



**VII International Forum for Clean Energy Technologies
2013 SERBIA ENERGY:
FUTURE AND PROSPECTS
Novi Sad, September 24-25, 2013**



PROGRAM

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Ladies and Gentlemen, Dear Friends,

At this moment energy security is and certainly for many years in the future it will be the first strategic priority of all countries thinking about their future. This year's Forum is committed to clean energy technologies with an emphasis of discussions and papers on the realistic degree of viability of existing European, regional and, in particular our national, energy development concepts in order to provide proper answers about the prospective of mutual sustainable future and development.

The Forum's Program Committee has concluded that after many years of minor shifts in the energy field, the Republic of Serbia should accelerate its activities starting from regulatory basis to launching important capital projects in order to create preconditions and catch up with the dynamics of implementation of the European concept EUROPE 2020-30-50 presented at our last year's Forum VI. We are certain that during many years of our joint efforts together with all relevant national and provincial institutions in the energy sector we have contributed in bringing a new perspective on our energy reality. Also, we still need to be responsive to consequences of the failure to act and mitigate and adapt to climate change although the guidelines that lead to solving this type of problems are well known and clear. The right way is to create an energy policy confronted with strict limitations. This requires a completely different approach to the whole cycle of policy making whereas particular attention should be devoted to the policy's implementation and adaptation. Energy efficiency and renewable energy sources are, generally speaking, the best and the fastest way to reduce GHG emissions in the medium term.

In order to constantly improve energy efficiency and increase the use of renewable energy sources sustainably, it is necessary to manage energy consumption, i.e., create a framework and prevent excessive energy use, reduce energy losses in the system and maximize the use of renewable energy sources. Above all, knowledge, adequate measurements and information and communication technologies are necessary for that. It is very important to ensure conditions for energy consumption to become a controlled and constant social process from technological and economic aspects.

All this also requires better organization, better energy management and changes of consumers' behavior and most of all changes in the lifestyle - which is the most difficult part. Therefore, energy efficiency and the use of renewable energy sources should be considered as constant social and technological processes which include monitoring energy consumption to make it at the technical minimum. According to many indicators, the Republic of Serbia still lags behind in creating its own energy policy that will be capable of providing at least part of results that are achieved in the EU today and in so doing open a realistic future and prospects for national development. This statement is a great challenge that will be in the focus of this year's Forum. Special attention will be devoted to the retrospective of implemented priorities in the energy sector in Serbia in the past five years.

On the first day of the Forum, strategic basis of the energy policy and development of the EU, countries in the region, Republic of Serbia and Autonomous Province of Vojvodina will be presented, as well as invited papers. In direct contacts with the authors, the Program Committee selected topics that are in the function of objectives of the Forum: creating the environment for increased energy efficiency and greater use of renewable energy sources. In so doing, the solutions which will ensure uncompromised reduction of fossil fuels consumption, development of own clean energy technologies and maximum decentralization of the utilization of renewable resources. After presentations in all sessions, there will be an open discussion which should ultimately offer a clear message to the public about the possible path of the development of the energy sector in Serbia until the 2020 and the vision until 2050.

The second day of the Forum co-sponsored by the Chamber of Economy of Vojvodina will be devoted to presentations of practical solutions implemented in the country and abroad, as well as to B2B meetings of potential partners. These experiences should encourage wider application and development of clean energy technologies in Serbia. Also, during the second day, there will be panels on actual topics: "Biofuels in the region" under the support of National Petroleum Committee of Serbia – World Petroleum Council and "The Market of Biomass" under the support of Society of Thermal Engineers of Serbia.

I would like to invite you to take part in this year's Forum VII and to contribute in creating the vision of energy future of our country, as well as to strengthen mutual relations and energy security in regions of the Southeast Europe.

Respectfully yours,

August, 2013

Dr Tihomir Simić
President of Program Committee and
Chairman of the Forum

THE FORUM IS SUPPORTED BY



Republic of Serbia
Autonomous Province of Vojvodina
Assembly of Autonomous Province of Vojvodina



CHAMBER OF ECONOMY OF VOJVODINA



National Petroleum Committee of Serbia - World Petroleum Council



ELECTRICITY DISTRIBUTION COMPANY
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THE FORUM IS ORGANIZED BY



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Faculty of Technical Sciences
Novi Sad

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Professor Dušan Gvozdencac, PhD	Faculty of Technical Sciences, Novi Sad, Serbia
Professor Miroslav Vesković, PhD	University of Novi Sad, Novi Sad, Serbia
Ivo Vajgl	INEA – Institute for European Affairs, Dusseldorf, Germany
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Professor Vojin Grković, PhD	Faculty of Technical Sciences, Novi Sad, Serbia

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Jovan Vujičić, PhD	Chamber of Commerce of Vojvodina , Novi Sad, Serbia
Aleksandar Andjelković, MME	Faculty of Technical Sciences, Novi Sad, Serbia

FORUM POOL



NIS GAZPROM NEFT

Narodnog Fronta 12, 21000 Novi Sad, Serbia
+381 21 4811 111; <http://www.nis.rs/>



Elektrovojvodina Ltd.

