

## Trade Show

The Trade Show is an excellent place to present your company's activities and technologies. During the coffee, tea and lunch breaks delegates and speakers will have ample time to visit the Trade Show, which will provide exhibitors with unique opportunities for meeting potential clientele. When you have registered for the Trade Show with a stand you will receive 10% discount on the conference fee for one person.

## Poster Presentation

The Trade Show is an excellent place for organisations or scientists to present a poster of their products or research outcomes. If you are interested in presenting a poster, please indicate this on the enclosed registration form. If you register for a poster presentation, please send us the title and full text.

## Conference Language

The conference language will be both English and German. Simultaneous translation in German and English will be offered!

## Website

Bookmark website:  
[www.europoint-bv.com/greentech2005](http://www.europoint-bv.com/greentech2005)  
and keep up-to-date with the latest developments. You can request further information or simply visit the site to find out more about the exhibition and the congress.

# Wednesday 2 February 2005

09.00 – 12.00 Registration

## Introduction

12:00 - 12:20 Opening  
**Bundesministerin Renate Künast**, Ministry of Consumer Protection, Food and Agriculture ◦

12:20 - 12:30 Introduction  
**Dr. Jörg Rothermel**, Fachagentur Nachwachsende Rohstoffe (FNR) ◦

12:30 - 12:50 The Significance of Renewable Resources in EU-Policy  
**Mariann Fischer Boel**, European Commission - to be confirmed

12:50 - 13:10 Renewable Resources - The View of the Chemical Industry  
**Dr. Jürgen Hambrecht**, Verband der Chemische Industrie (VCI) ◦

13:10 - 13:30 Renewable Resources - The View of the Agriculture  
**Gerd Sonnleitner**, Deutscher Bauernverband e.V. (DBV) ◦

13:30 - 13:50 Political Aspects: A Sustainable Replacement for Crude Oil  
**Hans-Josef Fell**, Member of the German Parliament ◦

13:50 - 15.00 **Coffee/Tea Break**

## Plenary Session 1

**Chairman:** **Dr. Jürgen Ohlhoff**, Ministry of Consumer Protection, Food and Agriculture ◦

15:00 - 15:20 Renewable Resources in Poland  
**Prof. Ryszard Kozlowski**, Institute of Natural Fibres ◦

15:20 - 15:40 Renewable Resources in Britain  
**Melvyn F. Askew**, Central Science Laboratory (CSL) ◦

15:40 - 16:00 Renewable Resources in France  
**Maurice Dohy**, Agence de l'Environnement et de la Maîtrise de l'Energie (ADEME) ◦

16:00 - 16:25 Biodegradable Polymers  
**Castia Bastioli**, Novamont SPA, ◦

16.25 - 16.50 Bioconversion - Opportunities and Limitations  
**Dr. Stefan Buchholz**, Degussa AG ◦

16:50 - 17.15 Eco-Labeling Biolubricants  
**Demi Theodori**, IVAM Environmental Research ◦

19:00 **Evening programme**

# Thursday 3 February 2005

## Parallel Session 2a Lubricants

**Chairman:** **Dr. Heinrich Theissen**, Institut für Fluidtechnische Antriebe und Steuerungen der RWTH Aachen ◦

09:00 - 09:30 Novel High-Performance Hydraulic Lubricants based on Renewable Resources  
**Angela Kessler**, Fuchs Petrolub AG ◦

09:30 - 10:00 New Concepts and Products based on Renewable Raw Materials  
**Dr. Matthias Hof**, Cognis Deutschland GmbH & Co. KG ◦

10:00 - 10:30 Tribological Performance of Bio-no-tox Lubricants and new Triboactive Materials for Piston Ring/Cylinder Liner System  
**Dr. André Skopp**, Bundesanstalt für Materialforschung und -prüfung (BAM) ◦

## Parallel Session 2b Carbohydrates

**Chairman:** **Dr. Jörg Kowalczyk**, Südzucker AG ◦

09:00 - 09:30 Selective Production of Sugar Acids by Oxidation of Sugars with Gold Catalysts  
**Dr. Ulf Prüße**, Federal Agricultural Research Centre (FAL) ◦

09:30 - 10:00 Transformation of Saccharides into Organic Building Blocks in Subcritical Water.  
**Dr. Rainer Busch**, DOW Deutschland GmbH & Co ◦

- 10:00 - 10:30 Starch Nanocomposites on the Way to industrial Application  
**Dr. Martijn Hackmann**, TNO Industrial Technology <sup>◦</sup>
- 10:30 - 11:00 **Coffee/Tea Break**

