



Prato textile entrepreneurs going to UK for a study visit about R&D and creativity within the CREATE project

The CREATE project, funded by the European Commission, has the objective of **supporting the textile district of Prato, promoting the creativity and the innovation in the sector textile-fashion** (<http://www.toscanapromozione.it/CREATE.html>). In the project framework, Next Technology Tecnotessile organizes a study visit in United Kingdom for a group of local entrepreneurs; the mission to United Kingdom includes a study visit to the “**Huddersfield Textile Centre of Excellence**”, an important research and training center in the field of textile, with advanced developed technologies, anti-falsification, laser and plasma for the treatment of textile surfaces.

The visit includes the following institutes:

- University of Huddersfield – School of Fashion and Textiles (<http://www.hud.ac.uk/>, <http://www.hud.ac.uk/ourstaff/profile/index.php?staffuid=sdeska>)
- Companies from Huddersfield area
- London College of Fashion (www.arts.ac.uk/fashion)

The mission is scheduled for the days **5-6-7 November 2014**.



Fancy dyeing process of natural fibers with natural dyes by direct use of vegetable plants – FANCOV



As it is known, the ecological products are taking on more and more relevance on the customers preferences. For this reason, the new company **TRAFI CREATIVITA' TESSILE S.r.l.**, result of the union between Trafi Srl and Hasar Srl, both active in the production of fabrics and textile products, has developed, with the support of **NEXT TECHNOLOGY TECNOTESSILE** a research to use plants with dyeing properties on the realization of fancy dyes on clothes, wovens and yarns. The natural dye is realized by doing a decoction with the plant, in order to get the colorant and put the textile into the obtained mixture.

The objective of this project is the implementation of a new system of textile dyeing with a new system different from the traditional natural techniques. The difference from the traditional techniques is in the elimination of the decoction phase and in the extraction of the color directly from the plant sprinkled in pieces or powder on the textile/clothe, that is at the same time fixed. Other advantages of the designed technique is the low environmental impact and the realization of anallergic products.



Greenpeace with the textile industry: important news

A fashion without toxic substances is possible. Here is how.

This is the message launched from Greenpeace to the journalists during the press conference of 22th September 2014.

The speech continues: “The challenge launched two years ago by Greenpeace to the most important brands of high fashion from Greenpeace with “the fashion duel” (it.thefashionduel.com) has been received by Valentino Fashion Group, who committed to clean its supply chain from dangerous chemicals substances. Now also important companies of the textile sector decided to give their contribution for the protection of the world water resources”.

The meeting saw the participation of the Italian textile industry and of the big fashion brands, to present the work made until now to get fashion #ToxicFree and announce new commitments to eliminate dangerous chemical substances, joining the Detox campaign of Greenpeace.

There will be, among the others: Andrea Ferrero, CEO of Miroglio Textile, Emanuele Bertoli, CEO of Berbrand srl, Chiara Campione, Project Leader “The Fashion Duel” Greenpeace Italy.

Moderator of the meeting: Fabia Di Drusco, L’Uomo Vogue. Sustainability-lab will participate.

Source: <http://www.sustainability-lab.net/it/blogs/sustainability-lab-news/greenpeace-insieme-allindustria-tessile->

Detox our future

The Detox campaign is powered by more than half a million people, demanding toxic-free fashion and clean water. Together we are challenging some of the world's most popular clothing brands to work with their suppliers and eliminate all releases of hazardous chemicals into our water.

Twenty global fashion leaders have committed to Detox in response to the growing international campaign (Nike, Adidas Puma, H&M, M&S, C&A, Li-Ning, Zara, Mango, Esprit, Levi's, Uniqlo, Benetton, Victoria's Secret, G-Star Raw, Valentino, Coop, Canepa, Burberry, Primark). However, other clothing companies, like GAP, American Apparel and Disney still need to respond to the urgency of the situation, detox their brands and help Detox our future.

<http://www.greenpeace.org/international/en/campaigns/toxics/water/detox/>



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OFFICINA TOSCANA PER L'INNOVAZIONE E LA RICERCA DI SETTORE POLO DELL'INNOVAZIONE PER IL SISTEMA MODA





KIIAN DIGITAL AND J-TECK₃ JOIN FORCES TO MEET THE FUTURE CHALLENGES OF DIGITAL PRINTING

Kiian Digital and J-Teck3 are joining forces to create a new group with extended capability and greater resources to meet the challenges resulting from the growth of the digital printing sector.

