

WEC CENTRAL AND EASTERN EUROPE REGIONAL ENERGY FORUM

12th Edition - FOREN 2014

June 22-26, 2014

Palace of the Parliament, Bucharest, Romania

MAIN EVENTS

Sunday June 22nd 2014

OPENING CEREMONY

Organizers: WEC/ RNC and ENEL ROMANIA

14⁰⁰-15⁰⁰ h **THE ENERGY BOOK**
National Bank of Romania (25 Lipscani Street)

17⁰⁰-18⁰⁰ h **THE OPENING CEREMONY FOREN 2014**
The Romanian Athenaeum, Concert Hall (1-3 Franklin Street)

Theme: TOMORROW'S ENERGY: FROM VISION TO REALITY

Moderator

- **Iulian Iancu, Chairman, WEC/Romanian Member Committee**

Speakers:

- **Victor Viorel Ponta**, Prime Minister, Government of Romania
- **Razvan Nicolescu**, Minister-delegate for Energy, Ministry of Economy
- **Elena Nekhaev**, Director, Programmes, World Energy Council
- **Attila Korodi**, Minister of Environment and Climate Changes (Tbc)
- **Cristian Hera**, Vice President Romanian Academy
- **Tudor Prisecaru**, State Secretary, Ministry of National Education

18⁰⁰-18³⁰ h **Press Conference**

18³⁰-19⁰⁰ h **Coffee break**

19⁰⁰-20³⁰ h **Musical Show**

20³⁰-21³⁰ h **Welcome Cocktail**

June 23rd, 8³⁰-12³⁰ h

Al. I. Cuza Hall

Session KA 1:**ENERGY MARKETS IN 2014: DEVELOPMENTS AND ADVANCES
TOWARDS EUROPEAN INTEGRATION IN TERMS OF
TRANSPARENCY AND INTEGRITY****Organizers: WEC/ RNC and OPCOM (Romanian Gas and Electricity Market Operator)****Moderator:**

- **Victor Ionescu, Chief Executive Officer OPCOM**

Speakers:

- **Representative of European Commission - DG ENER** (Tbc)
- **Representative of Energy Community** (Tbc)
- **Mihkel Härm**, Secretary General WEC Estonia
Presentation about BEMIP Programme (BEMIP = Baltic Energy Market Integration Plan)
- **Niculae Havrilet**, President, Romanian Energy Regulatory Authority (ANRE)
- **Traian Chebeleu**, Ambassador, Deputy Secretary General, Organization of the Black Sea Economic Cooperation
- **Anca Dobrica**, Counselor, Department of Energy, Ministry of Economy
- **Hamza Karimov**, CEO SOCAR Romania
- **Cristina Setran**, Programme Director, Project Development and Implementation OPCOM
- **Rodica Popa**, Director, Term and Certificates Trades Division OPCOM
- **Marian Cernat**, General Manager, Electricity Market General Division of the Romanian Electricity Regulatory Authority (ANRE) (Tbc)
- **Septimiu Rusu**, Product Developer, Sibex-Sibiu Stock Exchange

Issues for discussion

- ❖ Single European energy market. Structure. Objectives. Regulations. Barriers;
- ❖ Regional energy markets; Interconnection of regional markets;
- ❖ Operators in the energy market;
- ❖ New models of the market in terms of Smart Grids;
- ❖ Energy market operation in the presence of smart grids;
- ❖ Energy market in the presence of renewable energy sources;
- ❖ Information security in energy market;
- ❖ The forecast of energy demand.

Organizers: WEC/ RNC and NUCLEARELECTRICA

Event Partners: ROMATOM, GENERAL TURBO and ELCOMEX

Moderators:

- **Daniela Lulache**, General Manager NUCLEARELECTRICA
- **Acad. Marius Sabin Peculea**, Member of Romanian Academy
- **Teodor Chirica**, General Director AMEC Nuclear Romania

Speakers:

- **Elena Popescu**, General Director, Department of Energy, Ministry of Economy
- **Daniela Lulache**, General Manager NUCLEARELECTRICA
- **Florin Constantin Tatar**, President Nuclear Agency & Radioactive Waste
- **John Saroudis**, Regional Vice President Candu Energy Inc.
- **Ionel Bucur**, Director NPP Cernavoda
- **Giovanni Villabruna**, General Manager Ansaldo Nucleare Romania
- **Ilie Turcu**, Scientific Director Institute for Nuclear Research Pitesti
- **Gheorghe Lucaciu**, Secretary General ROMATOM
- **Ioan Rotaru**, Director ELCOMEX
- **Iosif Constantin Bilegan**, Director Employers' Federation Energetica
- **Ionut Purica**, Energy Expert, Romanian Academy

