



# AWARDS

# EVOLUTION



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WORLD ENERGY COUNCIL  
CONSEIL MONDIAL DE L'ÉNERGIE  
*For sustainable energy*  
ROMANIAN MEMBER COMMITTEE

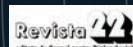
## Partners



## Strategic partners



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## 2015 energynomics Awards

Since 2013 [energynomics.ro](http://energynomics.ro) is part of the Romanian energy industry evolution.

We support all the companies and all professionals in the industry with every one of our actions.

[energynomics.ro](http://energynomics.ro) is the only integrated communication platform for Romanian energy through our website, trimestrial magazine and own-concept events.

Since 2013 we have evolved with you and with your support.

Now, three years later, the special Gala of the Romanian energy industry becomes [energynomics Awards](#).

## Excellency in Energy

The landmark event of [energynomics.ro](http://energynomics.ro) gathers every year up to 200 top representatives of the most important and dynamic companies in the Romanian energy industry. Oil and Gas, renewables, electricity and mining, producers or distributors, services or equipment providers, young and seniors altogether are welcome to the the [energynomics Awards Gala](#), the place where we recognize and celebrate the success and good practices in the Romanian energy industry.

The [energynomics Awards](#) has as a primary role to provide the energy community in Romania with successful models, aspirational benchmarks and case studies from exceptional organizations and personalities.

Altogether, the [energynomics Awards](#) aims to highlight the achievements of the energy sector for a better visibility to the business partners and general public.

## The Awards

Access to the competition is free and open to any company operating in the Romanian energy sector, regardless of size, sector of activity or shareholder structure.

To select the winners, members of an independent Jury examine each application based on three fundamental principles.

SUCCESS

IMPACT

INNOVATION


**ROBERTO MUSNECI** PARTNER SERBAN & MUSNECI ASSOCIATES

Dr. Roberto Musneci is Managing Partner in Serban & Musneci, a consulting company. He has 17 years experience in Eastern Europe where he set up operations, negotiated with authorities and partners for a major multinational group. Dr. Musneci led acquisitions, spin offs and divestment deals all over Eastern Europe and in Romania in particular. He also created a foundation (Partners for Life) for CSR, which received several awards.


**RADU DUDAU** CO-FOUNDER & DIRECTOR EPG

Radu Dudau is Associate Professor of International Relations at the University of Bucharest. He graduated in Physics and Philosophy from the University of Iasi and took a doctorate (Dr.Phil.) in Philosophy from Konstanz University (Germany). In his policy-oriented research, he specializes in energy security and international energy politics. He also has a deep interest in the nexus between energy policies and development patterns.


**FARRUKH KHAN** PARTNER DELOITTE ROMANIA

Farrukh Khan is a Partner in the Audit Practice of Deloitte Romania. He has extensive audit experience and related technical knowledge with multinationals as well as local companies operating in a broad range of sectors, with a focus on Manufacturing, Oil & Gas, Retail and Fast-Moving Consumer Goods.


**IULIAN IANCU** PRESIDENT CNR-CME

Mr. Iulian Iancu has been Chairman of the Romanian National Committee of the World Energy Council since 2004. He is the chairman of the Industry Commission within the Romanian Parliament, after having been Secretary of State within the Ministry of Economy and Trade between 2000-2004. He has authored over 30 scientific papers in the energy field nationally and abroad.





### SERGIU SEBESI PRESIDENT CSR NEST ASSOCIATION

Sergiu Sebesi has an experience of 17 years in the social field and six years working as an independent consultant on social responsibility projects in Romania. Sergiu Sebesi have been involved for seven years in social projects as a project manager / consultant / development manager / fundraiser in over 20 countries, among which Italy, France, Montenegro, Japan and India.



### BOGDAN VADUVA PARTNER KPMG ROMANIA

Bogdan Vaduva joined KPMG in 2004 and has continuously expanded his area of expertise to cover corporate finance, transaction services and audit. He has become a full spectrum adviser leading multi-disciplinary teams in high profile projects with some of Romania's largest market players. He specializes in corporate finance consultancy with a focus on Energy and Utilities, Oil and Gas as well as Transportation Infrastructure. Bogdan has had a leading role in making KPMG's Energy practice the most successful in the market.



### LUCIAN ANGHEL CEO BCR PENSII, BSE PRESIDENT

Chief Executive Officer of BCR Pensii and Chairman of Bucharest Stock Exchange Dr. Anghel majored in economics (Faculty of Economic Cybernetics, Statistics and Economic IT) at the Academy of Economic Studies in Bucharest. He received a Ph.D. from the same academic institution in 2002, and worked with the largest financial group in Romania for over 17 years. Previously he was Chief Economist of BCR, Head of Strategy and Research Division, coordinating the strategic programmes of BCR Group. Since 2014 Lucian Anghel is the CEO of BCR Pensii.



### NICOLAE HAVRILET PRESIDENT ANRE

Nicolae Havrilet was appointed President of the Romanian Energy Regulatory Authority in June 2012. Prior to his appointment as ANRE President, Mr. Havrilet successively held the positions of Technical Services Engineer and Manager of Human Resources & Technical Regulation/Authorisation at the largest natural gas producer in Romania S.N.G.N. Romgaz S.A. / Distrigaz Nord (between 1982-1998), President of the Board of Directors / Chairman of the Agency of State Domains (between 1998-2001), Administrator / General Director of S.C. GASCOP S.R.L. (between 2001-2012), Vice President of the National Union of Romanian Employers – UNPR (between 2005-2012).

## BEST CORPORATE CITIZEN

The award honours the company with the most important impact upon the community in which it operates (donations, sponsorships, responsibility towards the environment, other forms of CSR).



E.ON Romania

### GIVE LIGHT

E.ON Energie Romania donated 100,000 kWh (equivalent in electricity or gas) to 12 schools, hospitals, special centers for children and nursing homes. Carried out during April 6th-25th 2015, the "Give light" campaign allowed Romanians, by a simple click on Facebook, to direct a kWh to one of the beneficiary institutions. Tens of thousands of supporters transformed small gestures in a big help.

The campaign raised awareness among a large number of people, as witnessed by the sheer number of bloggers and public figures, celebrities and civic activists who have distributed it in social media. Among them: Andi Moisescu,

E.ON Romania

Give light

GDF SUEZ Energy Romania / Engie

Everything starts at home!

CEZ Group in Romania

Oltenia Marathon - 3rd edition

Hunt Oil Company of Romania

It's in your power

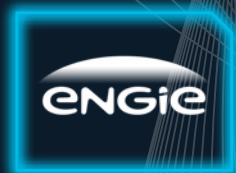
OMV Petrom

Community Resource Center (CERC) Boldesti Scaeni

SNGN Romgaz SA

Green Hospital

Teo Trandafir, Irina Binder, Amalia Enache, Gheorghe Hagi, Paula Chirila, Andrei Gheorghe, Andra and Catalin Maruta, Ana Morodan and Tony Poptamas. Also, Ulad Petreanu, Moise Guran and the team from Biziday, Cristian China Birta, Hotnews and the Facebook page of ProTV News wrote about this project.



## GDF SUEZ Energy Romania / Engie

### EVERYTHING STARTS AT HOME!

80 children without parental care have now a more welcoming home to enjoy childhood. The social houses in the SOS Children's Villages Bucharest were renovated and made more energy efficient through the program "Everything starts at home!" funded by GDF SUEZ Energy Romania and carried out in partnership with Habitat for Humanity Romania.

