



2BFUNTEX : a European Platform for innovative functionalisation of textile materials strengthening the European industry

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54th Dornbirn Man-made Fibers Congress
16 September 2015



Coordination Support Action
NMP 2011 2 3-3
Grant Agreement n°290500

- Project Title :
Boosting collaboration between research centres and industry to enhance **rapid industrial uptake** of **Innovative Functional Textile Structures** and Textile related Materials in a global Market
- Project Coordinator :
Prof. Paul Kiekens, UGent
- Project Duration :
01/01/2012 – 31/12/2015

Aim of 2BFUNTEX

To facilitate the transfer of
innovations in textile
functionalisation
into new products and
applications



Consortium

We are 26 partners from 16 countries, working together to transfer new functional textile technologies to the industry.

16 partners representing research & training
10 partners representing industry



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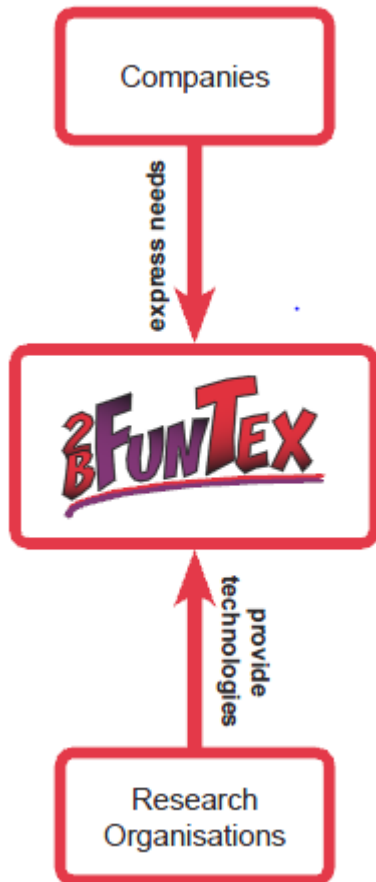
- A website with interactive databases and information system : www.2BFUNTEX.eu
- A meeting place for project ideas & partner search
- A training materials database + development of training materials
- Creation of multidisciplinary teams in the field of functional materials and oriented towards *industry*
- Conferences, workshops (for SMEs), brokerage events, training courses, ...

Expected impact

2BFUNTEX deals with closing the gap between research and industry in the field of functional textile structures and textile related materials

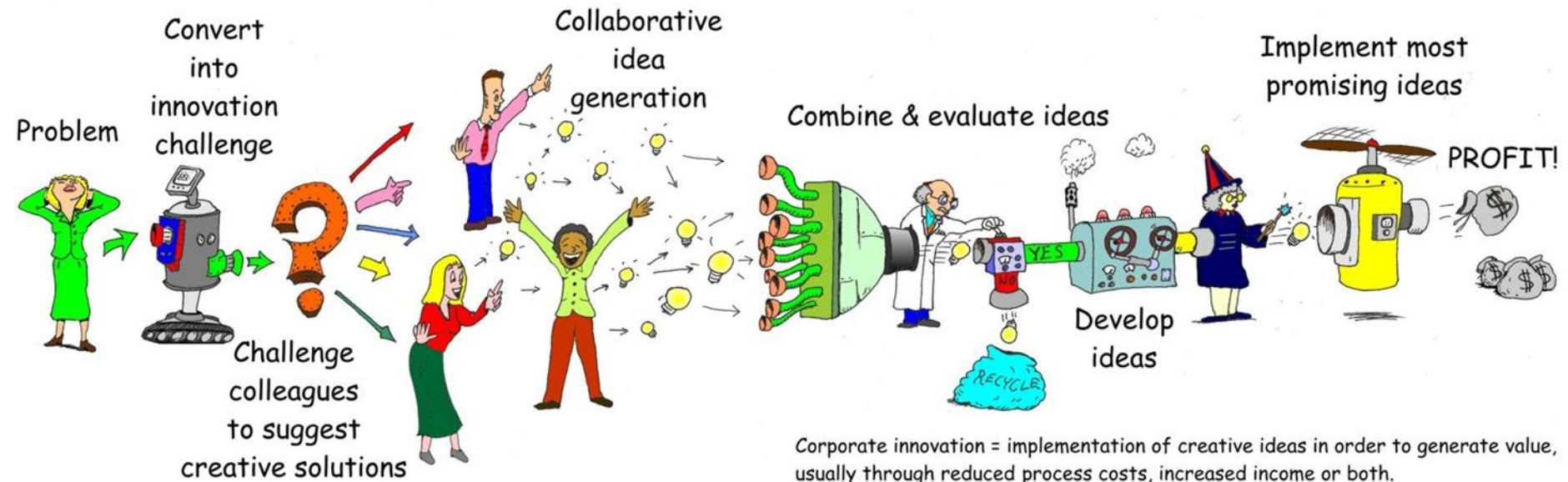
- exploiting the untapped technological potential
- fostering a multidisciplinary approach

