current level, in recognition of tougher economic conditions in its two main markets, the USA and the EU. Looking further ahead, there are ambitious plans to achieve a strong advance in exports and retain the textile and clothing industry's status as one of the country's most important sectors. To aid in these plans, the government has established a series of incentives to attract and encourage the kind of foreign direct investment (FDI) which is most likely to drive the country's future development. In addition, Vietnam has secured free trade agreements (FTAs) with a number of countries and regions. In particular, through its membership of the Association of Southeast Asian Nations (Asean), it benefits from the Asean China Free Trade Area (ACFTA), which is the world's largest FTA in terms of the total population of its signatories. In addition, again through its membership of Asean, it benefits from FTAs with Australia and New Zealand, India, Japan and South Korea. Also, it has bilateral FTAs with Israel and Japan. Furthermore, Vietnam has entered into negotiations with the EU with a view to signing a comprehensive FTA. Most importantly, it has entered into negotiations to be part of the Trans Pacific Partnership (TPP), which aims to establish a free trade area for the Asia Pacific region.

## The use of textiles in the automotive industry is set for significant growth

The use of textiles in the automotive industry is set for significant growth, according to a report in the latest issue of Technical Textile Markets from the business information company Textiles Intelligence. The average weight of textile materials in a mid-size car has increased from 20 kg in 2000 to 26 kg today, and by 2020 it is expected to reach 35 kg. The increase stems from a rise in demand for greater comfort and safety, and efforts aimed at reducing the weight of a vehicle in order to lower fuel consumption and CO2 emissions.

In terms of fabric type, it has been predicted that woven fabrics and knitted fabrics will continue to account for a predominant share of the global market for automotive textiles. This prediction holds true despite a rise in the use of nonwovens and an increase in the penetration of composites. Nonwovens are being employed increasingly in vehicles because of their low weight and low cost. In fact, there are now more than 40 applications for nonwovens inside cars, equating to over 35 square metres of flat surfaces.

Furthermore, the use of recycled materials in nonwovens for

automotive applications is increasing. A growing proportion of needlepunched nonwovens for automotive applications, for example, is being manufactured from recycled polyester derived from plastic bottles. There has also been an increase in the use of natural fibre nonwovens in vehicles. In many applications, natural fibre nonwovens are used as the substrate in composite parts.

In the future, there will be significant growth in the market for passive safety devices — which include airbags and seat belts — as a result of new US legislation which will make the fitting of side-impact airbags mandatory on all vehicles in 2013. The automotive safety market has grown faster than the automotive market as a whole for many years, and will continue to do so for the foreseeable future. However, there are a number of other areas in the automotive industry where the use of textiles is expected to expand or new applications for textiles are expected to be found in the years ahead.

## European alliance for promoting innovation in the textile and clothing pipelines

The European Textile and Clothing industry (EURATEX) has decided to reinforce the role of technological innovation in the different textile and clothing pipelines by creating an international non-profit-making association named "European Technology Platform for the Future of Textiles and Clothing", abbreviated to "Textile ETP" together with the European textile research and technology organisations (TEXTRANET) and the European textile universities (AUTEX). Commenting on the setting-up of such association EURATEX President, Mr. Alberto Paccanelli, said "The decision by the three partners to provide a new set-up to the European Textile Technology Platform is an important signal launched towards the European authorities and the European companies. It is the confirmation that the EU Textile and Clothing industry, one of the major European industry sector, wants to retain its position as world leader both in Fashion and in Technical Applications thanks to better coordinated research and innovation approaches fully in tune with the market needs. Industry shall continue to invest in creative and high value added products, deploy innovative resource-efficient technologies and explore new business model. The Textile ETP will provide practical support through networking, access to funding and expertise at European level.

- 18



## World Textile News

Asia will account for over half of global nonwoven fabric production by 2020

Asia will account for over half of global nonwoven fabric production by 2020, according to a report in the latest issue of Technical Textile Markets from the business information company Textiles Intelligence. Between 2001 and 2011 production more or less trebled. As a result, Asia accounted for over 40% of global nonwoven fabric production in 2011. In 2011 alone, nonwoven fabric production in Asia increased by 7.4% to 3.1 million tons after rising by 10.0% in 2010 and 13.1% in 2009. These strong growth rates reflect rising usage of nonwovens in Asia as countries in the region continue to industrialise. Furthermore, developments and innovations in the field of nonwovens are leading to the opening up of new applications for nonwovens and, in turn, resulting in an increase in nonwovens usage.

Among the major nonwoven fabric producing countries in Asia, China accounted for about two-thirds, or 2.1 million tons, of total Asian production in 2011 making it the largest producing country by far. Furthermore, its share was up sharply compared with 2001, reflecting much faster growth in Chinese production between 2001 and 2011 than elsewhere in Asia. Indeed, output in China increased almost five-fold over this ten-year period, from just 417,000 tons at the start. The most important category of nonwoven fabrics produced in Asia in terms of production process in 2011 was, by far, that of spunbonded and meltblown nonwoven fabrics with a 44.2% share. However, the fastest growing category of nonwoven fabrics was that of spunlaced nonwoven fabrics with an average increase of 20.0% per annum between 2008

and 2011 and a rise of 21.8% in 2011 alone.

Many analysts have predicted unlimited growth in the use of nonwoven materials in Asia in the coming years in several end use markets, including medical and healthcare, hygiene, filtration, agriculture and geotextiles, among others.

## Vietnam aims to become one of the top five textile and clothing exporters by 2020

Vietnam has set out an objective to become one of the top five textile and clothing manufacturing and exporting nations by 2020 while simultaneously fostering social improvements and environmental wellbeing, according to a report in Issue No 159 of Textile Outlook International from the global business information company Textiles Intelligence. In value terms, the industry has set an export target in the range US\$20 billion-US\$22 billion for 2020. It aims to achieve this leap forward by concentration on a strategy of specialisation and modernisation and an increase in added value. The process of value addition has already started. Between 2005 and 2011, the added value rate of Vietnam's textile and clothing exports increased markedly, from 30.2% to 47.8%. Over this time period, exports more than trebled from US\$4.8 billion to US\$15.8 billion.