During the two-year project, the thermal insulation of houses and attics was executed, roofs, doors and windows were replaced and heating plants were changed. The energy performance class of the 12 houses has been

improved substantially, which means reduced maintenance costs. GDF SUEZ Energy Romania (which has recently adopted the trademark ENGIE) invested EUR 350,000 and involved over 100 employees in rehabilitation works. "We were happy to support this social project in partnership with SOS Children's Villages and Habitat for Humanity, energy efficiency representing a priority concern for our company."



## CEZ Group in Romania

### OLTENIA MARATHON - 3RD EDITION

Since its entry in the Romanian market, CEZ Group Romania has developed a number of corporate social responsibility projects in partnership with non-governmental organizations or local institutions and with involvement through volunteering actions of company employees. An example of a large project became tradition is Oltenia Marathon, held from 29 to 30 August 2015, a sporting event for trail running and mountain biking organized in Râmnicu Vâlcea in each of the past three years. The competition included in 2015 both participants from counties where CEZ operates, and champions of national

competitions. "This year, we ran and cycled for premature babies. In order to give these children an extra chance, participation fees paid by each of cyclists and marathon runners enrolled at Oltenia Marathon were completed by CEZ Romania, with a significant amount, to support the Department of Neonatology of Valcea County Hospital. The donation of over EUR 10,000 was used to purchase vital equipment for the life of young children: a blood gas analyzer, a bilirubinometer, two lamps for phototherapy for newborns and other materials."



## Hunt Oil Company of Romania

### IT'S IN YOUR POWER

In the 2 years as operator of projects carried out in Romania, Hunt Oil Company of Romania evaluated 126 CSR projects proposed by local communities based on discussions and interviews applied primarily for correctly identifying the real needs, specific to each community. According to actual needs identified, sustainability and impact on the community, 42 CSR projects have been selected and implemented in 6 counties (Buzau, Braila, Ialomita, Galati, Bacau and Urancea) in 3 cities (Tecuci, Pogoanele and Adjud), 17 communes and 45 villages.

Relevant aspects on CSR projects strategy

1. Private partnerships with all local communities
2. Direct impact in local communities
3. Relations with authorities
4. International experience
5. Volunteering, excellence and team spirit
6. Opinion of the representatives of local communities
7. Implementing a Follow-up CSR system
8. Lessons learned



## OMV Petrom

### COMMUNITY RESOURCE CENTER (CERC) BOLDESTI SCAENI

After restructuring the economy, a number of renowned companies were closed after 2000 in the town of Boldesti-Scaeni - Prahova County, such as: Paper and cardboard factory Cahiro, Foraj Scaeni drilling company, culminating with restructuring Boldesti Oilfield. Currently, through the activity of oil and gas exploitation carried out, OMV Petrom is still among the leading businesses in the area. Therefore, the company has responsibility towards the community and its employees, most of them members thereof. The town of Boldesti Scaeni is in Prahova County, 15km from Ploiesti. From the population of approximately 11,000

inhabitants, approximately 1,000 are Romani people. In the Romani community here, figures are particularly concerning: approximately 30 people are working under labor contracts, the rest living on unemployment benefits, child benefits or as work day laborers, leading to an unemployment rate of about 97%. OMV Petrom inaugurated in 2015 the Resource Center of Boldesti Scaeni Community - a building constructed in accordance with the highest standards of sustainability in construction, aiming to raise living standards and education of disadvantaged people, especially Romani.





SNGN Romgaz SA

### GREEN HOSPITAL

The Green Hospital is a CSR project carried out by Romgaz for energy efficiency of the main health care unit in the community - Medias Municipal Hospital.

The project aims at improving the conditions of comfort and quality of health services and consists of the installation of a heat pump and three solar panels that will allow the hospital administration to procure energy from green sources.

50,000 euros were used in equipping the contagious diseases unit of Medias Municipal Hospital with solar panels and geothermal heat pumps. In this way, the unit will become independent in terms of heat, hot water both in the

central heating system and domestic water system, being produced sustainably.

Energy efficiency will reduce annual energy costs by about 10% for Medias Municipal Hospital. The savings made constantly can become additional sources of hospital budget on sectors related to the medical act.

## ENERGY EFFICIENCY

The award rewards the company that implemented a remarkable energy efficiency project at national or local scale, by the amount of energy consumption reduction obtained, by the favorable impact to the business and the environment, by the financing attracted, and by the performance in communicating the project as a landmark model of good practice.



### Elsaco Electronic

#### COGENERATION PLANT FOR CHIMCOMPLEX

The Thermoenergy Projects Division within the company Elsaco Electronic SRL has successfully implemented, for the beneficiary Chimcomplex SA Borzesti (the city of Onesti, Bacau County), a complete plant for the production of electricity and heat in cogeneration, with a capacity of 7.68 MWe - electrical power and 11.7 MWt - thermal power, using natural gas as fuel. The project, worth approximately EUR 14.35mln, was implemented within the Sectoral Operational Programme "Increase of Economic Competitiveness" (SOP IEC), co-financed through the European Regional Development Fund (ERDF). The cogeneration plant is necessary for the beneficiary to ensure

### Elsaco Electronic

Cogeneration plant for Chimcomplex

### E.ON Romania

Energy in childhood schools

### Luxten Lighting Company

Efficient systems, solutions and technologies for public lighting in Drobeta Turnu Severin

### Unicmar New Energy

Energy independence at Ocna Mures technological high school

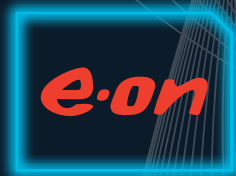
### Technical University of Cluj-Napoca UTCN

Empower Your Building Efficiency, towards n2EB

energy required for consumption, especially in its production processes, in conditions of maximum energy efficiency.

The new cogeneration power plant consists of:

- an industrial gas turbine Kawasaki, equipped with electric generator (7.68 MWe)
- a boiler for heat recovery from flue gases discharged
- a SCADA system for monitoring and control of technological processes
- all the other necessary auxiliary equipment for power supply 6/0.4kV, gas supply (via a screw-type compressor), combustion air supply/cooling etc.



E.ON Romania

### ENERGY IN CHILDHOOD SCHOOLS

The project "Energy in childhood schools" was implemented during May & September 2015 in 11 schools in 7 counties of Moldavia and Transylvania, totaling over 7,000 beneficiaries, children and teachers. The schools included in the project were selected together with the county school inspectorates, selection criteria being the lack of modernization of lighting sources in the past five years and the difficulties to ensure, in the long run, resources for paying high energy consumption.

Upgrading lighting systems meant the acquisition and installation of 6,000 luminaires and about 15,000 LED

tubes. The total amount invested by E.ON Romania was approximately EUR 600,000. LED technology provides a considerable energy saving, consumption being about 50% lower than fluorescent lighting and 80% lower than the conventional lighting, with incandescent bulbs. At the same time, the average lifespan of LED tubes is between 40,000 and 70,000 hours, compared to 15,000 hours lifetime of neon fluorescent tubes and 750 hours for traditional incandescent bulbs.



Luxten Lighting Company

### EFFICIENT SYSTEMS, SOLUTIONS AND TECHNOLOGIES FOR PUBLIC LIGHTING IN DROBETA TURNU SEVERIN

The energy efficiency project is part of the Program of rehabilitation and modernization of public lighting in Drobeta Turnu Severin and aimed at modernizing and optimizing the technical and functional parameters of the public lighting system in the project area.

The project is a replica of the concept implemented in Bucharest in 2014. The novelty is the implementation of a mixed sodium-LED lighting solution and tests the capacity to adapt and replicate the concept in the specific conditions of a budget and lighting infrastructure in a city in the country with a distinct administrative and financial context

compared to the Capital.

Target of the project: obtaining energy efficiency greater than 25% compared to the existing situation.