→ **faster industrial uptake**



Compare medium to long-term **industrial needs** to available **technologies and expertise**

- Create **research ideas**
- Form **multidisciplinary teams (MDTs)**
- Joint research **projects** (including industry)



- **Creation of multidisciplinary teams** where members of teams form collective identities to recognize and coordinate individual expertise and work towards the accomplishment of common goals
- Creation of **sustainable networks and partnerships** to find appropriate/fast solutions for identified industrial needs
- Effective **transfer of research results/prototypes to industry**



8 MDTs are identifying the gaps between available technologies and industrial needs and developing ideas for new collaborative projects on:

1. Antimicrobial textiles
2. Smart textiles
3. Nanotechnology
4. Flame retardancy
5. Biotechnology
6. Electrospinning
7. Plasma
8. Sustainable textiles

If you want to join a MDT:

- To exploit the untapped potentials in functional textile structures and textile related materials,
- To reinforce the synergy and collaboration with researchers from industries, institutes and universities worldwide
- To focus on the effective transfer of research results to industry
- To be involved at all stages of the process and be able to adapt production methods, management,...

Please contact:

- One of the MDT leaders via the 2BFUNTEX website (www.2BFUNTEX.eu) or
- MDT coordinator, Prof. Bojana Voncina (bojana.voncina@um.si) or
- 2BFUNTEX project coordinator (info@2BFUNTEX.eu)

www.2BFUNTEX.eu

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- **marketplace for all stakeholders** involved in functional textile structures and textile related materials
- **platform for current and future actions** in research, education and technology transfer to industry

www.2BFUNTEX.eu

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- **transfer of information** to a wide public
- **raise awareness** of the potential of functional materials
 - **increase acceptance** of technologies

Search

Already 61 technologies, 134 projects and 541 users registered!

Register Now!

It only takes a minute.

And get free access to the full database containing Project, Technologies, Training Materials,...

Free registration

About the Project

The FP7 Coordination Action **2BFUNTEX** will exploit the untapped potential in functional textile structures and textile related materials.

It will bring together all innovation actors in the field fostering a multidisciplinary approach between universities, research institutes, SMEs and sector associations.

[Read More...](#)

Latest News

08/07/2015 - TECLO survey on skills needs of the textile and clothing European industry : you can give your input until 17th July 2015!

10/06/2015 - 2BFUNTEX Technology Competition

09/06/2015 - NWtexnet Appoints Director of Composites

23/02/2015 - ITU received a project grant of 900.000 Euros from the Call H2020-MSCA-RISE-2014, related to Welding of E-Textiles for Interactive Clothing

19/01/2015 - First INCOMERA Call for projects is now open

[View all news items](#)

Latest Technologies

UV-cured chitosan filters for water sterilization

Nanocomposite nanofibre filters for treatment of air and water

Antibacterial and EMI-shielding textiles

Smart Sensing technology

Technical center for fibre composites

Latest Projects

Influence of Composition of Nanofibrous Web on the Functional Properties of...

Textile and Clothing Knowledge Alliance. Future textile and clothing managers...

H2020-NMP: Trash-2-Cash: Designed high-value products from zero-value waste...

Design Driven Value Chains in the World of Cellulose 2.0

ECOLORO: Reuse of Waste Water from the Textile Industry - H2020

Multidisciplinary Teams

Join the 2BFUNTEX Multidisciplinary Teams to prepare future projects oriented towards industry.