The momentum continued into 2012 with textile and clothing exports during the first nine months of the year up by 7.4% compared with the corresponding period of the previous year, to US\$11.14 billion.

That said, the export target for 2015 has had to be moderated to US\$14 billion-US\$16 billion, which is similar to the





## Iran launches biggest formalin production plant in Middle East

The Islamic Republic of Iran has launched the biggest formalin production plant in the Middle East with the annual production capacity of up to 56,000 tons.

Gameron Petro Industry Complex was inaugurated in a ceremony attended by Iran's First Vice President Mohammad Reza Rahimi in the southern port city of Bandar Abbas in Hormozgan Province on Monday.

The plant, which has been set up by the private sector, is set to annually produce 30,000 tons of formalin in the initial stage, which can be increased to 56,000 tons per year.

In addition to producing formalin, which is used in chemical, sanitary, medical and animal husbandry industries, the plant will annually produce 5,000 tons of hexamine, which is used in a range of industries including plastic and textile, pharmaceuticals and defense. The industrial unit will create job opportunities for 200 people. Iran has significantly expanded the range and volume of its petrochemical products over the past few years, and the National Iranian Petrochemical Company (NIPC) has become the second largest producer and exporter of petrochemicals in the Middle East after Saudi Arabia. The Islamic Republic exported a total of 18.2 million tons of petrochemical and polymer products, worth about USD 14.2 billion, to more than 60 countries in the previous Iranian calendar year (ended March 19, 2012). Iran's petrochemical products mostly include ethylene, methanol, urea, polyethylene and polyolefin, according to the NIPC.

## Uzbekistan and Iran can expand cooperation fields

Uzbekistan and Iran can greatly expand cooperation fields, Iranian Ambassador to Uzbekistan Ali Mardoniy Fard told journalists. "There are many spheres of cooperation between our countries and they are stipulated by many factors, including Iran and Uzbekistan's strategic location in their regions," Ali Mardoniy Fard said.

As head of the diplomatic mission said, transport communications, agriculture, textile industry, energy are currently the priority directions in economic cooperation between the two countries.

Fard noted the Uzbekistan's opportunity to use Iranian territory for access to the sea and transportation of its products to global markets, the opportunity to import high quality Iranian goods at reasonable prices amongst the factors contributing to the development of cooperation between the two countries.

Necessary conditions for expansion of cooperation are provided by a solid legal base consisting of almost 80 intergovernmental and interdepartmental documents.

The ambassador noted the significance of a fiveparty agreement on establishment of the Uzbekistan -Turkmenistan - Iran - Oman - Qatar international transport communications corridor, created upon initiative of Uzbek President Islam Karimov.

He also noted the role of the chambers of commerce of the two countries in the development of business cooperation. As a part of the agreement on cooperation between the chambers, conditions were created for expansion of their collaboration. Iran's business circles are particularly interested in textiles and cotton produced in Uzbekistan, and therefore they increased their participation in traditional cotton fairs in Uzbekistan. Developing cooperation in tourism is of great interest to Iranian tourism companies.

Trade turnover between Uzbekistan and Iran exceeded \$ 350 million in 2012 and this figure can be increased considerably to the mutual advantage of both countries, Fard said. The Iranian ambassador said that a meeting of the Uzbek-Iranian intergovernmental commission for cooperation has to be held in a short run, during which it is planned to discuss specific areas of cooperation in the near future, including economic, cultural and humanitarian cooperation. As Fard noted, he was much honored to be appointed an ambassador to Uzbekistan.

"Our people maintained close ties in culture, economics and politics for over three thousand years. Following the establishment of diplomatic relations in May 1992, due to long historical and cultural ties between the two countries relations between the Islamic Republic of Iran and the Republic of Uzbekistan were based on mutual respect and mutual benefit," Fard said.

"In 2013, which was named a year of wellbeing and prosperity by Uzbek President, we will certainly witness even greater progress in Uzbekistan and considerable growth in cooperation between the two countries, particularly in the economic field," he said.



## Iran Textile News

#### Iran gears up for spacesuit design

The Aerospace Research Institute (ARI) of Iran has taken some big bold steps towards the accomplishment of its future mission to outer space with the launch of a hi-tech spacesuit production design. According to a statement given by the ARI head Mohammad Ebrahimi to Mehr News Agency, the Iranian institute is planning to send human beings to its future space missions. ARI has already embarked on the project of spacecraft production and hopes to master the technical knowhow of spacesuit design and development in the next eight years. In cooperation with the Shiraz Mechanics Research Institute, the institute is currently engaged in the development of the highly-expensive space gear.

## Iran earns \$400 million for carpet exports in 11 months

Iran has earned about \$400 million in 11 months of the current calendar year (started on March2012-21 (for exporting domestically made carpets to various countries. The director of Iran's National Carpet Center, Mohammad Bagher Alikhani said that Iran earned the above mentioned revenue of carpet exports to 70 countries.

Speaking at the carpet exhibition in Iran's Kerman province, Alikhani noted that Iran's target market for carpet exports divides mostly between Asian and European countries. "45 percent of overall carpet exports went to Asian countries, 43 percent to the European countries," he said. Alikhani added that because the sanctions did not affect Iran's carpet exports too much, Iranian carpets are now known all over the world. Further on he said that currently Iran is exporting its carpets to China and Brazil, while possibilities of exports to South Africa and Vietnam are being considered. Alikhani, who is also Iran's Industry, trade and mines deputy minister, said that Iran's most important competition in the carpet exporting sphere are India, Pakistan, Nepal, Afghanistan and China.

He also added that about 8 million people in Iran (about 10 percent of the overall population) are involved in the carpet industry in the country. "Due to incredibly talented people working in this carpet manufacturing industry, Iranian manufacturers carpet weaver share should increase," he said. In February, the managing director of the Iran Handmade Carpet Producers Cooperative, Abdollah Bahrami said that Iranian handmade carpet exports showed a 17 percent decrease in the first 11 months of the current Iranian calendar year in comparison to the same period last year. Last year, Iran exported \$500 million worth of handmade carpets.

