

Introduction to Chemical Management in the Textile Industry, aimed at manufacturers and suppliers. The first training programme will begin in February in various countries such as Bangladesh, India, Italy, Turkey and Vietnam. With time, the academy will expand by including additional courses and e-learning possibilities. The online platform offers the ability to organise and administer tailor-made chemical management training modules, and incorporates brand specific requirements. With time, the academy will expand by including additional courses and e-learning possibilities.

Teejay first to develop green fabric in Sri Lanka

Sri Lankan textile major Teejay has become the first company in the country to produce green fabric. In a bid to create carbon neutral products, Teejay has associated with Carbon Consulting Company (CCC). The association will calculate footprint of a selected range of their fabrics. This sustainable initiative is one of its long term goals.

Beginning with this green initiative, Teejay intends to implement the concept of sustainability in all areas of its business. Since last six years, Teejay has been working with world's best offset retailer Natural Capital Partners to balance the carbon emissions from its production. Meanwhile, together with one of the leading Apparel Groups in the Island and their client, UK's Marks & Spencer (M&S), it is also trying to quantify and control carbon emissions from a garment produced using CarbonNeutral fabric from Teejay's Spring / Summer 2017 collection, according to Sri Lanka media. Teejay has already completed the calculation of carbon footprint for one of its garments, including fabric and raw materials, production and transportation process. The company in association with CCC will now focus in the next phase which will focus the areas of retail, distribution and consumer use and disposal phases of the garment.

TPF2017 textile printing fair to take place in Shanghai

TPF2017, the Shanghai international digital printing industry fair to be held from April 19 – 20, 2017, will focus on the latest industry trends, print technology developments, inks and more. It will promote industry development and create a platform for digital printing machinery, supplier and users to exchange techniques and seek business opportunities.

TPF was launched in 2009 by SUNEXPO. With six-year successful operation, it has evolved into an important gathering for the

digital textile printing sector and related industry professionals. In 2015, TPF was acquired by UBM Asia. The UBM Asia and CSTPF teams are working in close collaboration with each other and the industry to build the most influential and authoritative international exhibition in the field of digital textile printing.

International buyer delegations from all over the world will converge at the fair. Exhibitors will get an opportunity to gain more insights about overseas demand and expand their business. Buyers from Italy, Spain, England, India, Korea and other countries are likely to visit the event.

Additionally, the World Textile Information Network (WTIN), in association with the TPF2017 will organise 'WTIN China Digital Textile Conference (CDTC)'. It will provide insights into the unique creative business opportunities provided by digital textile printing technology, and into the supply chain advantages of digital printing over traditional analogue methods. The speaker's lineup for the conference has more than 18 experts and leaders of textile digital printing industry. Nearly 250 industry elites will gather to witness the development of digital printing industry.

Medical textiles market is expected to reach USD 20.23 billion by 2022

The global medical textiles market is expected to reach USD 20.23 billion by 2022, according to a new report by Grand View Research, Inc. The rise in the number of elderly population, ongoing technological advancements and increase in health consciousness are fueling the growth of global medical textiles market.

Burgeoning health concerns necessitating the criticality of awareness for better healthcare practices coupled with rising disposable income are expected to augment the demand for medical textiles. Growing medical & hygiene sectors and health conscious population of the developing economies are projected to drive the demand for medical textiles market over the forecast period.

The non-woven segment is expected to grow at a CAGR of over 5.0% from 2015 to 2022. Nonwoven fabrics are used in the myriad of applications extending from wound dressings, adhesive tapes, cotton pads, disposable surgical clothing, bandages (simple bandages, light support bandages, orthopedic bandages). Non-implantable goods accounted for over 30.0% share of the global medical textiles market. Increasing incidence of injuries is fueling the demand for medical textiles in non-implantable goods segment. Demand for medical textiles in Europe was over USD 4.2 billion in 2014. Germany is a major country involved in the foreign trade of medical textiles.

company replaced eco-cotton with Lenzing's Tencel fibres. Lyocell fibre is based on wood, a raw material that does not have the ecological disadvantages of fibres made from agricultural crops.

The company has recently exhibited its range of smooth products and lace goods at Interfilière 2016 in Lyon, and had many conversations there on the subject of environmentally friendly textiles. "Tencel is really a hot topic right now," explained Reiner Luckhardt. According to the Sales Director of LE Textile, the fabrics produced by his company have already been very well received by clothing manufacturers, and the lingerie sector is now also following suit.

Nigerian govt allocates N51bn to garment industry

The Government of Nigeria has allocated N51 billion (\$162.034 million) in this year's budget for development of the country's garment and textile industry. The budget allocation is part of the Nigerian government's efforts to promote the garment and textile sector to create jobs, diversify its economy, and to increase the use of 'Made in Nigeria' clothing.

