

International Congress
“DAYS OF CLEAN ENERGY IN ST. PETERSBURG”
Russia, St. Petersburg, hotel “Park Inn Pribaltiyskaya”
April 15-16, 2010

within the frames of Northwest Russia Renewable Energy Forum

PROGRAM

Organizers:



RES Committee

With support of:



**BRITISH CONSULATE - GENERAL
ST PETERSBURG**

Partners:



**RUSSIAN ASSOCIATION
of WIND POWER INDUSTRY**

March 23, 2010

There is a possibility of amendments and changes to the program

**PROGRAM
of the International Congress
«DAYS OF CLEAN ENERGY IN ST. PETERSBURG»**

Saint Petersburg, Hotel «Park Inn Pribaltiyskaya»
April 15th-16th, 2010

April 15th, 2010

09.00 – 10.00 Participant Registration

PLENARY SESSION

**10.00 – 10.20 On the Development of Regulations Aimed at Implementing Federal Law
№ 261-FZ from 23.11.2009 “On Energy-Saving and Energy Effectiveness in the
Russian Federation”**

Subcommittee for Energy of the State Duma of the Russian Federation *

10.20 – 10.40 Topic is under discussion

William Elliott, General Consul of British Consulate-General in Saint Petersburg

10.40 – 11.05 On the Necessity and Pace of the Development of Renewable Energy in Russia

Bezrukikh, Pavel Pavlovich, Vice-Director General of the Institute of Energy Strategy,
Representative of the Committee on Problems of Using RES RosSNIO, Ph.D

**11.05 – 11.30 Effectiveness of complex use of renewable energy sources in the regional energy
complexes**

Elistratov, Victor Vasilievich, head of department of renewable energy sources and
hydro energy of St. Petersburg State Polytechnical University, vice-chairman of the
Committee for renewable energy sources use of RosSNIO, Ph.D.

**11.30 – 11.50 International Project: “Program for Developing Renewable Sources of Energy in
the Russian Federation”**

Maksim Titov, International Finance Corporation (IFC), World Bank*

11.50 – 12.05 Project “The Development of Renewable Energy in Northwestern Russia”

Nikitin, Aleksandr Konstantinovich, Chairman of the Board of ERC “Bellona”

12.05 – 12.25 Resources, tendencies of development and current state of bionergy in Russia

Rakitova, Olga Sergeevna, Executive Director of the National Bio-Energy Union, Ph.D

**12.25 – 12.45 Innovational Conspectus for Solving the Problems of Modern Energy. A Necessary
Legislative Base for the Implementation of Projects for New Energy. Chances for
the Integration of Russian Industry in the Global System of Production of RES
Components**

Günter Benik, President of Energiteam AG

12.45 – 12.05 Perspective Technologies for Using RES in Centralized and Autonomous Energy

Popel, Oleg Sergeevich, Ph.D, Head of Laboratory of the United Institute for High
Temperatures at the Russian Academy of Sciences

Organizing Committee:

Russia, Saint-Petersburg, Syvorovsky prospect, 59-A, room 5-H
Tel.: 007 (812) 275-77-61, 702-61-25 Fax: 007 (812) 719-88-43
E-mail: congress@bellona.ru Web: www.bellona.ru

