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#PETEC

2019 POWER & ENERGY
TECH | EXHIBITION AND
CONFERENCE
Black Sea Region
VISION 2030



2-3 December 2019

JW Marriott Bucharest Grand Hotel
Bucharest, Romania

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DAY 1 - MONDAY, 2 DECEMBER 2019

18:00-20:30 Networking Cocktail Including Welcome Remarks - Offered by



Iulian Iancu - President, **COMMITTEE FOR INDUSTRIES AND SERVICES AT ROMANIAN PARLIAMENT**
MINISTRY OF ECONOMY, ENERGY AND BUSINESS ENVIRONMENT
Representative
Iulian-Robert Tudorache - President of the Board of Directors, **NUCLEARELECTRICA**
Claudiu Orban - Sales Manager, **EURO GAS SYSTEMS**

DAY 2 - TUESDAY, 3 DECEMBER 2019

8:30-9:00 Welcome Coffee & Refreshments - Offered by



Federația Patronală
Petrol și Gaze

9:00-10:15 **SESSION 1**
Energy Prospects in The Black Sea Region up to 2030

Nicolae Havrilet - Member of the Board, **ROMGAZ**
Bruno Siefken - Senior Vice President, **GSP HOLDING**
Stephen Birrell - President, **ROPEPCA**
Marco Monopoli - Head of North Mediterranean, Black and Caspian Sea, Offshore E&C Division, **SAIPEM**
Iulian Popescu - Deputy Managing Partner, **MUSAT & ASOCIATII**

Moderator: **Radu Dudau** - Co-Founder & Director, **ENERGY POLICY GROUP**

10:15-10:45 Networking Coffee - Offered by



10:45-12:00 **SESSION 2**
Strategies & State-of-the-art Technologies Transforming the Energy Lifecycle

Valentin Silivestru - President General Director, **INCDT COMOTI**
Petru Ruset - Division Country Lead Gas & Power, **SIEMENS ROMANIA**
Razvan Copoiu - Vice President, Industry BU South & East Europe, **SCHNEIDER ELECTRIC**
Luca Nicolae Iacobici - Member of the Board, **TRANSELECTRICA**
Gabriel Tache - Country Sales Manager, **EATON ELECTRIC**

Moderator: **Lavinia Iancu** - Publisher, **ENERGY INDUSTRY REVIEW**

12:00-12:30 Networking Coffee - Offered by



12:30-13:45 **SESSION 3**
Advancing Energy Efficiency Across the Value Chain

Corina Popescu - CEO, **ELECTRICA**
Cristian Nicolae Stoina - Member of the Board, **HIDROELECTRICA**
Corneliu Bodea - President, **CRE** and CEO, **ADREM**
Sandu Lucian Leanca - Branch Manager, **TELETRANS**
Dan Dumitrache - Development Manager, **SOCAR PETROLEUM**

Moderator: **Iulian Harpa** - Managing Partner, **HIM PUBLIC AFFAIRS**

13:45-14:00 Networking Coffee - Offered by



14:00-15:00 **SESSION 4**
The Future Energy Mix to 2030

Andreea Strachinescu - Head of Unit Maritime Innovation, Marine Knowledge and Investment in the Directorate General for Maritime Affairs and Fisheries, **EUROPEAN COMMISSION**
Iulian-Robert Tudorache - President of the Board of Directors, **NUCLEARELECTRICA**
Zoltan Nagy-Bege - Vice President, **ANRE**
Stefan Popescu - Deputy Director for Public and Regulatory Affairs, **ENGIE ROMANIA**
Sebastian Enache - Group Business Development Manager, **MONSSON OPERATION**
Ciprian Glodeanu - President, **ROMANIAN PHOTOVOLTAIC INDUSTRY ASSOCIATION (RPIA)**

Moderator: **Mihai Balan** - Policy Officer, **ROMANIAN WIND ENERGY ASSOCIATION**

15:00-16:30 Networking Lunch - **Sponsorship Available**



Why exhibit & attend

PETEC 2019 brings a fresh approach with an exhibition zone along with high level conference panels that provide the essential building blocks for the energy industry's smooth transition towards a low-carbon economy. The exhibition & conference is a specialized gathering platform that attracts energy experts from across the full value chain.

