



by
 energynomics.ro



THE FUTURE is already HERE!

Official report of 2019
Energy Strategy Summit



Since 2013, Wing Media Energy Consulting is the only full-service media agency that offers specialized consultancy services to energy companies operating both in and out of Romania's borders. Having been involved for a long-term and in various capacities within the energy sector in Romania, WMEC's founders decided to come and meet the needs of the energy sector private and public players, as well as NGO's, offering tailor-made elite business media products and services, addressed to the public and private decision-makers.

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energynomics.ro communication line is the most complex editorial project exclusively dedicated to the energy industry in Romania. It comprises the website, the printed Magazine, and the onw-concept events.

energynomics.ro is the sole on-line platform dedicated to the energy sector in Romania that serves both as a news channel and a business to business gateway. Updated hourly by our editors, energynomics.ro brings updated information for the industry by keeping you connected to news and changes in the economic, political and legislative environment. We come to meet the energy companies by identifying and presenting the most suitable and relevant business partners for them.

energynomics.ro Magazine is the publication for the Romanian energy industry. Our mission is to offer information, perspective, profiles and networking meetings to managers, specialists and engineers in the Romanian energy industry, as they strive to make profit in a monthly-changing business environment. energynomics.ro Magazine is printed in 1,000 copies every three months and individually delivered to the managers, experts and opinion leaders in the Romanian energy industry.

With our own-concept events - Energy Breakfast Club; Spring Cocktail; Energy Strategy Summit; Energy Efficiency; energynomics Awards - we act to consolidate the local energy community by easing communication between all public or private companies, public institutions, professional associations, independent experts and members of the academia.



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THE 2019 ENERGY STRATEGY SUMMIT OFFICIAL REPORT



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Inspiră poezii încă din 1862.

ACKNOWLEDGEMENTS

This Report was prepared and edited by the energynomics.ro editorial team, under the guidance of chief editor Gabriel Avăcăriței. Transcripts of the speeches delivered during the 2019 Energy Strategy Summit were used as basis, the debates occasioned by this event.

Wing Media Energy Consulting is grateful to **Romanian Ministry of Energy, the National Regulatory Authority for Energy - ANRE, and the National Agency for Mineral Resources - ANRM** for their strong support and for having actively participated in the 2019 Energy Strategy Summit.

RBSTA - the Romanian Black Sea Titleholders Association, ROPEPCA - the Romanian Petroleum Exploration and Production Companies Association, ACUE - the Federation of Associations of Energy Utility Companies, AFEER - the Association of Electricity Suppliers in Romania, ARPEE - the Romanian Association for the Promotion of Energy Efficiency and RWEA - the Romanian Wind Energy Association were among the business associations which provided support in organizing the Summit.

Last but not least, special thanks go to all present **Ministries, State Secretaries, speakers, moderators, official delegates and participants** to the 2019 Energy Strategy Summit for their valuable contributions and without whom this Report would simply not have existed.

Thank you for joining us on the 5th edition of Energy Strategy Summit! See you in 2020!



IT SEEMS TO ME THAT WE HAVE REACHED THE FUTURE, BUT WE ARE STILL TALKING ABOUT OLD PROJECTS. I THINK IT'S TIME TO LET EACH GENERATION BUILD THEIR OWN PROJECTS.

MIHAI BĂLAN, POLICY OFFICER, RWEA

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EXECUTIVE ABSTRACT – THE FUTURE IS ALREADY HERE!

We launched the 5th edition of the Energy Strategy Summit - “Mapping the Future!” - having in mind the implicit metaphor of a navigator discovering distant territories, with few clues but a bold vision, risking its own resources to replace the white spots in the knowledge of the world with information essential for us all. We strived to bring together such navigators, and intended to overlap their inevitably fragmentary and particular perspectives in order to draw a map of the future for the Romanian energy industry.