Indicators of the project:

- Energy saving - 81.28 MWh/year
- Reducing carbon dioxide emissions - 144.55 t CO<sub>2</sub>/year
- Energy efficiency - 30.86%



## Unicmar New Energy

### ENERGY INDEPENDENCE AT OCNA MURES TECHNOLOGICAL HIGH SCHOOL

After discussions with the leadership of Ocna Mures technological high school on reducing thermal and electrical energy costs and reducing pollution in the environment, the project of infrared heating and photovoltaic system was started.

So far, a transition was made from conventional heating based on gas to heating with infrared panels of the High School, together with the gymnasium, following to realize the photovoltaic system of about 100 kWh and energy storage at night, to give a complete energy independence and direct the surplus power to other public institutions.

The funding for the work was partially allocated by Ocna Mures Municipality, followed to access an EU funding program for the acquisition of the PV and energy storage systems.

The objective is to reduce costs with thermal energy and electricity from other renewable energy sources, while aiming to reduce the impact on the environment.



## Technical University of Cluj-Napoca UTCN

### EMPOWER YOUR BUILDING EFFICIENCY, TOWARDS NZEB

The Technical University of Cluj-Napoca has launched and implemented a holistic investigation project for increasing energy efficiency in the 32 buildings of the University, with a total area equivalent to 108,397 square meters, reflected by an annual utility bill (electricity and gas) of 1,490,775 euros/year (28.26 GWh/year) for the last year and a specific average consumption of primary energy of 330 kWh/sqm\*year. It all started with an interdisciplinary engineering team, consisting of 11 specialists from the UTCN, along with 44 students from the faculties of engineering of the University (Energy Management, Renewable Energy Sources,

Installations, Civil Engineering, Architecture).

The approach consisted of energy audits on specialties and coordinated between them, namely the implementation of pilot solutions to increase energy efficiency, reflected as deliverable through a plan of efficiency solutions, realistic and attractive: an impact in 2015 at 10,840MWh/year energy savings, i.e. EUR 1,092,000/year savings of money; reducing the bill by 73%, amortization of the package in 7.2 years.



## DEAL OF THE YEAR

The award honours the company that managed the most important procedure for purchase / merger / farm-in / farm-out. Among the analysis criteria: size and impact of the operation (based on size of the original company), the development prospects of the company results, the degree of innovation.



### Carlyle Group

#### TAKING OVER STERLING RESOURCES' OPERATIONS IN ROMANIA

We propose the acquisition of Midia Resources by Carlyle group for the category Deal of the Year, as it opens the opportunity of accelerated development of the national and regional identification and trade of gas resources in the blocks of Black Sea Oil & Gas (formerly Midia Resources). Midia Resources, company which was owned by Sterling Resources, has changed its name into Black Sea Oil & Gas (BSOG) after the acquisition of its hydrocarbon assets by the financial group Carlyle and continues operations in the Romanian sector of the Black Sea. Canadian company Sterling Resources has sold its

### Carlyle Group

Taking over Sterling Resources' operations in Romania

### Franklin Templeton

Fondul Proprietatea sold a 4.15% stake in Romgaz

### GDF SUEZ Energy Romania / ENGIE

Takeover of Congaz stake

### MUM Partner Bucharest

MUM Hungary takes over control of Hivatalos Miercurea Ciuc

### Transeastern Power Trust

Transeastern Power Trust purchased two solar parks

operations in Romania to the investment fund Carlyle International Energy Partners for USD 42.5mln. The sale includes the concession rights regarding XIII Pelican, XV Midia, EX-25 Luceafarul and EX-27 Muridava blocks, being structured in the form of sale by the company of its fully owned subsidiary, Midia Resources. The blocks, located on the Romanian continental shelf of the Black Sea, contain a number of significant gas discoveries and present net resources and possible net resources amounting to the equivalent of approximately 51 and, respectively, 375 million oil barrels.

## Franklin Templeton



### FONDUL PROPRIETATEA SOLD A 4.15% STAKE IN ROMGAZ

Fondul Proprietatea candidates to the category Deal of the Year with the accelerated book build offering of 16 million shares in Romgaz, more than initially planned. The transaction was a success by the rapidity with which the placement was realized and the size of revenues obtained. Fondul Proprietatea sold through accelerated book build offering a 4.15% stake in Romgaz, for RON 456mln (EUR 103.1mln), with a discount of 6.8%.

Fondul Proprietatea sold 16 million shares in Romgaz to qualified investors, of which 14.71 million as shares and 1.28 million as global depositary receipts. The actual size

of the transaction was supplemented by 9.7% in relation to the initially targeted volume, due to high demand from investors. The share price was set at RON 28.50 and USD 7.32 (for the sale through global depositary receipts with shares as underlying assets). After the deal, Proprietatea Fund remained with 22.54mln Romgaz shares, accounting for 5.85% of the capital.

## GDF SUEZ Energy Romania / ENGIE



### TAKEOVER OF CONGAZ STAKE

GDF SUEZ Energy Romania/ENGIE candidates in this category with the acquisition of a 13.95% stake in the local gas distribution company Congaz, stake which belonged to Petroconst Constanta. Following this transaction, the company reaches a 99.72% stake in Congaz. In July 2014, GDF SUEZ Energy Romania/ENGIE purchased the share package of 57.18% owned by OMV Petrom and E.ON. Following this acquisition, GDF SUEZ Energy Romania/ENGIE consolidated its position as the largest gas distribution and supply company in the regulated gas market of Romania. Congaz is a company established in 1999 in order to develop

the distribution network in the city of Constanta, as well as in other localities of the county. Congaz operates a gas distribution network of approximately 850km and has a portfolio of 57,000 customers in 14 localities in Constanta County, respectively: Constanta, Medgidia, Navodari, Ovidiu, Negru Voda, Agigea, Eforie Sud and Eforie Nord, Cogealac, Cumpana, Lumina, Lazu, Ualu lui Traian and Mihail Kogalniceanu. The medium-term development plan of the company provides for extension of the gas network in the localities where the company already has concessions, as well as the development of new ones.



## MUM Partner Bucharest

### MUM HUNGARY TAKES OVER CONTROL OF HIVATALOS MIERCUREA CIUC

Hungarian energy company MUM entered the energy market in Romania by purchasing a 90% stake in Hivatalos Miercurea Ciuc, company focused on electricity production in small hydro-power stations.

MUM, the energy company owned by the Hungarian state and one of the largest in Hungary, holds control over energy producer in small hydro-power stations Hivatalos. Small hydro-power stations taken over have an installed power of approximately 7MW.

The deal represents the entry of the Hungarian energy market leader in Romania in the electricity production

segment. The sale of a MW of installed power in small hydro-power stations ranges between USD 3-4mln, but the figure hasn't been confirmed by any of the parties involved.



## Transeastern Power Trust

### TRANSEASTERN POWER TRUST PURCHASED TWO SOLAR PARKS

In a climate of uncertainty and financial problems for the renewable energy sector, Transeastern Power Trust bought two solar parks in Romania, from Renovatio Group, for about EUR 9 million, excluding debt.

The price has a cash component of EUR 4.17mln and one of 6.812 million Trust Units, at the value of 1 Canadian dollar. Transeastern Power Trust secured funding of USD 5mln from Sprott Resource Lending Partnership.

The solar parks purchased have been operational for over two years and increase by over twice the installed energy production capacity owned by Transeastern Power Trust.

Related to the trust units component, before the acquisition of the two solar assets Transeastern completed the first tranche of a private placement, through which it issued certificates worth over USD 5.4 million. Each certificate can be turned into a trust unit and an option for the acquisition of trust units, for a period of 36 months from issue, at the price of 1 dollar per unit.