Issues for discussion

- ❖ The importance of neutral technologies in achieving European decarbonisation target;
- ❖ Macro and micro-economic effects of the development of nuclear energy;
- ❖ Importance of identifying support mechanisms to facilitate investment in neutral technologies in general and the nuclear industry, especially;
- ❖ Developments and policies of influencing the cost of nuclear power;
- ❖ The need for new nuclear projects undertaken in response to national strategic objectives;
- ❖ Market failures and their impact on the development of nuclear energy;
- ❖ New systematic approach for improving nuclear safety;
- ❖ Providing fuel for nuclear power plants; resources and uranium market, fuel cycle optimization;
- ❖ Nuclear waste and storage;
- ❖ Risk management in the nuclear industry;
- ❖ Operation of power systems of nuclear power plants; increased flexibility;
- ❖ New generation of fission reactors; perspective of fusion reactors. Characteristics, possibilities of implementation.

June 23rd, 14⁰⁰-18⁰⁰ h	Avram Iancu Hall
Session WSS 1:	REGIONAL COOPERATION BETWEEN SCIENTIFIC ORGANIZATIONS AND UNIVERSITIES

Organizers: WEC/ RNC and INCDIE ICPE-CA

14⁰⁰-15³⁰ Opening speech

- **Ecaterina ANDRONESCU**, PhD., Prof., President of the Senate UPB
- **Tudor PRISECARU**, PhD., Prof., State Secretar, Ministry of National Education
- **George DARIE**, PhD., Prof., Rector University Politehnica of Bucharest
- **Wilhelm KAPPEL**, PhD., Prof., General Manager INCDIE ICPE-CA

Plenary speaker

- **Harry MINTI**, PhD., Prof., [The Hebrew University of Jerusalem](#), Israel, "From the inherited energy, to the tomorrow energy"

15³⁰-16⁰⁰ Coffee break

16⁰⁰-18⁰⁰ Moderators:

Wilhelm KAPPEL, PhD., Prof., General Manager INCDIE ICPE-CA
George DARIE, PhD., Prof., Rector University Politehnica of Bucharest
Dumitru MANEA, Location Manager ALSTOM ECS
Daniela SCRIPCARIU, Chief Executive Officer TRACTEBEL Engineering

Speakers

- **Florin Teodor TĂNĂSESCU**, PhD., Prof., Romanian Electrotechnical Committee, "Current issues of the energetics versus the need to find cooperative regional solutions from the school, research institutes and professional associations to solve them"
- **Carmencita CONSTANTIN**, PhD., Director Strategy, Energy & Environment Department, ISPE,
- **Daniela SCRIPCARIU**, PhD., Chief Executive Officer TRACTEBEL Engineering, "Career development paths in power sector"
- **Gabriel CIOCAN**, PhD., Prof., Laval University, Quebec, Canada, "Research consortium in Hydraulic Machines at Laval University – A success story for academic and industrial research"
- **Cristian SECOSAN**, PhD., Directorate Member, Responsible with natural gas and energy activity, OMV PETROM
- **Dumitru MANEA**, Location Manager ALSTOM ECS, "The role of scientific cooperation between energy equipment manufacturing companies, universities and research institutes"
- **Ioan POTĂRNICHE**, PhD., General Manager ICPE ACTEL S.A, "Example of good practice on collaboration research-production, within the development of innovative products"

June 24th, 8³⁰-10⁰⁰ h

Al. I. Cuza Hall

**REGIONAL
ENERGY DAY****BEST POLICIES FOR ENERGY SECURITY, SUPPLY AND DEMAND.
TOMORROW'S ENERGY OF CENTRAL AND EASTERN EUROPE****Organizers: WEC/ RNC and ROMELECTRO****Event Partner: Ministry of Economy****Moderators:**

- **Christoph Frei**, Secretary General, World Energy Council
- **Razvan Nicolescu**, Minister-delegate for Energy, Ministry for Economy
- **Iulian Iancu**, Chairman, WEC/RNC
- **Leonhard Birnbaum**, Vice Chair for Europe, World Energy Council
- **Einari Kisel**, Europe Region Manager, World Energy Council

Speakers:

- **Representative of European Commission - DG ENER (Tbc) / Tudor Constantinescu**, Principal Advisor to the Director General, DG Energy, European Commission (Tbc)
- **Elena Popescu**, General Director, Department of Energy, Ministry of Economy
- **Cornel Zeveleanu**, Head of Department, Department of Energy, Ministry of Economy
- **Viorel Gafita**, General Manager ROMELECTRO
- **Ioan Rosca**, General Manager, ELECTRICA
- **Toni Volpe**, CEO Enel Romania
- **Eric Stab**, President-CEO GDF SUEZ Energy Romania
- **Frank Hajdinjak**, Chief Executive Officer, E.ON Romania
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- **Miodrag Mesarovic**, Secretary General WEC Serbian MC
Regional Cooperation and / or Strategic in the Energy Field
- **Mihkel Härm**, Secretary General WEC Estonia
Tbc (something related to security of energy supply)
- **Victor Molodyuk**, First Deputy Chairman of the President of the Scientific and Technical Council of the Unified Energy System, WEC Russian Committee Representative
Electricity Markets in Russia
- **Namejs Zeltins**, Professor, Head of Energy Efficiency Center, Institute of Physical Energetics & Chair of Latvian MC
The Latvian Electricity Supply Trilemma: Security, Social Equity and the Environment
- **Lidia Gawlik**, Deputy Director for Research, Mineral & Energy Economy Research, Krakow, WEC Polish Committee
Natural Gas in future energy mix in Poland

Issues for discussion

- ❖ European policies concerning the development of transport infrastructure for electricity, natural gas and oil;
- ❖ Development of liquefied gas;
- ❖ Policies and perspectives at European and national level on nuclear energy;
- ❖ Development of national energy structure for ensuring the security of energy supply;
- ❖ Policies on diversification of energy resources. The role of renewable energy.
- ❖ Interconnectivity of national and regional energy structures;
- ❖ National and European energy strategy;
- ❖ Natural gas between resource and energy.

June 24th, 10³⁰-12³⁰ h	Al. I. Cuza Hall
Celebration of 90 years since WEC/RNC was founded	WEC/RNC – ENERGY COMMUNITY REPRESENTATIVE ORGANIZATION IN ROMANIA. 90 YEARS OF ROMANIAN ENERGY BRAND

Organizer: WEC/ RNC and OMV PETROM

Moderators:

- **Iulian Iancu**, Chairman, WEC/RNC
- **Christoph Frei**, Secretary General, World Energy Council
- **Razvan Nicolescu**, Minister-delegate for Energy, Ministry of Economy
- **Ioan Dan Gheorghiu**, WEC/RNC Vice Chair
- **Leonhard Birnbaum**, Vice Chair for Europe, World Energy Council

Speakers:

- **Iulian Iancu**, Chairman, WEC/RNC
- **Gheorghe Balan**, Executive General Director, WEC/RNC
- **Slav Slavov**, Manager, Regional Development, World Energy Council
- **Victor Vernescu**, Counselor, WEC/RNC
- **Elena Nekhaev**, Director, Programmes, World Energy Council
- **Razvan Nicolescu**, Minister Delegate for Energy / **Mihai Albuлесcu**, Secretary of State, Department for Energy, Ministry of Economy (Tbc)
- Notable personalities in the energy field

Issues for discussion

- ❖ The retrospective presentation of WEC/RNC active role in the evolution and development of energy and environment in Romania
- ❖ Remembering / celebrating / awarding excellence for notable figures of Romanian science and technology

Launching of WEC/RNC Monograph at 90 years of existence

Awarding WEC/RNC Medals to:

1. Christoph Frei - WEC
2. Elena Nekhaev – WEC
3. Slav Slavov - WEC
4. Sandra Winkler - WEC
5. Brian Statham – WEC / South Africa MC
6. Leonhard Birnbaum - WEC
7. Namejs Zeltins – WEC / Latvia MC
8. Anatoly Dyakov – WEC / Russian MC
9. Lidia Gawlik – WEC Polish MC
10. Eric Stab – WEC / Romanian MC
11. Viorel Gafita - WEC / Romanian MC
12. Toni Volpe - WEC / Romanian MC

Organizers: WEC/ RNC and TELETRANS

Event Partner: ISPE

Moderators:

- **Mircea Eremia**, Emeritus Professor, University Politehnica of Bucharest
- **Horia Campeanu**, Counselor ISPE / **Dan Bordea**, Technical Director TELETRANS
- **Mircea Martis**, General Manager Romanian Standards Association ASRO

Speakers:

- **Mircea Eremia**, Emeritus Professor, University Politehnica of Bucharest
- **Dan Bordea**, Technical Director TELETRANS
- **Stelian Alexandru Gal**, President Romanian Energy Center – CRE Brussels
- **Mircea Martis**, General Manager ASRO
- **Dan Apetrei**, General Director, Elsaco Energy
- **Marius Untescu**, Counselor, Department of Energy, Ministry of Economy
- **Monica Ungureanu**, System Studies Department Director, TRACTEBEL Engineering
“Smart Grid” Solutions for improving NPS Transport Network using “Supergrid” Network
- **Pavel Ciubotaru**, Manager, Gas Logistics, Logistics Business Unit Gas & Power Division, OMV PETROM
Gas infrastructure needs in Romania / Europe
- **Dumitru Federenciuc**, Project Manager ELECTRICA
- **Emil Constantinescu**, Project Responsible ENEL
- **Eugenia Zaharovits**, BRML
- **Calin Vilt**, Scientific Counselor WEC/RNC
- Representatives of University Politehnica of Bucharest, Siemens, Elster, Energobit, AEM, AREVA, Kapsch, Schneider, Transelectrica

Issues for discussion

- ❖ Data network architecture; risks and costs in managing NPS with consideration of the energy market instruments;
- ❖ Security systems;
- ❖ Development of SCADA systems in distribution networks;
- ❖ Modern systems of protection for distribution networks;
- ❖ Modern solutions to ensure power quality in power users;
- ❖ Smart metering;
- ❖ Smart city – Towards an integrated urban sustainable development
- ❖ Smart buildings; Smart grid communications.

June 24 th 14 ⁰⁰ -18 ⁰⁰ h	Avram Iancu Hall
Session WSS 2:	ENERGY EFFICIENCY – POLICIES, MEASURES, BEST PRACTICES

Organizers: WEC/ RNC and Romanian Association for Promoting Energy Efficiency ARPEE

Session I: 14.00-15.30

Moderator:

- **Emil Calota**, Vice President ANRE

Speakers:

- **Corneliu Rotaru**, Director, **Corneliu Radulescu**, Director, ANRE
"The market for energy efficiency in Romania – A Market of 5 billion EUR"
- **Lavinia Saniuta**, Deputy General Director, Dalkia Romania
"Modern Solutions for Cogeneration and District Heating"
- **Serban Danciu**, Country Manager, BPIE Romania
"Thermal Refurbishment Program of Existing Buildings in Romania. Principles of achievement and Energy Effects Expected in Economic Optimum Conditions"
- **Madalin Apostol**, Director, Department Manager, Special Projects, OMV PETROM
"Energy Management System Implementation (ISO 50001)"
- **Tudor-Alexandru Socea**, General Director, **Sorin Hanja**, Head of Business Development, EnergoBit ESCO
"Energy Performance Contract – Models of Good Practice"

Coffee Break: 15.30-16.00

Session II: 16.00-18.00

Moderator

- **Aureliu Leca**, Ph.D. Prof., **Executive Director, ARPEE**

Speakers:

- **Emil Calota**, Vice President ANRE
- **Felicia Racasanu**, Deputy General Director, Department of Energy, Ministry of Economy
- **Razvan Grecu**, Vice President Strategy, GDF Suez Romania
- **Daniela Scripcariu**, Chief Executive Officer TRACTEBEL Engineering
- **Catalin Dragostin**, Director, Energy Serv
- **Ion Potarniche**, Ph.D. Prof., General Manager ICPE ACTEL

Issues for discussion

- ❖ European Directives on energy efficiency. Specific objectives;
- ❖ National regulations on energy efficiency;
- ❖ Energy efficiency indicators;
- ❖ Modern solutions for district heating;
- ❖ Role of BP solutions for promoting energy efficiency;
- ❖ Current mechanisms to support energy-efficient solutions;
- ❖ Case studies regarding energy efficient solutions;
- ❖ ESCO System by adopting LED lighting contribute to energy efficiency improvement

June 25th
8³⁰-12³⁰ h

Al. I. Cuza Hall

**POLICY
TRILEMMA**

ROLE OF STAKEHOLDERS (GOVERNMENTS, ENERGY BUSINESS, CIVIL SOCIETY AND INTERNATIONAL ORGANIZATIONS) TO SOLVE UP ENERGY TRILEMMA. OVERVIEW ON STRATEGIC PROGRAMS AT EUROPEAN AND REGIONAL LEVEL

Organizers: WEC/ RNC and ANRE

Event Partner: Ministry of Economy

Moderators:

- **Razvan Nicolescu**, Minister-delegate for Energy, Ministry of Economy
- **Nicolae Havrilet**, President ANRE (Tbc)
- **Sandra Winkler**, Director, Policies World Energy Council

First Session: Security of energy supply

- ❖ National and regional policies to meet electricity demand (energy supply, efficient functioning of markets for electricity and natural gas, market integration in Member States)
- ❖ Security of energy supply (development of networks, network codes)
- ❖ The role of regulatory on overseeing the energy markets.

