water system, green recycling fibre products such as its RePET® eco-friendly polyester recycled yarn and its ReEcoya® recycle dope dye yarn. LIBOLON has also expanded the production of BOPA (biaxially oriented polyamide) for materials in the electronic and functionality film industry.

Shinkong Synthetic Fibers also focused on sustainable topics. Amongst its offering at the event was its yarn made from recycled garments. Using specialized technology, Shinkong is eliminating textile waste by taking garments, (that would otherwise have gone to landfill or be burned), back to the material stage to elongate the yarn lifecycle. The company also showcased its biodegradable polyester yarn and is working on initiatives to develop its carbon neutrality.

Zig Sheng says its sustainable yarn lowers manufacturers' carbon footprint. Its Netup nylon, made from recycled fishing net, Revert nylon, a low-carbon recycled yarn which turns nylon waste into nearly 2,400 tons of yarn every year, and its high flexibility, low fibre-shedding yarn, Soufflex are great ways to improve environmental footprints.

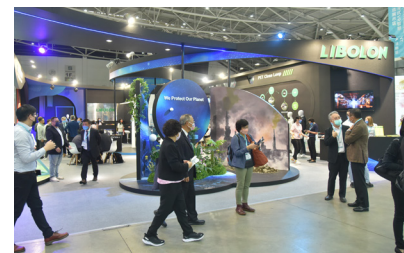
Yi Shin says it is dedicated to developing environmentally friendly biodegradable materials, including biomass yarn Magic BIO from agricultural waste, Magic CAC from sustainable forest farms, and Magic BEC - a decomposable material for improving environmental pollution. The company actively participates in carbon reduction actions and starts carbon inventory related operations.

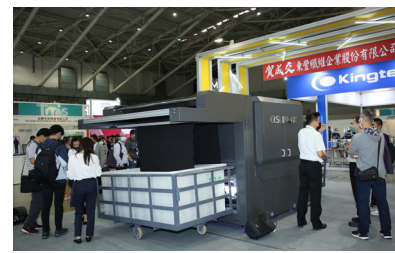
New Wide Group aims to reach the "Science Based Target (SBT)/1.5°C target expects to obtain the verification by the end of 2023. The company's digital "Intelligent-manufacturing Data

Control Centers (IDCC)" have been set up at factories in China and Vietnam to track production and performance data in real-time with the aim of achieving an efficient, smart and sustainable production process. Phuoc Dong New Wide (Vietnam) purchased I-REC (International Renewable Energy) verified energy to fulfill RE100, 100% renewable energy.

Everest Textile exhibited after its completion of its transformation to a low-carbon economic model through the circular economy and energy transformation. This not only improves the efficiency of the company's original production equipment, but also further builds on its solar energy and smart grid manufacturing. Everest develops innovative high-performance and sustainable fabrics, including carbon capture, bio-based, recycling and bio-based composite PET high performance products.

Tex-Ray – a company dedicated to research and development, especially in smart textiles and functional, antimicrobial and





sustainable materials – showcased its latest innovations. These included the company's patented high-resolution and environment-friendly printing technology HD ECOPRINT. This is a revolutionary eco-dyeing process Ecoloration technology. The company also exhibited its TFresh Antimicrobial Materials Series, amongst other technologies.

OSHIMA Taiwan has developed the first truly capable domestic AI fabric inspection machine. OSHIMA EagleAi which can master knitted and stretched fabrics while simultaneously maintaining fabric tension within 2%. The technology averages an overall accuracy rate of more than 90%, an accuracy rate of 94% and a recall rate of 86%. The biggest advantage, however, is that the technology can detect over 70% of unfamiliar fabrics in four hours or less, even without prior fabric data input.

Educational sessions deliver innovative technology

TITAS held a number of forums and seminars related to circular textiles and sustainability. It saw both local and foreign experts discuss issues relating to the circular economy in the textile sector as well as textile technologies. In addition to the Circular Textiles Forum "Taiwan Textile Industry on Its Way toward a Circular Future", there were also 11 professional seminars on textile technologies that share technical industry knowledge. In addition, TITAS 2022 saw 10 product launch activities and fashion shows presented by Taiwan Paiho and Cotton Council International, among others.