On June 11, once the last speeches were delivered, once the final conclusions were drawn, we found that the right metaphor is different - the puzzle game. The central idea is that the future is already here (Mihai Bălan, RWEA); almost all the elements we need to meet the challenges of tomorrow are already available. Technological solutions exist, produced by major global companies, a few clicks and only a few days away for competent integrators (Cristian Pîrvulescu, Enevo Grup). In many places, managers and their teams implement business sustainability strategies that take into account local realities and do not depend essentially on the structure or the origin of the shareholders (Ondrej Safar, CEZ România).

Strong guidelines

The outlines of the image to result once the puzzle has been completed are also known. Some are specific to the national energy industry as the benefits of a balanced mix of primary energy resources must be maintained (Elena Popescu, the Minister of Energy). Others are related to Romania's membership of the European Union: besides the interconnection and free markets, decarbonization is a tendency we cannot ignore; coal will have a slow-paced assisted dying (Adrian Șuta, Transelectrica), and the generation of energy based on renewable resources will increase, with less and less financial support from outside the market. Another category of tendencies influencing the design of the puzzle brings together a large cluster of sub-trends such as cloud computing, cyber security (Victor Gânsac, Safetech Innovations, talked about it), industry 4.0 etc. Digital transformation strengthens the role of consumers - through distributed generation (prosumers), demand-response and energy efficiency - and brings more flexibility, dynamism and relevance into the energy value chain. Adopting them is a continuous and incremental process by which companies' operational and financial performance are improved (Mihai Dârzan, Ringhel). For critical companies, the adoption of innovation must, however, be weighted by the risk that new technologies or computer systems can introduce (Mircea Modran, Electrica SA).

Missing parts

We still have no useful definition of vulnerable consumer (Anca Dragu, E.ON România), but we now have a clear understanding of the need for this mechanism, as well as a concrete proposal on how it might work (Franck Neel, FPPG). We need to update the legal framework so that financial instruments already tested elsewhere to be put to work also in Romania. Contracts for difference are an example and could be operational by the end of the year (Anton Anton, the Minister of Energy); the new National Investment Plan is another. Amending Law 123 could remove some of the barriers identified in concluding bilateral agreements - PPA (Martin Moise, PATRES), and by adopting the district heating law, the conditions for new investments in the cogeneration sector could also be created. After all, any new project depends on the extent to which the anticipated return on investment exceeds the profit opportunities that other types of placements allow in other jurisdictions (Saniya Melnicenco, ROPEPCA) or even locally, in other markets (Cosmin Ghiță, Nuclearelectrica). The banking sector is expecting major projects to support (Ramona Kurko, BCR), and a list of such projects is under construction, even if currently almost exclusively in the cogeneration area (Petre Stroe, MET România Energy; Constantin Văduva, SAPE SA, Argentina Tătaru, Romgaz).

There is a need for a new round of concession for new oil perimeters and this should be launched very soon (Florin Radu Ciocănelea, Romanian Government), but the success in attracting new investments is largely due to the general functioning framework of the O&G market, from access to technical and geological data, the reduced bureaucracy, the stability of legislation and more liquidity in centralized markets (Saniya Mendicancy, ROPEPCA). To the achievement of the latter will contribute both to the interconnection of natural gas networks as well as new volumes of onshore and offshore products. In addition, the natural gas storage capacity has to be increased (Dumitru Chiriță, ANRE). The largest natural gas producer in Romania, also the main storage capacity operator is ready for this (Argentina Tatar, Romgaz) even if the plans for the next years are far from the additional 3 billion cubic meters identified by the authorities. Compliance with investment plans (especially by Transgaz and Transelectrica is essential, and the example in the hydro sector can be a model, at least through the announced projects for the next years (Marian Bratu, Hidroelectrica).

The future depends on the new generations, who are heading the new technologies and trends. Trends are digitization and decarbonisation, but at the same time, beyond innovation, we should gather all our resources to innovate in these directions (Carmen Neagu, EnergoBit). Sustainable funding has passed from the concept phase to a large phenomenon, with hundreds of billions of euros allotted over the past year alone (Oana Mogoi, ING Bank).