Speakers:

- **Mihai Albuлесcu**, State Secretary, Department of Energy, Ministry of Economy
- **Representative of ANRE** (Tbd)
- **Representative of WEC/Swiss MC** (Tbc)
- **Konstantin Stamenov**, Member of the board, WEC Bulgaria & Chairman of The Management Board, BFIEC (Bulgarian Federation of the Industrial Energy Consumers)
Reindustrialisation of Europe
- **Ioan Rosca**, General Manager, ELECTRICA
- **Ciprian Diaconu**, Directorate Member, TRANSELECTRICA (Tbc)
- **Ioan Rusu**, Deputy General Director, TRANSGAZ (Tbc)
- **Gabriel Ignat**, General Director, ELCEN Bucharest

2nd Session:

Affordable costs / Reasonable prices

- ❖ Price formation. The influence of market competition. The price of electricity to end users;
- ❖ Affordability of energy prices; The role of planning / regulation;
- ❖ Vulnerable consumers. Regulation. Suppliers at last resorts. Universal service.

Sustainable development

- ❖ CO₂ price and the influence on the structure of energy mix;
- ❖ Energy efficiency. Solutions. Costs. Obligations schemes;
- ❖ The use of renewable energy sources. Limits. Effects on energy prices.

Speakers:

- **Representative of ANRE** (Tbd)
- **Bogdan Chiritoiu**, Chairman, Romanian Competition Council (Tbc)
- **Aurelia Cristea**, Minister-delegate for Social Dialogue, Ministry of Labour, Family, Social Protection and Elderly (Tbc)
- **Aureliu Leca**, Executive Director, Romanian Association for Promoting Energy Efficiency (ARPEE) (Tbc)
- **Ciprian Glodeanu**, Chairman Romanian Photovoltaic Industry Association (RPIA) (Tbc)
- **Ionel David**, Chairman, Romanian Wind Energy Association (RWEA) (Tbc)
- **Constantin Ciutacu**, Deputy General Director, INCE - Romanian Academy
- **Ioan Ignat**, Member in Advisory Board, ANRE

June 25th
14⁰⁰-18⁰⁰ h

Al. I. Cuza Hall

Session RTF 3:

**RENEWABLE ENERGY AND SUSTAINABLE DEVELOPMENT
IN CENTRAL AND EASTERN EUROPE**

Organizers: WEC/ RNC, ELECTRICA and ICPE

Event Partner: ISPE

Moderators:

- **Ioan Rosca**, General Manager ELECTRICA
- **Virgil Racicovschi**, General Manager ICPE
- **Ioan Dumbrava**, **Director Operations, ELECTRICA**
- **Alexandru Valeriu Binig**, Director Energy & Resources Industry Leader, Deloitte Consultanta
- **Ioan Silvas**, Counselor, **ELECTRICA**
- **Marian Geanta**, Deputy Director Operations, ELECTRICA

Speakers:

- **Adriana Milandru**, ISPE
- **Adrian Marin**, Counselor, Department of Energy, Ministry of Economy
- **Otilia Marin**, General Director, ANRE
- **Filip Carlea**, Director Center for Promoting Renewables and Energy Efficiency
- **Silvia Vlasceanu**, Executive Director, Federation of Associations of Energy Utility Companies ACUE
- **Dumitru Federenciu**, **Head of Department, ELECTRICA**
- **Nicolae Olariu**, President Employers Association New Energy Sources, SunE
- **Guenther Brauner**, Vienna University of Technology and Vice President of WEC Austria
- **Constantin Buda**, Technical Director, FDEE ELECTRICA Transilvania Nord
- **Cornel Jivan**, Technical Director, ICPE SA
- **Representative of WEC / Czech Republic MC**
- **Mircea Solomon**, Director, EMON Electric

Issues for discussion

- ❖ Modern solutions for energy supply
- ❖ Management of distribution network in presence of distributed sources;
- ❖ Modern control schemes for distribution networks operation;
- ❖ Topology and connectivity in distribution networks;
- ❖ Power quality in the presence of renewable energy sources;
- ❖ Safe integration of renewable energy sources in the power system
- ❖ Solutions Super Grids;
- ❖ Micro grid solutions;
- ❖ Biomass and biotechnologies used in energy field. Geothermal energy;
- ❖ Storing electricity. Current Solutions, Needs and Perspectives.

