

## «Biomass: Fuel & Energy – 2021»

### Program

#### Day 1, April 13, 2021

8:30 Registration and welcome coffee

**9:30 - 11:00 Opening session. Introduction. Legislation, Public Policy and Infrastructure of the biofuel market.**

*Biomass: supply and demand, logistics, preprocessing. Biofuel as a tool for regional development. Government initiatives on biofuels market development.*

**Alex ABLAEV, PhD, MBA, President, Russian Biofuels Association**

Opening remark.

**Olga KOCHETKOVA, Deputy Director, Department of Social Development and Innovations, Ministry of Economic Development of the Russian Federation**

Government initiatives to develop and support the markets of grain processing.

**Eduard AKIM, D.Sc., Professor, Honorary Member of the UN FAO Advisory Committee on Sustainability of the Forest Sector. Head of Department, Higher School of Technology and Energy, St. Petersburg State University of Industrial Technology and Design**

Global trends in biomass production and use.

**Vladimir BOBYLEV, Editor-in-chief, Oil and Capital magazine**

A look at biofuels from the oil industry perspectives.

11:00 Coffee break

**11:30 - 13:00 European CO2 tax and the possibility of reducing the impact of the tax on Russian producers of petrochemicals, fertilizers and other products.**

**Natalia MALASHENKO, Director of Corporate Relations, Russia, UPM**

Prospects for the development of a green economy.

**Vladimir SIDOROVICH, Director, Information and Analytical Center "New Energy" (RenEn.ru)**

European carbon tax.

**Ula SZALKOWSKA, Business Development Manager, SGS**

EU carbon tax and its implications for economic sectors.

**Evgeniya PILIPENKO, Director of the Project Development Department, Sibur**

Biotechnology projects as part of the sustainable development agenda for the global petrochemical sector.

**Christina BITTNER, Analyst, SGS**

World development of the biofuel market: requirements for the use of biofuels, the maximum permissible proportions of ethanol and biodiesel, HVO, biodiesel.

13:00 - 14:00 Lunch

**14:00 - 15:30 Biomass conversion: thermochemical, biochemical, hybrid. Using solid waste and other organic waste to generate electricity, produce heat and chemical products.**

**Arkady SINITSYN, D.Sc., Professor, Head of the Laboratory of Enzyme Biotechnology, Federal Research Center "Fundamentals of Biotechnology" RAS; Head of the Laboratory of the Faculty of Chemistry, Moscow State University named after M.V. Lomonosov**

Bioconversion of renewable plant biomass: raw materials, preprocessing, enzymes, processes, economics.

**Maya KULIKOVA, D.Sc., Head of Sector, Leading Researcher, Institute of Petrochemical Synthesis named after A.V. Topchieva**

Conversion of secondary biomass into liquid hydrocarbons.

**Andrey GRACHEV, D.Sc., General Director, ELP Group**

Mobile plant for the thermochemical conversion of biomass and other organic waste to produce liquid organic products and fine coal.

**Valentin SAPUNOV, D.Sc., Professor, Department of Chemical Technology of Basic Organic and Petrochemical Synthesis, Russian Chemical Technical University named after DI. Mendeleev**

Vegetable oils are a new renewable raw material for the chemical industry.

**Leonid PANKRATOV, Director for Licensing Technologies, Shell Global Solutions**

Biomass processing technology and diesel fuel production by hydrolysis. Technology for the production of biodiesel and bio-kerosene and vegetable and animal fats.

15:30 - 16:00 Coffee Break

**16:00 - 17:30 Biomass for electricity generation and production of heat. Wood chemistry. Logistic of biomass.**

**Liya TSIPENYUK, analyst, Gazprombank**

Hydrogen and Biohydrogen: Present and Future.

**Olga RAKITOVA, Ph.D., Executive Director, National Bioenergy Union (NBS)**

Solid biofuel market in Russia and the world: wood pellets - production prospects in Russia.

**Alexander PEKARETS, Ph.D., Director, Shelekhovskiy wood processing plant**

The technology for the production of charcoal briquettes from woodworking waste is a hit of sales for export.

**Sergey PEREDERIY, Director, Eko Holz-und Pellethandel GbR**

A revolution in pellet certification enabling small producers to export to Europe.

**Konstantin DEMENTYEV, Ph.D., head of the sector "Chemistry and Technology of Catalytic Cracking", Institute of Petrochemical Synthesis named after A.V. Topchieva**

The use of pyrolysis oil from biomass as a raw material in existing refineries.

**17:30 - 18:30 Degustation "Spirits of the world" sponsored by Lallemand Biofuels & Distilled Spirits**

Join us to taste alcoholic beverages from all over the world and to enjoy nuances of these wonderful drinks.