According to the Customs Administration data, carpet exports last year rose by 0.8 percent in value, but decreased by 15.4 percent in weight compared to its preceding year. Iran's carpet exports accounted for some 24 percent of the world's total carpet trade in the previous Iranian calendar year which ended March 19, 2012.

development of a textile touchpad for use in vehicle and aircraft seats until the end of 2014. The aim is to integrate sensor technology into seat and headrest covers that will, for instance, control the seating position, the LED lighting or digital multi-media functions. The embroidery companies from the area aroundPlauen will contribute their experience of the relevant technology to achieve this.

#### Adjustable feel-good colours for bus passengers

While we are on the subject of light-emitting textiles, the lighting laboratory at the The Institute for Textile and Process Technology (Institut für Textil- und Verfahrenstechnik - ITV), which has the lead role in the project, is researching and demonstrating the properties of new types of light-emitting fibres that they have manufactured themselves; properties that are largely unknown, other than to a specialist public. The materials can be produced in any desired shape or colour, and at the same time produce a powerful light source, either by emitting light themselves or by being back-lit with LEDs across a wide area and, if required, also with a sense of three-dimensionality. This laboratory, one might add, is where notions of active lighting in interiors for the big motor manufacturers first begin to take shape, using structured methods for generating ideas.

Even bus, train and tram manufacturers have beaten a path to the door of these textile researchers, since the possibility of visual effects with textiles, based on active and passive light-emitting threads may well give new directions to their mobility solutions of tomorrow. "We are pushing forward some exciting research for HGVs, buses and aircraft," says Laboratory Director Christoph Riethmüller, referring to projects that are financed by industry. For example, under the heading of 'emotional lighting', they are working on a new kind of lighting design that can be coordinated with the optimum comfortable temperature. In this way, the passengers' subjectively differing perceptions of temperature can, to a large extent, be reduced to a common denominator by the effects of the lighting controls.

A specialist in the field of leather research, FILK Director, Prof. Dr. Michael Stoll, stresses the issue

of weight reduction in the cabin interior through new combinations of materials, innovative seaming techniques, composite technologies and layering methods such as lightweight textile construction and organic electronics. When it comes to issues of feel / soft touch / and a sense of comfortable well-being, his team is continuing, on the one hand, to focus their attention on determining and objectively describing haptic parameters; on the other hand, their agenda consists of the targeted adjustment of haptic properties to produce pleasant sensations of touch using new kinds of surface structuring and layering techniques. On top of this, the Freiberg scientists are working on a passive cooling system for the seats to make them more comfortable to sit on. With a glance towards electric vehicles, they are also trying to create a defined level of air-permeability and/or circulation, with the help of optimised and cleverly combined materials, yet without, at the same time, affecting any other material properties.

Techtextil in Frankfurt next June, at which Research and Development will be just one of eleven product groups, is once again expecting some 25,000 visitors from about 100 countries.

There are also five other trade fairs of the same name in the most important sales regions of the world: in 2013, trade fairs will be held in Anaheim / USA and Mumbai / India. Texprocess, Leading International Trade Fair for Processing Textile and Flexible Materials, will be held concurrently with Techtextil from 10 to 13 June 2013.

#### Background information on Texprocess

Texprocess, Leading International Trade Fair for Processing Textile and Flexible Materials, will be held concurrently with Techtextil from 10 to 13 June 2013. At Texprocess, manufacturers from all over the world present their high-tech solutions for the apparel industry and textile processing. The spectrum of products and services on show ranges from design, pattern development and cutting, via sewing and joining, to embroidery, textile dressing, finishing and logistics. The première of Texprocess in 2011 attracted 326 exhibitors and 17,000 trade visitors, 6,500 of them from Techtextil.



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Although the automobile industry hardly ever shows its hand – in this case, the interior equipment of tomorrow – before model launches, corresponding trends for interiors will already be clear in outline at the next Techtextil from 11 to 13 June 2013 in Frankfurt am Main. At the same time, research projects, workshops and communiqués from textile and leather research institutes centrally involved with 'smart' or 'intelligent' textiles, point in the direction of possible future scenarios for car cockpits. These also include, amongst others, Techtextil exhibitors such as The Textile Research Institute Thuringia-Vogtland (Textilforschungsinstitut Thüringen-Vogtland - TITV) from Greiz, The Institute for Textile and Process Technology (Institut für Textilund Verfahrenstechnik - ITV) in Denkendorf near Stuttgart and the Research Institute for Leather and Plastic Sheeting (Forschungsinstitut für Leder und Kunststoffbahnen – FILK), based in Freiberg / Saxony. What can car drivers and other users expect to find between car carpets and headlinings over the next few years? Certainly a great deal of ergonomics, using sustainable and naturally effective materials and tactile surfaces that make it possible to create individuality of design in cars as well as elsewhere. The key focus here: cockpit lighting, adjustable mood lighting and touchpads for the driver, all tailored to the customers wishes. Korean manufacturers, Kia, have already risked a first step in the direction of lightemitting textiles in their city car 'Soul'.

In two versions of the model, a luminescent (unpowered, light-emitting) inscription with the word 'Soul' has been woven into the upper part of the seat back.

#### Five interior areas of application for 'smart' textiles

Meanwhile, German textile research's dialogue with the automobile and motor-vehicle industry has moved on considerably; Sabine Gimpel, Head of Marketing at the TITV, identifies several areas of application for smart textiles in car interiors, from the point of view of her research institution which specialises in textile micro-systems technology. Looking at electrically powered vehicles then this might, for instance, be new kinds of seat heaters. "Up to now, they have been deep in the squab. But there, the covering material acts as insulation. With new materials, it is possible to build the heating elements into the seat covers, the arm rest surfaces or the door panels and thus design the seat construction to be much lighter."

Ms. Gimpel sees further opportunities in applications using sensitive textile panels for, say, determining what is on a seat squab (in a crash, if, say, there is only a handbag on the passenger seat, then the airbag won't deploy) and for monitoring bio-signals by means of textile sensor technology to check on the driver's current state of health.

