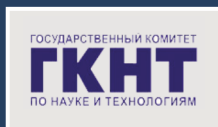




The Department of Energy
Efficiency State Committee on
Standardization



State Committee on Science and
Technology of the Republic of
Belarus



Project
EuropeAid/129710/C/SER/BY
“Support to the Implementation of
a Comprehensive Energy Policy
for the Republic of Belarus”



National Academy of
Science of the Republic of
Belarus

PROGRAM OF THE INTERNATIONAL FORUM

«DEVELOPMENT OF COOPERATION OF SCIENTISTS OF THE REPUBLIC OF BELARUS AND THE EUROPEAN UNION ON ACTUAL AREAS OF ENERGY SCIENCE»

June 27, 2012

Venue:
Prospect Nezavisimosti 99, Minsk (BSATU)

THE FORUM PARTNERS:

- Belarusian State Agrarian Technical University
- Unitary Enterprise "Institute NIPTIS named after S.S. Ataev"
- Magazine “Energy efficiency”

8.45-9.15	Registration of participants
9.15-9.45	<p>Forum Opening Welcome speeches of: <i>Head of Delegation of the European Union to the Republic of Belarus - Mrs Maira Mora</i> <i>Chairman of the State Committee on Science and Technology of the Republic of Belarus - Voitov Igor Vitalievich</i> <i>Director of the Department of Energy Efficiency – Semashko Sergey Aleksandrovich</i> <i>Deputy Minister on Construction and Architecture of the Republic of Belarus - Semenkevich Igor Dmitrievich</i></p>
Plenary Session	
9.45-10.00	<p>The tasks and functions of science in the development of energy efficiency and renewable energy sources (RES) in Belarus. The actuality of cooperation between scientists of Republic of Belarus and the European Union <i>V. Komashko, Deputy Director of the Department of Energy Efficiency</i></p>
10.00-10.15	<p>Primary areas of energy saving in construction <i>G. Pavlova, Head of the Main Directorate of Science, Technology and Innovation Policy of Ministry of Architecture and Construction, Minsk</i></p>
10.15-10.40	<p>Opportunities for participation of scientists from the Republic of Belarus and the EU countries in collaborative researches in the field of energy efficiency and RES, including the EU Seventh Framework Programme (7FP): The main provisions of international scientific and research programs, including the Seventh Framework Programme, its subprograms and the role of commercial researches. <i>S. Landau, EU Project Expert, Eco Ltd (Great Britain)</i></p> <p>Experience and problems of participation of Belarus in EU scientific programs. Assistance to potential and current partners of the Seventh Framework Programme. <i>O. Meerovskaya - Head of the Sector - National Coordinator of the 7FP, Belarusian Institute of System Analysis and Information Support of Scientific and Technical Sphere</i></p>
10.40-10.45	Introduction of the Chairpersons of Sections
10.45-11.00	<i>Coffee-break (room 325). Briefing for journalists. Moving to the room where relevant section will take place.</i>
Schedule of Work in Sections	
11.00-13.00	Morning Section
13.00-14.00	<i>Lunch (Café at BSATU building)</i>
14.00-16.15	Afternoon Session
16.15-16.20	<i>Moving to the room where the final session will take place</i>
Final Session (room 304)	
16.20-16.40	Brief report of Section Chairmen on work results
16.40-17.00	Discussion and decisions on Forum results
17.00-18.00	<i>Buffet (Café at BSATU building)</i>

Section 1: Renewable Energy Sources (biomass, wind, photovoltaic, etc.) Room 304.

Section Chairman:

Gerasimovich Leonid Stepanovich – Academician of NAS of Belarus, Ph.D., Chairman of the Expert Council of Higher Attestation Commission of Belarus on energy specializations, Professor Emeritus of BSATU

Morning Session	
11.00-11.35	Perspectives and research challenges of renewable energy in Belarus. <i>L. Gerasimovich, Academician of NAS of Belarus, Ph.D., Professor Emeritus of BSATU</i>
11.35-12.15	Status and trends of scientific researches in the field of bio energy in the EU countries <i>M. Barz, Professor of the University of Applied Technology, Berlin</i>
12.15-12.30	Developments of the Scientific and Production Center for Agricultural Mechanization of NASB on the use of renewable energy sources. <i>A. Timoschuk, Ph.D., Head of the Department of Energy SPC NASB on Agricultural Mechanization</i>
12.30-12.45	Biogas Laboratory at the Training and Research Complex “Volma” - the possibilities and prospects in teaching, researches and practical applications. <i>S. Kuchur, Dean of Faculty for Advanced Training</i>
12.45-13.00	Discussion and exchange of opinions
13.00-14.00	Lunch
Afternoon Session	
14.00-14.15	Renewable energy: ways of formation and development. <i>V. Rusan, Chairman of the “Renewable Energy” Association, Professor of BSATU</i>
14.15-14.55	Development of modern technologies of photovoltaic in the EU. «PV-GUM» Project <i>P. Raats, Leading Expert, KEMA (Germany)</i>
14.55-15.10	Scientific and practical developments in the field of photovoltaic in Belarus. <i>V. Zalesskiy, Ph.D., Head of the laboratory of Institute of Physics</i>
15.10-15.25	Prospects for the implementation of hydro and wind potential in Belarus <i>A. Smirnov, Ph.D, Director of LLC “Malaya Energetika”</i>
15.25-15.40	Certain preconditions for the development of Solar Energy on the basis of polycrystalline silicon in the Republic of Belarus. <i>L. Vinogradov, Ph.D., Senior Research Officer at the Lykov Institute of Heat and Mass Transfer of NASB</i>
15.40-16.15	Discussion of the possibilities, directions and forms of cooperation between scientists of the Republic of Belarus and the EU countries: Representatives of the major participating organizations: <i>Belarusian National Technical University, Sakharov International State Ecological University, Belarusian State Agrarian Technical University</i>
16.15-16.20	Decisions on section results <i>Moving to the room where the final session will take place</i>

Section 2: Energy efficient buildings and cities. Smart Grids.

