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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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## 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.

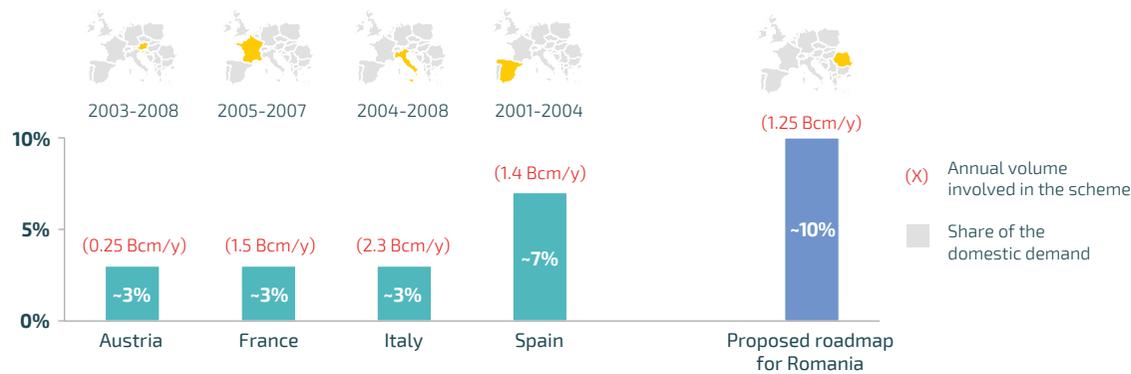
The study conducted by Emerton, having as topic '**Recommendations for a competitive, attractive and affordable Romanian gas market**', includes several actions aiming at boosting the liquidity of the wholesale market and improving the security of supply: cancellation of the price cap as soon as possible;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

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

## Examples of gas release schemes introduced in Europe

### Volumes involved and their share<sup>1</sup> compared to national gas demand



- Several volume release schemes have been introduced in the EU gas markets during the 2000-2010s
- The volumes involved usually cover a small share of the domestic gas demand (3%-7%)
- The volume proposed in the Roadmap covers a higher share of the Romanian gas demand compared to most of the programs previously introduced in Europe

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



## 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



# 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

## DAY 1 - MONDAY, 2 DECEMBER 2019

18:00-20:30 Networking Cocktail Including Welcome Remarks - **Sponsorship Available**

Romanian Ministry of Energy Representative  
NAMR Representative  
ANRE Representative

## 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**

- New investment to unlock the onshore hydrocarbon potential over the coming years
- Offshore gas projects – Surmounting the high risk of a ‘wait-and-see’ approach
- Driving new production & Increasing efficiency from Oil & Gas assets
- Securing SEE future energy supply - Connecting production to markets
- Supporting renewable energy projects: How to better encourage, regulate and finance
- Filling the gaps in the flow of renewable energy

10:15-10:45 Networking Coffee - **Sponsorship Available**

9:00-10:15 **SESSION 2**  
**State-of-the-art Technologies Transforming the Energy Lifecycle**

- Solutions for the changes impacting each part of the value-added energy chain: sources, conversion, distribution, storage, usage
- Energy-saving programmes to drive business growth
- Investing in innovation – Disruptive technologies rewriting the energy landscape
- Capitalising on the latest advances in production, processing, power generation and mobility
- Workforce of the future - Digital tools to improve productivity and HSE
- Next generation of energy systems to revolutionize the way we produce, transmit, and consume energy

12:00-12:30 Networking Coffee - **Sponsorship Available**

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

- New energy saving projects - Production cost reduction, CAPEX, emissions, pay-back
- Implementing efficient technologies with less environmental impact
- Improving flared and vented gas vs. gas production ratio
- Next generation power connectivity: Balancing large-scale utility infrastructure with distributed power and the advent of the prosumer
- Opportunities all along the value chain for the utility of the future
- Digitalizing power networks to improve efficiencies

13:45-14:00 Networking Coffee - **Sponsorship Available**

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

- Changes in the energy market – Generation, transmission, distribution, metering, sales
- Delivering a sustainable, clean & affordable fuel mix: Understanding the critical role CCS technology can play in benefiting coal
- New smart grid technologies
- Energy optimization all along the value chain
- New paradigm for utilities - Responding to current demands of prosumers
- Natural gas & renewables as a means to improve quality of life and reduce CO2 emissions

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



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**Black Sea Region**  
*VISION 2030*

**2-3 December 2019**

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<br>(for groups of 3 or more delegates) | €350 + VAT  |

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\*Discount rates are also available for academic and non-profit organizations. These rates are not available online, to find out more or to apply please email [marius@energyindustryreview.com](mailto:marius@energyindustryreview.com) or call +44 (0) 749 220 636. 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



### 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.