

Powered by **ENERGY**
INDUSTRY REVIEW

Under the
Patronage of the



MINISTERUL ENERGIEI

In Partnership
with



ANRMPSG

ENERGY TECH DAY 2025

**A PRAGMATIC APPROACH TO COMBINE
FOSSIL FUELS WITH RENEWABLES**

Transition Towards Neutral Romania in 2050

**Energy Security ▪ Clean Energy ▪ Energy Efficiency ▪ Affordability and Economic
Competitiveness ▪ Efficient Markets ▪ Innovation and Digitalization**



APRIL 16TH



JW MARRIOTT BUCHAREST GRAND HOTEL

The Romania's leading energy technology event & networking platform **Energy Tech Day (ETD) - A Pragmatic Approach to Combine Fossil Fuels with Renewables** will take place on April 16, at JW Marriott Bucharest Grand Hotel.

This 6th edition of the ETD focuses on the newest pragmatic and sustainable approaches for decarbonization of the energy sector through business models that promote clean energy, novel technologies and concepts, digital tools, and available mechanisms.

With a dedicated technical programme, this high-level conference also sets the scene for energy experts to share their perspectives, inspiring presentations, and alternative viewpoints.

Global power mix by 2050

While the future energy mix has many potential outcomes, all credible scenarios require the full suite of energy sources to meet projected global demand.

Despite the real need to reduce carbon emissions to protect the environment, the era of fossil fuels - and natural gas in particular - is far from over. A lot of experts predict that fossil fuels will continue to dominate energy use through to 2050. But clean technologies - like wind and solar - will also grow four-to-five times faster than other power sources over the same period.

According to ExxonMobil outlook, oil and natural gas remain the largest energy sources, while lower-carbon energy will meet more of the world's needs. The biggest shift will be the rise of renewables and the decline in coal.

During the energy transition, traditional fossil fuels and renewables may work in harmony. New technologies that allow hydrocarbons and renewables to work in tandem, meeting increased demand while reducing emissions, could be the solution for a sustainable future.

PARTNERS



COMOTI
ROMANIAN RESEARCH &
DEVELOPMENT INSTITUTE FOR
GAS TURBINES



TRANSITION PARTNER



REGISTRATION PARTNER



COFFEE BREAK SPONSORS



Neutral Romania in 2050

Natural gas and renewables are driving the growth of the Romanian energy sector, alongside innovative nuclear and hydrogen potential.

Without denying the need of further investment in the extension and modernisation of the electricity distribution network as well as continued investment in renewables, natural gas is undoubtedly a strategic priority for Europe and specifically for Romania.

Romania has a National Energy Strategy, adopted by the Executive in November 2024 and for the first time sets clear directions for the development of the sector. There are six directions: energy security, clean energy, energy efficiency, affordability and economic competitiveness, efficient markets, innovation and digitalization.

Key topics

- Neutral Romania in 2050: Costs and benefits
- Complexities in the shift from traditional energy sources to renewables; Opportunities and government initiatives to enhance the transformative potential of this transition
- Deployment of low-carbon technologies like green hydrogen, nuclear, biofuels, carbon capture
- Tech advancements for a reliable energy supply with lower emissions, efficient budgets, and improved safety
- H2 and biomethane decarbonization potential of Romanian energy system
- Expansion and modernisation of the electricity grid
- Romania's roadmap to new nuclear
- Recent developments in energy storage: large-scale battery storage projects and technologies
- Offshore & onshore wind and solar power: Status of installed and proposed projects

Reasons to attend ETD 2025

Energy Tech Day 2025 brings together international professionals, national government authorities, clean energy leaders, investors, business owners, technology developers across the entire energy value chain to explore new opportunities and challenges on the path towards sustainability.

