

enterprises opening franchises and stores within two years in various malls located in the country.

Representatives and executives from the ten companies are currently visiting the biggest malls in Lima, Peru and holding meetings with potential strategic partners in the country for local expansion with the help of Colombia's Proexport—the agency for promotion of tourism, investment and exports, reports El Comercio.

The ten companies planning expansion in the Peruvian market include menswear brand Arturo Calle, Colombian apparel manufacturing group Crystal, swimwear and apparel brand Agua Bendita, Colombian designer label Color Siete, women's clothing line Fuera de Serie, leading menswear brand Jon Sonen, women's swimwear brand Onda de Mar and women's beachwear and swimwear line Phax.

Catalina Calle, manager of international expansion of Arturo Calle, said the brand plans to open three stores a year in the country, with an investment of US\$ 4.5 million. Colombian designer label Color Siete, which used to be available three years ago in Peruvian department store chain Saga Falabella, is also planning a return with boutique shops and multi-brand stores in the country.

Sandra Cardona, director of Color Siete stores and franchises, said the designer brand's goal is to open five to six shops within three years in the country.

## SSM to display winding machine at CAITME 2013

SSM announce their participation to the forthcoming CAITME in Tashkent, Uzbekistan, from September 11th to 13th.

The Swiss based SSM Schärer Schweiter Mettler AG, the inventor of the electronic yarn traverse system, will continue their tradition of trend-setting during the show. CAITME is known as the largest textile machinery exhibition in Central Asia. The exhibition is a good meeting place and gives the best opportunity to make a successful entry into a most promising market.

SSM will exhibit one machine from following application:  
Dyeing/Rewinding

The SSM TW2plus-W DIGICONE fastflex is a precision package winder for dye packages and rewinding operations. The electronic fastflex yarn laying technology

allows a high flexibility to produce a made-to-measure cross wound package.

The ergonomic design and enduring technology cuts maintenance and service expenses down to a minimum. Improved winding performance and package quality are further generated by digitens, the new technology for tension control during winding.

Besides of the presented application SSM does provide machines for False Twist Texturing (SSM GIUDICI), Air Texturing, Air Covering, Draw Winding, Assembly Winding, Yarn Singeing, Parallel Winding and Sewing Thread Finish Winding.

## Open-end machine producer Sueszen to exhibit at CAITME

SUESSEN exhibits together with its partners Bräcker and Graf/Switzerland and Novibra/Czech Republic in the joint Booth. This partnership is emphasized by the joint sales organization of the 4 companies. The "4" place the CAITME 2013 exhibition under the joint slogan: "Good - Better - Premium - Experience the difference" demonstrating the combined accumulated competence in handling and processing natural and man-made fibres along the whole yarn production line.

Since its foundation in 1920, the SUESSEN company has been of great value for the spinning industry by an immeasurable amount of innovations and developments with lasting effect and influence on the history of spinning. SUESSEN is the acknowledged Leader in OpenEnd Rotor Spinning and Compact Ring Spinning Technology. The well-known Open-End SpinBoxes SE 7, SE 8, SE 9 and SE 10 were developed and manufactured by SUESSEN. The latest SpinBox generations, SC and SQ series, are delivered to the manufacturers of rotor spinning machines Rieter in Switzerland and Savio in Italy, but also retrofitted into existing rotor spinning equipment. In total, SUESSEN has manufactured over 3,000,000 SpinBoxes.

SUESSEN's EliTeCompact Spinning System has been sold for over 6,000,000 spindles and has established itself as the most versatile compact ring spinning system. Existing ring spinning machines of various manufacturers can be upgraded to compact spinning, using SUESSEN EliTeCompactSet.



The Governor was accompanied by the Minister of Production and Revenue, Enrique Orban and Minister of Finance and Treasury, Federico Muñoz Femenia at the press conference.

Governor Capitanich explained the financial assistance mechanism would be divided into three stages, by mixed cultivation of various crops like cotton and soya bean, according to plan and seed production of each producer, with a limit of planting 100 acres at most and regardless of the number of acres each producer owns.

The registration process to avail the financial aid would run from August 26 to September 30, 2013, where enrollment criteria would be implemented and consultations would be conducted, to unify a strategy that includes and encompasses all producers, in order to solve their issues through a general rule, he added.

