

European Bioeconomy Congress

October 6-7, 2016, Lodz



Bioeconomy
Congress
EBCL 2016

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promotes
lodzkie

Main Organizer

Marshal's Office
of the Lodzkie Region

Venue

EC1 Lodz



Associated events

- Central and Eastern European Bioregions Forum, Lodz 2016
- BIOWEEK Lodz 2016
- 9th International Organic And Natural Food Fair NATURA FOOD

Objectives

- Networking and clustering of Central and Eastern European bioregions
- Developing RIS3 synergies in the bioeconomy oriented regions
- Promoting ideas of sustainable bioeconomy
- Involving industry into the bioeconomy value chains
- Transfer of best practices, sharing knowledge, training and education

DAY I

6TH OCTOBER 2016

REGISTRATION

09:00-10:00

OPENING SESSION 01

10:00-11:00

Welcome: **Witold Stępień** and **Hanna Zdanowska**, Hosts of the Lodzkie Region and Lodz City

Opening speeches:

- **Witold Stępień**, Marshal of the Lodzkie Region
- **Jarosław Gowin**, Vice Premier, Minister of Science and Higher Education
- **Jerzy Kwieciński**, Vice Minister of Economic Development
- **Robert-Jan Smits**, Director General DG RTD, European Commission

PLENARY SESSION P1 SUSTAINABLE BIOECONOMY

11:00-12:30

Chairperson: **Andrzej Siemaszko**, Advisor to Marshal of the Lodzkie Region

- **John Bell**, Director, DG RTD, European Commission: European strategy for bioeconomy
- **Stanisław Bielecki**, Technical University of Lodz: Pilars for the regional bioeconomy development
- **Christian Patermann**, International Expert: Circular bioeconomy
- **Joanna Dupont-Inglis**, Director, Industrial Biotechnology, EuropaBio: Opportunities and challenges for building a sustainable and competitive EU bioeconomy.
- Questions & Answers

CENTRAL AND EASTERN EUROPEAN BIOREGIONS FORUM

12:30-13:00

Ceremony of signature of the MoU of Central and Eastern European Bioregions Forum, Marshals of Regions (CoR, ERRIN, DG RTD)

LUNCH 13:00 – 14:00

PRESS CONFERENCE 13:00-13:30

PARALLEL SESSIONS 14:00 – 16:00

PART I

SESSION A1: DEVELOPMENT OF BIOECONOMY IN REGIONS

Chairperson: Marcin Podgórski, Marshal's Office of the Lodzkie Region

- **Markku Markkula**, President of the European Committee of the Regions: Role of the regions in implementing bioeconomy
- **Horst Mosler**: Director of Bioeconomy Cluster of Excellence, BCM BioEconomy Cluster Management GmbH, Halle
- **Jean-Marie Chauvet**, Director, Fondation Jacques de Bohan, **Antoine Peeters**, Head of Partnerships and External Relations, IAR – The French Bioeconomy Cluster: The French Bioeconomy Innovation Ecosystem : focus on the biorefinery of Bazancourt and the IAR Cluster
- **Josef Glössl**, Vice Rector for Research and International Research Collaboration, University of Natural Resources and Life Sciences, Vienna: Towards the Development of an Austrian Bioeconomy Strategy
- **Adam Struzik**, Marshal of the Mazovia Region: Bioeconomy in Mazovia
- **Ryszard Świlski**, Member of the Board of the Pomorskie Voivodeship: Bioeconomy in Pomorskie
- **Richard Tufts**, Director, ERRIN: Bioeconomy development - best practices, bottlenecks in regions

SESSION B1: HIGH QUALITY FOOD FROM REGIONS

Chairperson: **Eugenisz Chylek**, Department of Strategy, Analysis and Development, Ministry of Agriculture and Rural Development

- **Olivier Dubois**, Senior Natural Resources Officer, UN Food and Agriculture Organisation (FAO): Global food problems
- **José Ruiz Espi**, DG Agriculture and Rural Development, European Commission: Agro-food investment platform
- **Dorota Kruczyńska**, Research Institute of Horticulture (INHORT): Polish Potential in Horticulture
- **Izabella Byszewska**, President, Polish Chamber of Regional and Local Product: Potential of regional and traditional products in Poland
- **Stanisław Staniszewski, Wojciech Radzikowski**, Polish Chamber of Regional and Local Products: Promotion of Polish culinary heritage
- **Lidia Sas Paszt, Stanisław Kaniszewski**, Institut of Horticulture Skierniewice: Ecological food
- **Edmund Borawski**, President of the Board, SM Mlekoopol: Polish potential in dairy products
- **Tomasz Mróz**, National Contact Point (KPK): Support for participants of Framework Programme Horizon 2020

SESSION C1: BIO-BASED MATERIALS

Chairperson: **Stanisław Bielecki**, Member of the European Bioeconomy Stakeholders Panel, professor, Technical University of Lodz