## FINANCING OF THE YEAR

The award honours the company that managed the most inventive and impactful funding for the energy sector in Romania. Among the analysis criteria: the structure of the grant agreement, the impact upon the financed company, the anticipated growth for the business, benefits for the shareholders.

### CEZ Distributie

Syndicated loan of EUR 154mln

### KMG International

Syndicated loan of USD 360mln

### OMV Petrom

Syndicated loan of EUR 1bn

### Oscar Downstream

Investments in developing the storage and distribution infrastructure



### CEZ Distributie

#### SYNDICATED LOAN OF EUR 154MLN

CEZ Distributie participates in the competition for the Financing of the Year with the success of contracting a syndicated loan of approximately EUR 154mln from EBRD, ING, City Bank and Societe Generale for investments in the electricity distribution network.

Citibank, ING Bank and Societe Generale participated together with the equivalent in RON of almost EUR 90mln, and the part covered by EBRD is the equivalent of EUR 64mln. The loan represents the first long-term syndicated financing in local currency granted by EBRD to a company in Romania. In the local market of corporate financing, the syndicated

loan obtained by CEZ Distributie is one of the highest this year. Investments planned with this financing aim at implementing measures for reducing losses in the network, for energy efficiency and smart metering. Immediate benefits of investments will include the optimized operation of the network and continuity in supplying electricity to consumers. Financing refers to investments in 2015-2016 in the distribution network, whose purpose was to cut costs, improve efficiency, install smart meters, restructure the accounting balance in order to optimize the capital structure and provide working capital.





## KMG International

### SYNDICATED LOAN OF USD 360MLN

KMG International NV proposes for the Financing of the Year award the contracting of a credit facility worth USD 360mln achieved by companies of the group to refinance existing loans and to cover the general financing needs.

The facility is of multi-currency revolving type, has a 3-year maturity and was contracted from a syndicate of banks consisting of Banca Comercială Română, as Coordinator, ING Bank NV Amsterdam - Bucharest Branch, Raiffeisen Bank SA and UniCredit Tiriac Bank SA.

The facility will be used by Rompetrol Rafinare, Rompetrol Downstream, KazMunayGas Trading and KMG Rompetrol; it

includes two installments, a revolving credit facility and an installment which can be used as ancillary facilities.



## OMV Petrom

### SYNDICATED LOAN OF EUR 1BN

OMV Petrom candidates to the Financing of the Year award with the success of a syndicated loan worth EUR 1bn, absolute record for a local company in the market of corporate financing. 17 banks have granted the loan in RON, EUR and USD.

The syndicated loan is intended to finance the current operations and refinance a loan of EUR 930mln contracted in 2011. The Lead Arrangers - BRD, SocGen and UniCredit Bank Austria AG - have each undertaken exposures of over EUR 100mln in the new loan.

The new revolving-type facility is granted by a group of 17

local and international banks. The bulk of the money comes from foreign banks, local banks having a smaller share in the transaction, the epicenter of the deal being London. The loan has a 5-year maturity, which may be renewed for two more consecutive years, so due by May 2022, and is designed to replace a syndicated credit line worth EUR 930 million contracted in November 2011 and so far unused.



## Oscar Downstream

### INVESTMENTS IN DEVELOPING THE STORAGE AND DISTRIBUTION INFRASTRUCTURE

Oscar Downstream strategy aims at expansion and consolidation of its position in the Romanian market, after financing with EUR 25mln the infrastructure projects in storage and distribution capabilities, throughout the flow, to the end user.

The most important component of the investment of EUR 25mln for a 3-year period is the modernization of own storage facilities and building from scratch 5 Greenfield storage facilities to reach a total own storage capacity of approximately 50,000 cubic meters in 2016, complying with the highest standards in the field.

The implementation of the strategy started in 2013 by

purchasing the storage in Fundulea, followed by the inauguration of its own storage in Sercaia (Brasov) in 2014, extension on a new business division with a package of services dedicated to agriculture, increasing the own fleet of petroleum products distribution, increasing the own sales network, opening the second storage in Zadareni (Arad) and introducing gasoline in the portfolio of products, in 2015. We aim to complete by the end of 2015 works at the storage in Ocna Mures and open 4 new stations to supplement the own network dedicated to corporate customers, following to complete in 2016 the 4th Greenfield storage in Roman and upgrade/modernize and extend the storage in Fundulea.

## BEST NEW COMER

The award honours the company that came with the most interesting novelty this year: new entrant in Romania, domain extension, new major scale project, unused technologies until today.

**ABMEE & Servelect Cluj**  
Nearly Zero Energy Hotels – neZEH

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**Eaton Corporation**  
UPS Eaton 93PS (8-40kW)

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**Eva Energy**  
Electricity supplier for residential customers

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**Forte Gaz GN**  
Forte Gaz GN - new supplier in the gas market

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**CEZ Group in Romania**  
CEZ Caravan: Energy for Profit

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**CEZ Group in Romania**  
CEZ E-mobility

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**OPCOM SA**  
Implementing REMIT regulation

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**Raffles Energy SRL**  
Pioneering "gas-to-power" solutions for marginal gas fields

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**RIDGID – Emerson**  
Launching in Europe and the U.S. the crimping device designed and manufactured in Romania

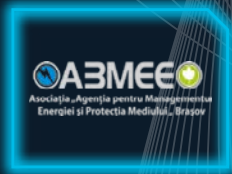
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**SAS Romania**  
The only fully functional analytics architecture for Smart Metering/Grid projects

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**Valeg Creative Solutions**  
High-efficiency on-site micro-cogeneration for site-own consumption

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## ABMEE & Servelect Cluj

### NEARLY ZERO ENERGY HOTELS – NEZEH

Through a European funded project, ABMEE, as partner of the project, and Servelect as energy auditor and ESCO company, have initiated the conversion of 3 hotels in Romania in nearly zero energy consumption buildings, nZEB. At the level of the tourism sector, it is a representative project with replicability.

Through financial support offered by EBRD and the European project “Nearly Zero Energy Hotels”, coordinated in Romania by ABMEE, in the spring of 2015 Servelect Cluj conducted 3 complex energy audits, at the level of building envelopment, installations and consumption processes

in 3 hotels (Grand Hotel Balvanyos, Hotel Cubix and Hotel Kolping), whose owners had shown interest for turning the buildings in nZEB, compared to average levels of primary consumption of over 430 kWh/sqm/year.

The result was to prepare solution packages for advanced renovation of buildings, in order to reduce the necessary energy consumption and to install local renewable energy sources, so as to reach the target imposed of nZEB consumption of 104 kWh/sqm/year of primary energy and 35% contribution from renewable sources.



## Eaton Corporation

### UPS EATON 93PS (8-40kW)

The UPS with the lowest Total Cost of Ownership and maximum availability in its power range - [www.eaton.eu/TCO](http://www.eaton.eu/TCO)  
The Eaton 93PS is a uniquely intelligent UPS that is both virtualization and cloud ready. Another key technology feature is Eaton's Energy Saver System (ESS). Already delivering safe and reliable power in major data center hubs around the world, ESS enables the UPS to deliver up to 99 per cent efficiency by suspending power modules when power conditioning is not required.  
The system is, however, ready to switch to double-conversion mode in under two milliseconds if required.

ESS also enhances the reliability of the system by reducing stress on the electrical components, extending the life of the UPS and helping IT professionals reduce the Total Cost of Ownership.

To guarantee high efficiency, even when UPS load levels are low, the new 93PS uses Eaton's Variable Module Management System (VMMS) which optimizes the load levels of power modules in a single UPS, or in parallel UPS systems, by suspending extra UPS capacity.

The 93PS has also been designed to be highly scalable.





