Status Conference *Towards a sustainable Bioeconomy: Key Elements for Monitoring*

20 March 2018, Berlin, Federal Ministry of Education and Research

PROGRAM (as at 16 Mar 2018)

08:30 **Registration**

09:00 **Welcome and introduction**
Prof. Dr. Stefan Bringezu, University of Kassel
Andrea Noske, Head of Division, Federal Ministry of Education and Research,
Dr. Hans-Jürgen Froese, Head of Division, Federal Ministry of Food and Agriculture
Gerhard Bleser, Federal Ministry for Economic Affairs and Energy

09:20 **Keynote**
Bioeconomy – national and international strategies, evaluation and monitoring
Prof. Dr. Joachim von Braun, University of Bonn, Chair of the Bioeconomy Council Germany

10:00 **Break**

Development of a Systematic Monitoring of the Bioeconomy: Resource Base and Sustainability / Production of Biomass

10:30 **Introduction into the project**
Approaches of the bioeconomy in Germany or how do we bring together corn, furniture and mackarels
Dir. u. Prof. Dr. Martin Banse, Thünen Institute

Presentation of results and discussion
Bioeconomy Monitoring: Substance flow: Agriculture
Naemi Labonte, Thünen Institute
Bioeconomy Monitoring: Substance flow: Timber
Dr. Susanne Iost, Thünen Institute
Bioeconomy Monitoring: Substance flow: Fishery
Dr. Ralf Döring, Thünen Institute
Monitoring of residues and waste in Germany
André Brosowski, Deutsches Biomasseforschungszentrum
Bioeconomy Monitoring: Sustainability impact assessments
Natalia Geng, Dr. Jörg Schweinle, Thünen Institute

11:45 **Lunch break**

Determination of Economic Indicators for Monitoring the Progress of the Bioeconomy

13:00 **Introduction into the project**
Development of Economic Indicators
Dr. Johann Wackerbauer, ifo Institute

Presentation of results and discussion
Indicators related to the Classification of Economic Activities
Dr. Johann Wackerbauer, ifo Institute
How to Determine the Size of Bio-based Sub-Sectors and Link them to Economic Indicators
Dr. Stephan Piotrowski, nova Institute
Measuring Innovation and Innovative Value Added of the Bioeconomy
Dr. Sven Wydra, Fraunhofer Institute for Systems and Innovation Research ISI
Tracking Substitution Effects of the Bioeconomy: Approach and Indicators
Wiebke Jander, Leibniz-Institut für Agrartechnik und Bioökonomie
Outlook to the Planned Case Study
Dr. Stephan Piotrowski, nova Institute

14:15 **Break**

Systemic Monitoring and Modelling of the Bioeconomy (SYMOBIO)

14:45 **Introduction into the project**
How to measure the bioeconomy comprehensively and recognize progress and deficits
Prof. Dr. Stefan Bringezu, CESR University of Kassel

Presentation of results and discussion
Stakeholders expectations on monitoring the bioeconomy
Prof. Dr. Daniela Thrän, Helmholtz Centre for Environmental Research UFZ
Indicator system and reference values for the assessment
Prof. Dr. Stefan Bringezu, CESR University of Kassel
Water footprint – methods and first results
Prof. Dr. Rüdiger Schaldach, CESR University of Kassel
Land foot print and agriculture model – methods and expected results
Dr. Klaus Hennenberg, Öko-Institut e.V. Institute for Applied Ecology
Remote sensing technologies for Bioeconomy monitoring – Methods development and test results
Dr. Jan Henke, Meo Carbon Solutions

16:30 **Conclusions and outlook**
Panel with project leaders and representatives of the Federal Ministries
(Moderator Prof. Dr. Daniela Thrän)

17:00 **End of conference**

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Information and registration https://symobio.de/en/status-conference-2018