18:30 Cocktail Reception



**Day 2, April 14, 2021**

## **Forum «Fuel Bioethanol - 2021»**

8:30 Registration and welcome coffee

**9:30 - 11:00 Bioethanol fuel: the law is passed, what next?**

**Vladimir SKVORTSOV, Deputy Director of the Department of Food and Processing Industry, Ministry of Agriculture of the Russian Federation**

The development of the industry of deep processing of grain and sugar beet in Russia.

**Mikhail ERSHOV, Ph.D., Associate Professor, Department of Oil Processing Technology, Russian State University of Oil and Gas I.M. Gubkin**

Bioethanol as a high-octane additive. Comparative cost to consumers.

**Maxim GRIGORIEV, Ph.D., Associate Professor, Department of Fermentation Technology and Winemaking, Moscow State University of Food Production**

Legislative regulation of the production and circulation of edible alcohol, industrial alcohol and bioethanol. Production control and accounting techniques.

**Marina SIDAK, Ph.D., Lecturer, Department of Statistics, Plekhanov Russian University of Economics**

Long-term trends in the market of raw materials for the production of bioethanol: grain, sugar beet. Bioethanol as a survival tool for sugar factories.

11:00 Coffee Break



**11:30 - 13:00 Production of food, technical and fuel alcohol. Projects and case studies:  
news, startup issues, feasibility studies.**

**Dmitry ARSENEV, General Director, Nikita DUDKIN, Deputy Director General,  
NPK Ecologia**

Concept, budget and construction of bioethanol plant: Engineering of complex projects in chemistry and petrochemistry. Experience in real projects.

**Svetlana EVTEEVA, Team Leader, Yokogawa Electric**

Automation of a modern bioethanol plant.

**Torsten SCHULZE, Managing Director, Vogelbusch**

Application of modern alcohol production technologies to optimize complexes for deep processing of agricultural raw materials.

**Vitaly DUBROVSKY, PhD student, Department of Chemical Technology of Basic  
Organic and Petrochemical Synthesis, Russian Chemical Technical University  
named after DI. Mendeleev**

Review of industrial technologies for the synthesis of chemical products from ethanol.

13:00 - 14:00 Lunch

**14:00 - 15:30 Production of food, technical and fuel alcohol. Additional products of  
bio-ethanol plant: DDGS, protein feed, CO2 and so on.**

**Maria NACHETOVA, PhD, Sales and Technical Consultant, Lallemand Biofuels &  
Distilled Spirits**

Bioethanol: key aspects of effective production.

**Egor VINOKUROV, Head of Division, Alfa Laval**

Features of heat exchange equipment and evaporation systems in the production of alcohols, sugars and starch-containing products.

**Elena SERBA, D.Sc., Deputy Director for Research; Natalia POGORZHELKAYA,  
Ph.D., Scientific Secretary, Russian Institute of Industrial Biotechnology**

The role of enzymatic catalysis in alcohol production.

**Andrey DOLZHENKOV, Expert of the Union of Feed Makers, Purchasing  
Manager, Cargill**

DDGS as a source of profit for bioethanol plants. How to become a reliable supplier for large companies?

15:30 Coffee-Break



**16:00 - 17:30 New generation biofuels. Bioethanol from lignocellulose. Monetization of biochemical and bioproducts: lignin, products based on sugars from biomass and cellulose.**

**Damien GEOFFROY, Sales Manager Alcohol & Bioconversion, MAGUIN (France)**

New technologies and innovations to optimize and integrate alcohol production processes leading to lower operating costs.

**Vladimir TREMBOVOLSKY, General Director, ETB KAT LLC**

Opportunities and ways of making a profit on the Biomass-Ethanol-Chemistry and Fuel chain. Progress in the commercialization of one-stage technology for the production of butadiene from bioethanol.

**Yogi SARIN, CEO; Abhishek RAIZADA, Process Development Engineer; Petron Scientech Inc.**

The technology for the production of bioethanol from lignocellulosic biomass is an integrated process.

**Aleksey ABLAEV, Ph.D., President, Russian Biofuel Association**

Industry projects.

18:00 End of Forum



**April 15, 2021**

9:00 - 18:00 **Technical workshop "SpirtExpert": alcohol production technology and ensuring the smooth running of alcohol production**

Location: Holiday Inn Lesnaya. To participate in the seminar, you are required to register.

Workshop "SpirtExpert" is intended for distilleries technical specialists responsible for the production process and high quality of drinking alcohol. Participation in the workshop is recommended for:

- Technical Director
- Chief Engineer
- Chief Technologist
- The technologist of alcohol production
- Head of the main plant laboratory