## EU excludes textile sector from organic regulation

The European Commission, which is in the final stages of a review of the current European Union (EU) organic legislation, has decided that the legal basis of its organic regulation would not be extended to cover the textiles sector.

The executive council or the Directorate General for Agriculture and Rural Development Commission (DG Agriculture) concluded that the legal basis of the organic regulation should not be extended to cover products such as textiles and cosmetics, stating that organic farming should remain focused on agriculture since it is a crucial instrument to deliver environmental services and boost development, innovation and employment in rural areas. The EU Commission (DG Agriculture) is in the final stages of a comprehensive review of the EU organic regulation which looks at four key issues: simplifying the legal framework, whilst ensuring standards are not compromised, co-existence of GM crops with organic farming, better control systems and trade arrangements for organic products and impact of labeling rules.

However, the Certification and Control of Organic Products (CCPB), has termed the EU's decision to not to include textiles as a lost opportunity as the organic textiles sector could have benefitted greatly from the legislation. Many operators in the textile sector, including certification

bodies such as CCPB had called for the inclusion of textiles under the organic regulation.

## Russian govt to reduce dependence on imported cotton

The Russian Ministry of Industry and Trade is aiming to reduce the dependence of domestic textile industry on imports by reviving the cotton production in Russia on the basis of modern technologies.

George Kalamanov, the Deputy Minister of Industry and Trade of the Russian Federation, said one of the ways to reduce dependence on imports of raw cotton and increase the level of economic security may be the revival of cotton production in Russia on the basis of modern technologies. The Minister was speaking at a meeting on the development prospects of cotton, held recently in the city of Astrakhan, in Southern European Russia.

Deputy Minister Kalamanov said, in the last century, cotton was mainly grown in the Astrakhan region, Stavropol territory and a number of other southern regions of Russia.

The revival of domestic cotton production has not only garnered interest from the textile workers but also representatives of the defense industry, currency printing unitary enterprise Gosznak and various other sectors of the economy, he added.

The deputy minister explained that although the demand for cotton from textile enterprises is high, it is necessary to ensure production of cotton on an industrial scale with appropriate quality and at a competitive price.

For successful cultivation of cotton and cotton fibre, preparation is necessary, and federal and regional support should be extended to local farmers for the purchase of fertilizers, seeds and technology, he added.

According to the deputy minister, estimated demand for cotton fibre in the Russian textile industry by 2020 is expected to be around 200,000 tons.

In 2012, Russia imported 90,000 tons of cotton.

## Colombian apparel firms plan expansion in Peru

Peru will see ten Colombian apparel and leather



# World Textile News

## Smart conductive textiles

NPL has developed a technique for chemically bonding a nano-silver layer onto fibres in a textile. The step change advantage of their method is that the conductive path is applied by an additive method and can be patterned to form circuits. The silver is bound around individual fibres in each thread giving 100% coverage with good adhesion and flexibility. Excellent resistivity of the textile has been achieved,  $<0.2\Omega/\text{sq}$ .

The nanosilver coated fabric can be used in a wide range of applications such as wound dressings, hygienic clothing and medical applications where the presence of bacteria is hazardous. For example, it can be used for the fabrication of face masks, surgical gloves and military uniforms where the infection of the wound can have severe effect. The high flexibility of fabric textiles allows them to be employed in the health, leisure and sports industries.

Since the conductive pattern is incorporated within the textile, it ensures that sensors are repeatedly positioned in the same location on the body. This will lead to improved accuracy of the sensor by preventing sensor misplacement. It also adds a negligible weight and thickness to the clothes and multiple electronic circuitry patterns can be placed on a garment in a single setup. As an example, wireless wearable sensors for home monitoring of physiological data of a heart could, for instance, overcome shortcomings of currently available technology such as "Holter monitoring" and significantly improve the diagnosis and treatment of cardiovascular diseases.

Another example would be for a patient with a motor disorder such as Parkinson's disease, where the monitoring of physiological movement could facilitate medication titration as the disease progresses.