- Strategy & outlook presentations from important energy players
- Practical case studies & applications across the whole value chain, real-time operations, and advanced analytics
- Debates on new business models, emerging technologies, and culture change
- Hear from experts in technology, finance and regulatory issues
- Find collaborative opportunities & leverages within the energy sector
- Grow your business with a strategic partnership
- Showcasing your most valuable products and services

SUPPORTING PARTNERS



08:45 – 09:30 **Registration Partner**



08:45 – 09:30 **Welcome Coffee & Refreshments by**



9:30 - 10:00 **OPENING REMARKS**

10:00 - 11:15 **ENERGY SECURITY AND SUSTAINABILITY IN OIL & GAS SECTOR**

Improving the security of energy supply while speeding the journey to net-zero • Transition to low carbon industry, responsible operations, innovation & digitalization • Strategies and innovative business models to achieve net zero operations by 2050 • Decarbonizing the national gas transport network • Mitigating climate changes: resilient hydrocarbons, operational safety and reliability • Role of natural gas storage in ensuring security of supply and promoting decarbonization • AI solutions for engineering to minimise the carbon footprint • Decreasing direct and indirect GHG emissions; Regular and transparent reporting • Developing lower carbon Black Sea gas reserves • Opportunities and challenges for CCS in Romania • New energy order in hydrocarbons and chemical conversion processes • Enhanced emissions management solutions

11:15 - 11:45 **Networking Coffee by**



11:45 - 13:00 **HYDROCARBONS AND RENEWABLES WORKING TOGETHER TO POWER THE FUTURE**

Power-to-X projects • Recovering flared gas from oil fields to supply gas to power generation plants • From traditional fuels to SAF, HVO and other next-generation biofuels • Battery Energy Storage System integrated with oil and gas drilling sites • Biomethane production in Romania gaining momentum • Exploring the potential of biogas combined heat and power • Potential applications of renewables in oil and gas • H2 - the new energy transition vector • Combining EPCC model for oil and gas and power generation projects • Tapping the potential of geothermal energy in Romania • Energy infrastructure and integration of alternative energy sources • Supply of power grids and the interaction between hydrocarbons and renewable energies • Decentralized power generation to address security of supply • Energy storage: Integration with conventional and renewable energy systems • Renewable gas for mobility • Sustainability trends in the chemical industry • Nuclear-renewable hybrid energy systems • Integrated electricity generation

13:00 – 13:30 **Networking Coffee** *Available for sponsorship*

13:30 – 14:45 **ENERGY TECH DAY TALKS**

New major challenges for the energy sector: What to expect in 2025 • Top energy industry trends and tech-driven solutions for a sustainable future • Important fiscal changes affecting energy industry and economy in Romania • Gas and electricity prices after liberalization and beyond; the capping-compensation scheme • Unpacking the sense behind Romania's energy laws and regulations 2025 • National fiscal policy responses to the energy crisis • Grid balancing market issues: Supply and demand • Policy and investment frameworks in place to drive deployment and scale up of technologies for deep decarbonization • Energy suppliers' challenges: Costs for supporting the delay in settlements • Workforce from the traditional energy sector making the move into the green energy sector

14:45 - 16:00 **Networking Lunch** *Available for sponsorship*

PARTNER € 3000

- Inclusion of logo in up to (6) six e-news blasts
- Free participation for (4) four delegates
- One presentation in any session of the conference
- Company name recognition as "Partner" in digital programme and on the event website
- Promotional material/corporate literature on the conference tables
- Company logo on the main stage backdrop
- Company logo on promotional printed conference materials
- Company Banner ups display in the conference area

**COFFEE BREAK
SPONSOR € 800**

- Free participation for (1) one delegate
- Company name recognition as "Coffee Break Sponsor" in digital programme and on the event website
- Banner up display in the coffee break room
- Promotional material/corporate literature on the coffee break tables

LUNCH SPONSOR € 2500

- Free participation for (2) two delegate
- One presentation in any session of the conference
- Inclusion of logo in up to (6) six e-news blasts
- Company name recognition as "Lunch Sponsor" in digital programme and on the event website
- Logo on promotional printed conference materials
- Company logo on the main stage backdrop
- Company Banner up display in the lunch area
- As Sponsor of the Lunch you will have the opportunity to address the attendees during the lunch time.

REGISTRATION FEE*3 Tickets
Bundle**€ 450 + VAT**Standard
Commercial
Rate**€ 290 + VAT**Energy
Industry Review
Subscriber Rate**€ 240 + VAT****FOR SPONSORSHIP OR REGISTRATION**

marius@energyindustryreview.com

+40 (0)749 220 636