Both companies have a record of accomplishment of innovation, quality, reliability and sound financial performance. The new Group reflects the strategic consolidation in the digital printing market, with the two companies retaining their independence. J-Teck₃, which has just celebrated its 10th anniversary, has a technologically driven business approach that permits rapid development of new products. J-Teck₃ has brought to market a wide variety of disperse, sublimation and pigment inks for printing. The diversity of the various products marks the leading position of J-Teck₃ in the global market. Kiian Digital has a long history of providing chemicals and digital inks and is considered as the trusted commercial and technical partner in over 90 countries worldwide. Combining the two companies' strengths leads to a significantly increased global coverage to all key segments with a joint portfolio

of inks that is compatible with a wide variety of digital print heads. Maintaining its focus on high quality industry standards and on driving market expansion internationally, the new Group will give the customer base the benefits of a combined R&D and customer service. Kiian Digital President Dennis Wilby states: "Thanks to the support provided by our shareholders Alcedo SGR and Wise SGR, we have been making important investments in our production capability in recent months including a new facility in USA last year and a state of the art production and development centre near Como which comes on stream later this year.

Following our focus in the US market earlier this year in acquiring our distribution partner, we are now embarking on a further new project a growing international business with a strong product capability. The coming together of our two companies will strengthen our ability to service our customers worldwide and ensure that the many years of experience and know-how of both companies will be of increased benefit to the print industry." The management of J-Teck₃, Italo Mariani and Enrico Grasselli, former owners of J-Teck₃, both of them added: "We are delighted to join forces with Kiian, since our companies share common values and our product offerings are complementary. Putting together our resources - technical, production and marketing - we are much better able to maximize the potential synergies and give the digital ink market a service and support of the highest level." The two management teams, including the former J-Teck₃ owners, will continue to be fully involved in the ongoing development of the business.



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CREATE is a Preparatory Action proposed by the European Parliament and implemented through a Grant Agreement by the European Commission's Directorate-General for Enterprise and Industry



Orange Fiber, startup funded by two young Sicilian women, launched the prototype of a yarn produced with waste of citrus.



The adventure of **Adriana Santanocito**, 36 years, and **Enrica Arena**, 28, started two years ago, when they were finishing their studies and sharing a flat. “We met every night for dinner to share our dreams: Adriana wanted to become a fashion designer with an innovative and sustainable product and Enrica wanted to work in sustainable development and social entrepreneurship. All of a sudden Orange Fiber came to their mind: “What if we could use citrus products to create a textile?” Sicily is rich in citrus products; every year more than 700.000 tons of industrial waste are produced - in Italy - from citrus transformation.

The project idea is to re-use this byproduct to catch the ongoing revolution in the fashion industry: sustainable fashion. So Adriana started to study how to create a textile from organic biomass and specifically from citrus for her dissertation, she tested her hypotheses in the lab with Politecnico of Milano and patented the innovation.

The process that they are developing has different added values: improvement of the textile sector, reduction of orange waste and CO2 emissions, environmental saving in relation with the traditional methods of yarns (considering that oil is notoriously polluting and cotton requires intensive use of water resources, land, fertilizers). Moreover, the sustainable textile is very healthy as it contains natural oils releasing vitamins on the skin of everyone who wears it.

This newsletter was realised by the leading organisation of OTIR2020 cluster:



Brief news

RecycleTherm KM0

Thermo acoustic insulating fibers recycled from the recovery of waste pre and post consumption of the industries of textile district of Prato and the collection of disused clothing. The product is 100% recyclable.

Info: www.maiano.it

New Joint Venue for Berlin Fashion Week

The two trade fairs Ethical Fashion Show and Green Showroom are together forming Europe’s biggest platform for green fashion.

Postbahnhof, from 19 to 21 January 2015

Courses for nonwovens

INDA, the Association of the Nonwoven Fabrics Industry and North Carolina State University’s Nonwovens Institute (NWI) have jointly organized series of nonwovens short courses entitled *The Professional Development Series*.

More info [here](#)



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