Ms. Gimpel, an expert in this field, is convinced that light-emitting textiles with woven LED threads and glare-free light sources, as well as woven electroluminescent surfaces, will meet the need for both orientation and ambience in cars of the future. In Greiz, continues the Head of Marketing, there is a technology that is just now reaching the operational stage of industrial – and hence cheap – manufacture of light-emitting textiles. With this technology, LEDs can be attached to conductive threads using an embroidering machine and the (soldered) contact then created.

When this material is mass-produced, headlinings can be illuminated in a way that both saves energy and is individually tailored to the taste of the purchaser; so, too, can interior door panels.

#### Company network develops textile switches

At Techtextil, which sees itself both as a leading world trade fair and a driver of innovation at one and the same time, just on a dozen companies will be showcasing their new products for vehicle interiors. Exhibiting with us for the first time are two company networks, sponsored by the Federal Ministry of Economics and managed by Steffi Volland (Oelsnitz / Saxony): InoRetex and LanoTex — both represented on the joint service providers' stand 'Nord-Ost-Textil' (North East Textiles). "We have just received the official go-ahead for the LanoTex pilot project 'Integration of electronics'," says the network co-ordinator with some pleasure. This secures the

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## Textile research creates 'high tex' materials for seats, headlinings and panels

It is not only in the electric cars of tomorrow that the interiors are set to become feel-good zones with a host of different innovative features. Designers now have, at their disposal, new kinds of textiles and fibre-based lightweight composites that emit light and heat, conduct electricity and even have sensory capabilities. These developments – some of them still 'hot from the laboratory' – are meeting with interest from manufacturers of cars, lorries and buses alike. Often still in the research phase and, hence, hardly beyond the prototype stage, never mind in regular production and available for the mass market, they recommend themselves for applications in air, rail and sea travel because of their fantastically useful properties.

Since the automotive and air-travel industries, in particular, are drivers of textile technologies, appropriate new developments will soon also be finding their way into representative offices, banks and not a few homes too: textile elements with alternate positive mood lighting, entrances to buildings with luminescent textile signs, curtains and woven wall components with lighting and airconditioning functions.

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# The meeting venue of the Eurasia

## THE ISTANBUL MEETING OF THE WORLD TECHNICAL TEXTILES: **GHTEX 2013**

Hightex 2013 will host world brands between 29 May - 1 June 2013 in Turkey, a country developing rapidly in technical textiles and nonwoven sector.

The 5° HIGHTEX 2013 Istanbul Technical Tectiles and Nonwown Exhibition organized by Telnik Fuardlik will be held at Beylliduzu Tuyap Feir and Congress Center on 29 May-1 June 2013. At HIGHTEX 2013 Exhibition being the first and sole exhibition in its field in Turkey, technical textiles raw materials, semi and firished products, and production technologies will be displayed. HIGHTEX 2013 Exhibition being the largest technical textiles and nonwowns meeting in Middle East and East Europe will be held simultaneously with ITM Texpo Eurasia 2013 and Istanbul Yarm Exhibition. In Turkey, where the textile industry recovered and investments increase after the end of the global economic crists, in the recent years many important investments have been realized especially in the field of technical textiles and nonwovens. Turkish comparies, which became important semi product and finished product exporters in the whole world, are among the largest buyers of technological investments. In line with largest buyers of technological investments. In line with these developments, it is expected that HIGHTEX 2013 Exhibition shall be an important platform to host invest-ments in the world's fastest growing technical textiles and nonwovens market and shall provide new opportunities.

Products to be exhibited

Nonwovens, fiber processing methods latest technologies,

line systems and weaving machines dedicated for the complex production of technical textiles, supplementary equipments, technology, raw materials and end products will be displayed at HIGHTEX 2013 Exhibition. Product groups to be displayed at HIGHTEX 2013 are as

totows Technology: Airlade, Crosslapper, Dryland, Meltiliown, Needlepunch, Spuribond, Spuriboe, Stitchbond, Thermo-bond, Webbating, Waterlaid, Wikling.

nonc, wetname, watertaid, Willing.

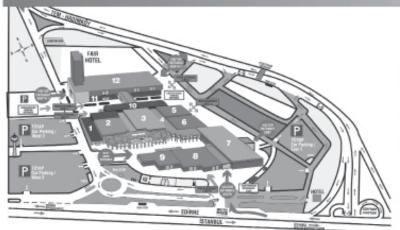
Machines: In this category, there are flame retarding technologies, refiring and renovation technologies, waste packaging machines, waste and recycling technologies, bonding and separation technologies, printing machines, during, around freiting machines. dyeing-general finishing, narrow weaving, converting machines, fiber tearing machines, flocking-impregnation systems, embossing machines, needing machines, coating and lamination systems, cutting and separation systems, drying systems, laboratory measurement equipment, microorganism protection technologies, multiflament systems, nonwoven protessing machines, plastics and other hardening materials, plasma application technologies, robot technologies, rag pulling machines, technical textile weaving machines, tufting machines, braiding machines, adheste misture and implementation systems. Raw materials: Polymer chips and granules, bands and



elastics, bind-latex and foams, fibers and filaments, super absorbents, reinforcement textiles and fibers, tampors, structural composites and patterns, adhesives, hot melts, adhesive films and conting powders, adhesive and pattern acrossive times and coating powders, acrossive and pattern materials, surface processing chemicals, actylic fibers, biodegradable fiber materials, glass fibers, natural fibers, recycled fibers, flame retarclant fiber, carbon fibers, metal-ic fibers, polyester fibers, melting yarns, filament yarns, high-tach yarns, polypropylane yarns, polyester fibers, polyamide yarns, cellulose and synthetic yarns, carded yarns and tactile glass fibers. Fritished products: Agro textiles, construction textiles, clothing textiles, road and ground textiles, decoration textiles, industrial textiles, food textiles, melical and barriers bestiles, closuries and coarnetestiles, medical and hygiene testiles, cleaning and cosme-ties testiles, transportation industry testiles, environment protection testiles, packaging testiles, protective testiles, sports testiles. Smart testiles

President Publisher Noris Gincy | Editorial Diseasor Omit Varal News Editor Seds Demirdelen | International Relations Yand Alcolar Art Director Onnal Toyaki | Printing Responsibile Senot Yukn Sales & Marketing Manager McInnet Yukod | Publisher Teirak Faresik Ltd. Printing House One Multures

### AREA LOCATION MAP



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www.itm2013.com www.itmtexpoourasia.com www.hightex2013.com www.istanbuliplikfuari.com

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with the cooperation





#### Korcan.

The key points bringing the Texbridge Fair forward whose production quality and strength in textile and textile accessories are accepted by the world and which has the characteristics of being the sector leader are;

- The trend area called "Flight of Fantasy" where 2014 Spring Summer trends were exhibited, Trend Seminars where the professional names determining the fashion and color trends in the world for the coming year met,
- •The "Design Lab" where the world famous design studios, designers and trend boutiques are located,
- •The "**Denim Zone**" where the denim companies shared the trends with the participants,
- •The "Business Lounge" where the procurement committees carried out their activities.