Bulevar oslobođenja 100, 21000 Novi Sad, Serbia
+381 21 4821 222; <http://www.elektrovojvodina.rs/>



Siemens Ltd.

Omladinskih brigada 21, 11070 Belgrade, Serbia
+381 11 2096 305; <http://www.siemens.rs/>



Schneider Electric Serbia Ltd.

Vladimira Popovića 38-40, 11070 New Belgrade, Serbia
+381 11 3773 100; <http://www.schneider-electric.rs/>



INSTITUT „MIHAJLO PUPIN“, IMP – AUTOMATIKA Ltd.

Volgina 15, 11000 Belgrade, Serbia
+381 11 2771 017; <http://www.pupin.rs/organizacija-imp/imp-automatika/>



Schneider Electric DMS NS Ltd. Novi Sad

Narodnog fronta 25 A, B, C, D, 21000 Novi Sad, Serbia
+381 21 4883 600; <http://www.schneider-electric-dms.com/>



SAGA Ltd.

Milentija Popovića 9, 11070 Belgrade, Serbia
+381 11 3108 500; <http://www.saga.rs/>



Elnos BL Ltd.

Blagoja Marjanovića Moše 6, 11070 New Belgrade, Serbia
+381 11 3016 171; <http://www.elnosbl.com/>



Energotehnika – Južna Bačka Ltd.

Put novosadskog partizanskog odreda 1, 21113 Novi Sad, Serbia
+381 21 4877 222; <http://www.entjuba.rs/>



ION Solutions Ltd.

Vladike Platona 8, 21000 Novi Sad, Serbia
+381 21 4754 424; <http://www.ionsolutions.net/>



eCONTROL Ltd.

Petra Drapšina 27, 21000 Novi Sad, Serbia
+381 21 6726 232; <http://www.econtrol.rs/>



KARMAL INTERNATIONAL INC.

10-8707 Dufferin St. Suite 123, ON.L6J 0A6, Vaughan, Canada
+001 905 417 2901; <http://www.karmalinternational.com/>



BDI - BioEnergy International AG

Parkring 18, A-8047 Grambach/Graz, Austria
sales@bdi-bioenergy.com <http://www.bdi-bioenergy.com/>

Program
First Day (Tuesday, September 24, 2013)
Central Hall, Assembly of the Autonomous Province of Vojvodina,
Vladike Platona bb, 21000 Novi Sad

PLENARY SESSION – INCOMING FUTURE

8:30 – 9:30	Registration of Participants
9:30 – 10:45	Ceremonial Opening of the VII Forum 2013 SERBIA ENERGY: FUTURE AND PROSPECTS Welcome Speech – Tihomir Simić; Forum Chairman, Novi Sad, Serbia Opening Speeches <i>Ivo Vajgl; President for South East Europe of INEA – Institute for European Affairs, Dusseldorf, Germany</i> <i>Ljubo Mačić; President of the Council of the Energy Agency of the Republic of Serbia, Belgrade, Serbia</i> <i>Peter Vajda; Environmental Expert, Energy Community, Vienna, Austria</i> <i>Ilya Kutyaev; Director of Energy Development Directory NIS Gazprom Neft, Novi Sad, Serbia</i> <i>Aca Marković; President of the Board of Directors (BoD) of the Electric Power Industry of Serbia (EPS)</i> <i>Srdan Kružević; Managing Director of Elektrovojvodina, Novi Sad, Serbia</i> <i>Petar Škundrić; President of National Petroleum Committee of Serbia, Belgrade, Serbia</i> <i>Michael Davenport; His Excellency, Head of the Delegation of European Union to the Republic of Serbia, Belgrade, Serbia</i> <i>Oszkár Nikowitz; His Excellency, Ambassador of the Republic of Hungary to Serbia, Belgrade, Serbia</i> <i>Alain Kundycki; His Excellency, Ambassador of the Kingdom of Belgium to Serbia, Belgrade, Serbia</i> <i>Pekka Orpana; His Excellency, Ambassador of Finland to Serbia, Belgrade, Serbia</i> <i>Johannes Eigner; His Excellency, Ambassador of Austria to Serbia, Belgrade, Serbia</i> <i>Erdal Trhulj; Minister for Energy, Mining and Industry, Sarajevo, Bosnia and Herzegovina</i> <i>Nataša Pavičević Bajić; Provincial Secretary for Energy and Mineral Resources, Novi Sad, Serbia</i> <i>István Pásztor; President of the Assembly of the Autonomous Province of Vojvodina, Novi Sad, Serbia</i> Official Opening of the Forum – Zorana Mihajlović; Minister of Energy, Development and Environmental Protection, Belgrade, Serbia
10:45 – 11:10	Coffee Break Press Conference Joint Photograph (Central Hall)