The crucial element - a real and honest dialogue

In order for the recommendations from each sector to be used in shaping national strategies, there is a need for extra generosity on behalf of all stakeholders. We already have robust analyzes by credible consultants (among them Deloitte, EPG, Emerton, PwC, KPMG, Nera Economic Consulting and CMS etc.) for the renewable and oil and gas sectors, for the nuclear and coal sectors. The authorities demand that such analyzes take into account the national electro-energetic system as a whole (Elena Popescu, Ministry of Energy), and in some cases this is already happening (Mihai Balan, RWEA).

However, it all depends on the recovery of trust, seriously undermined by the sudden changes in legislation and regulation in recent years - the withdrawal of support for renewable energies (from 2013), how the offshore law and GEO 114 were adopted (2018) are just the most visible examples. Part of this exercise of transparency and trust is respecting the principles of corporate governance (Johan Meyer, Fondul Proprietatea); another element is participation in public consultations the good faith and extra ambition from the side of big state owned companies (Florin Radu Ciocănelea, Romanian Government).

Not vision is what we miss, but the light hearted engineer's persistence

At the 2019 Energy Strategy Summit, the authorities and the private sector met, in almost the same words, under the idea that Romania is blessed with abundant and varied natural resources (Anton Anton, Ministry of Energy, Johan Meyer, Fondul Proprietatea). Romania is well positioned to ensure the sustainability and independence of production, distribution and supply of energy for its own needs and it has the potential to develop these resources to become a key player on the European market. We also have the advantage of being able to put together a firm foundation of tradition with the opening to new technologies, the experience of seniors with the enthusiasm of young people.

Not the bold vision of a Christopher Columbus is what we need and also the benevolent encouragement of a new Queen Isabella would not help too much to bring us closer to an intangible future; what we need is the tonic meticulousity of the engineer who, side by side with the technologist, understands the overall picture and patiently places in their places all the pieces – cutting, lathing or welding them when needed, in order to obtain a functional mechanism.



1

STRONG GUIDELINES



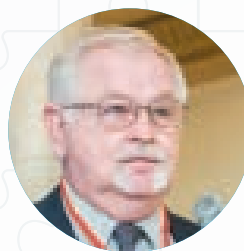
WE INTEND TO RESUME DIALOGUE WITH ENERGY COMPANIES, A DIALOGUE THAT I MUST ADMIT THAT, FROM THE POINT OF VIEW OF THE GOVERNMENT, IT WAS A BIT ... LEFT BEHIND. WE ARE ALWAYS OPEN TO YOUR DIALOGUE AND SUGGESTIONS, TO ANALYZE AND FIND THE WIN-WIN SOLUTION.

FLORIN CIOCĂNELEA, STATE COUNSELOR FOR ENERGY ISSUES, PRIME MINISTER'S OFFICE



ROMANIA CANNOT RELY ON A SINGLE SOURCE OF ENERGY TO SOLVE THE PROBLEM OF A STABLE ENERGY MIX AND MAINTAINING THE STABILITY OF THE NATIONAL ENERGY SYSTEM.

ELENA POPESCU, GENERAL MANAGER, MINISTRY OF ENERGY



ONE OF THE FUTURE PNI – THE NATIONAL INVESTMENT PLAN CLEAR DIRECTIONS FORESEES THE CONSTRUCTION OF COGENERATION PLANTS FOR LARGE CITIES, SUCH AS CONSTANȚA, TIMIȘOARA, CRAIOVA AND TURNU SEVERIN, AMONG OTHERS.

ANTON ANTON, ROMANIAN ENERGY MINISTER



ANRE HAS DEVELOPED AND WILL DEVELOP NEW REGULATIONS SO THAT COMPETITION, TRANSPARENCY AND NON-DISCRIMINATION WILL BE CONSIDERED IN THE FIELD OF ELECTRICITY AND GAS.