12.05 – 12.30	Modulated Conspectus for Projects in Renewable Energy Melnik, Ilya, Ph.D, PBI Research Institute (Finland)
12.30 – 13.00	Coffee Break
	<u>ROUND TABLE</u> <u>“Legislative Regulation of Renewable Energy in Russia and Investment”</u>
13.00 – 13.10	Openning words
13.10 – 13.30	Legal Guarantees for the Development of RES in the Russian Federation Ponkratye, Pavel Aleksandrovich, Director of the Department of Renewable Energy Sources of “RusGidro”
13.30 – 13.50	Specifics of the Application of Power Plants Using Renewable Sources of Energy to the Power Grid JSC “Inter-Regional Distribution Company Northwest”*
13.50 – 14.10	Questions Pertaining to Increasing Energy Effectiveness in Enterprises in Accordance to the Russian Federation Law №261-FZ “On Energy-Saving” Dzekser, Naum Naumovich, Director General of “Engineering Electrotechnology Center – Contact,” Ph.D
14.10 – 14.30	Questions. Discussion
14.30 – 14.50	The Development of Regional Programs of Energy Effectiveness Taking into Account the Possibility of Using Local and Renewable Energy Sources Grishina, Vera Leonidovna, Director of the Northwestern Branch-Office of the Agency for Forecasting the Balance of Electricity, Ph.D
14.50 – 15.10	A Regional Program of Using Renewable Energy Sources in the Murmansk Region Minin, Valery Andreevich, Vice-Director for Scientific Work at the Center of Physical-Technical Problems of Energy of the North, Kola Scientific Center of the Russian Academy of Sciences, Ph.D
15.10 – 15.25	Questions. Discussion
15.25 – 15.45	Coffee-break
15.45 – 16.05	Regional Programs and Projects for Using Renewable Energy: Department of Combustible-Energy Complexes in the Administration of the Vologda Region*
16.05 – 16.25	Experiences in Forming Regional Programs for Saving Energy: Committee for Energy and Engineering of the Administration of Saint Petersburg *
16.25 – 16.45	Municipal Programs for Energy Saving Parshina, Valentina Fedorovna, Director of the Department of Analysis and Perspective Planning for the Development of Energy Complexes of the Department of Combustible-Energy Complexes and Subsurface Use by the Ministry of Development of Infrastructure in the Kaliningrad Region *
16.45 – 17.00	The View of an Investor in Innovation in Energy Veselova, Irina Borisovna, President of Investment Group “Planet Capital”

Organizing Committee:

Russia, Saint-Petersburg, Syvoroysky prospect, 59-A, room 5-H
Tel.: 007 (812) 275-77-61, 702-61-25 Fax: 007 (812) 719-88-43
E-mail: congress@bellona.ru Web: www.bellona.ru

- 17.00 – 17.15 Investment experience in renewable energy projects**
Representative of NEFCO
- 17.15 – 17.30 Topic is under discussion**
Representative of JSC “Sberbank” *
- 17.30 – 17.45 Topic is under discussion**
Representative of JSC “EvraziyaEnergoServis” *
- 17.45 – 18.00 Final Discussion. Conclusion**

April 16th, 2010

- 09.30 – 10.00 Guest and Participant Registration**

Session on “Bio-Energy – From Waste to a Profitable Energy Resource”

Moderator – Rakitova, Olga Sergeevna, Executive Director of the National Bio-Energy Union, Editor-in-Chief of the Journal “International Bio-Energy,” Ph.D

- 10.00 – 10.10 Opening words**
- 10.10 – 10.30 Conception of Project for use of low quality wood and woodworking wastes in the biofuel production**
Trubin, Yuri Germanovich, Deputy Minister of natural resources and woodworking complex of Arkhangelsk region
- 10.30 – 10.55 Technologies in the Utilization of Waste and Legislation in this Sphere**
Bobrovsky, Petr Igorevich, National Packing Union
- 10.55 – 11.15 Development of wood-pellets market in Russia, Europe and world: tendencies and problems**
Rakitova, Olga Sergeevna, Executive Director of the National Bio-Energy Union, Ph.D
- 11.15 – 11.30 Trade in Bio-Fuel in Europe: A New European Standard, Specificity of Work**
Perederiy, Sergey Eduadrovich, EKO Holz und Pellets, Germany
- 11.30 – 11.50 Coffee-break**
- 11.50 – 12.05 The Logistics of Bio-Fuel in Russia**
Kuchinsky, Vladimir Ilych, Director of the Russian Bio-Fuel Association
- 12.05 – 12.20 Experiences in Preparing and Structuring Investment Projects in the Reconstruction of Municipal Furnaces to Work on Bio-Fuel**
Dyachenko, Andrey Sergeevich, Director of the Russian Delegation VEKST Foundation, Ph.D
- 12.20 – 12.35 The Specificities of Bio-Fuel Equipment in Russia**
Ovsyanko, Anton Dmitrievich, Director General of “Portal-Engineering”
- 12.35 – 12.50 Boilers and boiling plants by HERZ Energietechnik GmbH**
Bryansky, Andrey, HERZ Engineering systems Ltd.
- 12.50 – 13.05 Fuel Bricks from Plant Materials. Technology Aimed at its Use**