## COUNTRIES & VISITORS COUNTRY VISITOR NUMBER

## TOTAL NUMBER 2.970 COUNTRY VISITOR NUMBER

GERMANY	126	ISRAIL	32
USA	9	SWEDEN	19
ALBANIA	46	SPAIN	75
AUSTRIA	21	ITALY	131
AUSTRALIA	12	TAIWAN	3
AZERBAYCAN	47	KYRGYZSTAN	13
BANGLADESH	11	LEBANON	38
UAE	18	MACEDONIA	52
BELARUS	23	EGYPT	36
BELGIUM	19	MOLDOVIA	112
BULGARIA	209	NIGERIA	13
BOSNA HERZEGOVINA	45	PAKHISTAN	38
ALGERIA	33	POLAND	79
CZECH REPUBLIC	58	PORTUGAL	24
CHINE	21	ROMANIA	135
ARMENIA	23	RUSSIA	229
MOROCCO	148	SERBIA	56
FINLAND	19	SLOVENIA	19
FRANCE	69	SAUDI ARABIA	47
GEORGIA	37	SYRIA	73
NETHERLANDS	12	TUNUSIA	93
UZBEKISTAN	51	UKRAINE	175
IRAQ	19	JORDAN	40
UK	73	GREECE	136
IRAN	153	-	

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With the support of the sector leader associations and unions, the fair, which

hosted its visitors for three days, was carried out with the participation of 215

companies on a total area of 20.000 square meters.

#### **EXHIBITOR PRODUCT GROUPS**

- Knit fabric
- Woven fabric
- Denim
- Artificial leather
- Yarn
- Accessory and Sub-industry

## BUYER DELEGATION PROGRAMME for TEXBRIDGE Istanbul

Texbridge gathered international buyer companies and Texbridge exhibitors with

B2B meetings with the support of Economy Ministry of Turkey

#### **COUNTRY COMPANY**

- AZERBEIJAN NAKHCHIVAN WARP KNITING FACTORY
- AZERBEIJAN ELIT DECOR
- AZERBEIJAN AG GROUP
- AZERBEIJAN SHEFA HOME TEXTIL
- AZERBEIJAN SHARM FASHION HOUSE
- BULGARIA LINEX LTD
- BRAZIL LINK BRAZIL INTERNATIONAL BUSINESS
- BRAZIL VINOVA COMERCIAL EIRELI
- MOROCCO SAFWATISS
- IRAN IRAN POPLIN COMPANY
- IRAN IRANIAN TEXTILE MONTLY MAGAZINE
- SPAIN NORSTAR S.L.

#### COUNTRY COMPANY

- ROMANIA NELMAR
- ROMANIA EMPLOYERS FEDERATION OF TEXTILE
- ROMANIA S.C.EUROCONF S.A.
- ROMANIA EXPOCONFINTEX SA
- ROMANIA SC ESCURIAL SRL
- RUSSIA PROFASHION PUBLISHING HOUSE
- RUSSIA NATANNGE INTEROFFICE MAGAZINE FMD
- RUSSIA SP MORGUNOV PHILIP ALEXANDROVICH
- NETHERLANDS BLOMME TEXTILES BVDIGITAL TEXTILE COMPANY
- UZBEKISTAN PC MIRZABOYA D

- UZBEKISTAN KAMOLA LTD
- UZBEKISTAN PC SAIDOVA M
- TUNUSIA EUROMED DISTRUBUTION SARL
- TUNUSIA AMTS ATAILER MEDITERRANEEN TEXTILE SOUSSE
- TUNUSIA MEDIFIL INTERNATIONAL

#### **VISITOR PROFILE**

- Ready-to-wear and Garment manufacturers
- Fashion designers
- Purchasing offices
- Textile wholesalers and Distributors
- Representative companies
- Chain stores purchasing officers
- Accessory wholesalers and Retailers
- Import and Export companies
- Agencies
- Production and R&D managers
- Other

#### **VISITOR STATISTICS**

Texbridge Istanbul has been visited by **14.540** professional visitors of which

2.970 was foreigners.

Turkish textile sector which is 3rd textile exporter in Europe left the fair

satisfied by signing new business agreements with the major buyers coming to

Texbridge Istanbul from USA, Russia, Canada, Germany, Iraq, Tunusia, Nigeria, Israil.

#### Spring / Summer 2014,

The Dutch trend forecaster Inkrit Berbee who determines the trends of the world's important textile fairs prepared a trend area for Texbridge called "Flight of Fantasy" where the Spring / Summer 2014 trends were exhibited.

Trend seminars organized by Uludag Textile Exporters Association (UTIB) were held where the professional names determining the coming years' fashion and color trends met the sector. The most famous trend forecasters from Europe & Turkey gathered at Texbridge İstanbul. The combined trend concepts of spring / summer 2014 has been set with the participation of Inkrit Berbee, Carola Seybold, Linas Lasiauskas, Yalcın Ayaydın, Osman Benzeş, Bahar







## Turkish textile sector met the professionals around the world

**Texbridge Istanbul**, was organized to respond the domestic and

international trade requirements of Turkish textile sector at top level

by considering the world textile and ready-to-wear market trends.

Starting its journey with the aim of connecting key players of textile

indusrty, Texbridge Istanbul has became the most influencial trade

fair for fabrics, yarn, trimmings and accessories. Worldwide famous

trend forecasters presented their 2014 Summer-Spring textile and

accessories trends at Texbridge Istanbul.