June 25th 14⁰⁰-18⁰⁰ h	Avram Iancu Hall
Session WSS 3:	ENERGY RESOURCES & TECHNOLOGIES. CLEANER FOSSIL PLANTS

Organizers: WEC/ RNC and HUNEDOARA ENERGY COMPLEX

Event Partner: ISPE

Moderators:

- **Elena Nekhaev** Director, Programmes, World Energy Council
- **Daniel Costel Andronache**, Undersecretary of State, Department of Energy, Ministry of Economy
- **Aurel Niculescu**, General Manager, Hunedoara Energy Complex (Tbc)

Speakers:

- **Sorin Mihai Gaman**, General Manager, Ministry of Economy – Department for Energy
- **Representative of WEC/ Polish MC (Tbc)**
- **Reprezentative of Hunedoara Energy Complex**
- **Patrick Weckes**, Sales Manager South East Europe, Mitsubishi Hitachi Power Systems Europe GmbH
High efficient Power Plant Technology
- **Dan Laurentiu Ciurel**, Executive General Director Oltenia Energy Complex (Tbc)
- **Florin Frunza**, Director of Power Business Unit, **Dan Popescu**, Head of CCPP Department, OMV PETROM
Ensuring Flexible Operation at CCPP Brazi – 18 months after COD
- **Dumitru Gherghiceanu**, Senior Department Manager, Development BU Well Engineering Department, OMV PETROM
Escalating Drilling Performance a Continuum objective in OMV PETROM
- **Representative of ISPE**
- **Nicolae Ilias**, Professor, University of Petrosani

Issues for discussion

- ❖ Coal energy resources – at world, regional and national level;
- ❖ The future of coal as energy resource;
- ❖ Modern technologies for fossil fuels extraction;
- ❖ Modern technologies to limit pollution caused by fossil-fuel burning;
- ❖ Interchangeable energy sources in industrial processes;
- ❖ Support policies for low - polluting technologies (clean technologies);
- ❖ Policies for energy mix;
- ❖ Case studies regarding the implementation of low – pollution solutions

June 26th
8³⁰-12³⁰ h

Al. I. Cuza Hall

Session KA2:

GLOBAL ENERGY RESOURCES: WEC ENERGY SCENARIOS
AND REGIONAL PERSPECTIVES

Organizers: WEC/ RNC and ANRM (Romanian Agency for Mineral Resources)

Moderators:

- **Gheorghe Dutu**, President ANRM
- **Andrew Costin**, President Petroleum Club of Romania
- **Claudia Raileanu**, General Manager, General Directorate for the Management, Evaluation and Concession of Oil Resources, National Agency for Mineral Resources of Romania
- **Graeme Sweeney**, Chairman, Zero Emissions Platforms - ZEP

Speakers:

- **Gheorghe Dutu**, President ANRM
Romania's natural resources – prospects and opportunities
- **Mihai Adrian Albuлесcu**, State Secretary, Ministry of Economy
- **Valentin Kunev**, Manager Balkan and Black Sea Petroleum Association BBSPA
- **Indrek Aarna**, Head of Oil Production, Enefit Estonia
Shale oil and oil shale processing
- **Alexandru Patruți**, Director Romaqua Group
- **Radu Dudau**, University of Bucharest
- **Eugenia Gusilov**, Director Romania Energy Center ROEC
- **Corina Murafa**, Expert, Regulatory & Corporate Public Affairs, OMV PETROM
Expanding the usage of natural gas. Advantages for industrial competitiveness and environmental sustainability, Key lessons for Romania

Issues for discussion

- ❖ Evaluation of conventional energy resources (oil, gas, coal, radioactive materials) in Romania and Central and South-Eastern Europe;
- ❖ Evaluation of unconventional energy resources in Romania and Central and South East (gas from shale gas, oil from shale, gas from coal deposits, etc.)
- ❖ Scenarios on possibilities regarding the energy demand coverage from conventional resources
- ❖ WEC policy on rational use of energy resources;
- ❖ Forecast new directions of development for energy resources;
- ❖ Specificity and evolution of fossil fuel markets;
- ❖ Geothermal energy – perspectives at national, regional and european level.

