

+Composites News

Awareness and Transfer of Innovation in Composites Materials

Websites at your service

NEWS

Announcing the re-launch of www.pluscomposites.eu!

After several months of hard work, the new +Composites website is now online!

With an attractive and easy-to-navigate design, the main site will act as the public launch pad for the project. Visitors can learn about the composites industry and the +Composites project, as well as see a calendar of events and the latest news.

The three platforms offered by the project, the Training Platform, Business Intelligence Platform and Business Club, are accessible from anywhere on the site by clicking on the links at the top of the page. Clicking on the image of the key will take project partners directly to the intranet log-in page.

The Business Club is still under construction but should be available in the coming months.

We invite you to visit the site often to stay up-to-date on all the latest from +Composites!



BEHIND THE SCENES

Latest Activities

During the last months, +Composites' team worked hard to provide a new website as well as a redesigned training platform (see article hereunder).

The preparation of the 2012 +Composites Business Forum has now started. It will take place in Luxembourg on December 6th. The programme is under construction with conferences, workshops, B to B meetings and booths. As all +Composites activities, this event will be accessible to companies for free. So, save the date !

End of March 2012 +Composites was present on JEC Europe 2012 in Paris. During 3 days the team has welcome visitors on the booth and answer the interest of many European industrials.



+Composites at JEC Europe 2012 – Paris March 2012

During 2012 more than 20 local events (information meetings) are planned in the 6 regions in 2012. Since beginning of this year. Already 7 have been already organized in Lorraine, Picardie, Saarland and Wallonia giving the opportunity to to the SME's in the different regions to learn more about composite materials.

TRAINING PLATFORM ACTIVITIES

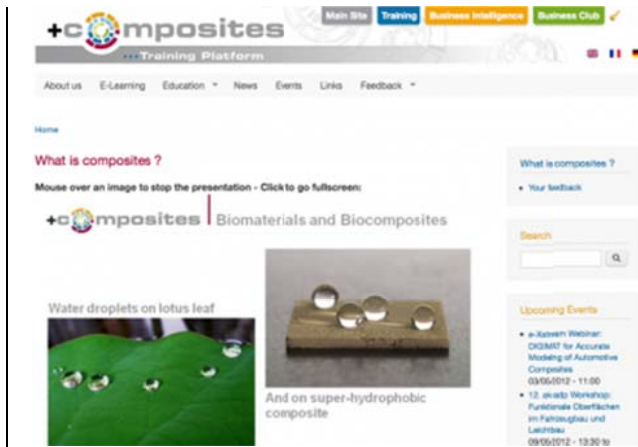
...offers direct access to technical knowledge and training to help your company make the technological jump to composites.

This is the slogan for the redesigned +Composites Training Platform. In this article we want to give you background information about our internet Training Platform and what you can find there now and in the next two years.

Let's talk of content first. The Training Platform offers a kind of transnational Web Campus that is structured collaborative space for trainers and independent learners. Three free accessible eLearning modules for the topics Materials, Processes and Design/Test/Quality are created and filled with online courses, quizzes and multimedia presentations. Two courses for different topics and knowledge levels are already online. One is an introduction to composites for beginner level and one is an advanced level course about fire regulations for composites in transport vehicles. New courses and translations in English, German and French will be created during the next two years with composite training topics needed by our visitors and given in surveys in companies.

For traditional on-the-job training and education there is a regularly updated and structured list of more than 60 training institutions in Belgium, Luxembourg, France and Germany with more than 250 training offers ranging from professional education, academic studies and advanced training. An overview of the education systems in these countries and transnational education and training possibilities is in the work. Day-by-Day visitors get up-to-date additional information about training news and training events in the broad field of composite materials. Interesting web resources for training as well as links to +Composites partners and sub-partners are available too.

You might already suspect your feedback is very important for the +Composites Training Platform. Your technical questions and needs lead to new courses or answers in our frequently asked questions section. Therefore we encourage you to register as user. Registration is free and easy. With registration you get access to a web form for non-public contact to training experts and authors of the courses and you can use a user-points system in order to monitor your learning progress. But even when you don't register now - visit the +Composites Training Platform at www.pluscomposites.eu and give us your feedback to training@pluscomposites.eu



WATCH PLATFORM ACTIVITIES

More than 380 articles available !