#### **TEXBRIDGE 2013**

Fair: Texbridge Istanbul - Textile and Accessories Fair

**Date:** 13-15 March 2013

Venue: CNR Expo Center, Yeşilkoy / Istanbul

**Period:** Twice a year

Organized by: ITF-Istanbul Fuarcılık A.S.

Cooperation with: UTiB - UludaG Textile Exporters

Association

Supporters: Ministry of Economy, TIM, IHKIB, UHKIB,

TGSD,

DENIB, DOSABSIAD, LASIAD, OTIAD, ORSAD, MESIAD,

GAIB and KOSGEB.

Exhibition Area (gross): 20,000 m<sup>2</sup> Number of Participants: 215 Number of Visitors: 15.540 Web: www.cnrtexbridge.com

# AFTER TEXBRIDGE THE WORLD'S FASHION AND 2014 SPRING SUMMER TRENDS WERE SET AT TEXBRIDGE

The textile and accessories fair Texbridge proved that it is approaching to its

target to become one of the top 3 fairs which the world considers as a reference

in textile and accessory selections with its trend seminars, trend offices,

participating companies and professional purchasers.

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### PRESS RELEASE



## HIGHTEX 2013 5th International Technical Textiles & Nonwoven Trade Fair



#### 29 MAY - 01 JUNE







Elteksmak, Arioli, Galvanin, Lawer, Canlar Group will take place. In the 7<sup>th</sup> Hall, giant names of also the print machines Durst, MS, Mimaki, Zimmer, Reggiani, Teknotan. Prodigital, BTC will introduce their products in their booths. In addition in Dyeing-Printing-Finishing Halls, world brands of laboratory devices manufacturer companies and textile chemicals manufacturer companies are participating.

#### HIGHTEX 2013 Fair is in 2nd and 10th Halls.

Nonwoven and technical textile manufacturer companies as OskarDilo, Andritz, Balkan, LawsonHemphill, Strema, Jartak, Robotech, Mali gibi teknoloji üreticilerinin yanı sıra: Korteks, Çiçek Nonwoven, Eurofiber, Tepaş, KTT, Nurteks, Apex, Vizoteks, Ertona, Hiltex are participating in the HIGHTEX 5th International Technical Textiles and Nonwoven Fair. Biggest textiles meeting of Middle East and Eastern Europe, in HIGHTEX 2013 International Technical Textiles and Nonwoven Fair which is the first and only on its own in Turkey; raw materials of technical textiles, and intermediate and final products and production technologies will be combined.

#### All about Yard is in International Istanbul Yarns Fair

Turkish Yarns Sector that takes place at first in Europe and first three in the world, is entering in new markets with 10th International Istanbul Yarns Fair. International Istanbul Yarns Fair that is the 2<sup>nd</sup> largest of the world in finished yarn area, is held in 2013 with record participation. Fair gets company and company representation over 150 from 12 companies with locomotive companies of the yarns sector together. It is possible to see technical yarns manufactured with high technology and products which will lead 2014-2015 fashion as well as tracks of the ecological trend that led last 10 years in garment and fashion industry in International Istanbul Yarns Fair. From the yarns that made of bamboo and say fiber yarn to organic yarn; from regenerated yarns obtained by recycling, to yarns manufactured by processes free from hezardous chemicals, a large range of green products is offered to the visitors' taste in 5th and 6th halls. It is expected that fair will lead the investment and exportation aims of the sector also this year.

#### Innovative Functional Textiles will be introduced too

Ozgen says "Cooperation networks with world industry must be increased to meet innovative and functional textiles in the world market of the research centers and needs in this direction, by 2BFUNTEX project where 26 countries from European Union participate and ITKIB ITA, ITU, Ege University and Oztek Textile are in from Turkey". General Manager of ITKIB ITA Sunday Ozgen says those while he's informing about the event: "By cooperation of ITKIB ITA and ITU, in ITU Teskisla on 30-31 May 2013 an International Convention and as an extension of this convention, on the upper floor of the entrance of the area where HIGHTEX International Technical Textiles and Nonwoven Fair which will be held on 1 June 2013, Technoshow and Project Market will be organized. By the Technoshow where experts from various universities and from abroad will make presentations and new functional and smart textile products will be introduces, it is expected hundreds of sector authorities will watch the Project Market where related 100 projects will be presented.

#### Official Airline of the Fairs is THY

Special price application will be done to the visitors and participants who come from abroad in accordance with agreement concluded with Turkish Airlines. According to the cooperation agreement concluded with Turkish Airlines, the official airline of the fair, in case visitors and participants prefer Turkish Airlines, they will benefit from discounts;

- · Up to %20 in Business Cabin,
- Up to %15 in Economy Cabin.

Detailed information about this application is available on: http://www.itm2013.com/tr/resmihevayolu.html.

#### On-Line Invitation

Online application from the website to supply direct entrance to the fairs will supply Visitors Name Badges to be ready when arrived at the fair field. For this reason, people who will visit the fair, it will be enough to fill the form up by clicking the ONLINE INVITATION link on the homepage at www.itm2013.com, www.hightex2013.com, www.istanbulyarnfair.com.









29 MAY - 01 JUNE

## BRANDS AND TECHNOLOGIES GATEWAY IN ITM TEXPO EUROSIA 2013'TE

Turkish and Foreign textile world held their breath and concentrated on the ITM TexpoEuroasia which will be organized on 29 May 1-June 2013. In this fair where global giants will make an official parade, new technologies and products that sector meets first, will be exhibited.

Countdown has started for the world textile sector's big gathering in Istanbul. HIGHTEX 2013 International Technical Textiles and Nonwovens Fair and Istanbul Fibre Fair which will be held simultaneously with ITM TexpoEuroasia 2013 where the most important brands and companies of the world participate and newest technologies in textile machinery will be exhibited, there are all preparations are completed. ITM TexpoEuroasia 2013 International Textile Machinery Fair which is done by support of TEMSAD with cooperation of Teknik Fuarcilik and Tüyap on 29 May - 1 June 2013; will gather world's most important technology brands in Istanbul. HIGHTEXT 2012 International Technical Textiles and Norwovens Fair and Istanbul Fibre Fair which will be held at the same time with this fair will gather leading local and foreign product developer companies together. These 3 fairs are held on 21-24 April 2012 simultaneously and Istanbul hosted world textile industrialists. An important development this year: all woven machine manufacturers will exhibit their latest model machines in ITM TexpoEruoasia 2013 in running situation.