"The ministry has allotted over N51bn in the 2017 budget just to promote our garment industry, because we know it is an area where we have to get it right. And so, out of the six special economic zones, three will be for textiles," minister of state for industry, trade and investment, Aisha Abubakar said at the opening session of a workshop organised by the Bank of Industry (BoI) for garment operators in Abuja.

The minister said that the government understands the importance of the garment sector in creating jobs and reducing poverty. She added that the government was working hard to support the industry through massive investment in infrastructure, which would help bring down the price of cotton, according to Nigerian media reports.

Waheed Olagunju, acting managing director of BoI, said the bank has set up a N1 billion (\$3.177 million) fund for the textile sector. Loans are given out from this fund at nine per cent interest rate and payable between three to five years, with a moratorium period of six to 12 months.

New technology for production of BCF yarn from recycled PET

Whereas glass was the main material for bottles in the last century, producers and consumers more and more favoured

PET – polyethyleneterephthalate – since the late 1980s. These "polyester" bottles come with the distinctive advantages of being lightweight and almost unbreakable. However, the success generates the new challenge of coping with billions of discarded bottles each year, Dr Lassad Nasri, Senior Manager Technology and Product Management, Trützschler Switzerland AG, explained. Trützschler and EREMA, a leading solution supplier in the area of plastic recycling systems and technologies, have worked together to develop a one-step system for pre-processing and spinning polyester flakes into Bulk Continuous Filament (BCF) for carpet applications.

The combination of EREMA's and Trützschler's systems is said to allow for producing distinct BCF yarns with high efficiency, excellent process stability and low transformation costs, fulfilling market requirements when using 100% R-PET flakes or mixtures of flakes with virgin material.

Uzbekistan aims to process all locally produced cotton. Uzbekistan, a major cotton producing country has set a task to process all cotton produced in the country into textiles by 2020, as against 40 per cent of the cotton that is processed currently, and just 7 per cent in 1991. As of date, the country exports textiles to over 50 countries and more recently has begun exports to Nigeria, Croatia, Chile and Brazil.

According to Uzbek media reports, of overall textile exports, yarn shipments account for nearly 50 per cent, which will be gradually replaced with value added textile products.

In order to achieve the goal, the country plans to invest around \$2.2 billion, half of which the country expects to come from foreign investments. There is also a plan to build textile complexes, which will house facilities beginning from spinning till processing of fabrics.

The plan is to also create 27,000 new jobs through these investments, while also upgrading 10 existing textile mills.

ZDHC launches online chemical management academy

The Zero Discharge of Hazardous Chemicals (ZDHC) Foundation has launched an online academy for chemical management. This academy enables brands and manufacturers to receive certified training to improve their knowledge and practice of responsible chemical management. The ZDHC Academy will provide accredited training modules in up to 20 countries.

The release of the portal for ZDHC chemical management training is significant for the ZDHC programme as it shifts its focus from the development of tools to implementation. The ZDHC academy is currently offering its first course, an



World Textile News

China's pain, Italy's gain: Textile buyers turn to West

International textiles buyers are increasingly switching away from China and back to Western suppliers, as rising labor, raw material and energy costs make the world's dominant producer more expensive. China remains a world leader in textiles: employing more than 4.6 million people, contributing a tenth of GDP and with exports, including apparel, of US\$284 billion in 2015, according to data from China's National Bureau of Statistics, the Ministry of Industry and Information Technology and the China Chamber of Commerce for Import and Export of Textile and Apparel. However, wages in China have been rising at an annual compound growth rate of more than 12 percent, outpacing the economy, and are simply no longer cheap enough to compete just on price.

China's textiles sector also faces increasing costs of inputs, such as cotton and wool, hefty import taxes for basic manufacturing equipment and costlier environmental rules.

The government's five-year plan for textiles, released in September last year, acknowledged that higher costs are weakening its international advantage and it faces a "double whammy" from developed countries — like Italy — with better technology and developing countries with lower wages. The labor cost gap between Italian and Chinese yarn narrowed by about 30 percent between 2008 and last year to US\$0.57/kg from US\$0.82/kg, International Textile Manufacturers Federation data showed.

The hourly wage for a Chinese weaver last year was US\$3.52, the federation said, up 25 percent since 2014, though still a fraction of the more than US\$27.25 paid in Italy, an increase of 9 percent over the same period.

Brückner to show new technologies at INDEX 2017

Brückner, Germany's leading producer of finishing and thermal treatment lines for the nonwovens and textile industry, is set to show its new products and technologies at the INDEX 2017, a leading nonwovens exhibition, where senior industry professionals seek competitive insights, from April 4 to 7, 2017, in Geneva, Switzerland.

