

EUROPEAN NETWORK FOR NEW TECHNOLOGIES AND BUSINESS OPPORTUNITIES IN FUNCTIONAL TEXTILES

NEWSLETTER Issue 5, August 2014

GENERAL

The 4-year project 2BFUNTEX funded by the EC 7th Framework Programme NMP, started on **January 1, 2012**. The final goal of 2BFUNTEX is to consolidate all information gained in solid collaborations between academia and industry, resulting in rapid translation of research ideas and technologies in industrial applications.

CURRENT ACTIVITIES AND EVENTS

A special 2BFUNTEX session was held at the 9th Annual Public Conference of the European Technology Platform for the Future of Textiles and Clothing (ETP). The Conference was conducted on March 31 – April 1, 2014 in Brussels under the title **'Effective textile technology transfer from research to industry'**:

- Transfer of innovations in functional textiles to industry – project overview and results (Paul Kiekens)
- 2BFUNTEX Open Innovation Platform www.2BFUNTEX.eu as a technology transfer tool (Els Van der Burght, Ghent University, Belgium)
- Introduction to 2BFUNTEX multi-disciplinary teams (Bojana Vončina, University of Maribor, Slovenia)
- From idea to launch: challenges for academic-industrial partnerships (Jan Mahy, Bonar, the Netherlands)
- Technology transfer of cellulose carbamate fibre (Ali Harlin, VTT, Finland)
- How to engage companies from 3 different sectors to innovate (Harald Bleier, The Business Agency of Lower Austria, Austria).



Harald Bleier
Austria



Jan Mahy
The Netherlands



Ali Harlin
Finland



ETP Conference 2014; Day 2 – 1 April, 2BFUNTEX Session

Financing textile innovations and managing Intellectual Property Rights (IPR) were also discussed at the ETP conference.

- SME access to research and innovation finance (Samuël Maenhout, EC-DG Research & Innovation)
- Managing IPR in Horizon2020 (Michel Poireau, EC-DG Research & Innovation)
- Especially, the IPR analysis made by Petra Franitza (STFI, Germany) offered new impulses and inspired lively discussions. IPR can play a positive role in encouraging new business development and inducing technology acquisition and creation.



Different forms of IPR can be used for successful academia-industry partnerships, such as confidentiality agreements, consortium agreements and trade secrets. It is also important to clarify access rights to background in order to protect information and knowledge held by the participants prior to their accession to the agreements as well as any IPR which are needed for carrying out the project or for using foreground as the results, materials and knowledge generated on a given project.

NEWS FROM MULTI-DISCIPLINARY TEAMS (MDT)

Last year 2BFUNTEX launched **8 multidisciplinary teams (MDTs)** that collaborate along the following specific research topics:

- Antimicrobial Textiles
- Biotechnologies
- Electrospinning
- Flame retardancy
- Nanotechnologies
- Plasma
- Smart Textiles
- Sustainable Textiles

During the 5th 2BFUNTEX Workshop on 1st and 2nd April 2014 all 8 MDT's had meetings on Action Planning, with the aim to define several innovation prototypes by the end of 2015. They focused on **concrete project ideas** and developed necessary activities. In our multidisciplinary teams, there are professionals from different disciplines who discuss research directions and develop together demonstrators based on products and knowhow of the members as well as design joint projects. Usually, teams meet face-to-face or by teleconference on a regular basis, depending on the availability and geographic location of team members.



left: Amaya Igartua Aranzabal (Fundacion Tekniker, Spain)
right: Antonela Curteza (The Gheorghe Asachi Technical University of Iasi, Romania)



left: John Ellis (Devan Chemicals, UK)
right: Brian McCarthy (TechniTex, UK)



Working environment during the 2BFUNTEX workshop in Brussels on the 1st of April, 2014 – MDT methodology, ways of working and supporting tools

Each MDT is led by an academic and an industrial team leader and identifies tangible gaps between available technologies and medium to long-term industrial needs and develops new project ideas. **All MDTs are still open to researchers and industrial persons from outside the 2BFUNTEX consortium.**

More information about our MDTs and how to join is available on the 2BFUNTEX website <http://www.2bfuntex.eu/content/2bfuntex-multidisciplinary-teams-mdt>.

The next MDT meetings are planned on September 17 and 19, 2014 in Warsaw (Poland) in combination with the European Materials Research Society (E-MRS) Fall 2014 meeting, which includes [Symposium M on "Functional textiles – from research and development to innovations and industrial uptake"](#) organised by 2BFUNTEX in cooperation with COST Actions MP1105 and MP1206. A more detailed agenda will be available on the 2BFUNTEX website mid August. The idea is that the MDT meetings will focus on project building on one specific topic. Based on a draft proposal, a partner search will be prepared by specifying the type of partners and expertise needed.

UPCOMING EVENTS ON FUNCTIONAL TEXTILES

- [CORTEP'2014](#): 15th Romanian Textiles & Leather Conference, Poiana Brasov, Romania, 4-6 September, 2014
- [Ambience14&10i3m Conference](#), Tampere, Finland, 7-9 September, 2014
- [E-MRS 2014 FALL MEETING: Symposium M on Functional Textiles](#), Warsaw, Poland, 15-19 September, 2014
- [ITC&DC 2014](#): 7th International Textile Clothing & Design Conference, Dubrovnik, Croatia, 5-8 October, 2014
- [COST MP1105 workshop on Characterisation of flame retardant textile and related materials](#), Dubrovnik, Croatia, 7 October, 2014
- [International Conference on Textile Coating and Laminating](#), Cannes, France, 4-5 November, 2014

Join our group on



For further information on 2BFUNTEX please contact Info@2bfuntex.eu

Imprint: Victoria Dutschk, University of Twente, NL
Brian McCarthy, TechniTex, UK