Eva Energy

### ELECTRICITY SUPPLIER FOR RESIDENTIAL CUSTOMERS

Eva Energy, electricity supplier for residential consumers, candidates for the Premiere of the Year category, with the success of convincing in a year over 9,000 households to give up the regulated supply contract, to change the supplier and enter in commercial relation with their company.

Thanks to experience in energy of Eva Energy team and granulating analyzes that substantiate business decisions, the company manages to add every month at least 1,000 new customers in the residential sector of electricity consumers.

The company have built new approach models, of marketing and sales, in the energy supply segment for households, managing to reach in a year over 9,000 customers, with a growth speed of collaborators and energy consumers basis above expectations. "Personalized services, the capacity to relate directly and honestly with our customers, and to intervene quickly are our main competitive advantages."



Forte Gaz GN

### FORTE GAZ GN - NEW SUPPLIER IN THE GAS MARKET

Lack of real competition, as well as the lack of transparency in the market, have promoted the need for the apparition of new suppliers in the field, such as Forte Gaz GN, which managed to capitalize the experience of employees and shareholders in a successful project. The project was launched in August 2014, with actual start as of October 1st 2014, involved a capital of approximately EUR 0.5mIn and 2 employees familiar with all the procedures specific to the field. Forte Gaz GN imposed itself as a competitive gas supplier, as it managed to combine flexibility, dynamism and quality

of services at a reasonable cost for all its customers. Using centralized trading platforms to ensure correctness, transparency and visibility was considered a central pillar in the development strategy of the company. Customers appreciated the seriousness and transparency in relation to the company, which enabled very rapid development of the customer base. As each customer has specific needs, besides the direct ones, i.e. commercial advantages, Forte Gaz GN permanently tries to adapt to customer needs.



## CEZ Group in Romania

### CEZ CARAVAN: ENERGY FOR PROFIT

The energy sector is going through a fundamental change. The needs and requirements of consumers increase and diversify at the same pace as their life style. Suppliers must answer with quality services, adapted to needs and, more importantly, with transparency and responsibility. CEZ is more than a supplier, it is a long-term partner for its customers, supporting their plans and uniting people with their dreams. Therefore, we go before our customers and present the solutions available for an advantageous electricity contract and low consumption, on which they are the ones who hold control.

The CEO of CEZ Vânzare, together with its first line directors and 2 specialists in energy efficiency, have started in a caravan, in 10 cities of the country (Constanta, Galati, Brasov, Ploiesti, Iasi, Bacau, Cluj, Sibiu, Timisoara, Arad), where they tell stories to interested consumers on how they can get lower energy costs, what are the benefits and recommendations for a beneficial electricity supply contract, what energy efficiency solutions they have available. Presentations contain case studies in the country and abroad, concrete examples and a generous session of questions and answers.



## CEZ Group in Romania

### CEZ E-MOBILITY

CEZ Group in Romania expresses concern for the community and people by new approaches and, this year, it mounted electric charging stations for cars available for free for both employers and clients in Pitesti and Craiova. Also, it purchased electric and hybrid cars for employees. If the results of this pilot project are positive, the number of charging stations and electric cars will be extended. An electric station was installed in Pitesti to be able to test and analyze the charging capacity, autonomy of cars, as well as the charging program. The supply capacity of the station in Pitesti is 22 kW for machines equipped

with loading port compatible Type2 or 3.6 kW for vehicles equipped with Schuko loading port). Access to the charging station is free for all users of electric cars, the only one of this type in Pitesti.

Shortly, the two "green" cars purchased will be delivered: one fully electric and one hybrid, which will be available for CEZ employees in Craiova and Pitesti.



## OPCOM SA

### IMPLEMENTING REMIT REGULATION

In order to report data according to REMIT, OPCOM underwent a permitting process by ACER as reporting mechanism (RAM OPCOM" (Registered Reporting Mechanism), developing a technical solution and a legal framework aimed at keeping balance between the general objective of ensuring efficiency, effectiveness and reporting in conditions of security of trading data, and a competitive solution at European level, for the benefit of end consumers.

According to the Regulation (EU) no. 1227/2011 of the European Parliament and Council of October 25th 2011 on the integrity and transparency of the wholesale energy market,

article 8, (1) market participants or a person or an authority of those referred to in paragraph (4) letters (b)-(f), acting on their behalf, provides the Agency with records of transactions, including trading orders, on the wholesale energy markets. Information reported shall include the precise identification of the wholesale energy products bought and sold, the price and quantity agreed, the dates and times of execution, the parties to the transaction and the beneficiaries of the transaction and any other relevant information.



## Raffles Energy SRL

### PIONEERING "GAS-TO-POWER" SOLUTIONS FOR MARGINAL GAS FIELDS

Dornesti and Lileci are the first marginal gas fields in Romania which have been recovered and put into production in 2015 directly through the "gas-to-power" solution ("GTP"). Gas accumulation in Dornesti was discovered in 2007, and that in Lileci - in 2009. At that time, there were no proper solutions to monetize gas by building adduction pipelines connected to Transgaz network and, therefore, the two discoveries were put in "conservation".

Dornesti field was put in experimental production by building an extremely efficient power plant, based on a staged modular design allowing the gradual reaching of a production

rate of electricity of up to 2.5MW/h. The power plant is located near the production well (which contains gas with high calorific power, with over 99% methane, around 500 meters deep) and allows the direct conversion of gas into power, with connection to the national high-medium voltage power grid, located at a distance of around 2km. Lileci field represents a conventional gas accumulation (over 98% methane), consisting of a sequence in several reservoirs located at depths between 500 and 2,300 meters. Developing this accumulation through the GTP solution is based on a similar approach as Dornesti.

**RIDGID**

## RIDGID – Emerson

### LAUNCHING IN EUROPE AND THE U.S. THE CRIMPING DEVICE DESIGNED AND MANUFACTURED IN ROMANIA

RIDGID, a brand of Emerson Commercial & Residential Solutions, has entered the market of equipment for companies in the electrical field, launching in the second quarter of 2015 the lightest terminal crimping equipment for electrical cables in its class, the RE-130M model.

Launching RIDGID RE-130M in Europe and Romania is part of an extensive project aiming at several equipment for processing electrical cables. This was the step preceding the launch of products developed and produced entirely in RIDGID Regional Center, located in Emerson Campus of Cluj-Napoca. The manual hydraulic model of 130kN force has

been entirely developed by RIDGID engineers from Emerson Campus in Romania.

The benefits of this innovation are:

- saving money
- the investment is reduced significantly purchasing a single reliable equipment incorporating the latest technology
- saving storage space in the car, workshop or factory
- reducing the weight of equipment

**SAS**  
THE POWER TO KNOW.

## SAS Romania

### THE ONLY FULLY FUNCTIONAL ANALYTICS ARCHITECTURE FOR SMART METERING/GRID PROJECTS

From 2014, SAS Inc. has been promoting in Romania the only fully functional analytics architecture in the world, which covers all the needs and problems of a Smart Metering/Smart Grid project.

Legal and regulatory difficulties, essential investment plans abandoned, failure to access and poor understanding of the new technologies mix, the lack of openness to the best global practices have convinced SAS Inc., global leader in advanced and predictive analysis solutions, to get involved actively in developing a better and more mature energy market, based on good practices at global level and

success stories of 500 companies all over the world. These companies understood that the new technologies are the gate to successful business models in the energy market. SAS has decided to seriously invest in disseminating knowledge, especially for energy efficiency, smart metering/smart grids and optimization.





## Valeg Creative Solutions

### HIGH-EFFICIENCY ON-SITE MICRO-COGENERATION FOR SITE-OWN CONSUMPTION

Valeg introduced in Romania the concept of "on-site cogeneration for site-own consumption", by developing 5 projects totaling a number of 6 micro-cogeneration equipment, installed during 2013-2015, concept not used so far in Romania.