- Unparalleled networking opportunities
- Excellent chance to meet the officials who have a big say in the field
- Boost your company visibility – good time to engage with the right clients, potential partners, lucrative investors
- By booking a stand you get connected with people interested in smart energy solutions shaping the future
- A must-see line-up of speakers will share current insights on transforming technology, processes and people to drive sustainable value

Who should exhibit & attend

Utility companies | Oil & gas companies | Automation and engineering companies

Green technologies players | Cyber security companies | Offshore equipment and services | Consultants

Operators and suppliers | IT decision makers | Heads of innovation | Brand managers | Tech providers



EUR 297m Available in Horizon 2020 Energy Funding

The EU Clean Energy Package, designed to sustain the implementation of the Energy Union and the climate and energy framework for 2030, sets high-aimed targets on energy efficiency and renewable energy.

Also, recently, the European Commission (EC) announced that fifteen energy topics under the 2018-2020 Horizon 2020 Work Programme are open for application as of 3 September 2019. They make available EU funding of EUR 297 million in total.

Nine of the topics relate to renewable energy solutions (RES), while the six others cover smart and clean energy for consumers, smart citizen-centred energy system, smart cities and communities, and smart airports (EC-ES-SCC). The projects

will be selected for funding in a single-stage evaluation. The deadline to submit a proposal is 11 December 2019 for the RES call and 29 January 2020 for EC-ES-SCC call.

Today, natural gas - considered an ideal partner for renewable energy generation in a future sustainable energy mix - provides one quarter of the EU's energy demand. According to most of forecasts, gas will continue to play a key role alongside renewables in helping to meet future energy requirements. In this context, technology seems to be the right ally in fighting climate change and not only.

The role of natural gas and renewables in a fast-evolving energy market towards

achieving the 2030 Agenda and the Sustainable Development Goals represents the main theme for the **Power & Energy Tech Exhibition and Conference Vision 2030 - PETEC 2019**.

Power & Energy Tech Exhibition and Conference Vision 2030 takes a leadership role with the introduction of a dedicated conference and exhibition that covers a range of new technologies, including Artificial Intelligence, Machine Learning, IoT, Big Data Analytics, Edge Computing, Blockchain across the energy sector.

Energy efficiency is also a focus area for this event. Energy efficiency is changing, with new digital technologies enabling greater control, optimisation and

analytics. Harnessing digital technologies to enhance energy efficiency will require new policies and business models.

Energy efficiency is strong driver to achieve the 2020 and 2030 climate targets and also a major building block for the EC's proposal for 'A European strategic long-term vision for a prosperous, modern, competitive and climate-neutral economy' tabled in November 2018.

In this context, it is important that the 2020 targets for energy efficiency are met with measures that can continue to deliver energy savings in the next decade.

Marking the Way Towards a Functional Gas Market in Romania

Currently, hydrocarbons account for over 68% of Romania's primary energy sources, the share of natural gas in electricity generation being over 17%, and this figure is forecast also for the 2030 horizon, natural gas being an essential component of a balanced energy mix.

long-awaited Round XI for exploration, favourable prerequisites were created to attract the investments needed by Romania. Therefore, difficulties faced by titleholders of petroleum agreements should be solved by improving the current legislation.