Day after day the contributors of the watch platform are providing new articles about the composite materials market: news, upcoming events, qualified sites and reports are available online in English, French and German.

If not already done, register now to have a free access to this innovative business intelligence tool. You will also have the opportunity to subscribe for the platform's e-newsletter.

Access is possible through +Composites' website or directly on <http://watch.pluscomposites.eu>.

IN THE SPOTLIGHT

Rendezvous of Composites

Composite materials have a real potential for many domains of activity, particularly, for their good mechanical strength and low density. Weight reduction, especially, has become the major vehicle for reducing the CO2 emissions from different modes of transport.



To better meet market expectations, the composite materials sector progresses and innovates.

Among the trends we can cite :

- Reduction of environmental impact: bio-based materials, natural fibers, VOC reduction, increased recycling,
- Implementation processes more economic, because more automated or integrating multiple operations, in order to respond to the constraints of mass production.
- Intelligent products with sensors, 3D textile, etc...
- Simulation and calculation tools more efficient

The appointment of the Composite was a technical day, on 1 December 2011 to Bruay-La-Buissiere in Nord-Pas de Calais. Organized by the plastics manufacturers association "Action Plasturgie Artois Flandres "which support the Plastics Centre of Excellence in Nord - Pas de Calais, this day is part of the + Composites project which aims to help companies in their use of composites. The Plastics Centre of Excellence in Nord-Pas de Calais is a partner in this project among 11 other structures throughout France, Wallonia, Germany and Luxembourg

During the day, 8 thematic lectures allowed 47 participants to explore the current developments in materials or processes for composite. The day ended with the testimony of the Purchasing Manager at Alstom, who discussed about the customer expectations for the solutions offered by composite materials.

The objective of this event was to introduce the composite materials today, in order to contribute to the technology transfer in the enterprise, and the evolution of some of these companies to the composite materials thanks to the European project + Composites.

REGIONS

Regional news

On February 28th 2012, there was a visit to the Ateliers *CINI* (in Tomblaine, Lorraine). Joining together twenty people, it was an opportunity to know the skills developed in these workshops on composite materials.

In the press :