The concept consists of:

1. Sizing the micro-cogeneration solution simultaneously, based on electricity and heat consumption of the site, so that electricity and heat production does not exceed the consumption of electricity and heat of the location, except, maybe, in a transient state.

In order to meet this condition, equipment has the possibility of modulating power produced based on both thermal and electrical load or on a criterion resulting from the aggregated monitoring of electrical and thermal loads simultaneously.

2. Connecting the micro-cogeneration solution is done directly LU/MU facility of the location, immediately after the meter that measures electricity imported the location from the network.

## EXECUTIVE OF THE YEAR

The award honours the most innovative and inspirational manager in the industry. Among the analysis criteria: the executive proved leadership, contributed to the company's growth, introduced and implemented new strategies.

LL. D. Remus Borza

Hidroelectrica

John Long

Nobel Oil

Petru Vaduva

Transgaz

Victor Ionescu

OPCOM



LL. D. Remus Borza, official receiver of Hidroelectrica

LL.D. Remus Borza, official receiver of Hidroelectrica, successfully coordinates the insolvency of the only insolvent company in Romania that has paid debts at nominal value, performance unparalleled to date. As a result of a proactive, corporate, loyal, visionary, creative and responsible management, Hidroelectrica achieved in the first half of 2015 a record profit of RON 726mln, by approximately 42% higher than the profit obtained in the first 6 months of 2014, and a turnover of RON 1.851mln, higher by RON 297mln compared to the similar period of 2014, when the turnover stood at RON 1.554mln.

On June 20th 2015, Hidroelectrica became the only insolvent company in Romania that managed to pay its debts at nominal value, paying the last installment of the 24 related to the body of creditors.



John Long, Nobel Oil

Nobel Oil proposes Mr. John Long for the Manager of the Year award. Mr. John Long is responsible for establishing the network of filling stations of the company, for the extensive experience in Romanian downstream, together with famous profile brands (Shell, Lukoil, Rompetrol), for which he has prepared the points of sale, with record volumes.

John Long was recruited by Nobel Oil to develop its first retail fuel network in Romania, the first retail market for this company. John Long came to Romania in 1992 and opened more than 200 filling stations on the domestic market. John Long opened the first station of a private investor

in Romania (Shell, in 1994), and implemented the entry in the market and the development strategy of Lukoil Downstream and Rompetrol Downstream. He has developed around 2,000 filling stations globally, of which, in less than 8 years, he has built in Romania 120 stations for Rompetrol, about 90 stations for Shell and 30-40 for Lukoil. The first station of Nobel Oil in Romania was inaugurated in November 19<sup>th</sup>, in Iasi. Nobel Oil plans to reach 80-90 units in the next five years in Romania.



Petru Vaduva, Managing Director of Transgaz

Petru Vaduva, Managing Director of Transgaz, joins the competition for the Manager of the Year award in 2015, for the steps taken by the management team to build the Romanian section of BRUA gas pipeline project (Bulgaria - Romania - Hungary - Austria).

Transgaz shareholders approved on June 16<sup>th</sup> 2015 the triggering of the procedure on issuing corporate bonds, worth maximum RON 500mln, and in September the U.S. Trade and Development Agency (USTDA) awarded to the company a grant worth 956,000 dollars to support Transgaz project on gas pipeline extension. Funding from the U.S. agency will allow conducting a

feasibility study in order to improve and confirm the technical project and economic and financial specifications for building the Romanian section of Bulgaria-Romania-Hungary-Austria gas pipeline project (BHRA) and Black Sea coast - Podisor pipeline.

On June 16<sup>th</sup> 2015, Transgaz shareholders approved the procedure for issuing corporate bonds, worth maximum RON 500mln. Money thus obtained will be used to co-finance the construction of BRUA gas pipeline, project worth around EUR 560mln. Transgaz would subsequently extend the gas pipeline to the Black Sea, the cost of the project following to increase to EUR 1.1bn.



Victor Ionescu, General Manager of OPCOM

Victor Ionescu, in his capacity of General Manager of OPCOM, for coordinating the activity of organization and management of electricity and gas markets, projects and development directions of OPCOM, in the context of steps for integration in the single European energy market. 2015 was the year in which OPCOM activity, by improving the quality of services provided and portfolio diversification, as well as by implementing certain projects, of which we recall the launch of the intraday market operating according to rules allowing continuous trading, up to two hours before the time of delivery, completion of implementation and launching an electricity trading mechanism of OTC

type, extending the possibilities of trading green certificates by introducing the market of bilateral contracts, as well as launching on November 19th 2014 the coupling of day ahead markets of the Czech Republic, Slovakia, Hungary and Romania, has paid off: number of participants, amounts traded and value volumes in continuous growth, concentration indicators that have diminished values. The size of business managed by OPCOM, with impact on market participants, can be summed up by the performance to date: 1861 participants, transactions made by participants exceeding EUR 2,690mln, various range of markets, products and instruments.



## LIFETIME ACHIEVEMENT

The award honours an energy industry personality from Romania (capacity for leadership, contributions to the development of the company, has introduced and applied innovative business strategies, leader of thought).



Emilian Mateescu, adviser to the General Manager of ELCEN

Emilian Mateescu has an experience of over 40 years in the energy industry. He has thorough knowledge of the district heating system in Romania, being considered an expert in the field, and has often faced the challenges of this industry, which is why the ELCEN team nominates him as candidate for the Excellence Award for Lifetime Achievement.

A graduate of the Faculty of Power Engineering (Polytechnic Institute of Bucharest), Emilian Mateescu is a professional dedicated to his work, who has contributed to numerous investment projects with impact on the development strategy of the company, programs of construction consolidation and rehabilitation at ELCEN, as well as action programs for environmental protection.

**Emilian Mateescu**

adviser to the General Manager of ELCEN

**Ionel Bucur**

director Cernavoda NPP

**Prof. Dr. Eng. Niculae Antonescu**

The Oil and Gas University of Ploiesti

**Octavian Lohan**

member of the Directorate at Transelectrica

**Prof. Dr. Eng. Florin-Teodor Tanasescu**

The Polytechnic University of Bucharest

Emilian Mateescu started his career in 1972, as trainee engineer, at CET Bucuresti Vest, following academic distribution. In 1985 he went to the Ministry of Power, where he took the position of principal engineer. A year later he became principal specialist inspector. In 1988 he started working at the National Power Dispatcher, as principal engineer. In 1990, he returned to CET Bucuresti Vest, as head of the Electrical Department, position held for five years. In 1995 he was promoted as technical deputy director of Electrocentrale Bucharest Subsidiary, where two years later he was appointed general manager. From 2009 and until 2015 he held the position of technical director and, respectively, technical deputy general manager at ELCEN. Currently, he is adviser to the General Manager of ELCEN.



Ionel Bucur, director Cernavoda NPP

In over 36 years of experience in the nuclear industry and in as many years fully dedicated to Cernavoda Nuclear Power Plant, PhD, Ionel Bucur, Director of Cernavoda NPP, is the man and professional under whose management and expertise in operation the Cernavoda NPP site from the '70s became today the greatest industrial performance in Romania, Cernavoda NPP being the first in the world in terms of capacity factor from the commissioning of the two units.

Ionel Bucur participated in and coordinated the construction, commissioning and operation of the Nuclear Power Plant in Cernavoda, being as from 1998, following the

entry into commercial operation of Unit 1 of Cernavoda NPP, the first Power Plant Director, and as from 2004 Manager of Cernavoda NPP Branch.

In this capacity, Ionel Bucur coordinates all the activities related to the production of electrical and thermal energy, in compliance and with the improvement and innovation of all processes related to maintaining and constantly improving the functions of nuclear security of the power plant. The management of the power plant, in its complexity (production, operation, performances), involves the complex coordination and interdependence of over 1,600 specialists.