Connecting Taiwan to the world

The Covid-19 pandemic caused international exhibitions and networking opportunities between buyers, suppliers and innovators to stagnate. In a bid to improve buyer-supplier communications, TITAS invited more than 41 brands from 10 countries to conduct hundreds of online and in-person meetings with exhibitors. Buyers came from countries such as the US, Canada, Germany, Italy, Japan and South Korea. This season's procurement focused on multifunctional woven and knitted textiles that combine sports, outdoor leisure, fashion, household use, baby strollers and competition use. These sought-after materials boast properties including moisture-wicking, waterproof and moisture-permeability, anti-UV, far-infrared, insulation and temperature regulation, deodorization, antibacterial, antifouling and high strength and wear resistance properties.

The next edition of the annual show, TITAS 2023, will be held in Hall 1 of the Nangang Exhibition Center from October 17-19, 2023. We Sincerely welcome you to visit this fantastic exhibition.



Facts & figures of TITAS 2022

Exhibitors

Distribution	Company	Share %	Booth	Share %
Domestic	347	94.6%	857	95.6%
Overseas	20	5.4%	39	4.4%
Total	367	100%	896	100%

Exhibits

Product Category	Company	Share %
Apparel textiles	110	30%
Trimmings	63	17%
Fibers, filaments & yarns	44	12%
Textile machinery & sewing equipment	43	12%
OEM & ODM for apparel & accessories	37	10%
Upholstery & industrial textiles	33	9%
Dyestuffs & auxiliaries	7	2%
Textile inspection & certification	3	1%
Textile-related services	27	7%
Total	367	100%

Visitors

Distribution	TITAS		TITAS Virtual	
	Visitor	Share %	Visitor	Share %
Domestic	32,374	98%	10,767	29%
Overseas	596	2%	26,157	71%
Total	32,970	100%	36,924	100%

Purchasing Products

Product Category	Share %
Textiles for clothing use	25%
-Functional fabrics	12%
-Fashionable fabrics	5%
-Fibers	4%
-Yarns	4%
Ready to wear & sweater	20%
Industrial textiles	20%
Accessories	13%
Textile machinery & sewing equipment	4%
Upholstery textiles	3%
Nonwoven textiles	2%
Trimmings	2%
Inspection & certification	1%
Others	10%

Top ten country for visitors

1.Taiwan
2.U.S.A.
3.China
4.Hong Kong
5.Vietnam
6.Canada
7.Japan
8.Singapore
9.India
10.Germany & Sri Lanka



**TAIPEI INNOVATIVE
TEXTILE APPLICATION SHOW
2023 台北紡織展
OCTOBER 17-19**

The 2023 Taipei Innovative Textile Application Show (TITAS) is a hybrid event. The physical exhibition will be held in Hall 1 of Nangang Exhibition Center from 17-19 October, 2023. TITAS Online Show will run for four waves of core themes "Functional Applications, Sustainability, Intelligent Manufacturing and Online Trend Zone, helping exhibitors reach more buyers and expand business opportunities. This grand event will showcase the strength of innovation and research in Taiwan's textile industry .

Focus:

- Sustainability
Adopting eco-friendly materials and processes to achieve zero discharge of hazardous substances
- Functional applications
Applying multifunctional textiles to a modern lifestyle across sports, outdoor, fitness and wellness
- Intelligent manufacturing
Adopting hi-tech automation systems and solutions to enhance production efficiency

Highlights:

- 350+ exhibitors from around the globe
- 33,000+ visitors in-person

Exhibits:

Fibres, filaments, yarns, fabric, apparel, trims, accessories, dyestuffs and auxiliaries, sewing equipment, textile machinery, textile-related technology and services

Participation Fee:

Standard Booth (9m²) : US\$3,300

Raw Space (9m²) : US\$3,000 (Minimum 18m² required)

Contact person: Mr. Jimmy Hsu, jimmyhsu@textiles.org.tw

To find out more,
visit: www.titas.tw