In the nonwovens sector the Brückner portfolio comprises all types of application systems, thermal treatment lines, dryers as well as cutting and batching units. On the occasion of this year's INDEX trade fair in Geneva, Brückner wants to present their customers and prospective clients the new developments and improvements in the field of belt dryers, a type of dryer which gained compared to conventional drum dryers more and more acceptance in the last years.

Tencel offers strong textile solution for environment

Sustainable textile products are becoming more and more important, as illustrated by the business growth achieved by eco-conscious manufacturers. For some time now, environmentally aware manufacturers have frequently been concentrating on products having a green label.

LE Textile GmbH is a pioneer in the production of stretch warp-knitted textiles made from Tencel yarns, which has been developing a knitted fabric made from ecologically grown cotton since 2006, and has incorporated the elastomer, Dorlastan V550, to give the fabric elasticity. Later, in 2014, the

saying that the US had banned imports of Persian carpets as well as their re-exports to a third country. In October 2016, Hamid Kargar, head of the Iran National Carpet Center, had said that the exports of hand-woven carpets to the US had reached around \$50 million since the removal of sanctions in January. This followed earlier reports that the exports of the prized Persian carpets to the world's largest consumer market were getting a boost from the lifting of the sanctions.

WCO asks Iran customs to share its technology

World Customs Organization (WCO) asked Iran customs to export its electronic technology to other countries.

World Customs Organization publish a new report on the process of implementing window of the overseas trade unit and Iran electronic customs in which were applauded and asked Iran to send this technology to other countries.

World Customs Organization in this report notice to some reforms which have taken effect in Iran customs and said it is better that Iranian customs shares this information with other customs as the best way for customs modernizing.

These reforms are including paperless clearance, providing online counselors and other issues.

Iran welcomes deepening ties with EU members in all fields

Iran's ties with the European Union, especially Luxembourg, is developing, said Iranian president in a meeting with the foreign minister of Luxembourg, adding: "Iran welcomes deepening ties with the EU members in all fields".

At the meeting that took place in Tehran, Iranian president Hassan Rouhani referred to good relations between the two countries and stressed that banking, insurance, and financial relations should further develop in the future.

"Today, the main key in economic cooperation is banking and insurance and cooperation between the two countries in these fields can create a very good base for cementing economic ties more than before," he added.

Rouhani continued talking about the post-JCPOA opportunities for investment and said: "Iran can, from one side, supply a large part of Europe's energy, and be a very important transit route for connecting Europe to the Indian Ocean and East Asia from the other".

Stressing further strengthened ties in the field of science and culture between Iran and the EU, Rouhani also mentioned

historical ties with European countries, adding: "with the nuclear issue settled and the JCPOA agreement struck, the groundwork is set for deepening and cementing ties".

"There are myriad issues and problems such as terrorism and extremism ahead of all of us, resolving of which is merely possible through firm resolve and more cooperation; Iran's consultation and cooperation with the European Union can contribute a lot to resolving these issues," Rouhani continued. He also underscored that the Islamic Republic of Iran has never violated any agreement it signed and will live up to its commitments until the other parties do so. He added: "the Joint Comprehensive Plan of Action (JCPOA) is an agreement drafted and signed with a win-win approach".

"Today, everyone should contribute to keeping this agreement because any move aimed at undermining it can promote pessimism and despair among all countries about the process of solving regional and international issues," he also said.

At the same meeting, the foreign minister of Luxembourg, Jean Asselborn said that his visit, which is taking place only a few months following his last visit, was happening with the aim of finalizing the cooperation documents.

He added: "Luxembourg is determined to develop ties with Tehran in all fields and, in the course of this visit, the document of supporting investment was signed and finalized, with other documents regarding important financial and investment issues being put on the agenda". He also announced that an agreement aimed at deepening ties and cooperation between the central banks of the Islamic Republic of Iran and Luxembourg was finalized, adding: "Iran is a great country in the region and the European Union and we believe in Tehran's significant and effective role in resolving regional issues".

Iranian Govt. agrees to attract \$8.5 billion foreign investment

Since the beginning of JCPOA implementation, Iran's government agreed with the attraction of \$8.5 billion foreign investment which \$5.5 billion of the investment is about mining and industry areas, Iranian minister of industry, mine and trade announced. "JCPOA implementation facilitated the attraction of foreign investment. The Government has so far attracted over \$8.5 billion foreign investment which \$5.5 billion of it is related to mining and industry areas," Iranian minister of industry, mine and trade Mohammadreza Nematzadeh said.

He mentioned to the government's measures in order to flourishing the production and said: "with banks cooperation, we are trying to set up small and medium industries."

Iran Textile News

Iran apparel market tough situation

Around \$2.6 billion worth of clothes are imported every year and according to members of apparel unions, twice this amount is smuggled into the country. This whopping amount of foreign apparel in the domestic market is like a noose around the neck of Iranian producers that throttles their growth. Production in Turkey and China costs half the amount it does in Iran, this is one reason Iranian producers prefer to set up their businesses in those countries rather than in their homeland. A number of renowned Iranian brands are now producing 60-70% of their products in Turkey and China in order to reduce prices.