Prof. Dr. Eng. Nicolae Antonescu, The Oil and Gas University of Ploiesti

Nicolae Antonescu is a personality known in the Romanian energy sector, a professional in petroleum and petrochemical equipment, oil, gas and environmental engineering, with a prodigious professional, pedagogical and scientific activity, which lasted for over 50 years. His prestigious work was carried out based on more than 150 contracts with beneficiaries in all sectors of activity, and based on research, development and innovation programs, carried out at national and international level with famous institutions.

He is member of the Academy of Technical Sciences of Romania, Academy of Mining Sciences of Ukraine and

was offered the title of Doctor Honoris Causa from four universities. For his entire activity, he has been awarded more than 50 medals and honorary titles, both at home and abroad, including the Order of the Star of Romania, with Knight Rank (1999). He was a member of the Romanian Parliament between 1996 and 2004, and rector of the Oil and Gas University of Ploiesti.

As a testimony of his rich activity, we can mention the writing of 22 books, over 280 articles and scientific papers and contributions to 13 patents.



Octavian Lohan, member of the Directorate at Transelectrica

Octavian Lohan has an experience of over 35 years in the National Power System (NPS), holding during his career several management positions with Transelectrica, to that of Deputy General Manager. He coordinated the program of tests and technical regulations for Transelectrica's admission, in 2003, as a full member in UCTE. He was also responsible for interconnecting the South-East European power system with the West European power system, a process completed in 2004. Since then, NPS is interconnected with the West European system through 400kV lines Arad - Sandorfalva and Rosiori - Mukacevo. Between 1996 and 1999, Octavian Lohan was in charge

with the analysis of operational regimes and scheduling NPS operation, as head of department in the Dispatching Center. For almost 20 years, he was responsible for the operational control of the power transmission network and then for the entire system. He is a member of national professional organizations and author of over 35 works on functioning of the system and of the electricity market.



Prof. Dr. Eng. Florin-Teodor Tanasescu, The Polytechnic University of Bucharest

Florin-Teodor Tanasescu led for more than 30 years the Research and Electrotechnical Engineering Institute and had an important contribution to the work of scientific societies in Romania.

In 1986 he was elected President of the National Committee of the International Electrotechnical Commission. He is a founding member of RNC-WEC (Romanian National Committee of World Energy Council) and of the Telework and Teleactivities Romanian Society and member of CIGRE. At the same time, he is secretary general of the Romanian Academy of Technical Sciences and honorary member of the Academy of Sciences of the Republic of Moldova.

Between 2006 and 2009 he was member of the Executive Board of the General Association of Romanian Engineers. He is president of the "Association for Terminology" (TERMPROM).

During his activity, Florin-Teodor Tanasescu received various awards and honors, including the Traian Uuia award of the Romanian Academy, in 1970. He was also honored with a diploma from the National Authority for Scientific Research.

## OUTSTANDING DEVELOPMENT

The award honours the company that has stood out by one specific accomplishment, something with great impact that raised the public attention and became a benchmark in the industry, throughout the year.



### Electrica SA

#### SMART METERING - 130,000 METERING POINTS ALREADY INSTALLED

Leader in electricity distribution and supply in Romania, Electrica Group is leader in terms of smart metering implementation.

Electrica started to install smart metering systems in residential areas since 2005 and currently has the largest number of metering points, as well as the most ambitious pilot-projects.

ELECTRICA Group currently has installed Automatic Meter Reading (AMR) systems for the smart metering of industrial consumers and managing electricity distributed for over 85.000 metering points. Also, Electrica currently has

### Electrica SA

Smart metering - 130,000 metering points already installed

### Luxten Lighting Company

Rediscovering the urban identity of Calea Dorobanti area

### Nuclearelectrica

Presence in the global top of nuclear power plants operators

### Regional Air Services

National leader in air transport to platforms in the Black Sea

### SPEEH Hidroelectrica SA

Record profit at Hidroelectrica

installed smart metering systems, in residential areas, managing a number of over 45.000 consumers. Electrica's distribution subsidiaries are carrying out pilot projects to assess the optimal technical solutions and related costs for implementing Smart Metering systems, projects approved by ANRE, at the level of approximately 45.000 metering points. The largest pilot project will manage over 23.000 metering points. These pilot projects are in final phase of implementation and will be commissioned by the end of the year.





## Luxten Lighting Company

### REDISCOVERING THE URBAN IDENTITY OF CALEA DOROBANTI AREA

The energy efficiency project had as main objective the optimization and efficiency of technical and functional parameters of the public lighting system on Calea Dorobanti and the surrounding areas and the specific objective of rediscovering the urban identity of the area and highlighting it. The project was financed by EBRD through the Energy Efficiency Finance Facility (MEFEF). Technology: pioneering project within the concept "Smart by Luxten", where the LED technology, telemanagement system, urban aesthetics and reducing electricity consumption and operational costs were prerequisites for creating a reference project for Bucharest, which is the largest project

financed by EBRD in Romania so far.

Target of the project: getting an energy efficiency greater than 25% compared to the existing situation. The technical and functional performance of the project certified by the accredited auditor of EBRD were 36.83%.

Indicators of the project:

- Energy saving - 93.19 MWh/year
- Reducing carbon dioxide emissions - 65.54 t CO<sub>2</sub>/year
- Reducing operational costs with the lighting system in conditions of safety and continuity with EUR 23,060/year
- Energy efficiency - 36.83%



## Nuclearelectrica

### PRESENCE IN THE GLOBAL TOP OF NUCLEAR POWER PLANTS OPERATORS

SN Nuclearelectrica SA is the only company in the Romanian industry in the top of the most performing companies at international level, by the position held globally in the top of nuclear power plants operators. Based on international statistics, conducted by independent experts in the nuclear industry, in March 2015 the Unit 2 of Cernavoda NPP was the first at global level with a capacity factor (ratio between the capacity installed and actual production) of 93.5%, and Unit 1 ranked the 14th, with a capacity factor of 89.4%, out of a total of 392 nuclear units belonging to 181 nuclear power plants in 28 states. With a

capacity factor from the commissioning of the two nuclear units from Cernavoda NPP of 91.4%, Nuclearelectrica ranks the first in the world.

Except from the "Nuclear Engineering Magazine" with SN Nuclearelectrica SA position at global level, based on the capacity factor.



## Regional Air Services

### REGIONAL AIR SERVICES – NATIONAL LEADER IN AIR TRANSPORT TO PLATFORMS IN THE BLACK SEA

Regional Air Services - Tuzla International Airport is an absolute national leader in air transport with helicopters at sea - field in which it has been active since 2006. It is the private operator with the largest range of services for aviation.

Regional Air Services has a continuous activity as supplier for offshore energy companies; since 2006 it has been offshore services supplier with helicopters for the oil and gas industry and accumulated over 7,000 flight hours without accidents or serious incidents, injuries or damage. RAS offered its services for various customers, such as

OMU Petrom, Sterling Resources, CGG Veritas, Dolphine Geophysical, Exxon Mobil.

Tuzla airport has been awarded as the "most dynamic airport in Romania" and ranks the 4th in the national top in terms of number of aircraft movements (runways), but holds the first position nationally for several years in a row in terms of number of movements of helicopters - which reached the record of 72.8% of traffic registered throughout the country (including helicopters both civil and military).



## SPEEH Hidroelectrica SA

### RECORD PROFIT AT HIDROELECTRICA

Hidroelectrica managed to register a record gross profit in the first 9 months of 2015, in conditions of an extended period of hydrological deficit.

