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**Systemex - the driving wheel towards more intelligent textile systems - gathers momentum:**

- The database went online in February
- Europe wide lobbying efforts are in progress
- First membership requests have been generated through Europe

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**SYSTEMEX**, an ICT project of the Seventh Framework Programme, is a new co-ordination effort between the different knowledge carriers industry, academic and government institutions, research and users in order to pool and evaluate the existing information, generate new interaction between the different players and foster commercialization.

During a consortium meeting in Lille the framework of the database, that went online in February had been presented. Up till now already more than 560 references to papers in the field of intelligent textiles entered the database. This is the first effort to collect all existing information in Europe related to the development and commercialization of smart textiles. The European network clusters such as the European Technology Platform with its around 600 active partners or the industry-driven policy initiative EPoSS, on smart systems integration have been contacted and will contribute to develop synergies. EPoSS is contributing to the [Lisbon Strategy](#), aiming at boosting economic growth, creating more and better jobs and ensuring sustainable prosperity in Europe.

The user friendly database will provide an inventory of ongoing EU projects in the area of smart textiles and of course be a perfect scout for upcoming funding possibilities in this area. By visualizing the results Systemex wants to encourage cooperation towards further market maturity. This new database helps to avoid ineffectual research on similar or identic topics. Systemex addresses specifically the industry, companies operating in the field of smart textiles and their respective suppliers. The database uses MySQL and the DRUPAL content management system. It is differentiated into the following major areas:

Academic papers, projects, teaching material, conference proceedings, industry patents, demo material and publications. The first membership requests from the industry and academic sector have been generated. The target for 2011 are approximately 100 members



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from the four major application areas medical, protective, transport and active sports/healthcare with a special focus on industry stakeholders.

The upcoming events for dissemination are the European Technology Platform Conference on April 1-2 and the 2. Advanced Textiles European-US Entrepreneur Networking Conference April 2-3 in Brussels.

For further details please take a look at:

[www.ifai.com/Home/AdvancedTextiles09.cfm](http://www.ifai.com/Home/AdvancedTextiles09.cfm)

**The 12 SYSTEX partners are as follows:**

1. Ghent University, Department of Textiles – project coordinator: Prof. Lieva van Langenhove  
<http://www.textiles.ugent.be>
2. Smartex, an Italian company whose mission is R&D and production of systems where textile and non-textile sensors and electronics are integrated into wearable solutions. [www.smartex.it](http://www.smartex.it)
3. CEA, a public organization composed of 15000 employees, that does technological research in the areas of energy, information, health technologies and defence.
4. UNIPI, University of Pisa is represented by the Interdepartmental Research Center E. Piaggio. . [www.unipi.it](http://www.unipi.it)
5. CNR-INFM, National Institute of Physics of Matter – National Research Council, Centre S3, based in Genoa, Italy
6. IMEC, The Interuniversitair Micro-Electronics Centrum in Leuven, Belgium
7. Philips Research, department of biomedical sensor systems, Eindhoven, the Netherlands
8. Multitel, a privately owned and non-profit research centre in Mons, Belgium – [www.multitel.be](http://www.multitel.be)
9. IFTH, Institut Français Textile et Habillement is the French textile and clothing technical center. With its 280 collaborators IFTH focuses on R&D in the high added value sector for different market segments: clothing, transport, health and building.
10. Anne Demoor bvba, legal advisor, based in Belgium



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[www.corversdemoor.be](http://www.corversdemoor.be)

11. **IHOFFMANN** a consultancy and communication agency with international orientation operating in the niche market of innovative technical textiles and technologies in their various applications.

[www.ihofmann.com](http://www.ihofmann.com)

12. Plastic Electronics Foundation, a non-profit organisation, established in April 2005, based in Eindhoven, the Netherlands

[www.plastic-electronics.org](http://www.plastic-electronics.org)

The project duration is from June 2008 until June 2011.

Please take a look at the web portal:

<http://www.systemex.org>



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