In general, there is an increasing demand for wearable electronics from industries such as sport and fitness, consumer electronics, medical and healthcare, and defence applications. Manufacturing flexible and complex electronic circuitry patterns could be successfully solved by the use of this method and can be applied in the future design of intelligent clothing. This additive process permits complex circuit traces to be added to fabrics for a wide range of uses. Devices or sensors can be positioned by directly building them into fabric, which offers a novel approach for providing information routing within fabric, which is a major hurdle in electronic textile development.

## Argentine province to allocate 45mn pesos to small farmers

The Governor of Chaco province of Argentina, announced allocation of 45 million pesos to 900 small farmers, including cotton producers in the region.

In addition to the financial assistance, the provincial government would also be extending the functioning operative of Rural Consortia Services.

Speaking at a press conference, Governor Jorge Capitanich said financial aid would be provided through the Ministry of Production and Northern Trust, and would benefit a production area of more than 100,000 hectares in the province.



"The rate for the import of power from India has not been decided and it has been proposed in the MoU that the government of Pakistan or NTDC would have to employ a power trade company in India to purchase power from energy from exchange in India or from Independent Power Plants, state or government-owned power plants, captive power plants or other sources," the minister said.

About import of 1,000 MW from Iran, the statement added that the minister of water and power had signed another MoU with the minister of energy of Iran on April 8, 2007 in Tehran for supply of up to 1,000 MW power from Iran to meet the demand of Balochistan.

"The feasibility study submitted by consortium of consultants was endorsed by TAVANIR and NTDC on May 31, 2012. The case has been forwarded to Ministry of Water and Power for approval of the Economic Coordination Committee before submitting to NEPRA for final approval of tariff."

About CASA 1,000 MW project, the minister added that a project name CASA-1000 was under consideration since 1994 for importing 1,300 MW power from Kyrgyzstan and Tajikistan for Afghanistan and Pakistan, respectively.

It will take tentatively four years after the construction of transmission line and grid station starts before we receive power at NTDC grid. Actual construction period will be finalised when agreements are signed. No rate for the supply of electricity for the project has been finalised.

The minister stated that another contract for import of 30 MW power from Iran was signed on November 10, 2002 for electrification of border towns of Balochistan.

"Currently the total capacity contracted under a 30 years contract with TAVANIR of Iran is 74 MW. Electricity is being provided to the border towns of Balochistan at three points, namely Mand at 132 kV (70 MW), Mashkail at 20 kV (2.0 MW), Taftan at 20 kV (2.0 MW).

The minister added that another project for import of 100 MW from Iran was also being considered due to rapid developments in Gwadar area.

## Iran, destination for 13% of Tajikistans total exports

Islamic Republic of Iran was destination for 13 percent of total goods exported from Tajikistan in the first half of 2013, according to a report by Ministry of Economic Development and Trade of Tajikistan on Saturday.

Aluminum and cotton constituted the main commodities exported by Tajikistan to Iran.

The report said that Turkey, Iran, Afghanistan, China, Russia and Kazakhstan were the main destinations for Tajik goods during the mentioned period.

Tajikistan is a mountainous landlocked country in Central Asia. It borders Afghanistan to the south, Uzbekistan to the west,

Kyrgyzstan to the north, and China to the east.

Most of Tajikistans population belongs to the Persian-speaking Tajik ethnic group, who share language, culture and history with Afghanistan and Iran.

## New Iran central bank chief targets inflation

Iran's new central bank governor, Valiollah Seif, took office amid expectations he may hike rates in an effort pull down rampant inflation and attract more money into bank deposits.

Seif is charged with reigning in 40 percent-plus inflation and helping to rescue the economy which is battered by Western sanctions imposed over Tehran's disputed nuclear programme. He has held top positions at several private and state-owned Iranian banks and has said Iran's interest rates ideally should not be lower than inflation - prompting the expectations of higher rates. In his early 60s, Seif was appointed by Iranian President Hassan Rouhani, who took office on Aug. 3 promising to work to lift the sanctions while reducing inflation and unemployment.

Iran raised interest rates on bank deposits to around 21 percent in 2012 in an unsuccessful effort to curb inflation. Seif's predecessor, Mahmoud Bahmani, who served under previous President Mahmoud Ahmadinejad, was criticised for failing to control wild fluctuations of Iran's rial currency.

The Western sanctions against Iran's oil exports and its banking sector have slashed its ability to earn foreign currency, pushing down the rial to about 32,000 against the U.S. dollar in the free market from about 11,000 in 2011.