## Parallel Session 3a Biotechnology

- Chairman:** **Dr. Stefan Bucholz**, Degussa AG <sup>◦</sup>  
11:00 - 11:30 Reactor Engineering for Bioconversions
- 11:30 - 12:00 **Prof. Dr. Christian Wandrey**, Forschungszentrum Jülich GmbH <sup>◦</sup>  
Production of Cyanophycin: Natural and Recombinant Bacterial Systems
- 12:00 - 12:30 **Prof. Dr. Alexander Steinbüchel**, University of Münster <sup>◦</sup>  
Enzymatic Synthesis of Lactones based on Fatty Acids for Use in Cosmetic Products
- Prof. Dr. Rolf Schmid**, University of Stuttgart <sup>◦</sup>

## Parallel Session 3b Bioplastics

- Chairman:** **Castia Bastioli**, Novamont <sup>◦</sup>  
11:00 - 11:30 Material Development based on Renewable Resources for Special Applications
- 11:30 - 12:00 **Dr. Stephan Kabasci**, Fraunhofer Umsicht <sup>◦</sup>  
Lignin-based Polymers for Printed Circuit Boards - Potentials for Renewable Materials
- 12:00 - 12:30 **Marcel Hagelüken**, Fraunhofer IZM <sup>◦</sup>  
Bioplastics in Europe - From Specialities to Commodities
- 12:30 - 14:00 **Dr. Harald Käb**, Interessengemeinschaft Biologisch Abbaubare Werkstoffe (IBAW) <sup>◦</sup>  
**Lunch**

## Parallel Session 4a Fibres/Cosmetics/Pharmaceuticals

- Chairman:** **Dr. Ulla Eggers**, Livos Pflanzenchemie <sup>◦</sup>  
14:00 - 14:30 Marketing Products from Renewable Resources: the Example of Naturally Dyed Textiles Produced by Industry
- 14:30 - 15:00 **Susanne Geissler**, Fachhochschule Wiener Neustadt <sup>◦</sup>  
Herbal Raw Materials in the Cosmetic Industry
- 15:00 - 15:30 **Dr. Birgit Grohs**, Forschungsvereinigung der Arzneimittel-Hersteller e.V. <sup>◦</sup>  
Plants as Source for natural Tocotrienols - Vitamin E Derivatives with special therapeutic Potential
- Jon Falk**, University of Kiel <sup>◦</sup>

## Parallel Session 4b Natural Fibre Composites

- Chairman:** **Michael Karus**, Nova-Institut <sup>◦</sup>  
14:00 - 14:30 Exterior Parts based on Renewable Resources produced with SMC Technology - considering a Bus Component as Example -
- 14:30 - 15:00 **Jörg Müssig**, Faserinstitut Bremen <sup>◦</sup>  
Fibrillation of Natural Fibres - Increasing the Specific Surface for High Performance Composites
- 15:00 - 15:30 **Dr. Robert Kohler**, Fachhochschule Reutlingen <sup>◦</sup>  
Polyamides on Basis of Acelaic Acid and Brassylic Acid from Regenerating Raw Materials.
- 15:30 - 16:00 **Prof. Dr. Gudrun Schmidt**, Technical University Clausthal <sup>◦</sup>  
**Coffee/Tea Break**

## Plenary Session 5 Conclusions

- Chairman:** **Dr.-Ing. Andreas Schütte**, Fachagentur Nachwachsende Rohstoffe (FNR) <sup>◦</sup>  
16:00 - 16:40 Macroeconomic Effects of Renewable Resources, Market Analysis Renewable Resources
- 16:40 - 17:00 **Dr. Thomas Reiß**, Fraunhofer ISI <sup>◦</sup>, **Dr. Norbert Schmitz**, Meo Consulting Team <sup>◦</sup>  
Summary
- Dr.-Ing. Andreas Schütte**, Fachagentur Nachwachsende Rohstoffe (FNR) <sup>◦</sup>

# Registration fee

## Conference

- Registration fee € 490
  - Scientists for non profit organisations: € 390
  - Students: € 100
- These prices include full access to the conference, the conference proceedings, entry to the Trade Show, coffee breaks, lunches and conference dinner.

Delegates can also register for a poster presentation.

- posters of scientists: free of charge
- commercial poster presentations: € 95

## Trade Show

- Standard stand construction: € 170 per m<sup>2</sup> (incl. wall, table, chairs and counter)
- Own stand construction: € 120 per m<sup>2</sup>

## Dinner

The Conference dinner will take place on Wednesday 2 February 2005 at restaurant "Prinz Eisenherz".

Experience the world of Camelot and the legend of King Arthur and the Knights of the Round Table at this unique location.

The conference dinner is included in the registration fee, please indicate your attendance on the registration form.