- **Halina Kalinowska**, Technical University of Lodz: From Renewables to Environmentally Friendly Polymers
- **Stefan Ruyters**, Bio-innovation Agent, Ghent Bio-Economy Valley: SuperBIO project supporting innovation in the bio-based economy
- **Joanna Matras-Michalska**, Coordinator of the Medical Devices - Research and development department, TRICOMED S.A.: Biodegradable materials
- **Izabella Krucińska**, Technical University of Lodz: Biodegradable materials in INNOTEXTILE Programme
- **Artur Bartkowiak**, Association West Pomeranian Chemical Cluster „Green Chemistry” / The West Pomeranian University of Technology, Szczecin: Bio-based materials for functional food packaging

COFFEE BREAK

16:00 – 16:30

PARALLEL SESSIONS

16:30 – 18:30

PART II

SESSION A2: SYNERGIES IN INTEGRATION OF RIS3 ORIENTED ON BIOECONOMY

Chairperson: **Anna Rogut**, President, Council of the National Research and Development Center

- **Eskarne Arregui**, Institute for Prospective Technological Studies (IPTS): Synergies between Funding Programmes for Fostering Regional Innovation Potential on Bioeconomy
- **Sigrún Elsa Smáradóttir**, Head of Industry Solutions and Consulting, MATIS Ltd: Strategy for development of bioeconomy in Iceland
- **Csongrad Region, Hungary**
- **George Sakellaris**, Academy of Sciences of the Czech Republic: Bioeconomy of Southern Bohemia
- **Mika Aalto**, Head of Division, Ministry of Employment and the Economy, Finland: Strategy for development of bioeconomy in Finland.
- **Aneta Białkowska**, Technical University of Lodz: Joint study courses on bioeconomy TUL-WUT-MTA

SESSION B2: CIRCULAR BIOECONOMY

Chairperson: **Zofia Wysokińska**, professor, University of Lodz

- **Manfred Kircher**, Chairman of the Advisory Board, CLIB2021- ClusterIndustrielle Biotechnologie e.V.: Realizing the Bio- and Circular Economy through International Cooperation
- **Gerhard Schembecker**, TU Dortmund University: Downstream processing of bioprocesses
- **Krzysztof Biernat**, Automotive Industry Institute (PIMOT): Biorefineries in Poland
- **Dorota Pawlucka, Andrzej Górak**, TU Dortmund: European research projects for circular economy, an insider look
- **Raffaella Serra**, Gruppo MG: Cellulosic Biorefineries in EMEA: Beta Renewables technology and commercial activity in the region

- **Michael Carus**, Managing Director Nova-Institut GmbH, Cologne: Biomass availability and demand

SESSION C2: SESSION BIOTECHNOLOGIES: BIOPOLYMERS IN REGIONS

(in cooperation with POLINTEGRA-EPNOE-CEREALES VALLEE-BIOECONOMY CLUSTER)

Chairperson: Andrzej Korneliusz Błędzki, POLINTEGRA Center, West Pomeranian University of Technology, Szczecin/University of Kassel

- **Horst Mosler**, BioEconomy Cluster: From Lignocellulosic Feedstock to a Value based Bioeconomy
- **Danuta Ciechańska**, Director of Institute of Biopolymers and Chemical Fibres, POLINTEGRA Center: Biopolymers - new trends and markets
- **Marek Cieślak**, President of the Board, Bionanopark, **Krzysztof Makowski**, Head of Laboratory of Industrial Biotechnology, Bionanopark: Bionanopark Center – place for biotechnology research and development
- **Patrick Navard**, European Polysaccharide Network of Excellence: Research challenges in biomass-based polymers
- **Gerd Unkelbach**, Fraunhofer-Zentrum für Chemisch-Biotechnologische Prozesse CBP: Biotechnological processes of wood biomass processing
- **Tomasz Kapela**, President of Biotechnika: White Biotechnology
- **Artur Cavaco Paulo**, University of Minho: Biosynthetic polymers
- **industrial partners**

BUSINESS MEETINGS

18:30 – 19:00

CENTRAL AND EASTERN EUROPEAN BIOREGIONS FORUM

19:00-19:30

Chairperson: Richard Granger, President, European Office (Brussels), Technology Partners Foundation

- Ceremony of signature of the LoI between Regions and BBI JU and BIC, Marshals of Polish Bioregions, BBI JU, BIC (in presence of DG RTD)

GALA DINNER

19:30 – 22:00

DAY II

7TH OCTOBER 2016

REGISTRATION

08:00 – 08:30

PLENARY SESSION P2 BIO-BASED INDUSTRIES IN REGIONS

08:30 – 11:00

(in collaboration with Bio-Based Industries JU)

Chairpersons: **Zygmunt Krasiński**, Director, National Contact Point of Research Programmes of EU, **Philippe Mengal**, Executive Director, Bio-Based Industries Joint Undertaking

- **Jerzy Buzek**, MEP, President of ITRE, European Parliament
- **Waldemar Kutt**, Head of Unit BioBased products and processes, DG RTD, European Commission, Bioeconomy in H2020
- **Stefano Bisoffi**, Director CREA Italy, **Elke Saggau**, Federal Office for Agriculture and Food, Germany: SCAR Foresigth results
- **Philippe Mengal**, Executive Director, Bio-Based Industries Joint Undertaking
- **Suzy Renckens**, Bio-based Industries Consortium: Mission of BIC
- **BBI flagship/demo projects:** best practices
 - First2Run – (Novamont spa);
 - Peter Roger, Valchem: Making wood go further;
 - Stefan Hanstein, Fraunhofer Institut, Germany: HYPERBIOCOAT;
 - A. Bronisz, Warsaw University of Life Sciences: TECH4EFFECT.