Upcoming Events

27/08/2015 SwissTextiles Innovation Day

16/09/2015 54th DORNBIRN MAN-MADE FIBERS CONGRESS

05/10/2015 SALTEX smart and light textiles

14/10/2015 6th International Technical Textiles Congress (ITTC2015)

15/10/2015 COST MP1105 Workshop on "Flame Retardancy Applications and Related Regulations..."

14/11/2015 2BFUNTEX Final conference on Technology Transfer of Functional Textile...

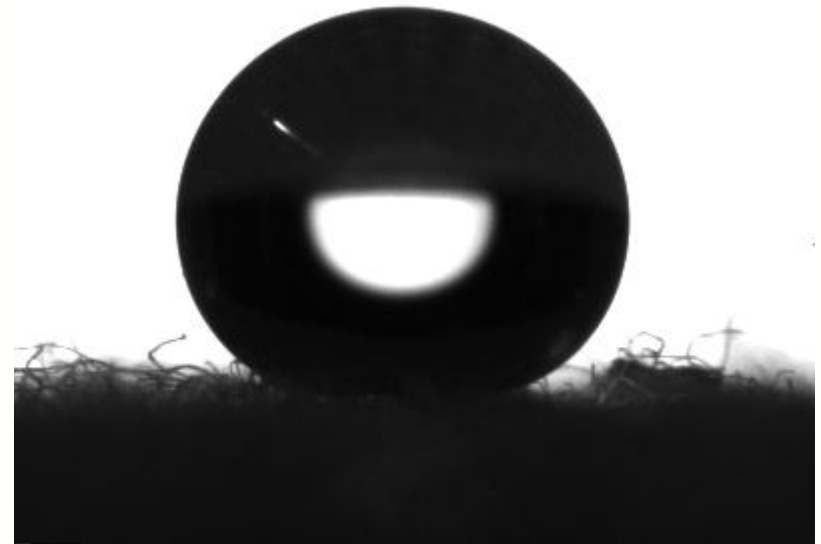
26/11/2015 9. AACHEN-DRESDEN INTERNATIONAL TEXTILE CONFERENCE 2015

[View all upcoming events](#)



If you are a research organisation :

2BFUNTEX will help you to present your current & future actions in research, education and technologies related to functional textile materials



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All information related to functional textiles will be accessible through 2BFUNTEX.eu

- Project descriptions & Project ideas
- Technologies available
- Training activities
- Events
- ...

Create Technology

Step 1 of 4 Owner of technology details

Technology name *

Specify a one line name for your technology.

Owner Name *

Specify

Country *

Legal Status

Cluster
SME
Large companies

Specify the legal status of the owner of the technology

Contact Person

Specify the person to be contacted about the technology

Contact Email

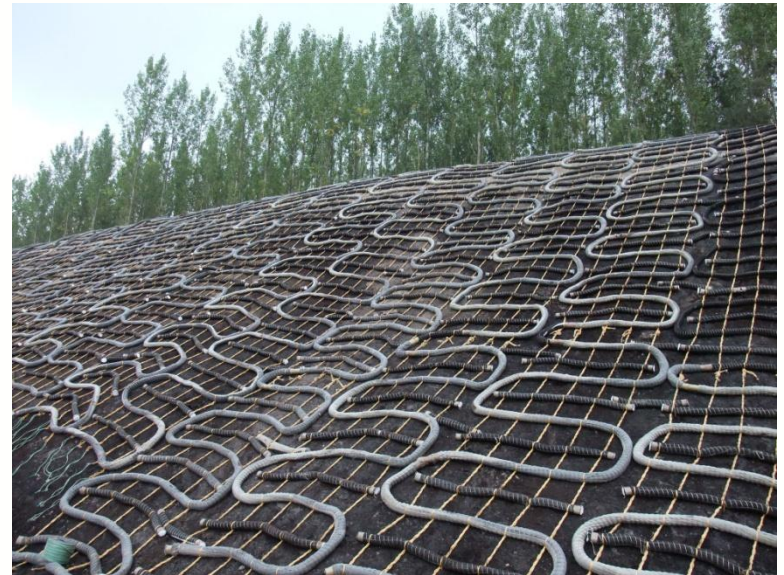
Contact Phone



If you are a company or a cluster :

2BFUNTEX.EU is the place to be in order to :

- Detect new technologies & business opportunities
- Offer your technologies
- Express your needs & technology requests
- Look for partners
- Be in contact with research teams across Europe



Create Industrial Need

Step 1 of 4 Identification / confidential

Title *

Name of company / organisation

Stays confidential to the site administrators.

