

Despite tempered daylight and rainy days in autumn, our news for this season is fresh and green! We report as usual about our activities last months and we added some news, like 'in the spotlight' were new developments from our network are highlighted and further down, you will find announcements from the material world, like interesting exhibits or contests. We hope you enjoy!



## Green Fashion

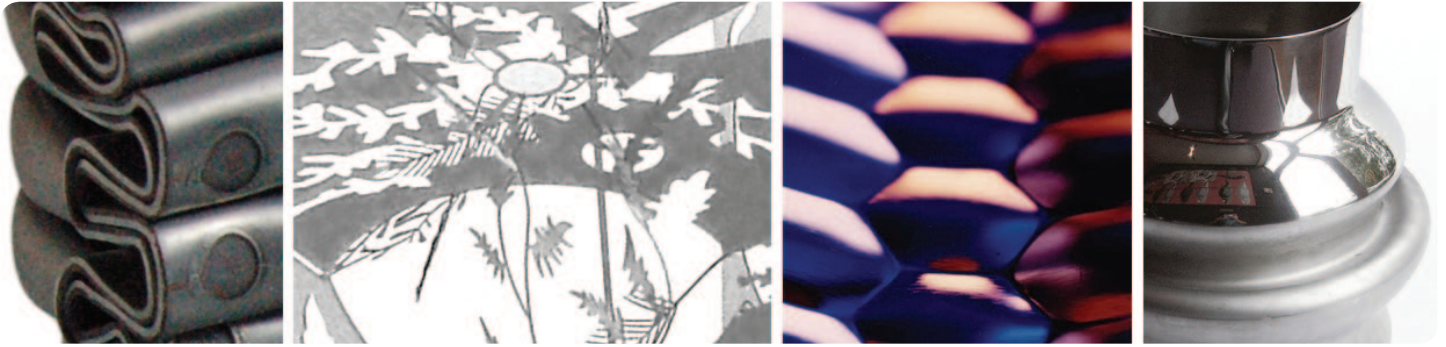
On the 21<sup>st</sup> of September, the Green Fashion Expert workshops took place at the World Fashion Centre in Amsterdam organised by the Green Fashion team; Cartesius Institute, Econcept, Material Sense, Van Markovic and TU Delft. 50 participants from companies, NGOs, educational institutes and research discussed in a very constructive and creative atmosphere the state of the art of sustainability in the fashion sector. Discussed were the most important obstacles and drivers, problems and opportunities, the fields to be covered and partners to be involved in the next phase of the Green Fashion project up to 2013. In the afternoon the expert group worked in sub-groups on the themes of Business to business fashion, New materials and technologies, Re-use and re-cycling of fashion, Labelling and communication, Small fashion labels and How to co-operate. At the end of the workshop all results were brought together leading to a good understanding about challenges and scope of the follow up project. The Green Fashion Team thanks all participants for their excellent input, the high level discussion, the great enthusiasm that they brought to the event, and the World Fashion Centre for their support.

Find more at [www.greenfashion.eu](http://www.greenfashion.eu)



## New location for Material Sense exhibition at ICSE

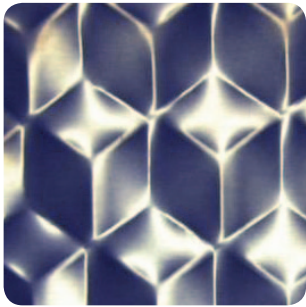
At the 'Light tower of Eindhoven', in the International Centre for Sustainable Excellence (ICSE), we present the ongoing selection from the materials and products that show how sustainable use of materials and an optimal product experience can go together perfectly well. For the first selection we compiled materials and products that we have shown before in our travelling exhibitions. This special selection covers materials related to the theme 'Rematerialize the future'. It showcases materials from textiles to bamboo for outdoor use, from interior window screens based on Gecko research, to alternative energy use and lightweight materials. The exhibition opened for the first time during the Dutch Design Week 2009 and welcomed many interested visitors.



## M2i exhibition

For the annual partners conference of the Materials innovation institute M2i, Material Sense was asked to create a special exhibition with striking examples around alternative energy provision and the strength of metal as material. Combinations were presented from research driven solutions, up to new manufacturing possibilities developed by the industry and innovative applications from designers who made use of smart technology transfer. The collection served as inspiration tool for future development for the partner network of M2i. The workshop by Material Sense dealt with the visibility of materials research and triggered the invitees to think further about future scenarios for the communication of results, to finally end up with innovations for new materials applications.

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## In the spotlight

Vault Structuring is a biomimetic method for forming three-dimensional hexagonal structures in thin-walled materials such as metal and plastic sheet, cardboard and paper. **Power Struct®** is the new follow up in the range of Vault structures developed by Dr. Mirtsch. It distinguishes itself from conventional sheet metal forming processes by a unique natural self structuring, with minimal energy consumption, that particularly saves material, energy and resources. The material 'plops in' by itself instead of getting forced by large presses resulting in unique enhanced properties. [www.woelbstruktur.de](http://www.woelbstruktur.de)

## Announcements

**material**  
TRENDS  
award

- The annual **IF material awards** is open for subscription. Deadline 26<sup>th</sup> of January. New for this year's competition is that young talents are invited. Student entries and final theses will be exhibited at the Material Trends show April 2010, and the three best entries to both 'composite materials' and 'lightweight construction' will share a total money of EUR 5,000.00. [www.ifdesign.de](http://www.ifdesign.de)
- **Heimtextil fair**: 13-16 January 2010 [www.heimtextil.de](http://www.heimtextil.de)

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