#### Latest products and technologies

In the 8th and 9th Halls where weaving technologies will take place, machine manufacturer companies like ITEMA Group, Van de Wiele, Picanol, Tsudakoma, Dornier, Panter will exhibit their latest models. In additional, world known weaving technology manufacturer companies like Staubli, Bonas, CCI Tech, Iro, Roj, Groz, Willy will take place with their latest technologies. In the 2nd Hall where fibre technologies will be exhibited in ITM TexpoEuroasia 2012 Fair: especially companies Murata- Muratec, Electrojet, SML, LMW, Milhan Makine, Murata, OerlikonBarmaq, OerlikonNeumaq, OerlikonSaurerAllma, OerlikonSaurerVolkmann, Schlafhorst, Superba, Power-Heat-Seat, Starlinger, Graf, Fadis, Savio, LohiaStarlinger, Ağteks, Uster, Milhan, Huzur; Turkey's and World's most important companies and representations will take place in subjects of Cotton and Fiber Preparation Machines, Yarn Preparing Machines and Accessories, Yarn Twisting Mechine. These important names of the sector will introduce their new machines and technologies. In the 12th Hell where knitting and hosiery machinery will take place, many world leader companies as Terrot, Pilotelli, Orizio, Monarch, Mayer, PaiLung, KeumYong, Vignoni, Santoni, Lonati, Stoll, ShimaSeiki, Steiger, Karl Mayer, PaiLung will exhibit their machines. In the 3<sup>rd</sup> and 7<sup>th</sup> Halls where have Dyeing-Printing-Finishing technologies and side-industry sections: Technology manufacturers as Has Group/TTM Makine, Ferraro, Bruckner, A.Kusters, SantexGroup, Heliot, MCS, L.Bellini, Biancalani, M.Antonio, Tonello, MHM, FongsGroup, Firnat, Cibitex,