Organizing Committee:

Russia, Saint-Petersburg, Syvorovsky prospect, 59-A, room 5-H
Tel.: 007 (812) 275-77-61, 702-61-25 Fax: 007 (812) 719-88-43
E-mail: congress@bellona.ru Web: www.bellona.ru

Avshtolis, Vladimir Igorevich, Director of Development at "Pinibriket"

13.05 – 13.20 Thermal Power Plants on Wood Gas

Safyanov, Sergey, "CPMC"

13.20 – 13.35 Development of industrial technology: "Production of alternative liquid bioorganic fuel and bioenergy out of organic wastes of poultry and animal husbandry"

Ostrovsky Mikhail, Chairman of German-Russian Institute for biomagnetic cybernetics and nanotechnologies

13.35 – 14.00 Coffee-break

14.00 – 17.30 Session continuation...

Session on "Wind Energy. The Potential of Northwestern Russia"

Moderator – Elistratov, Viktor Vasilievich, Ph.D, Professor, Head of the Department "Renewable Sources of Energy and Hydroenergy" at SPbSTU

10.00 – 10.05 Opening words

10.05 – 10.15 Experiences in the Kaliningrad Region in the Sphere of Developing Wind Energy in Russia

Zatoplyaev, Boris Semenovich, Kaliningrad Association of Energy Saving

10.15 – 10.30 Prospects of use of wind energy for heat supply of decentralized consumers of the North

Minin, Valery Andreevich, Vice-Director for Scientific Work at the Center of Physical-Technical Problems of Energy of the North, Kola Scientific Center of the Russian Academy of Sciences, Ph.D

10.30 – 10.45 An Evaluation of the Effectiveness of Large-Scale Energy in Russia Taking into Account Tendencies in Developing the Market for Combustible Energy Resources

Nikolaev, Vladimir Gennadyevich, Director General of the Scientific Informational Center "Atmograf"

10.45 – 11.00 Windenergy projects in Russia. Practice of launching

Bryzgunov, Igor Mikhailovich, Director General of the NPO "Elektrosfera," President of the Russian Wind Energy Association

11.00 – 11.15 Decentralized Energy. Mobile Energy Container

Waldemar Renner, Executive Director of Energieteam RUMO GmbH

11.15 – 11.30 Russian Wind Energy Complexes Guaranteeing Small Electricity Output

Gribkov, Sergey Vladimirovich, Director of SIC "VINDEK," Ph.D, member-correspondent of RIA

11.30 – 11.50 Coffee-break

11.50 – 12.05 Topic is under discussion

Representative of WinWind

12.05 – 12.20 Topic is under discussion

Representative of Vestas

Organizing Committee:

Russia, Saint-Petersburg, Syvorovsky prospect, 59-A, room 5-H
Tel.: 007 (812) 275-77-61, 702-61-25 Fax: 007 (812) 719-88-43
E-mail: congress@bellona.ru Web: www.bellona.ru