Turkey is among the top five producers of apparel in the world and its annual revenues from the business, which stand at \$21 billion, are almost equal to Iran's earnings from oil exports.

It is estimated that in the current Iranian year (March 2015-16) Iran's oil revenues will reach some \$25 billion.

The sudden hike in foreign exchange rates, together with an increase in tax rates over the period of former president made production all the more strenuous. It was then that, according to the businessman, some producers decided to move all or part of their businesses overseas. Unfortunately, some people, using rents and connections, import millions of dollars of brand and non-brand apparel via private wharfs.

Smugglers don't pay customs duties or tax. This is while producers are made to pay 25% tax once on production and another time on sales by the Iranian National Tax Administration. As such, domestic businesses lose their competitive edge in the market. According to figures released by the Anti-Smuggling Organization, apparel tops the list of

goods smuggled into Iran. According to the head of Tehran Knitwear and Socks Producers and Sellers Association, the preferential tariff agreement between Iran and Turkey has given rise to the export of cheap Chinese apparel from Turkey to Iran under the guise of Turkish brands.

President of Istanbul Readymade Clothing and Confection Exporters' Association Hikmet Tanriverdi said Turkish garment exports to Iran hit \$237 million during the eight months of 2016, showing a 219% increase compared with the previous year's corresponding period. The domestic apparel market is worth an estimated \$12 billion per year. Close to 1,500 domestic apparel manufacturing units and more than 20,000 retail outlets are active in Iran, employing 30,000 and 250,000 people respectively. These units have an annual nominal production capacity of 340,000 tons.

Iran says channel to export carpets to US open

Iran says the channel to export its traditional hand-woven carpets to the United States is still open amid recent concerns in Tehran that Washington under a new leadership had already banned imports and re-exports of the precious Persian handicraft. In a report quoted an unnamed official at the country's Foreign Ministry as saying that Iranian merchants were still allowed to export their carpets to the US.

The official added that the US Treasury Department had not yet reversed an authorization to import Persian carpets that came into effect after the removal of sanctions against Iran in January 2016. Earlier, Iran's media quoted Razi Miri, the deputy head of the Iranian Carpet Exporters' Association, as



PRESS RELEASE

Domotex Asia / Chinafloor 2017

The trend towards PA6 specialties continues

Neumünster, February 14, 2017 – more than 1.6 million metric tons of BCF carpet yarn are produced worldwide using Oerlikon Neumag BCF plants. Between March 21 and 23, 2017, the experts of the Neumünster-based market leader will be exhibiting their comprehensive technology know-how and efficient solutions in Hall W3, Stand F03 at the Domotex Asia/ Chinafloor in Shanghai.

Manufacturing PA6 BCF yarns more profitably

One information focus will be on manufacturing PA6 BCF yarns. According to PCI Redbook, just under 90,000 metric tons of additional capacity have been installed for the production of melt-dyed and raw white PA6 yarns over the last five years. Oerlikon Neumag's share of these capacities totals approx. 65%. And the trend towards high-end, fine single-titer PA6 BCF yarns continues unabated in China. "Oerlikon Neumag's recent sales success, above all with Chinese companies such as Jiangsu Kaili Carpet and Zhejiang Sitong Chemical Fibre, demonstrates that we are – with our technology – catering precisely to the challenging demands of carpet yarn producers within this growth market", explains Alfred Czaplinski, BCF Sales Manager. The melt lines, specially optimized for this process, ensure optimum melt quality. A depositing shoe on the texturing unit especially developed for this and a so-called 'V' cooling drum guarantee the highest degree of crimp

evenness and quality. And the specially-designed texturing components cater to the very highest demands when it comes to short-pile automotive applications.

High-tech for innovative BCF yarns

And Oerlikon Neumag – as the world market leader – has not only correspondingly further optimized its technologies in the PA6 yarn sector in line with market and customer requirements over the past few years, innovative components and continual process optimization also increase the efficiency of the S+ and Sytec One BCF systems in the case of PP and PET, perfecting the yarn qualities here. The RoTac tangling unit and the Multi Machine Access Center (MMAC) are just two of the many successful examples:

The RoTac tangling unit improves – as a result of tangling knots set at defined distances and thicknesses – not just the appearance of, particularly tricolor, carpets, the pulsating air flow ensures, compared to conventional tangling units, also consumes up to 50% less compressed air.

The Multi Machine Access Center is targeted at customers looking for a solution for networked production that is specifically tailored to their requirements. The MMAC permits stationary and mobile monitoring of Oerlikon Neumag BCF systems. Here, the scope of process visualization is oriented on the specific wishes of the customer.