COFFEE BREAK

11:00 – 11:30

PARALLEL SESSIONS

11:30 – 13:30

SESSION A3: COLLABORATION OF THE REGIONS

Chairperson: Ewa Sadowska-Kowalska, President, Fundation of Entrepreneurship Development, Lodz

- **Henning Klarlund**, Senior Adviser, Roskilde University: Pathways to impact - realising the bioeconomy in the Baltic Sea Region
- **Tadeusza Trziszka**, Rector of the Wroclaw Life Sciences University: Green Valley of Food and Health
- **Kazimierz Murzyn**, Executive Director of the Cracow LifeScience Cluster: Bioeconomy – the strategic intent of smart specialisation in Małopolska Region
- **Joanna Przedrzymirska**, Maritime Institute in Gdansk: A strategic approach to implement actions towards promoting the Blue BioEconomy in the BSR
- **Winnica Region**, Ukraine
- **Ewa Kochańska**, President, Proakademia:
- **Wolfgang Blank**, Managing Director, WITENO GmbH: BioCon Valley

SESSION B3: BIOECONOMY FOR ACTIVE LIFE AND HEALTHY AGEING (in collaboration with the KIC EIT Health)

Chairperson: Przemysław Andrzejak, President, Lodzkie Regional Development Agency

- **JPI: Healthy Food for Healthy Life**
- **Marek Posobkiewicz**, Chief Sanitary Inspector,
- **Iwona Wybrańska**, Department of Clinical Biochemistry, Jagiellonian University, Medical College: Nutrigenomics and epigenetics in new obesity treatment strategy
- **Jan Lubiński**, International Hereditary Cancer Centre; Pomeranian University of Medicine Szczecin; Read-Gene SA: Personalized use of micronutrients in cancer prevention and treatment
- **Lucyna Woźniak**, Medical University of Lodz, EIT-HEALTH
- **Maciej Wieczorek**, President, Mabion SA: Biotechnology in Mabion
- **Alexander Böker**, Fraunhofer-Institut für Angewandte Polymerforschung, Potsdam: Integration of Biological Functionalities into Polymer Materials: Towards Artificial Biomembranes
- **Jarosław Markowski**, Research Institute of Horticulture (INHORT):, Functional food

SESSION C3: ADAPTATION TO CLIMATE CHANGE IN REGIONS

Chairperson: Wojciech Frątczak, Head of Unit, Regional Water Management Authority Warsaw

- **Giuseppe Arduino**, UNESCO-IHP, Division of Water Sciences: International Ecohydrological Programme of UNESCO for Sustainable Development Goals and Adaptation to Climate Change
- **Maciej Zalewski**, Director of European Regional Centre for Ecohydrology of the Polish Academy of Sciences: Multidimensional Goals for Sustainable Water, Environment and Society
- **Andrzej Kędziora**, Institute for Agricultural and Forest Environment of Polish Academy of Sciences: Adaptation of Agriculture Land and Urban Space to Climate Change
- **Alberto Pistocchi**, European Commission, Joint Research Centre, Institute for Environment and Sustainability
- **Jerzy Długoński, Zdzisława Romanowska-Duda**, University of Lodz: Fito and biotechnologies
- **Li, Zhe**, Chongqing Institute of Green and Intelligent Technology Chinese Academy of Sciences, Ecohydrology in China: Evaluating GHG emission in Yangtze hydroelectric reservoirs, China: State-of-the-art and Case studies.
- **Jacek Gralewski**, Piertucha Group. Environmental engineering
- **Juliusz Sumorok**, President, Zielone Oczyszczalnie Łask: Green biorefinery

LUNCH

13:30 – 14:30

BUSINESS MEETINGS

14:30- 16:00

NATURA FOOD

15:00 – 18:00

9th International Organic and Natura Food Fair

PLENARY SESSION

15:30 -16:30

SESSION B4:

EXPORT OF HIGH QUALITY FOOD

- **Roman Jagieliński:** AGRIPORT CENTRUM
- **Krzysztof Rutkowski**, Research Institute of Horticulture (INHORT): Export of high quality food
- **Izabella Byszewska**, President, Polish Chamber of Regional and Local Products: Jakość Tradycja – national system protecting regional and traditional food
- **Stanisław Kolbusz**, President of the Ekosystem Association: Ecological agriculture
- **Lidia Sas Paszt**, Research Institute of Horticulture (INHORT): Ecological food
- **Gabriel Janowski**, Polish Quality Food: Polish potential in high quality food

Visiting the NATURA FOOD FAIR

16:30 -18:00