The free market rate is used by most Iranians to obtain hard currency, although the government also uses a stronger rate for some purposes such as financing imports of key goods.

Seif has signalled that he will not try to engineer any major recovery of the rial in the free market.

"Right now the value of the dollar in the free market is 32,000 rials, and this is not such an illogical rate," Fars news agency quoted him as saying on Sunday: Lawmakers hostile to Ahmadinejad also accused Bahmani of failing to maintain the central bank's independence and printing money to help the Ahmadinejad administration bridge a big budget deficit.

"All monetary and banking activities must be supervised by the central bank so that the movement in the direction of disciplined financial practices is strengthened," Seif was quoted as saying on Monday by Khabaronline, an Iranian news site.

But he also sought this week to temper any expectations for a quick end to Iran's economic difficulties.

"We can't see very positive changes in the economy in a short amount of time," he was quoted as saying on Monday by the ISNA news agency. "We must give the new government time so it can take useful and precise decisions after a careful review of the situation."

# Iran Textile News

## Iranian Scientists Use Clay Nanoparticles to Produce Dyeable Polypropylene Fibers

Iranian researchers from Amir Kabir University of Technology produced dyeable polypropylene fibers by using clay nanoparticles.

The study was carried out in a joint industrial plan between Petrochemistry Research and Technology Company and Amir Kabir University of Technology.

Despite the unique properties of polypropylene fibers, there are some disadvantages in the structure of polypropylene, which make impossible the use of this polymer in all aspects. Polypropylene fibers and strings are not dyeable by using the common methods in textile industry.

At present, mass coloration is the only method to dye polypropylene fibers.

The production of dyeable polypropylene fibers by using pigments has become a challenge in polymer and textile industries in recent decades. Various approaches have so far been investigated to resolve this problem, including the use of alloys, copolymers and preparation with plasma.

However, one of the newest approaches is the mixing of polypropylene with suitable organic or inorganic nanoparticles. The nanoparticles are put into the matrix of the polypropylene when they are molten.

It is expected that they create passages for the passing of pigment and also create spaces in order to adsorb the bulk polymer.

This research studied the dyeability modification of polypropylene fibers through molten mixing of clay nanoparticles. Polypropylene grafted with maleic anhydride (PP-g-MA) was used as the compatibility agent to obtain compatible polymeric characteristics.

## Negotiations going on with India, Iran for import of power

Minister for Water and Power Khawaja Muhammad Asif said that the government was negotiating with India and Iran for importing electricity to meet the energy crisis.

In a written reply, the minister said that some projects were under consideration including two projects of import of 1,174 megawatts (MWs) from Iran; CASA 1,000 MW and import of power from India. About import of power from India, the minister stated that in April 2011, India proposed to sell electricity to Pakistan. "As a consequence commerce secretary-level talks were held between Pakistan and India on April 27-28, 2011 to undertake the assignment of import of electricity from India to Pakistan."

The statement added that a working group was constituted by the Ministry of Water and Power, government of Pakistan on July 1, 2011 for follow up of commerce secretary talks.

"Pakistan and Indian officials on August 2, 2012 discussed planed to import 500 MW of electricity through high voltage direct current (HVDC) link between the two countries."

"After several meetings, a draft MoU had been prepared and discussed with Indian delegations on June 11, 2013.

The NTDC has endorsed the draft MoU.

Prime Minister Nawaz Sharif has approved the summary for 'approval of trade with India in electricity'.

The minister said that as a first step, an interconnection will be build between Amratsar and Lahore, which will be through either 400KV DC or 500KV DC. The MoU is subject to approval of all relevant ministries, departments and agencies of both governments, where after it will be signed jointly by both governments, he added.