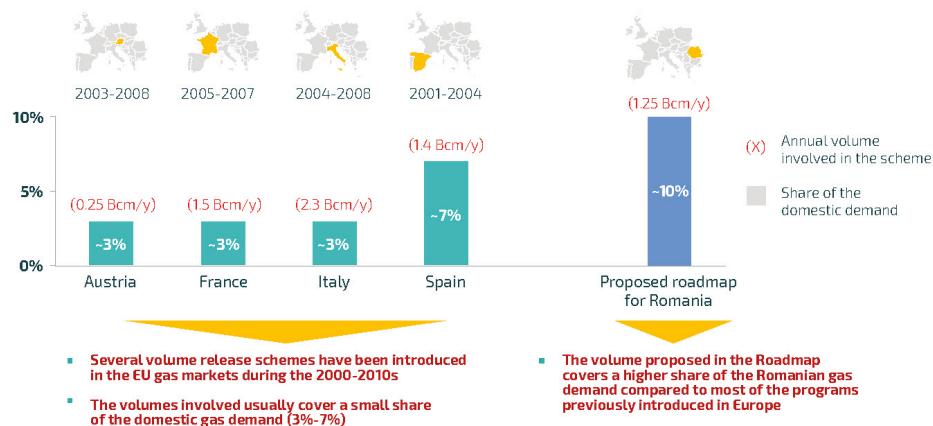
In the international context characterized by the increase in demand and the commitment to reduce carbon emissions, Romania experiences a natural decline of production and lack of investments. Most productive fields are mature fields with production in decline. To continue operating these fields, large investments are needed.

According to experts, we must focus now on maintaining and even increasing gas supply in the country from domestic production - boosting investment through an adequate legislative framework, particularly in view of the recent public call for tenders published by the National Agency for Mineral Resources (NAMR). Through the

The study conducted by Emerton, having as topic **'Recommendations for a competitive, attractive and affordable Romanian gas market'**, includes several actions aiming at boosting the liquidity of the wholesale market and improving the security of supply: cancellation of the price cap as soon as possible; adaptation of the current centralized market obligations (CMO); enhancing the inter-connections with the EU market in both senses.

Examples of gas release schemes introduced in Europe

Volumes involved and their share¹ compared to national gas demand



1. Share of the domestic gas demand calculated according to the level of the demand when the gas release programs have been introduced
Source: EFET, Eurostat, CRE, BP statistical review, Emerton analysis

Source: EMERTON



Advancing the Energy Transition

Global spending on energy, as proportion of economic output, is set to slow sharply because the world's energy demand will decline from 2035 onwards according to DNV GL's Energy Transition Outlook 2018.

The decarbonization of the energy mix will be reflected in investment trends with money spent on renewables set to triple by 2050. Conversely, fossil fuel spending will drop by around a third. Overall, the rate of energy expenditure will slow to such a degree that by mid-century, as a percentage of GDP, the world will be spending 44% less than today.

gas will become largest single source from 2026. Renewables and fossil fuels will equally share supply by mid-century.

The rapid transition experts forecast will not be fast enough to meet the sub-2°C climate goal. A strong combination of several measures is the only way for the world to meet the ambitions of the Paris Agreement, they warn.

Major topics in focus

- Defining Romania's place on the European energy market
- Efficient monetization of Romania's energy resources
- Renewable energy policies and markets in the European Union
- Clean Energy Package challenges and opportunities
- The disruptive 3D's impact on the energy transition to a low carbon economy
- Smart solutions to maximize efficiency, reduce costs and CO2 emissions
- Regulatory framework to stimulate innovation and investment
- Financing energy projects

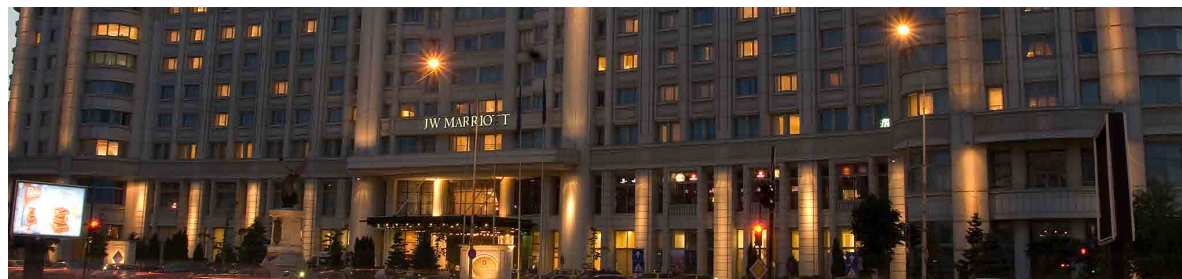
- Electrification and its inherent efficiency will contribute to humanity's energy demand declining from the mid-2030s onwards.
- Global expenditure on energy, as a percentage of GDP, will fall 44% by 2050.
- Energy mix is rapidly decarbonizing; coal has peaked, oil will peak in 2023 and natural