12.20 – 12.30	Windpower by Siemens Representative of Siemens
12.35 – 12.50	Defining the Technical Wind Energy Potential Taking into Account Calms and Lulls in Energy Minina, A.A., Graduate Student at SPbGPU
12.50 – 12.55	Break
<u>Session on “Hydroenergy – Small-Scale Hydroelectric Plants and Tidal Power Plants”</u>	
Moderator - Blyashko, Yakov Iosifovich, Director General of the Interdisciplinary Scientific Association “INSET,” Ph.D	
12.55 – 13.00	Openning words
13.00 – 13.20	Small-Scale Hydroenergy – Development in Russia Blyashko, Yakov Iosifovich, Director General of the Interdisciplinary Scientific Association “INSET,” Ph.D
13.20 – 13.35	On the Necessity and Possibilities in the Development of Small-Scale Hydroenergy in the Leningrad Region Committee for Energy Complex and Housing by the Administration of the Leningrad Region *
13.35 – 14.00	Coffee-break
14.00 – 14.15	On the Development of Small-Scale Hydroenergy in Northwestern Russia JSC “TGK-1”*
14.15 – 14.30	Development of small hydro energy in Norway Olafsson, Nina, hydropower enrgineer of Norconsult AS
14.30 – 14.45	Production and Operation of Aggregates for Small-Scale Hydroelectric Plants JSC “Siloviye Mashiny”
14.45 – 14.25	Role of Hydro Energy in the Development of Municipalities Nikolaenko, Yuri Ivanovich, Director General of NPO “RAND,” Ph.D
14.25 – 14.40	Experiences in Developing Tidal Power Plants in Northwestern Russia Savchenko, Stepan Nikolaevich, Diretor General of “The Small-Scale Mezen Tidal Power Plant”
14.40 – 14.55	Work Experience in the Field of Tidal Energy from “Production Enterprise “Sevmash” Borodin, Valery Viktorovich, Vice-Director General – Director of Production of Marine Technology for Oil and Gas Discovery and Civil Shipbuilding *
14.55 – 15.10	New Technological Developments of the Company TideTec AS in the Field of Tidal Power John Brungot, Member of the Board of TideTec AS
15.10 – 15.25	Coffee-break

Organizing Committee:

Russia, Saint-Petersburg, Syvorovsky prospect, 59-A, room 5-H
 Tel.: 007 (812) 275-77-61, 702-61-25 Fax: 007 (812) 719-88-43
 E-mail: congress@bellona.ru Web: www.bellona.ru

Session on “Energy-Saving. Geothermal Energy. Solar Energy. Complex Systems of Energy on the Basis of RES”

- 15.25 – 15.30** Opening words
- 15.30 – 15.40** **Energy Effectiveness and Energy-Saving in Buildings and Structures with the Use of RES**
Bykov, E.N., Director of the Scientific Center for RES, SPbGPU, Ph.D
- 15.40 – 15.55** **Topic is under discussion**
Salov, Vladislav Zakharovich, Representative of the Scientific-Technical Council for “SevZap STC,” Director of Expertise in Industrial Safety at Power Plants
- 15.55 – 16.10** **Energy-Effective Projects Using Renewable Sources of Energy**
Markin, Vladimir Vladimirovich, Chair of the Board of Directors for the Group of Companies “Energy-Effective Technologies,” “SU 25” *
- 16.10 – 16.25** **Experiences in the Arkhangelsk Region in the Sphere of Increasing Energy Effectiveness**
Eremeev, Vadim Flegontovich, Director of the Arkhangelsk Regional Center of Energy Effectiveness
- 16.25 – 16.40** **The Newest Ultra-Economical Systems of Heating**
Rumyantsev, Vyacheslav Anatolevich, LLC “PMK”
- 16.40 – 16.55** **Energy-Effective Systems of Heating Using RES and Thermal Compressors**
Prunenkov, Kirill Pavlovich, Head Engineer at LLC “Alians-Neva”
- 16.55 – 17.10** **Resources, Energy Effectiveness, Means to Developing Energy in Karelia**
Sirodenko, G.I., Ph.D, Professor at SPbSTU
- 17.10 – 17.20** **An Evaluation of the Operational Characteristics of Solar Panels in Real Weather Conditions**
Aronova, E.S., Engineer at FTI named for A.F. Ioffe
- 17.30 – 18.00** **Concluding Plenary Session**

* - pending

Organizing Committee:

Russia, Saint-Petersburg, Syvoroysky prospect, 59-A, room 5-H
Tel.: 007 (812) 275-77-61, 702-61-25 Fax: 007 (812) 719-88-43
E-mail: congress@bellona.ru Web: www.bellona.ru