## **DOMOTEX 2014 (11 TO 14 JANUAR)**

### **Innovations@DOMOTEX puts spotlight on novel products**

Hannover, Germany. The upcoming DOMOTEX – the world's leading trade fair for carpets and floor coverings – will be geared more strongly than ever to the latest flooring industry trends. A special highlight will consist of the new "Innovations@DOMOTEX" initiative, designed to put novel products at center stage. "The new format represents a targeted investment in the quality of the event," commented Dr. Jochen Köckler, Member of the Deutsche Messe Managing Board – the company which produces DOMOTEX. He added that advance publicity for the show would consist of focusing extra attention on the latest mega-trends in the carpet and floor coverings industry. "We have taken this step because a prime motivation of our visitors at DOMOTEX is to engage with creative products and ideas which will help shape the future of the places and spaces we live in. We're looking forward to an exciting DOMOTEX 2014, a show that will further consolidate its position as the world's leading event for its sector," stated Köckler. DOMOTEX 2014 runs from 11 to 14 January in Hannover, Germany.

#### **Innovations with a capital "I"**

Innovations@DOMOTEX will put the spotlight on product innovations in the Fitted Carpets, Resilient Floor Coverings, Parquet and Laminate Flooring and Modern Hand-made Carpets product categories. The initiative will be spearheaded by special display zones – the "Innovations@DOMOTEX Areas" – in halls 6, 9 and 17. These special zones are designed to give visitors looking for fresh ideas and inspiration an initial overview of the latest innovations. From there, they can head straight to the exhibition stands to find out more about the carpet, resilient floor covering and parquet or laminate flooring innovations that have caught their eye. In the words of Köckler: "Only at DOMOTEX can visitors explore and discover all the latest innovations with such convenience and ease." For this reason the new format would, he said, remain a defining feature of DOMOTEX over the coming years.

Established special displays such as Souk Deluxe in Hall 17, with its focus on modern luxury carpets and rugs, will be closely aligned with the new innovation format. Similarly, the Innovations@DOMOTEX Area in Hall 9 will be integrated into the Wood Flooring Summit showcase for the parquet and laminate flooring sector. Innovations@DOMOTEX will be a thread running through all DOMOTEX communications before, during and after the fair, and the innovations selected for Innovations@DOMOTEX will feature prominently in an extensive visitor recruitment and PR campaign. This will be supported by a printed Innovations@DOMOTEX Guide which will provide useful pre-fair coverage of the featured innovations. The brochure will also serve as a visitor

guidebook during the fair.

In addition, targeted content will be posted on the DOMOTEX website during the run-up to the fair to generate interest in the featured innovations among potential customers. "By running a full-scale campaign to promote these innovations, we will enable the participating exhibitors to differentiate themselves from the competition and get more out of their DOMOTEX showcase," said Köckler, adding: "It will also be a plus for visitors, who will be able research key trends before the fair and plan their visit accordingly. The new format will appeal particularly to architects, interior designers and planners, focusing their attention on floor coverings, innovative trends and new materials for the contract flooring sector."

#### **Exhibitor innovations to be selected by expert jury**

DOMOTEX exhibitors who wish to participate in the Innovations@DOMOTEX format can apply free of charge through the beginning of October 2013. An independent panel of experts will then evaluate and select the ultimate participants on the basis of set criteria.

#### **1st Rug Avenue: Classic oriental rugs as lifestyle objects**

A further highlight at the upcoming DOMOTEX consists of the 1st Rug Avenue display. Housed on around 500 square meters (5,380 sq. ft) of display space and staged as a stylized suburb, 1st Rug Avenue profiles classic rugs as the perfect accompaniment to chic interior design. Eight homes will demonstrate how oriental rugs can transform living rooms, dining rooms and bedrooms into eye-catching masterpieces of style. The message here is that quality classic rugs complement modern interior décor and add personality and ambience. The 1st Rug Avenue display will be supported by a brochure on the place of classic oriental rugs in modern interior design settings. 1st Rug Avenue is an initiative by a select group of resourceful European rug importers and will be staged in partnership with Deutsche Messe.

#### **"earlybird" lifestyle show to run concurrently with DOMOTEX in Hannover**

The "earlybird" lifestyle trade fair will now be staged alongside DOMOTEX from 11 to 13 January 2014 at the Hannover Exhibition Center. earlybird will field around 900 exhibitors and complement the DOMOTEX theme mix with its extensive array of lifestyle and designer products for retailers involved in home products, giftware and accessories. Previously located in Hamburg, earlybird will be held twice yearly – in January and July – in Hannover. The event is organized by HWD Hanseatische Wirtschaftsdienste. HWD's decision to relocate the lifestyle show comes as a result of the event's steady growth over the past few years.