2019 POWER & ENERGY TECH | EXHIBITION AND CONFERENCE Black Sea Region VISION 2030

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JW Marriott Bucharest Grand Hotel
Bucharest, Romania



VENUE

JW Marriott Bucharest Grand Hotel
Calea 13 Septembrie 90,
050726 Bucharest, Romania
Tel: +40 21 403 0000

DISCOUNT ACCOMMODATIONS

Your conference registration does not include accommodation. A limited number of rooms have been reserved for the conference attendees at the JW Marriott Bucharest Grand Hotel at the preferential rate of €209.00 (inclusive of VAT). Please note that these discounted rates will apply for the nights of December 2 and 3, 2019 only. These rates will be honored until October 25, 2019 and are subject to availability.

REGISTRATION FEE*

Standard Commercial Rate	€ 400 + VAT
Energy Industry Review Subscriber Rate	€ 300 + VAT
Group Rate per person (for groups of 3 or more delegates)	€350 + VAT

BOOK NOW OR REQUEST A REGISTRATION FORM

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The conference registration fee is payable in advance and includes documentation, coffee breaks, luncheon, dinner and refreshments. Discount offers cannot be combined unless otherwise stated by Industry Media Vector. Romanian VAT charged at 19%. VAT registration number RO24187063

Supporting Organizations





COCKTAIL SPONSOR € 1500

- Free participation for (2) two delegates
- Inclusion of logo in (8) eight e-news blasts
- Company name recognition as "Cocktail Sponsor" in digital programme
- Company name recognition in sponsors section of website as "Cocktail Sponsor"
- Logo on promotional conference materials
- Banner ups display in the dinner room
- As sponsor of the Cocktail you will have the opportunity to address the attendees during the evening.

EXHIBITION PACKAGE € 700

A manned stand where you can showcase and demonstrate your products.

- Exhibition space (2x2 m): display table with two chairs
- Promotional items display, corporate literature display
- AC options
- Banner up display
- Company logo on the official conference website (with hyperlink)

COFFEE BREAK SPONSOR € 500

- Company name recognition as "Coffee Break Sponsor" in digital programme
- Banner up display in the coffee break room
- Company logo on the official conference website (with hyperlink)
- Promotional material/corporate literature on the coffee break tables

GOLD SPONSOR € 3500

- Inclusion of logo in (8) eight e-news blasts
- Free participation for (4) four delegates
- One presentation in any session of the conference
- Promotional material/corporate literature on the conference tables
- Premium exhibit space (3x3 m)
- Company logo on the main stage backdrop
- Company logo on promotional conference materials
- Company logo on the official conference website (with hyperlink)
- Company logo on the delegate badge
- Banner up display in the conference hall
- One full page Advert in Energy Industry Review

SILVER SPONSOR € 2500

- Inclusion of logo in (8) eight e-news blasts
- Free participation for (2) two delegates
- One presentation in any session of the conference
- Promotional material/corporate literature on the conference tables
- Company logo on the main stage backdrop
- Company logo on promotional conference materials
- Company logo on the official conference website (with hyperlink)
- Banner up display in the conference hall

LUNCH HOST SPONSOR € 1000

- Free participation for (2) two delegates
- Inclusion of logo in (8) eight e-news blasts
- Company name recognition as "Lunch Host Sponsor" in digital programme
- Company name recognition in sponsors section of website as "Lunch Host Sponsor"
- Logo on promotional conference materials
- Banner ups display in the dinner room
- As sponsor of the Lunch you will have the opportunity to address the attendees during the lunch time.