Section Chairman:

Pilipenko Vladimir Mitrofanovich - Director of Research and Design Technological Republican Unitary Enterprise "Institute NIPTIS named after S.S. Ataev", Ph.D., Professor

Morning Session	
11.00-11.30	The development of energy efficient technologies in housing in the Republic of Belarus. Main directions, results and prospects of scientific researches and development in the field of energy efficient buildings in Belarus. <i>V. Pilipenko, Director of Research and Design Technological Republican Unitary Enterprise "Institute NIPTIS named after S.S. Ataev", Ph.D., Professor</i>
11.30-12.10	Power-matching city – trend in implementation of Smart Grids. <i>D. Balmert, Senior Consultant, KEMA (Germany)</i>
12.10-12.25	Development problems of Belarusian architecture in view of energy efficiency. <i>A. Sardarov, Dean, Doctor of Architecture, Professor of Chair of Urban Planning, BNTU</i>
12.25-12.40	Energy efficient ekistics. <i>N. Vlasyuk, Deputy Director on Science of RUE "BelNIIP" on Urban Planning, Associate Professor, Member of the Union of Architects of Belarus</i>
12.40-13.00	Smart grid – perspectives of development in the Republic of Belarus. <i>S. Filatov, ITMO NASB, Head of the Department of Hydrogen Energy</i>
13.00-14.00	<i>Lunch</i>
Afternoon Session	
14.00-14.15	Experience in designing, construction and operation of energy-efficient residential buildings in the Republic of Belarus. <i>L. Danilevskiy, First Deputy Director of Research and Design Technological Republican Unitary Enterprise "Institute NIPTIS named after S.S. Ataev", Ph.D., research associate</i>
14.15-15.00	Influencing factors on the energy efficiency of construction products. <i>I. Trofimov, Deputy Director of Research and Design Technological Republican Unitary Enterprise "Institute NIPTIS named after S.S. Ataev", Head of the International Information Center of the Ministry of Architecture and Construction</i>
15.00-15.30	Innovations in the field of energy efficient buildings in the EU countries. <i>A. Borodinets, Professor of Riga Technical University (Latvia)</i>
15.30-15.45	Innovations in heating, ventilation and conditioning systems: experience of EU countries. <i>A. Lesinskis, Professor of Riga Technical University (Latvia)</i>
15.45-16.00	The use of heat pumps in energy supply systems of residential buildings. <i>K. Lamprecht, CEO of the "Airoblock" company (Germany)</i>
16.00-16.15	Discussion of the possibilities, directions and forms of cooperation between scientists of the Republic of Belarus and the EU countries.
16.15-16.20	Decisions on section results. <i>Moving to the room where the final session will take place</i>

Section 3: Training of specialists from international departments of methodology on preparation of project proposals for joint participation in the programs. Room 314.

Section Co-chairmen:

Grant Ballard-Tremeer – Key Expert of EU Project

Meerovskaya Olga Anatolievna - Head of the Sector - National Coordinator of the 7FP, Belarusian Institute of System Analysis and Information Support of Scientific and Technical Sphere

Morning Session	
11.00-11.10	Welcoming and discussion on the aim of the section. <i>S. Landau, EU Project Expert, Eco Ltd (Great Britain)</i>
11.10-11.50	The main methodological report: How to win access to the international scientific programs: to find partners, to create team, marketing, registration, and database of CORDIS <i>G. Ballard-Tremeer, Key Expert of EU Project</i>
11.50-12.30	Calls for proposals search, their correct understanding and other documents relating to 7FP. <i>O. Meerovskaya, Head of the Sector - National Coordinator of the 7FP, Belarusian Institute of System Analysis and Information Support of Scientific and Technical Sphere</i>
12.30-12.40	Perspectives of transition to the enhanced professional training of Masters in the field of renewable energy sources in the Republic of Belarus. <i>V. Pashinsky, Head of Chair of energy efficient technologies</i>
12.40-13.00	Questions and answers. Discussion and exchange of opinions
13.00-14.00	<i>Lunch</i>
Afternoon Session	
14.00-14.45	Structure proposals on Seventh Framework Programme and experience of the successful submission of proposals. <i>S. Landau, EU Project Expert, Eco Ltd (Great Britain)</i>
14.45-15.15	Example of the participation of Belarusian scientists in the international scientific and research program. <i>S. Levchenko, Ph.D., Senior Research Officer of Lykov Institute of Heat and Mass Transfer of NASB</i>
15.15-16.00	How successfully participate in EU scientific and research programs? Position of countries on the periphery of EU. <i>R. Pašičko, Specialist of the projects development in the energy field and climate change, UNDP in Croatia</i>
16.00-16.15	Questions and answers. Discussion of the possibilities, directions and forms of cooperation between scientists of the Republic of Belarus and the EU countries
16.15-16.20	Decisions on section results <i>Moving to the room where the final session will take place</i>