FIRST SESSION – STRATEGIC DIRECTIONS

11:10 – 11:30	EU & SERBIA <i>Michael Davenport; EU Delegation to Serbia, Belgrade, Serbia</i>
11:30 – 11:50	THE ROLE OF THE ENERGY COMMUNITY IN THE WESTERN BALKANS REGION AND ITS RELEVANCE FOR THE ENERGY SECTOR <i>Peter Vajda; Energy Community, Vienna, Austria</i>
11:50 – 12:10	REGIONAL ENERGY PERSPECTIVES IN THE CONDITIONS OF MARKET LIBERALISATION <i>Ilya Kutyaev; NIS Gazprom Neft, Novi Sad, Serbia</i>
12:10 – 12:30	WESTERN BALKANS SUSTAINABLE ENERGY FINANCING FACILITY (WEBSEFF): FINANCING MODERN TECHNOLOGIES AND MATERIALS – SAVING ENERGY <i>Dušan Gvozdenac; WeBSEFF, Serbia</i>
12:30 – 12:50	SMART GRID TECHNOLOGIES: SITUATION IN THE WORLD AND IMP ACTIVITIES <i>Ninel Čukalevski, Goran Jakupović, Miloš Stojić, Suzana Cvetičanin, Sovjetka Krstonjević, Jelena Car, Igor Bundalo; Institute "Mihajlo Pupin", Belgrade, Serbia</i>
12:50 – 13:10	SMART DISTRIBUTION GRID – STATE OF THE ART AND PERSPECTIVES <i>Dragan S. Popović; Schneider Electric DMS NS, Novi Sad, Serbia</i>
13:10 – 13:30	FROM LEGISLATION, THROUGH IMPLEMENTATION TO MARKET CHANGES <i>Tanja Nikolić; Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH, Belgrade, Serbia</i>
13:30 – 14:20	Lunch (Representatives Club)

SECOND SESSION – NEW ENERGY TECHNOLOGIES

14:20 – 14:40	SUSTAINABILITY OF THE TOMORROW'S ENERGY ERA BY PRODUCTS FOR CLEAN FOSSIL FUELS POWER PRODUCTION <i>Vladimir Vlahović; Siemens AG, Erlangen, Germany</i>
14:40 – 15:00	IMPLEMENTATION OF SMART GRIDS IN POWER DISTRIBUTION COMPANIES <i>Bratislava Radmilović, Gordana Jovanović, Nebojša Rakočević; Elektrovojvodina, Novi Sad, Serbia</i>
15:00 – 15:20	TK BROADBAND CONNECTION FOR SCADA AND SMART GRID SYSTEMS <i>Vlada Leković; eControl, Novi Sad, Serbia</i>
15:20 – 15:40	ESTABLISHING SUSTAINABLE FUNCTIONING OF THE HEATING SYSTEM GRADIŠKA WITH THE USE OF BIOMASS AS PRIMARY FUEL <i>Petar Gvero, Aleksandra Stanivuković, Dragiša Zečević; University of Banjaluka, Mechanical Engineering Faculty, Banjaluka, Bosnia and Herzegovina; GFA CONSULTING GROUP/INTEGRATION, Banjaluka, Bosnia and Herzegovina; IEE, Banjaluka, Bosnia and Herzegovina</i>
15:40 – 16:00	FUTURE IT TECHNOLOGIES <i>SAGA, Belgrade, Serbia</i>
16:00 – 16:20	LED TECHNOLOGIES – FUTURE AND PERSPECTIVES OF APPLICATIONS <i>KARMAL INTERNATIONAL, Canada</i>
16:20 – 16:40	COGENERATION PLANT – POWER PLANT FOR COMBINED HEAT AND POWER PRODUCTION <i>Davor Krmpot; Energotehnika Južna Bačka, Novi Sad, Serbia</i>
16:20 – 17:00	Discussions, conclusions and message for the public

Second Day (Wednesday, September 25, 2013)
Central Hall of the Chamber of Economy of Vojvodina, Hajduk Veljkova 11, 21000 Novi Sad

THIRD SESSION

Presentation of Successful Projects in the Field of Energy Efficiency and Renewable Energy Sources

