

Bilateral Workshop | Program

# Perspectives of Knowledge-Based Bioeconomy Challenges and Solutions for the Future

Embassy of France · Wilhelmstraße 69 · 10117 Berlin

## February, 27<sup>th</sup>, 2014

08:00 Registration

### 08:30 Welcome Addresses

Embassy of France

BioTOP Berlin-Brandenburg · Berlin Partner for Business and Technology

### 08:45 Keynote

Challenges and Needs of Bioeconomy

Prof. Christine Lang · Organobalance GmbH and Head of the Bioeconomy Council · Berlin

### 09:10 Session 1: National and European Strategies for Bioeconomy

Chair: Prof. Christine Lang · Organobalance GmbH and Head of the Bioeconomy Council · Berlin

#### 09:15 Towards a BioEconomy 2030: A Public Strategic Framework for Opportunities in a Biobased Economy

Nicolas Tinois · Forschungszentrum Jülich GmbH · Jülich

#### 09:35 From Sustainability to Bioeconomy: Greenwashing or Bright Future ?

Dr. Paul Colonna · Deputy Scientific Director for Bioeconomy · INRA · Nantes

#### 09:55 Europe en Route to the Biobased Economy — Hype or Reality ?

Dr. Christian Patermann · former Director of GD Research at the EU-Commission · Bonn

10:15 Discussion

10:25 Coffee break

### 11:00 Session 2: New Bioconversions

Chair: Dr. Nic Lindley · Biological Systems Engineering & Process Laboratory (LISBP) · CNRS · Toulouse

#### 11:05 Towards an Automated Pipeline in Metabolic Engineering

Dr. Jean-Loup Faulon · Institute of Systems and Synthetic Biology · CNRS · Genopole · Evry

#### 11:25 Integration of Physical, Chemical und Biotechnical Processes — The Biorefinery Concept

Prof. Thomas Hirth · Fraunhofer Institute for Interfacial Engineering and Biotechnology (FhG IAP) · Stuttgart

11:45 Discussion

11:55 Lunch

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## 13:30 Session 3: New Production Processes

Chair: Dr. Nic Lindley · Biological Systems Engineering & Process Laboratory (LISBP) · CNRS · Toulouse

### 13:35 Opportunities in Enzyme Discovery and Engineering for Novel Products

Prof. Magali Remaud-Simeon · Biological Systems Engineering & Process Laboratory (LISBP) · INSA · Toulouse

### 13:55 Bridging the Gap Between R&D and Market Demand

Dr. Joachim Schulze · ThyssenKrupp Uhde GmbH · Leuna

14:15 Discussion

14:25 Coffee break

## 14:55 Session 4: New Bio-Based Materials

Chair: Dr. Nic Lindley · Biological Systems Engineering & Process Laboratory (LISBP) · CNRS · Toulouse

### 15:00 From Sugar Self-Assembly Towards High-Added Value Biomaterials

Dr. Redouane Borsali · Research Center on Plant Macromolecules (CERMAV) · CNRS · Grenoble

### 15:20 Lignocellulose — Sustainable Resource for Novel Materials (Trends and Case Studies)

Prof. Hans-Peter Fink · Fraunhofer Institute for Applied Polymer Research (FhG IAP) · Potsdam-Golm

15:40 Discussion

## 15:50 Closing Remarks

Dr. Paul Colonna · Deputy Scientific Director for Bioeconomy · INRA · Nantes

16:00 Get Together and end of the event



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