

# 7<sup>th</sup> International Conference of the European Industrial Hemp Association (EIHA)

[www.eiha.org/conf7](http://www.eiha.org/conf7)

May 26<sup>th</sup> - 27<sup>th</sup> 2010

Rheinforum, Wesseling / near Cologne (Germany)

Congress language: English



**The congress will focus on the latest developments concerning hemp and other natural fibres.**

The spectrum of participants will range from

- cultivation consultants,
- primary and further processors,
- traders, mechanical engineers,
- investors to enterprises to
- suppliers (for example: insulation material, pulp & paper, automotive).

**They all share common interest in the industrial utilisation of hemp fibres and shivs. Other topics are hemp seeds and hemp oil in nutrition.**

**Don't miss the biggest industrial hemp event in 2010 - world wide!**

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www.nachhaltigkeitswirtschaften.net



www.nachwachsende-rohstoffe.info

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## Why hemp is a crop of the future!

Currently about 15,000 ha of hemp are being produced in the European Union. Following the decortication and fibre separation, the hemp can be divided into two main products: fibres and shivs. About 24,000 t of **hemp fibres** are being produced in the EU every year. Hemp fibres are most commonly used for speciality pulp and paper. New innovative applications include natural fibre composites used in the automobile industry (i.e. door panels) and many other applications (i.e. grinding discs), as insulation for the construction industry and agrotextiles for weed prevention and a renewable growing medium for cress and salad crops.

About 48,000 t of **hemp shivs** were produced in the EU. Shivs are used for animal bedding, particle boards for construction, furniture and gardening, especially as a less acidic alternative to bark mulch. The most important new application for hemp shivs mixed with Lime is for highly insulative wall construction in both domestic and industrial buildings. Hemp gives us the opportunity to lock up, sequester significant amounts of carbon in these constructions.

**Hemp seeds** are a third product resulting out of hemp cultivation. They can be used for food, feed and cosmetics. Applications for hemp seeds are snacks, oil for human consumption as well as body care and detergent. The bulk of hemp seeds are used for bird and fish feed.

**Life cycle assessments (LCA)** for different hemp products show significant environmental advantages. Hemp replaces fibre glass in composites and insulation materials and is used in the construction industry instead of conventional materials. The cumulated energy demand for producing hemp fibres is ten to 20 times lower than that for fibre glass.

Hemp fibres and shivs belong to the "new biomaterials" which industry now demands. The use of hemp fibre will save finite resources, reduce CO<sub>2</sub> emissions and will store Carbon.

## Hemp, an innovative material, is good for agriculture, the environment and enhances regional development!

<b>Registration:</b>	<a href="http://www.eiha.org/conf7">www.eiha.org/conf7</a>
<b>Fee:</b>	400 € plus 19% VAT for two days including dinner buffet Members of EIHA: 100 € reduction of membership fee in 2011
<b>Venue<sup>1</sup>:</b>	Rheinforum, Kölner Straße 42, 50389 Wesseling / Germany (near Cologne)
<b>Hotel<sup>1</sup>:</b>	"Hotel am Rhein", Auf dem Rheinberg 2, 50389 Wesseling / Germany phone: +49 (0)2236 325-0, fax: +49 (0)2236 325-199, <a href="mailto:info@hotelamrhein.de">info@hotelamrhein.de</a> <a href="http://www.hotelamrhein.de">www.hotelamrhein.de</a>

## Organiser

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## Contact

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<sup>1</sup>**Venue & hotel information:** The new venue of the conference - the Rheinforum - has a capacity of 200 participants and space for a lot of booths. The venue is next to the "Hotel am Rhein", where we have reserved 55 rooms. You can make your arrangements as soon as possible - please use the keyword **EIHA 2010**. If you will book your hotel later, there is the risk that you have to choose a hotel 10 or 15 minutes away from the venue.

# Programme

**Preliminary programme of the 7th International Conference of the European Industrial Hemp Association (EIHA): [www.eiha.org/conf7](http://www.eiha.org/conf7)**

