

# Registration

The workshop is free of participation charge.  
For trouble-free organization, we kindly ask you to register until  
January 15, 2010

Please, send your reply by fax to +49 89 540 454 715 or by email to  
katja.junge@BioM-WB.com

Title

First Name

Second Name

Company/Institution

Street

Postal Code, City

Country

Phone Number, Fax

Email Address

- I will attend both days
- I will attend 3<sup>rd</sup> February
- I will attend 4<sup>th</sup> February
- I will attend the European Parliament visiting tour

Date Signature

# General Information

The Workshop is hosted by the

Representation of the Free State  
of Bavaria to the European Union  
Rue Wiertz 77  
1000 Brussels  
Belgium



Organisation and contact for general information

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The workshop is jointly prepared by



with the support of



Bavarian Ministry of Economic Affairs,  
Infrastructure, Transport and Technology

Front page pictures: www.pixelio.de, Lighthouse by K.F. Domnik, Hands by Ch. Nill



# Workshop

## Lighthouses of Sustainability - European Concepts for Competitive Bio-based Chemicals

February 3<sup>rd</sup> and 4<sup>th</sup>, 2010

Representation of the Free State of Bavaria  
to the European Union

Brussels, Belgium



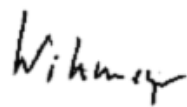
# Invitation

Bio-based chemicals derived from non-food biomass range from high-value added fine chemicals, e.g. pharmaceuticals or cosmetics, to high volume materials, e.g. bio-polymers or chemical building blocks. They may also be made of a mix of components from both bio-mass and fossil origin.

It is the market performance within the concept of sustainability that drives the chemical industry to pursue the development of bio-based chemicals. Sustainability is at the core of bio-based products development including environmental aspects, product performance and quality/functionality. Bio-based products contribute to reduced impact on air, soil and water thereby improving competitiveness, as well as creating economic and social opportunities.

In the present workshop, European industries will present their sustainability concepts, i.e. how to achieve market entry and acceptance of bio-based chemicals. Academic and research institutions will highlight scientific approaches for reaching sustainability combined with aspects for proving sustainability.

Continuing and extending the last workshop in November 2008 on "Lighthouses for Integrated Biorefineries", the present meeting serves again as a platform for portraying views, exchanging ideas and come to tangible results for sustainability facilitating the success of the Lead Market Initiative of the European Commission.



Dietrich Wittmeyer  
Secretary-General ERRMA



Prof. Dr. Haralabos Zorbas  
Managing Director Bio<sup>M</sup> WB

# Programme 3<sup>rd</sup> February

|  |   |
|--|---|
| 12:30 - 13:30  | Registration & Refreshment  |
| <b>Session 1</b><br>Chair: Prof. Dr. Rodney Townsend, Chairman SusChem, GB   |   |
| 13:30 - 14:00  | Introduction<br>Dirk Carrez, EuropaBio, BE  |
| 14:00 - 14:30  | Key Note Address<br>Dr. Angelika Niebler, European Parliament, Committee on Industry, Research and Energy                                     |
| 14:30 - 15:00  | Sustainability Components in the Frame of "KBBE"<br>Dr. Alfredo Aguilar-Romanillos, EU Commission, DG Research                                |
| 15:00 - 15:30  | Sustainability Aspects of the Lead Market Initiative of the EU<br>Tomas Jonsson, European Commission, DG Enterprise and Industry              |
| 15:30-16:00  | Coffee Break  |
| <b>Session 2</b><br>Chair: Dr. Marcel Wubbolts, SusChem, Group Leader IB Section, NL   |   |
| 16:00 - 16:30  | Integration of Biotechnological and Chemical Processes for the Synthesis of Bio-based Products<br>Prof. Dr. Thomas Hirth, Fraunhofer IGB, DE  |
| 16:30 - 17:00  | EPD and Multilabel Tools to Promote a System-based Economy: Cases from Novamont Biorefinery<br>Prof. Dr. Catia Bastioli, Novamont S. p. a., I |
| 17:00 - 17:30  | The Biohub Program : A Sustainable Innovation for New Biorefineries<br>Dr. Christophe Rupp-Dahlem, Roquette Frères, FR                        |
| 17:30 - 18:00  | Industrial Markets Meet World of Agriculture<br>Akin Ozkutan, Cargill, BE   |
| 18:00 - 18:30  | Resume and open Discussion<br>Moderation: Henning Banthien, IFOK, DE  |
| From 18:30 onwards: Reception<br>Welcome Address by Heidrun Piwernetz, Director of the Representation of the Free State of Bavaria to the European Union<br>Speech by Dr. Ronald Mertz, Deputy Head of Department of Innovation, Science and Technology, Bavarian State Ministry of Economic Affairs, Infrastructure, Transport and Technology |   |

# Programme 4<sup>th</sup> February

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| 09:00 - 09:30   | Registration & Refreshment   |
| <b>Session 3</b><br>Chair: Dr. Christian Patermann, Director ret., European Commission  |  |
| 09:30 - 10:00   | Key Challenges in Sustainability Assessment - Towards Solutions for Bio-based Products<br>Dr. Martin Patel, Utrecht University, NL |
| 10:00 - 10:30   | Evaluation of Bio-based Materials with the Eco-Efficiency Analysis and SEEBALANCE<br>Dr. Peter Saling, BASF, DE                    |
| 10:30 - 11:00   | From Oil to Alternative Feedstocks - the Only Way to Achieve Sustainability and to Survive<br>Dr. Günter von Au, Süd-Chemie AG, DE |
| 11:00 - 11:30   | to be defined<br>Dr. Fridolin Stary, Wacker Chemie AG, DE  |
| 11:30 - 12:30   | Lunch Break  |
| <b>Session 4</b><br>Chair: Dr.-Ing. Andreas Schütte, Managing Director, FNR, DE   |  |
| 12:30 - 13:00   | Sustainable Resource Management - Global Trends and Long-term Perspectives<br>Dr. Stefan Bringezeu, Wuppertal Institute, DE        |
| 13:00 - 13:30   | Contribution of ERRMA to Sustainable Aspects of the EU Lead Market Initiative<br>Dr. Jeremy Tomkinson, ERRMA, NNFC, GB             |
| 13:30 - 14:00   | French Project "Quality Marks and Labeling of RRM-based Products"<br>Hillaire Bewa, ADEME, FR                                      |
| 14:00 - 14:30   | International Sustainability and Carbon Certification Approach<br>Dr. Norbert Schmitz, meo Consulting, DE                          |
| From 14:30 onwards: Resume and Round Table Discussion<br>Moderation: Dr. Christian Patermann<br>Maria Fernandez Gutierrez (EC, DG Research), Léonard Boniface (ADEME, FR), Doreen Fedrigo (European Environmental Bureau), Tomas Jonsson, Dr. Christian Müller (BMBF, DE), Dr.-Ing. Andreas Schütte, Dr. Jeremy Tomkinson, Dietrich Wittmeyer |  |
| Closing Event: Visiting highlight - Guided tour through the European Parliament on invitation of Dr. A. Niebler   |  |