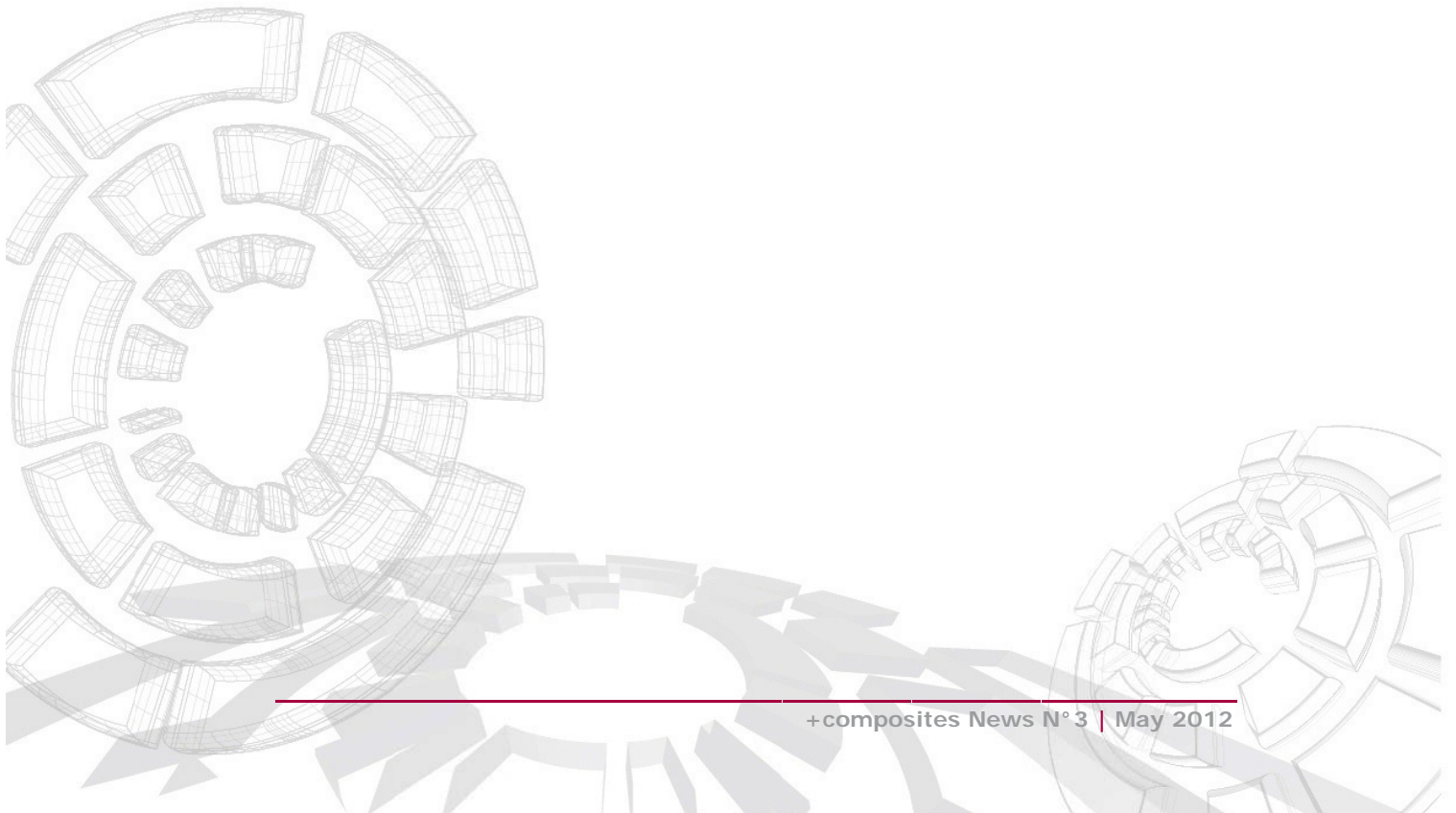
"Two patents in fact, using powders, one of them to make tools or prototype, exploits the interesting properties of " quasi-crystals" and the other, from a CNRS researcher associated with the company CINI, thermo luminescence of certain powders.

Both patents and the know-how behind are just the spearhead of the manufacturing company, diversified during twelve years in the composite material, also including carbon, while continuing to work a lot the aluminum and the board machinable.

The main customer of CINI, and of their 75 employees, is the automotive industry, including Formula 1, which needs lightness. But also Airbus, their last baby, the A 350 is mainly made of composite materials, especially carbon, which makes the structure lighter, allowing more passengers board farther... Eurocopter, also, makes them to test different forms of fuselage, allowing better airdrag. In short, the expertise of the company is well recognized ... "We are only five in France in the field of modeling tool for prototyping. "

Five who do not know the crisis, and who may well inspire fifteen business leaders yesterday coming to Tomblaine, at the invitation of CINI and RCCI, to learn, mouth expert, working with composite materials, it's like adding a nice cord to its bow.

"L'Est Republicain, Wednesday 29th February, 2012 / Nancy / William MAZEAUD"



UPCOMING EVENTS

June 2012

4 June, Falquemont (France):

Le lundis de la Mécanique
Osez les composites thermoplastiques : une réelle
opportunité de diversification pour les entreprises de la
mécanique
www.cetim.fr

13-14 June, Luxembourg (Luxembourg):

GR Business Days 2012
www.grbusinessdays.lu

13 June, Luxembourg (Luxembourg):

Local event « composites : nouveaux matériaux,
nouveaux produits »
Luxexpo – GR Business Days

July 2012

5 July, Nancy (France):

14h00 à 17h00, CRCIL
Les problématiques d'assemblage (collage, soudage,
insert)
Inscriptions : marie.amelie.seguier@lorraine.cci.fr

September 2012

25-26 Septembre, Saarbrücken (Germany):

Chemische Nanotechnologien mit Anwendungen in
Technik und Bio/Life Sciences
www.inm-gmbh.de

October 2012

23 October, Albert (Somme, France):

Regional event " COMPOSITES MACHINING"
Lycée LAMARCK

November 2012

22 & 23 November, Saint Quentin (France):

International Symposium AGROCOMPOSITES EUROPE 2012

YOUR REGIONAL PARTNERS

Lorraine

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