In the first 9 months of 2015, Hidroelectrica posted a gross profit of RON 875mln, by approximately 7% higher than the profit recorded in the first 9 months of 2014, in conditions in which hydrological deficit in July - September 2015 significantly affected the company's production.

Hydrological deficit in July-September 2015, labeled in the media as "the most severe drought in the past 50 years", significantly affected energy production of Hidroelectrica.

Danube flows were reduced to 2,400 cubic meters per second, half compared to last year's average, an even greater decline being recorded on inland rivers.

In these very unfavorable conditions, Hidroelectrica managed the performance to obtain a gross profit of RON 875mln in the first 9 months of 2015, by approximately 7% higher than the profit obtained in the same period of 2014, and a net turnover of RON 2,014mln.

## YOUNG ENERGY PROFESSIONAL

This award category is open to all under 35 years old Romanian professionals with up to 10 years' experience in the industry. The Young Energy Professional Award is the result of a partnership between energynomics.ro and RNC-WEC's ULER. The award recognizes work and achievements in 2015, relevant within the Romanian or regional young energy experts.



**Alina Constantin**  
Chemical Engineer, a-ICN

Alina Constantin obtained in 2008 a Diploma of Engineer at the Faculty of Applied Chemistry and Materials Science of the Polytechnic University of Bucharest. She attended a master's in physical chemistry and corrosion and obtained her PhD in 2015.

From 2008 she has been chemical engineer in the Department of Nuclear Materials and Corrosion of the Institute for Nuclear Research, her current responsibilities enrolling in the field of radioactive waste management and international cooperation of the Institute.

From 2009 she has been a member of the Organizing Committee of the Annual International Conference NUCLEAR

**Alina Constantin**  
Chemical Engineer, RATEN-ICN

**Bogdan Bargauan**  
Energy Manager, Servelect

**Claudiu Butacu**  
President Solar Decathlon Bucharest Association

**Daniela Cristina Stoicescu**  
Operational Director, Eva Energy

**Delia Raucescu**  
Technical Monitor, Optim Project Management

**George Constantin**  
Deputy Project Manager, Romelectro Group

**Ionut Predoiu**  
Engineer Production Department, Oltenia Energy Complex

- Sustainable Development through Nuclear Research and Education, organized and hosted by RATEN-ICN. In 2014 she graduated the World Nuclear University Summer Institute program, dedicated to training young professionals in the nuclear industry, as future leaders. From October 2015 she has been Vice-President of Romanian Nuclear Young Generation Network.



**Bogdan Bargauan**  
Energy Manager, Servelect

During this year, Bogdan Bargauan, Energy Manager at Servelect, helped six of the largest industrial companies in Romania become more "healthy" and achieve their objectives of reducing energy consumption and costs, within partnerships to provide audit and energy management services.

The effort has come up with proportional results: six companies have reduced CO2 emissions by nearly 12,000 tons and energy consumption fell with the equivalent of 6.4% of total annual consumption. Energy savings estimated by implementing the identified measures are significant, the potential amounting to EUR 1.85 million each year.

Also, in a doctoral program, Bogdan Bargauan began to develop a Monitoring & Targeting toolkit, which will make an important contribution in reducing energy consumption, by setting realistic consumption targets, measurement and verification of savings generated.



**Claudiu Butacu**  
President Solar Decathlon Bucharest Association

Claudiu Butacu has been managing the Fundraising department of EFdeN for over 3 years and attracted contributions of more than EUR 1mln. He develops projects at the crossroads between the energy sector, green constructions and emerging technologies.

He is certified as Professional Energy Manager (Schneider Electric University) and as Sustainability Manager - ECQA - LEAD SUS Program. In 2015, the Association inaugurated the first Research Center for Comfort Conditions in Romania, a prototype of solar house appreciated and rewarded at national and international level.

The house is energy independent, ecological, uses

intelligent facilities and has an efficient hybrid conservatory, the first of its kind in Europe. It is designed as a solution to increasing densification of housing and mobility in Bucharest. In the industrialized version, the prototype supports the concept of a polycentric Bucharest, developing abandoned areas by building on these areas sustainable neighborhoods and a transport network based on renewable energy.





**Daniela Cristina Stoicescu**  
Operational Director, Eva Energy

Daniela Stoicescu has a Master's degree in Business Administration and Auditing, obtained a degree in Cybernetics - Computer Economics at the Technical University of Vienna, and has a degree in Mathematics - Computer Science from the Transylvania University. She started at the age of 19 as a software engineer for WHT Hagmann KG, a company in Vienna specialized in developing software for the management and documentation of energy supply interruptions. Daniela Stoicescu is, at the age of just 28, Operations Manager at Eva Energy, the first electricity supplier in Romania dedicated to residential customers, and CEO of Uvisual

Network co. Inov Electric (Bucharest branch), a company that provides IT products and services for smart grids. Under her operational leadership, Eva Energy has won more than 9,100 residential customers in one year. She is also the Project Manager for the implementation of the interruptions management system in E.ON Romania, the electricity and gas division.



**Delia Raucescu**  
Technical Monitor, Optim Project Management

In the last year, Delia Raucescu carried out technical due diligence for financing/refinancing/investment for renewable energy projects in Romania (e.g. assessment of photovoltaic plant Isaccea Park 8.75 MW, wind turbines - Enex 13.75 MW, Curcubata 11.5 MW, hydroelectric - Huta Cereteze 1.3 MW, biogas).

She also performed technical consultancy for feasibility studies for photovoltaic rooftop at logistic parks and real estate projects. As technical monitor, Delia Raucescu is involved in observing the budget and quality of execution of Curcubata park (11.5 MW).

The total value of the project is RON 110.55mln. The total

eligible value is RON 84.1mln, of which RON 51.8mln eligible amount as grant awarded from ERDF, RON 7.06mln eligible amount as grant awarded from the national budget and RON 25.22mln eligible co-financing of the beneficiary. The total non-eligible value is RON 26.45mln.



**George Constantin**  
Deputy Project Manager, Romelectro Group

George Constantin is Board Member at ULER, Deputy Manager of Romelectro Group and Technical Director of Energo Dynamics, the first Romanian company of integrated solutions in the field of energy storage. His biography starts with a background in hydropower and complex energy systems, and continues with a career path that includes consulting, project management and volunteering. He is passionate about art, macroeconomics, business and communication.

In Romelectro Group, he coordinated in 2015 the joint bid of Romelectro-Litostroj Power, winner of the Tender for the Refurbishment of HPP Stejaru, «Romanian Hydropower

School» and the actual project implementation.

A contract for 75 million euros with a duration of 5 years, an external partner, 12 subcontractors and 50 suppliers involved, and an installed capacity of 210 MW generated in the 50 years of operation, 22 TWh are some of the key figures of the project.



**Ionut Predoiu**  
Engineer Production Department, Oltenia Energy Complex Association

Ionut Predoiu graduated from the University of Petrosani - Faculty of Mining, and from 2006 he has been working at Oltenia Energy Complex - Mining Division. In 2008 he obtained a master's degree and in 2012 he had his PhD thesis at the same university. He is author and coauthor of 35 articles published in national and international journals and coordinator for graduation and dissertation papers at the University of Petrosani. In addition to performing everyday tasks, scheduling and tracking production in the 11 lignite pits exploited by Oltenia Energy Complex, Ionut Predoiu has participated with papers in the 6th Balkan Mining Congress,

at the Conference «Days of Technical Sciences Academy of Romania».

This year, Ionut Predoiu was proposed and took part in the process of obtaining financing for the European project BEWEXMIN, initiative in which Oltenia Energy Complex has strong partners in Poland, Greece and Romania.



energynomics.ro is a project byl Wing Media Energy Consulting.

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