DUMITRU CHIRIȚĂ, PRESIDENT OF THE NATIONAL REGULATORY AUTHORITY FOR ENERGY – ANRE

WE ARE AT THE MOMENT WHEN WE HAVE NOT TO LIE OURSELVES ANYMORE. THE EUROPEAN AND HUMANKIND ORIENTATION IS TOWARDS DECARBONIZATION, WHICH MEANS FOSSIL FUELS' SHARE MUST BE REDUCED.

ELENA POPESCU, GENERAL MANAGER, MINISTRY OF ENERGY



BEYOND INNOVATION, WE SHOULD GATHER ALL OUR RESOURCES TO INNOVATE IN THESE DIRECTIONS: DIGITALIZATION AND DECARBONISATION.

CARMEN NEAGU, STRATEGY & BUSINESS DEVELOPMENT COUNSELOR, ENERGOBIT



LARGE COMPANIES HAVE TO ADOPT TECHNOLOGIES THAT HAVE ALREADY PROVEN THEIR VALUE AND EFFICIENCY BOTH AT THE LEVEL OF COMPANIES AND CONSUMERS

MIRCEA MODRAN, CHIEF INFORMATION OFFICER ELECTRICA SA



ING IS AMONG THE FIRST BANKS IN THE WORLD TO INCORPORATE IN THEIR FINANCING STRATEGY THE IDEA OF SUSTAINABLE FINANCING, WHICH HAS PASSED FROM THE CONCEPT STAGE TO A GROWING PHENOMENON.

OANA MOGOI, SECTOR HEAD OF UTILITIES & NATURAL RESOURCES ING BANK



THE FINANCIAL SYSTEM AND BANKS HAVE CONFIDENCE IN THE ROMANIAN ENERGY SYSTEM AND BCR DEMONSTRATES THIS BY HAVING AN EXPOSURE WORTH MORE THAN 750 MILLION EUROS TO THE SYSTEM.

RAMONA KURKO, HEAD OF ENERGY & UTILITIES, CORPORATE BANKING BCR



DIGITALIZATION IS AN EFFECT OF MARKET DEMAND, AN EFFECT OF THE NEED TO BE EFFICIENT, TO DO MORE AND BETTER THINGS IN SHORTER PERIODS OF TIME.

MIHAI DÂRZAN, CEO OF RINGHEL



ROMANIA HAS THE HUGE POTENTIAL TO BECOME THE FIRST GAS PRODUCER OF THE EUROPEAN UNION AND THE THIRD IN CONTINENTAL EUROPE – A UNIQUE POSITION, AS WE HAVE A GAS DECLINE PRODUCTION IN EUROPE.

**FRANCK NEEL, PRESIDENT
OIL AND GAS EMPLOYERS
FEDERATION – FPPG**



FOR AN ENERGY SUPPLY COMPANY, A BALANCED MIX MEANS USING BOTH RENEWABLE AND NATURAL RESOURCES THAT COME BACK POWERFULLY – NATURAL GAS. THUS, WE CAN DELIVER ENERGY AT A COMPETITIVE PRICE TO THE END CONSUMER.

**PETRE STROE, CEO OF MET
ROMANIA ENERGY**



THE FUTURE IS DIGITAL, AND FOR US IT MEANS PROSUMERS – CUSTOMERS PRODUCING AND STORING ELECTRICITY – BEING MORE INDEPENDENT; OUR ROLE WILL BE, ON THE SIDE OF THE DISTRIBUTION, TO ENABLE THIS PROCESS, TO BE PREPARED TECHNOLOGICALLY.

**ONDREJ SAFAR, COUNTRY
MANAGER CEZ ROMÂNIA**



HIDROELECTRICA MUST REMAIN IN THE AREA OF SYSTEM SERVICES, ESPECIALLY ON THE FAST TERTIARY RESERVE, TO KEEP THE SYSTEM IN OPERATION DURING THAT SIX-HOUR PERIOD WHEN YOU CAN PUT IN OTHER CAPACITIES OR IMPORT. IT IS THE MOST IMPORTANT ROLE OF A HYDROPOWER COMPANY.