June 26th
14⁰⁰-17³⁰ h

Al. I. Cuza Hall

Session RTF 4:

FOSSIL FUELS AND SUSTAINABLE DEVELOPMENT IN THE REGION

Organizers: WEC/ RNC and ICPE ACTEL

Moderators:

- **Ion Potarniche**, Ph.D. Prof., General Manager ICPE ACTEL
- **Radu Gheorghe**, President Engineers Society of Oil and Gas Association SIPG

Speakers:

- **Liviu Stoican**, Counselor, Department of Energy, Ministry of Economy
- **Ion Potarniche**, Ph.D. Prof., General Manager ICPE ACTEL
ICPE Actel concerns for the development of modern solutions in the field of oil and gas exploration
- **Representative of WEC/ Polish MC (Tbc)**
- **Radu Gheorghe**, President Engineers Society of Oil and Gas Association SIPG
- **Mircea Vladescu**, Senior Mechanical Engineer, CONFIND Campina
Current and future solutions for storing petroleum products with effective management of environmental risks
- **Paul Rosca**, Professor, **Diana Cursaru**, Professor, University Petroleum-Gas of Ploiesti
Trends in refining
- **Constantin Capraru**, Member of WEC/RNC Scientific Council
- **Lazar Avram**, University Petroleum-Gas of Ploiesti
- **Bogdan Popescu**, Director Zeta Petroleum
Overview of the Romania's Unconventional Resources
- **Victor Vlad Cazana**, Director UPETROM
- **Iulia Petrea, Ian Rosam**, Certification International Romania

Issues for discussion

- ❖ Conventional and unconventional fossil energy resources in South - Eastern Europe, economically usable at national, regional and European level;
- ❖ Technologies and modern equipment in the operation of fossil resources;
- ❖ Increasing the oil recovery from oil reservoirs in conjunction with environmental protection and management of potential risks;
- ❖ Limiting the environmental pollution in mining/ exploitation, transport, storage, distribution and use processes of fossil fuels in burning fossil fuels;
- ❖ Collection, capture, transport and storage of carbon dioxide;
- ❖ Development and modernization of surface infrastructure / facilities in the oil and gas area at national and regional level;
- ❖ Interconnection of regional gas networks. Gas market.
- ❖ Energy risk, energy management

June 26th 17³⁰-18⁰⁰ h	Al. I. Cuza Hall
CLOSING CEREMONY:	MESSAGE OF THE FORUM. CONCLUSIONS AND RECOMMENDATIONS. FOREN 2014 PAPER AWARDS

Organizer: WEC/ RNC and ROMGAZ

Moderators:

- **Iulian Iancu, Chairman, WEC-Romanian Member Committee**
- **Mihai Albuлесcu, State Secretary, Ministry of Economy**

Speakers:

- **Representative of WEC**
- **Chairmen of Discussion Sessions**
 - **Ioan Dan Gheorghiu – Chair of DS 1**
 - **Octavian Lohan – Chair of DS 2**
 - **Serban Constantin Valeca – Chair of DS 3**
 - **Nicolae Napoleon Antonescu – Chair of DS 4**
 - **Laurentiu Ciurel – Chair of DS 5**

FOREN 2014 Paper Awards

June 23rd, 8³⁰-18⁰⁰ h

The White Salon (Salonul Alb)

WEC Meeting

KNOWLEDGE NETWORK (KN) ON HYDROPOWER

*KN within the World Energy Resources Study Group*Moderator

- KN on Hydropower Chair

Invited Speakers

- Members of workgroup – invited by WEC London
- Participation free to WEC MCs as observers.

Invited members by WEC/RNC

- **Elena Popescu**, General Director, Department of Energy, Ministry of Economy
- **Mihai Teleanu**, Deputy Development and Refurbishment Director, HIDROELECTRICA
- **Alexandru Frangulea**, Manager, Strategy & International Cooperation Department, HIDROELECTRICA
- **Irinel Iacob**, senior engineer, Operation & Hydro Construction Behaviour Monitoring Department, HIDROELECTRICA
- **Manuela Horvath**, Head of Strategy & Business Development Department, HIDROELECTRICA
- **Florin Masala**, senior economist, Strategy & Business Development Department, HIDROELECTRICA
- **Stefan Bivol**, senior economist, Strategy & Business Development Department, HIDROELECTRICA

June 23rd, 8³⁰-14⁰⁰ h

Human Rights (Drepturile Omului) Hall

WEC Study
Group Meeting

WORLD ENERGY TRILEMMA STUDY GROUP MEETING

Moderator

- **Joan MacNaughton**, Chair of the World Energy Trilemma Study Group

Invited Speakers

- Members of Study Group – invited by WEC London
- Participation by invitation only.*

Invited members by WEC/RNC

- **Niculae Havrilet**, President, ANRE
- **Corneliu Condrea**, Director, Department of Energy, Ministry of Economy
- **Maria Manicuta**, Director, ANRE
- **Claudiu Dumbraveanu**, Vice President, ANRE

June 24 th 8 ³⁰ -9 ³⁰ h	The White Salon (Salonul Alb)
WEC WORKSHOP:	GLOBAL ELECTRICITY INITIATIVE (GEI)

Moderator

- **Philippe Joubert**, GEI Executive Chair

Speakers invited by WEC London:

- Study Group Members (25-30 members)
- Heads of electricity utilities from Eastern Europe

Invited members of WEC/Romanian Member Committee

- **Elena Popescu**, General Director, Department of Energy, Ministry of Economy
- **Gheorghe Oprea**, Director Enel Romania
- **Stelian Alexandru Gal**, President CRE Brussels
- **Gheorghe Indre**, Director TRANSELECTRICA – WEC/RNC Representative in GEI

Participation by invitation only.