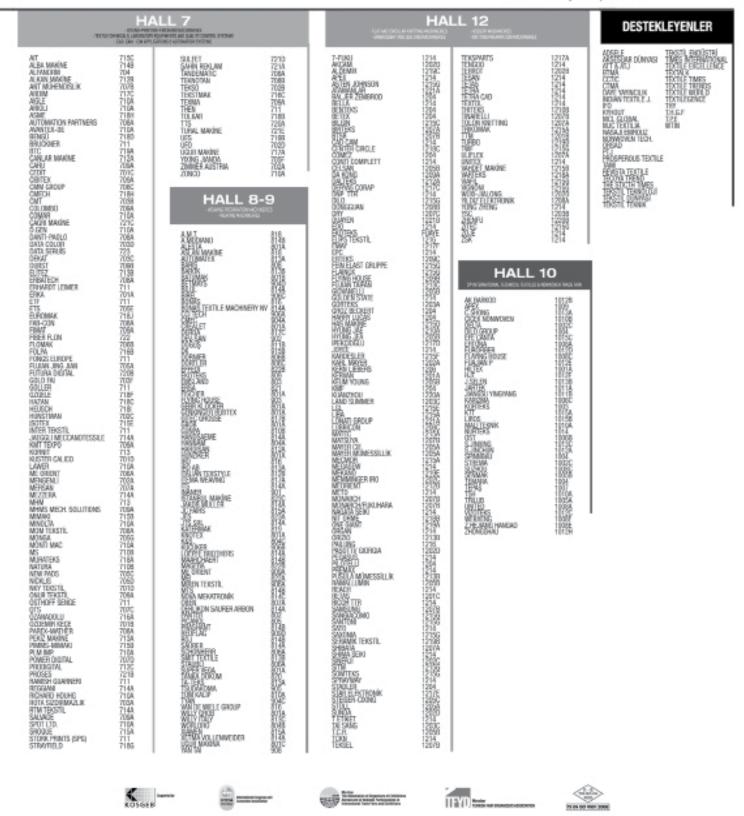
## The meeting venue of the Eurasia

#### 29 May - 1 June 2013



TÜYAP / İSTANBUL

Current list by 15 April 2013











## HIGHTEX 20

5th International Technical Textiles & Nonwoven Trade Fair



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#### HALL 2

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ALHORA	2028	O.SAURER ALLIMA	219
ALXII.	208A	DERLIKON BARIMAG	201A
ANDRITZ	204A	DERLIKON NEUMAG	201A
ARI TICARET ARMIN	222C 207B	OERLIKON SCHLARHORST OMMI	218A 215A
AUTERA SOLUTIONS	215A	OFMEK MAKINE	212W
BALKAN MAKINE	207A	(20EMR	2030
BB ENGINEERING BCY	201A 207D	OZTEKS DAMINA	201C 222C
BEWARR	211C	PANNA PERFECT ENGINEERING	215A
BERKOLAN	2168	PIERRET	208R
RESCH	204D	PIDWN	201B
BIANCO BOD KHANG TECH.	2168 2238	POWER-HEAT-SET PREMIER	201A 219
BRACKER	2168	PRICMON	216B
BURCKHARDT	219	PROSIND	219
CANALAR	2088 219	ORIGOAO TEXTILE MACHINERY REINERS+ RURST	215C 220A
OMEC	2114	RESEDA BINDER	216B
OMEC	223E	RIMITEX	218A
CMT	2220	ENGRAIN	2220
CROSNOL CTIVE	201C 205E	ROBOTECH ROTORCIAFT	2008 219
ститс	221	ROZA PLASTIK	210B
DIFAZ	2128	SACAR	222C
DRB S-WERK DXXMAX	218A 204F	SALCE SALMORAGH	218A 215A
BLECTRO JET	217	SAMITERS	215B
DUDCTROM	204B	SAWNIA	2050
BLEITEX David Technica	222C	SANT ANDREAS NOVARA	219
ENKATECNICA ERLER	201A 218A	SAVIDES SAVIO	216B 215A
ERINST HOLZ	220A	SCAGLIA	2154
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FLANG HOUSE	215A 2050	SERWINCON SETEX	222A 218A
RLBS	2028	SEYDEL.	219
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BUALCHERAIN BALING SYS.	201A 215A	SEGER SM TEKNO	223D
<b>GUALCHERI &amp; GUALCHERI</b>	215A	SMET	215A
HD.I	215A	SML	2144
HEMAIS HEMIZETH	214C 201C	SONLER NEUENHAUSER SONDOO PLASTIC	210A 210A
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SMAK	209C	STARLINGER	201A
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MELLI MTA MAKINE	212D 217	SAVAL PLASTIK TJAVIERA	2136 2130
MTERTENSTIL	215C	TAKUKOGLU	21.74
JACOB1	215C 216B 214C	TECHNOPLANTS	2088
JAKARSAN JINIMAO NEEDLES	214C 2088	TEXTIL SERVIS	201A
JSM	205A	TEMAK TESTING MACHINE	253V
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ALEMAN .	310A
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2550	3128
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CSA.	301A 305C 317C
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CLEMIPIEGA	312A
COLOR SERVICE	3129
CORINO	3128
DALBAKRAN	306E
DEMAS MAKINE	3168
DEMSAN	308A
DENGE KIMYA.	307C
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DATEMEN	306F
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EXTEN	301A 303A
FEILONG	303A
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HETEKS.	311
FORMAK.	9000
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GÜVEN CELİK GÜVEN MAKINE	3088
CINENTIMANE	3054
HAS GROUP	313
HAVER & BOECKER ONG	2018
IKY GMBH	301A 301A
INV UMOT	2018
SOTEX KALKAN FIRÇA	301A
ENCHART THEOR	3048
KARIMAK KIG MAKINE KEY CHENG KORTING HANNOVER AG	3058 310E 303A
NG MOVENE	310E
KEY CHENG	303A 301A
KORTING HAWMONER AG	301A
LACCH	312A 302B
LAP	3028
MAISTER MATEX	3128
MATEX	312A
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MITSING IN MAKENIT	309A 309B
METSA	3098
MOATI JATONIO	313A 307B
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BOLTEVS	308C
POCHANI	317A
BOOCED	9075
PROSER PUG GROUP	307D 312B
RECOMAN	306C
DECEMBER OF	3000
RF SYSTEMS BOTA	312A 304C
BUIA	3040
SAGA	303A
SANTEKAG	301A 301A
SCHILL+SEILACHER GMBH	3UTA
SEFAR AG SLEWIM	301A
SLERIM	
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SPERDITO RIMAR	301A
	315
STALAM	
SENER MAKINE	
STALAM SENER MAKINE TAC KRUDIK TECHNONAMA	3140
TECNOPAMA.	
TEKSEL.	3128
TEROTILDIZ:	2028
TMA	303A
TONELLO.	3128
TTM NAKME	313A 313
HEO.	302C
ULIBRIGE	7071.8
UNITECH COMET	311
VEGA	306A

#### HALL 4

AKDADA.	410E
PARLIMAN.	7100
ANUS	40-5%
ARGETEK ASIL MAKINE	4116
ADD MANAGED	483.489F
SOL WALLEC	782,700
BAJAJ .	4000
BURA PARAFIN	4339
CHANGZHOU PUNYUAN	4369
CHANGZHOU HENGGIA	4900
LEPAREACTOU FILINGUA.	4900
CMEC	408B-409D
COSINE	4000
CTMA	ANGE
KINDO	198
CAMSEL FORTE	4945
FURIE	4118
ERDEM	410C
GENETITEC	407A-411E
GENERAL DE	46174-4116
GELIPRO	410F
GONDOZ BULMAN	40114
RENAV	49/3
HSMAIG	4540
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COSER TENSTIL	4540
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PANEOW	425A
SAMY	430E
SHANGAHI HVOCHWIG	ATTO
PLINE PRO LEGAL PRINCIPLE	7010
SHAMSALJCAC SHADRING	4015
SHADRING	411F
585	4110
1EXMA	2100
15SMA	7990
DISMA	410E
THAIGH	4116
TEXINDEX	4396
TMCNI	4500
THE ROLLINSON	4016
WUKI HENGD	4110
WORD HONGYUAN	401E
WARSAR	410F
WINES DESCRIPT	4110
SHARE DIRECTOR	75.150
YUESJIAN	4010
ZHESIANG JINGGOING	400F

### HALL 5-6

0	
ACINE TEKSTIL	618/B
AKAN IPLIK	525/
AKGÜL DOKUMAJAPRE BOYA	600/D
AKREN İPLİK SAN, TİC, A.Ş.	618/A
	621VB
ALFREDO MODINAD MÓM.	506/C
ANADOLU IPLIK VE TEKSTIL.	806/6
AND IPLIK TERSTIL.	529/6
ARAS IPLIK	612
APLONIPLIK	602/C
AMMER DIŞ TİC, A.Ş.	619
BALSUYU MEMBUCAT	519/A
BAŞNAZICIDĞLU TEKSTİL	615/A
BELING MEDRIENT	513/A
BESTELAST TEXSTIL.	621/A
BETARBAS METALÍZE	629
ON TEKSTIL BURHANETTIN DILLI	506/D
CANAN TEXSTIL.	519/6
CCI (NINGSC)	503/C
CHANGSHU HONEST	508/B
CHINA SILK	508/C
CHONODING SANKIA	506/H
ÇELİKASLAN TEKSTİL	618/B
EDWTERS TERSTIL.	617/C
ELIFTEKS TEKSTÍL	624
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COSMIRUKTESTI.

DÍNE) NILYON AHMI HWISH PLÍK

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HWGZHOLACHUA HWGZHOLHUNS-

HANGEHOURAND HANGEHOURAND

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HANGHOUZHIANZA

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BOTBSTBSTLIR/TH. BISOTBSTLING

MO PLKTESTI.

JANESU GUOTA JANESU LIAWADAG

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KANDBIRDOLUNG TAH.

JACOUS DOME JANUAR CROSS

KARATRŞ İPLİK

KNIMATEKETE

MESTESTI.

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