**MARIAN BRATU, MEMBER OF THE
HIDROELECTRICA DIRECTORATE**



ONE ISSUE THAT SPECIFICALLY AFFECTS NUCLEAR INDUSTRY IS LONG-TERM PLANNING.

**COSMIN GHIȚĂ, CEO OF
NUCLEARELECTRICA**

2

MISSING PARTS



WE ARE CONTINUING TO TAKE STEPS TO CREATE A REAL TRADING PLATFORM, OPCOM, THAT WILL BE SEPARATED FROM TRANSELECTRICA AND WILL BECOME, THROUGH VARIOUS LEGAL PROCEDURES, A TRADING PLATFORM OR AN INSTITUTION VERY SIMILAR TO A STOCK EXCHANGE.

FLORIN CIOCĂNELEA, STATE COUNSELOR FOR ENERGY ISSUES, PRIME MINISTER'S OFFICE



ECONOMIC OPPORTUNITIES MOVE FROM THE IT DEVELOPMENT AREA TO APPLICATIONS – HERE WILL BE REAL BUSINESS OPPORTUNITIES IN THE NEXT 50 YEARS, TRANSFORMING IT TO RENEWABLE ENVIRONMENTAL TECHNOLOGIES, AS THOMAS L. FRIEDMAN LABELED THEM.

CRISTIAN PÎRVULESCU, CEO ENEVO GROUP



IN REAL TERMS, THE 27.9% SHARE FOR RES REPRESENTS AN INCREASE OF THE WIND AND PHOTOVOLTAIC INSTALLED CAPACITY. IT NOT ONLY MEANS MAINTAINING EXISTING CAPACITIES, BUT ALSO DEVELOPING NEW UNITS AND REFURBISHING EXISTING ONES.

ELENA POPESCU, GENERAL MANAGER, MINISTRY OF ENERGY



ROMANIA NEEDS A FUNCTIONAL GAS MARKET WITH SUFFICIENT QUANTITIES AND A BENCHMARK PRICE.

ANCA DRAGU, DEPUTY GENERAL MANAGER OF E.ON ROMANIA



IT IS TIME TO ENSURE GOOD CONDITIONS FOR A NEW FINANCIAL INFLUX THAT BRINGS A TRIPLE GAIN – FOR THE ECONOMY, THE INVESTORS AND FOR THE EMPLOYEES IN THE INDUSTRY

SANIYA MELNICENCO, PRESIDENT OF ROPEPCA



ROMANIA NEEDS STABLE LEGISLATION, GEO 114 MUST BE REPEALED, CORPORATE GOVERNANCE INSTATED.

JOHAN MEYER, CEO FRANKLIN TEMPLETON INVESTMENTS & FUND MANAGER, FONDUL PROPRIETATEA



WIND AND SOLAR ARE THE CHEAPEST GENERATION TECHNOLOGIES - WHY NOT GIVING THE CONSUMER ACCESS TO THEM?

MIHAI BĂLAN, POLICY OFFICER, RWEA



ROMANIA HAS A RELATIVELY BALANCED ENERGY MIX AND IT CAN COPE WITH MOST OF THE SITUATIONS.

ANTON ANTON, ROMANIAN ENERGY MINISTER



CONSUMER EDUCATION IS THE ONLY COMPONENT THAT IS NOT SUSTAINED ENOUGH. THE CONSUMER REACTION IS PARTICULARLY WEAK AND A POORLY EDUCATED CONSUMER CANNOT CREATE THE PREMISE OF A MATURE MARKET.

PETRE STROE, CEO OF MET ROMANIA ENERGY



WASTE TO ENERGY IS A SOLUTION AND A VERY IMPORTANT RESOURCE THAT WE DO NOT USE TODAY.