June 24 th 9 ³⁰ -12 ³⁰ h	The White Salon (Salonul Alb)
WEC Meeting:	PERFORMANCE OF GENERATING PLANTS (PGP)

Moderator

- PGP Chair

Invited Speakers

- Members of workgroup – invited by WEC London

Invited members of WEC/Romanian Member Committee

- **Elena Popescu**, General Director, Department of Energy, Ministry of Economy
- **Gheorghe Oprea**, Director Enel Romania
- **Stelian Alexandru Gal**, President CRE Brussels
- **Gheorghe Indre**, Director TRANSELECTRICA

Participation by invitation only.

June 24 th 14 ⁰⁰ -18 ⁰⁰ h	The White Salon (Salonul Alb)
Session:	REGIONAL MEETING OF WEC MCs IN CEE

Organizers: WEC/ RNC with the support of WEC MCs in CEE

Event Partners: ACUE, ALSTOM Romania and Mitsubishi Hitachi Power Systems Europe GmbH

Moderators:

- **Leonhard Birnbaum**, Vice Chair for Europe, World Energy Council

- **Elena Virkkala Nekhaev**, Director, Programmes, World Energy Council
- **Einari Kisel**, Europe Region Manager, World Energy Council
- **Iulian Iancu**, WEC/RNC Chair
- **Ioan Dan Gheorghiu**, WEC/RNC Vice Chair

Participants:

- **Gheorghe Balan**, Executive General Director
- **Slav Slavov**, Manager, Regional Development, World Energy Council
- **Felicia Racasanu**, Director, Department of Energy, Ministry of Economy
- **Representative of ACUE**
- **Virgil Musatescu**, Counselor WEC/RNC
- **Elena Ratcu**, Counselor WEC/RNC
- **Violeta Pera**, Head of Communication and External Public Relations Dept., WEC/RNC
- **Sandra Winkler**, Director, Policies, WEC
- **Robert Kobau**, Secretary Austrian MC
- **Konstantin Stamenov**, Member Bulgarian MC
- **Petr Veselsky**, Secretary Czech Rep. MC
- **Mihkel Harm**, Secretary Estonian MC
- **Almasadam Satkaliyev**, Chair Kazakhstan MC
- **Sergey Katyshev**, Secretary Kazakhstan MC
- **Namejs Zeltins**, Chair Latvian MC
- **Leo Jansons**, Senior Officer, Dep. of Energy, Ministry of **Economics, Latvian MC**
- **Lidia Gawlik**, Deputy Director for Research, Mineral & Energy Economy Research, Polish MC
- **Victor Molodyuk**, First Deputy Chairman of the President of the Scientific and Technical Board of the Unified Energy System, Russian MC
- **Tatiana Mamonova**, Executive Secretary of RNC WEC, Director General of the Private joint-stock company Scientific and Technical company "ENERGOPROGRESS", Russian MC
- **Andrey Dokukin**, Personal Assistant of the President of the Scientific and Technical Board of the Unified Energy System, Russian MC
- **Miodrag Mesarovic**, Secretary Serbian MC
- **Nikola Tomasovic**, Member Serbian MC

Issues for discussion

- ❖ **Minute of the WEC Regional Meeting for Central and Eastern Europe, signed on March 21st, 2013, in Bucharest, Romania**
 - Each Member Committee will present the way the commitments were fulfilled
- ❖ **Issues leading to the improvement of the relations among the WEC member committees in the region:**
 - Discussion/ analysing the regional specific issues
 - Facilitate partnerships
 - Improvement of the websites acting as a communication means among committees
 - Global partners - identifying and increasing their numbers
 - Actions for increasing the number of individual and corporate members
 - Promoting World Energy Congresses
 - Joint organization of events related to the WEC Global Studies Programme
 - Developing media relations in the region, including identification of major themes
- ❖ **FOREN 2016:**
 - Establishing the theme for the Forum
 - Establishing the themes for the Important Events of the Forum
 - Participation of WEC MCs in this event.