## COUNTRY REPORTS

**Michael Carus** (nova-Institut GmbH, Germany):

**Topical state of the hemp industry**

**John Hobson** (Hemp Technology Ltd, Great Britain):

**Hemp Technology Ltd 2010**

**Prof. Arkom Kanjanaprachot** (Maejo University and Royal Project Foundation, Thailand):

**Hemp production in Thailand**

**Bodil Pallesen** (AgroTech A/S, Denmark):

**Industrial hemp as organic growth medium in Denmark**

**Lawrence Serbin** (Hemp Traders, USA):

**The Modern State of Hemp Textiles**

**Malgorzata Strybe** (Institute of Natural Fibres and Medicinal Plants, Poland):

**Polish cultivars and perspective lines of industrial hemp**

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## HEMP SEEDS AND OIL

**Anndrea Herrmann** (Hemp Oil Canada Inc., Canada):

**Hemp for Food - an update from Canada**

**Dr. Michael Bronner** (Dr. Bronner's Magic Soaps, USA):

**Marketing for hemp soap and cosmetics**

**Hans Fastre** (Living Harvest Food, USA):

**Hemp foods and Hemp milk from Living Harvest**

## NEW PRODUCTS AND APPLICATIONS FOR FIBRES AND SHIVS

**Pierre Amadiou** (SarI Start hemp, France):

**Hemp fibre reinforced plastics from France**

**Dr. Mike Lawrence** (University of Bath, Great Britain):

**Characteristics and advantages of hemp-lime construction**

**Nicolas Meyer** (ONYX composites, Germany):

**Innovative bicycle frame made of hemp and bambus!**

**Dr. von Drach** (ECCO Gleittechnik GmbH, Germany):

**High - performance hemp fibres and industrial applications: brake linings, gaskets, and others**

**Martin Snijder** (GreenGran B.V., The Netherlands):

**Innovative Natural Fibre Reinforced Bio-Composite Granules for Cradle-to-Cradle Solutions - China in our hands?**

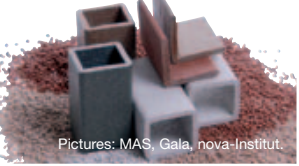
### Call for Papers

We would like to invite you as a speaker to this conference. Please send us as soon as possible the title and the abstract of your presentation!

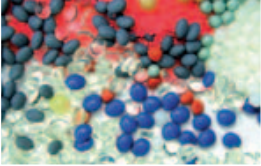
**Contact:** nova-Institut GmbH, Chemiepark Knapsack, Industriestrasse, 50354 Huerth, Germany; Dipl.-Geogr. Dominik Vogt, phone: +49 (0)2233 4814-49, email: [dominik.vogt@nova-institut.de](mailto:dominik.vogt@nova-institut.de)

### Exhibition

You would like to present your innovative industrial hemp products? Book an exhibitors deck with pinboard for only 200EUR (plus 19% VAT) now: Mr. Dominik Vogt, Phone +49 (0)2233 4814-49, email: [dominik.vogt@nova-institut.de](mailto:dominik.vogt@nova-institut.de)



Pictures: MAS, Gala, nova-Institut.



www.biowerkstoff-kongress.de

# 3. Biowerkstoff-Kongress 2010

## International Congress on Bio-based Plastics and Composites

April 20<sup>th</sup> – 21<sup>st</sup> 2010, HANNOVER MESSE, Germany, Convention Center, Saal 2

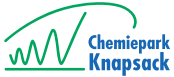
Sponsor Innovation prize



The nova-Institut invites you to the Biowerkstoff-Kongress within the scope of HANNOVER MESSE ([www.hannovermesse.de](http://www.hannovermesse.de)) – The world's leading showcase for industrial technology!

All presentations are translated simultaneously into the English or German.

Sponsor



Bio-based products are based completely or in relevant quantities on agrarian commodities or wood. Typically bio-based products are made of Wood Plastic Composites (WPC), Naturalfibre Reinforced Plastics and Bio-based Plastics. Besides, the congress has the following main topics:

- Industries and applications
- Marktsituation and trends
- Processing procedures and material qualities
- Research and development

Practically oriented for developers, producers, trades and users.

Premium partner



Further information regarding the innovation award on bio-based products 2010, programme and registration at: [www.biowerkstoff-kongress.de](http://www.biowerkstoff-kongress.de)

Organiser



Contact

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### International Business Directory for Innovative Renewable Materials and Bio-based products



# BIB2011

In the third edition of the Business Directory (BIB 2011) companies in the field of innovative renewable materials and bio-based products are invited to place their innovative products and services. Through the business directory, which is sent with a circulation figure of at least 5,000 copies and as a PDF free of charge to decision makers in industries and science, potential customers and matching suppliers can easily get in touch.

Already the successfully launched BIB'09 and BIB 2010 provided an overview over the entire market for the new innovative renewable materials and bio-based products. Free download at <http://www.biowerkstoff.info>

#### Information and contact

In our understanding, innovative renewable materials and bio-based products comprise materials, which contain at least 20 % renewable raw materials. Among these count bio-degradable and durable bioplastics, innovative derived timber products like Wood Plastic Composites (WPC) or thermally modified timber as well as natural fibre reinforced plastics. In the centre of attention are manufacturers and suppliers of innovative renewable materials and bio-based products as well as raw material suppliers, mechanical engineering companies, associations and research institutes operating.

For further information and reservations, please go to <http://www.biowerkstoff.info>



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Use the Business Directory BIB 2011 for your marketing!

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