

10 WAYS TO LEARN MORE ABOUT MATERIALS

## GET STARTED

### 3. BOOKS

There are a lot of publications such as books and magazines on new materials and technologies. Please see some of our favorites below.



#### MATERIOLOGY

Great book with a practical overview of the families of materials and major production techniques. Not written for specialist geeks but rather for creative readers. Birkhauser Verlag



#### MAKING IT

This book covers a broad range of some 90 production methods in a very informative and inspirational way. Photos and diagrams make this an enjoyable read. Laurence King Publishing



#### FASHIONABLE TECHNOLOGY

This book brings together progressive projects on the intersection of design, fashion, science, and technology. With references to institutes, materials and more. SpringerWienNewYork



*New materials don't just happen but they are being developed. Research organizations such as The Fraunhofer Institute is developing substances in laboratories for future applications.*  
» [www.fraunhofer.com](http://www.fraunhofer.com)

### 6. RESEARCH

### 9. WEBSITES

The internet is full of online documentation on materials including sustainable design, competitions, newsletters and educational video presentations. Just see the websites below to get yourself inspired.

#### ASK NATURE

Bio-inspiration website with cases on nature's smart solutions  
» [www.asknature.org](http://www.asknature.org)

#### BIONIC POWER

Wearable technology turning our natural movements into energy  
» [www.bionic-power.com](http://www.bionic-power.com)

#### GREENER GADGETS

Prize winners of Core77's Greener Gadgets design competition  
» [www.core77.com/competitions/grenergadgets/](http://www.core77.com/competitions/grenergadgets/)

#### O2 GLOBAL NETWORK

International network for sustainable design  
» [www.o2.org](http://www.o2.org)

#### STORY OF STUFF

A 20-minute animation with a closer look at consumer society  
» [www.storyofstuff.com](http://www.storyofstuff.com)

## 1. EXHIBITIONS

Fairs and exhibitions are a great way to stay updated about trends and developments in materials and technologies. Please see the list below with some of the top events in the world of materials.

#### MATERIAL VISION

Biannual trade fair with new materials for architecture and design  
» [www.materialvision.com](http://www.materialvision.com)

#### MATERIALICA

Trade fair for composites, lightweight metals, ceramics and surfaces  
» [www.materialica.com](http://www.materialica.com)

#### IF MATERIAL TRENDS

Special exhibition on materials during the yearly Hannover Messe  
» [www.hannoverfair.com](http://www.hannoverfair.com)

#### MEETING MATERIALS

Yearly meeting for materials minded people in The Netherlands  
» [www.meetingmaterials.com](http://www.meetingmaterials.com)

#### MATERIAL BOOM!

Exhibition by the Silesian Castle of Art and Enterprise in Cieszyn  
» [www.zamekcieszyn.pl](http://www.zamekcieszyn.pl)



*Don't consider the industry as a far friend. Most manufacturers and suppliers welcome visitors who want to learn more about their offerings for product development. Some companies even have frequent tours for curious and materials minded people.*

### 4. INDUSTRY

## 7. ASSOCIATIONS

Many industries have their own associations, some are based on materials categories. The branch associations (below) are able to support you with information on materials and manufacturing.

#### ALUMINUM

European Aluminium Association  
» [www.eaa.net](http://www.eaa.net)

#### BIOPLASTICS

European association for bioplastics and biodegradable polymers  
» [www.european-bioplastics.org](http://www.european-bioplastics.org)

#### COMPOSITES

Association of the European Composites Industry  
» [www.eucia.org](http://www.eucia.org)

#### NANOTECHNOLOGY

Nanotechnology Homepage of the European Commission  
» [cordis.europa.eu/nanotechnology/](http://cordis.europa.eu/nanotechnology/)

#### WOODS

The Forest-Based Sector Technology Platform  
» [www.forestplatform.org](http://www.forestplatform.org)



*Workshops are a great way to learn and experience more about materials. Creative sessions help designers to make products more competitive, creative and sustainable - whereas suppliers enjoy new ways to communicate the qualities of their materials.*

### 10. WORKSHOPS

*Imagine a library full of materials instead of books. These so called 'materials libraries' showcase hundreds of materials. Many companies and schools initiated one. See for instance:*  
» [www.netzwerkh Holzforum.de](http://www.netzwerkh Holzforum.de)



### 2. LIBRARIES

### 5. SAMPLES

"Ain't Nothing Like the Real Thing!" Real samples are probably the best way to understand materials properties. Most suppliers offer samples at little/no cost. You might contact the companies below.

#### WOODS

Box with app. 60 different samples of wood-based materials  
» [www.musterkiste.de](http://www.musterkiste.de)

#### COMPACT

Box with 199 small samples with an informative booklet  
» [www.modulor.de](http://www.modulor.de)

#### PLEXIGLASS

Creative box with acrylic samples offered by Evonik industries  
» [www.plexiglas-magic.com](http://www.plexiglas-magic.com)

#### LAMINATES

High Pressure Laminates offered by Resopal  
» [www.resopal.de](http://www.resopal.de)

#### COLORS

Merck supplies color pigments for printing, plastics and coatings  
» [www.merck-chemicals.com/pigments](http://www.merck-chemicals.com/pigments)



*Knowledge is not only found in the future. Also museums archive (historical) information on materials and technologies. For instance, there is a Textiles Museum with its own laboratory!*  
» [www.textielmuseum.nl](http://www.textielmuseum.nl)

### 8. MUSEUMS

## CONTACT US

Material Stories is where Aart van Bezooen inspires and informs companies with materials for design. For more information please use the links below - also for future materials news and updates.

Visit Material Stories website:  
» [www.materialstories.com](http://www.materialstories.com)

Subscribe to the materials newsletter:  
» [www.materialstories.com/newsletter](http://www.materialstories.com/newsletter)

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