Legal Status *

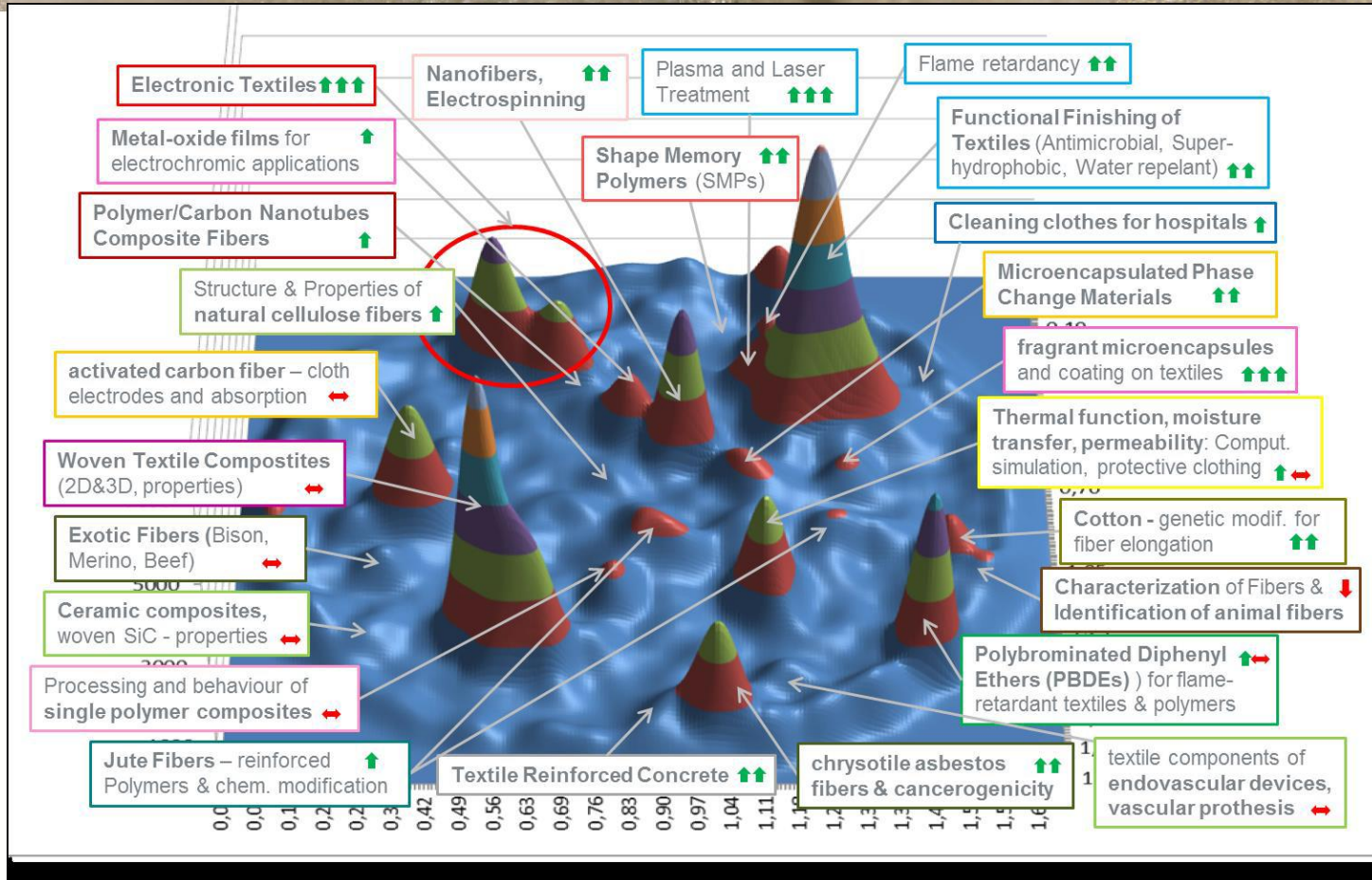
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Country

Are you acting for a third party? *

- No
 Yes

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Analysis of Research Fronts in Scientific Publications on “Functional Textiles” 1989 to 2012 (drawn up by the Austrian Institute of Technology).