9:00 – 9:05	WELCOME SPEECH <i>Ratko Filipović; President of the Chamber of Economy of Vojvodina, Novi Sad, Serbia</i>
9:05 – 9:15	SYSTEM FOR REMOTE LOAD READING AND POWER QUALITY CONTROL OF CLASS A DURING RECEPTION AND DOWNLOAD AT THE BUYERS OF MEDIUM AND HIGH VOLTAGE <i>Jelena Pejковиć; Schneider Electric, Belgrade, Serbia</i>
9:15 – 9:25	CONSTRUCTION OF OWN ICT INFRASTRUCTURE IN ELECTRICITY INDUSTRY COMPANIES ECONOMIC AND TECHNICAL ASPECTS <i>Slavko Dubačkić; Elektrovojvodina, Novi Sad, Serbia</i>
9:25 – 9:35	MODELS OF SUCCESSFUL ENERGY POLICIES FOR SUPPORTING THE DEVELOPMENT OF RENEWABLE ENERGY SOURCES AND THE SITUATION IN THE REPUBLIC OF SERBIA <i>Goran Vasić; Guarantee Fund of the Autonomous Province of Vojvodina, Novi Sad, Serbia</i>
9:35 – 9:45	BROADER ASPECTS OF INFORMATION SYSTEM ASSET MANAGEMENT INTRODUCTION IN A DISTRIBUTION COMPANY ON A PRACTICAL EXAMPLE <i>Zoran Miškov; Elektrovojvodina, Novi Sad, Serbia</i>
9:45 – 9:55	ROOF PV POWER PLANTS – EXPERIENCES IN THE OPERATIONS OF THE PV POWER PLANT "FTN NOVI SAD" <i>Vladimir A. Katić, Boris Dumnić, Zoltan Čorba, Dragan Milićević, Bane Popadić; University of Novi Sad, Faculty of Technical Sciences, Novi Sad, Serbia</i>
9:55 – 10:05	NON-TECHNICAL POWER LOSSES ELIMINATION SYSTEM – SENG <i>Vladimir Kulpinski; Elektrovojvodina, Novi Sad, Serbia</i>
10:05 – 10:15	TECHNICAL AND ECONOMIC CHALLENGES OF NEW AND RENEWABLE ENERGY SOURCES AT THE ENERGY MARKET – TERRITORY OF VOJVODINA <i>Jan Klinko; Elektrovojvodina, Novi Sad, Serbia</i>
10:15 – 10:25	COGENERATION AS AN OPTION FOR DISTRICT HEATING IMPROVEMENT <i>Marko Mijić; Elnos BL, Banjaluka, Bosnia and Herzegovina</i>
10:25 – 10:35	COAL REPLACEMENT WITH WOOD BIOMASS IN FORM OF BRIQUETTES AND PELLETS IN DISTRICT HEATING SYSTEM OF BELGRADE <i>Radmilo Savić, Petar Vasiljević, Miroljub Adžić; PUC "Belgrade Power Plants", Belgrade, Serbia; PUC "Belgrade Power Plants", Belgrade, Serbia; University of Belgrade, Faculty of Mechanical Engineering, Belgrade, Serbia</i>
10:35 – 10:45	ENVIRONMENTAL FACTORS IN THE PRODUCTION OF WOOD PELLETS IN SERBIA <i>Mladen Furtula, Gradimir Danon; University of Belgrade, Faculty of Forestry, Belgrade, Serbia</i>
10:45 – 11:00	Coffee break

FOURTH SESSION

PANEL: BIOFUELS IN THE REGION – SITUATION AND PROSPECTS

Chairman of the Session: Slobodan Sokolović; National Petroleum Committee of Serbia, Belgrade, Serbia

11:00 – 12:30	PANELISTS <i>Peter Canciani; Central European Initiative – CEI, Trieste, Italy</i> <i>Dejan Trifunović; Ministry of Energy, Development and Environmental Protection, Belgrade, Serbia</i> <i>Hrvoje Milošević; BDI-BIOENERGY, Graz, Austria</i> <i>Stanka Leskovac; NIS Gazprom Neft, Novi Sad, Serbia</i> <i>Milan Martinov; University of Novi Sad, Faculty of Technical Sciences, Novi Sad, Serbia</i> <i>Dobrosav Radovanović; Lubocons Chemicals, Bratislava, Slovakia</i> Discussions and Conclusions
12:30 – 13:00	Coffee break

FIFTH SESSION

PANEL: BIOMASS MARKET

Chairman of the Session: Vojin Grković; University of Novi Sad, Faculty of Technical Sciences, Novi Sad, Serbia

13:00 – 13:45	PANELISTS: <i>Branislava Lepotić-Kovačević; Transnafta, Serbia</i> <i>Milan Radovanović; Society of Thermal Engineers of Serbia</i> <i>Dragan Urošević; Victoria Group, Novi Sad, Serbia</i> <i>Representative of fuel distributors; NIS Gazprom Neft, Novi Sad, Serbia</i>
13:45 – 14:30	Discussions
14:30 – 15:00	Farewell cocktail