- Training materials database : all training providers can upload information on their training materials on www.2BFUNTEX.eu
- 2BFUNTEX Training materials developed :
 - Nanomaterials and Nanotechnologies: Colloidal and Interfacial Aspects
 - Electrospinning of nanofibres and their applications
 - Protective functional textiles
 - Sustainable textiles
 - Recycling of textile materials
 - Smart textiles



2BFUNTEX Final Conference

Saturday 14th November 2015

ITMA 2015, Milan, Italy

Speakers' Platform, Exhibition Hall 8

Successful cases of effective technology transfer on functional textiles between research & industry will be presented with special focus on :

- Antimicrobial textiles
- Smart Textiles
- Nanotechnologies
- Flame retardancy
- Biotechnology
- Electrospinning
- Plasma
- Sustainable textiles
- Other functional textiles for technical applications
- 2BFUNTEX Technology awards

More information : www.2BFUNTEX.eu and

<http://www.itma.com/conferences/concurrent-events/2bfuntex-final-conference>



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2BFUNTEX Technology Awards

In 2015, the 2BFUNTEX consortium organises a **Technology competition**. If you are a research organisation or an SME and you have developed a new technology in the field of functional textiles that you wish to transfer to industry, you are invited to **upload your technology on the 2BFUNTEX Open Innovation Platform** www.2BFUNTEX.eu before **30th September 2015**.

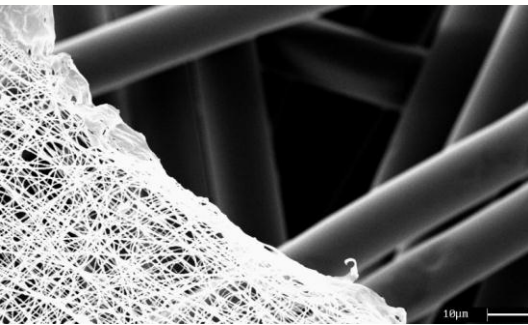
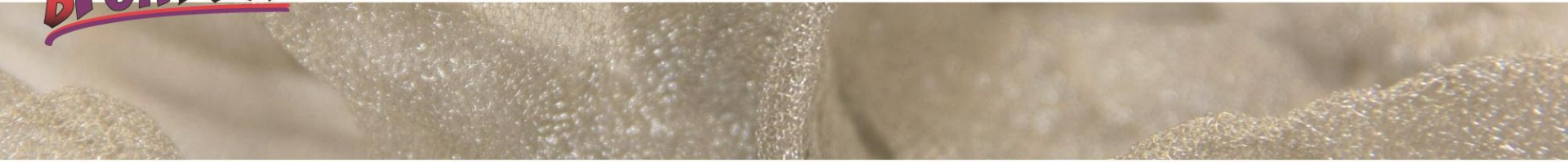
The 2 most promising technologies will be selected, and the winners will be given the **opportunity to give a presentation at the 2BFUNTEX Final Conference** on Saturday 14th November 2015 at ITMA 2015 and receive a contribution to cover their travel expenses up to max. 500 Euro

More information : [2BFUNTEX.eu](http://www.2BFUNTEX.eu) and <http://www.itma.com/conferences/concurrent-events/2bfuntex-final-conference>

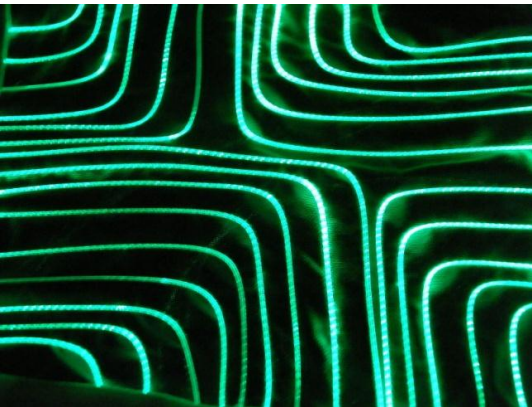




Information



URL : www.2BFUNTEX.eu



E-mail : info@2BFUNTEX.eu



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On behalf of the 2BFUNTEX partners

Thank you for your attention

Questions?



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