CARMEN NEAGU, STRATEGY & BUSINESS DEVELOPMENT COUNSELOR, ENERGOBIT



FOR
NUCLEARELECTRICA,
PREDICTABILITY
MEANS PRIMARILY
STABILITY,
COHERENCE
AND STRATEGIC
CONTINUITY, WHICH
REDUCES EXPOSURE
TO RISK.

**COSMIN GHIȚĂ, CEO OF
NUCLEARELECTRICA**



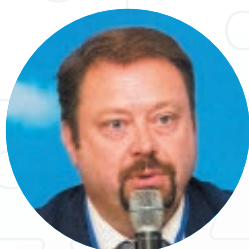
THE FIRST
SOLUTION WOULD
BE TO WORK ON
A DECLASSIFIED,
MORE
DEMOCRATIZED,
BETTER-
ESTABLISHED DATA
REGIME. THEN
WE SHOULD VERY
CLEARLY ADDRESS
THE ISSUE OF LAND
ACCESS.

**SANIYA MELNICENCO,
PRESIDENT OF ROPEPCA**



IT IS IMPORTANT
TO INVEST IN NEW
CAPACITIES, BASED
ON LOW CARBON
TECHNOLOGIES.
IN ADDITION,
WE NEED
INVESTMENT IN
INFRASTRUCTURE,
GRIDS, BALANCING,
STORAGE, SMART
GRID CAPABILITIES,
INTERCONNECTION
WITH MARKETS
IN THE REGION
INCLUDED. THERE
IS A NEED FOR
INVESTMENT
ACROSS THE
ENERGY VALUE
CHAIN, BUT WE
ALSO NEED TO TAKE
INTO ACCOUNT
THE CONSUMER
SUPPORTABILITY.

**ELENA POPESCU, GENERAL
MANAGER, MINISTRY OF
ENERGY**



THE MARKET OBLIGATIONS
(CMOS) AS OF TODAY DON'T
WORK. WE DO NOT HAVE
ENOUGH LIQUIDITY IN THE
MARKET, THERE IS NOT
ENOUGH VISIBILITY FOR THE
SUPPLIERS. WE RECOMMEND
A CHANGE – A PACKAGE
OF MEASURES TO CREATE A
TRANSPARENT, LIQUID, NON-
DISCRIMINATORY MARKET, AS
THE REGULATOR IS WISHING
FOR, AND THAT'S WHAT WE ARE
PUSHING FOR.

**FRANCK NEEL, PRESIDENT OIL AND GAS
EMPLOYERS FEDERATION – FPPG**



3

REAL DIALOGUE



LET'S SEE WHAT WE CAN DO TO MAINTAIN A DIVERSIFIED AND BALANCED ENERGY MIX, ON THE WAY TO DECARBONIZATION, CAPABLE TO ENSURE THE SECURITY OF SUPPLY AND THE EFFICIENT USE OF DOMESTIC ENERGY RESOURCES. I WOULD LIKE REPRESENTATIVES OF THE DIFFERENT SECTORS TO THINK ABOUT THE CHALLENGES OF THE TRANSITION TO DECARBONIZATION FROM THE PERSPECTIVE OF THE ENERGY SYSTEM AS A WHOLE, HAVING IN MIND ITS STABILITY AND THE AFFORDABILITY OF THE END-USER'S BILL.

**ELENA POPESCU, GENERAL
MANAGER, MINISTRY OF ENERGY**



WE'LL HAVE TO FIND STRATEGIC PARTNERS. THE SMALLEST PRICE IS NOT A VERY GOOD SOLUTION. WE ARE ALREADY THINKING AND MAKING A DECISION ON HOW TO ACQUIRE THESE UPGRADES AND REFURBISHMENTS. WE HAVE A BUSINESS PLAN AND A LONG-TERM INVESTMENT STRATEGY.

**MARIAN BRATU, MEMBER OF THE HIDROELECTRICA
DIRECTORATE**



ROMANIA COULD BECOME AN EXTREMELY ATTRACTIVE DESTINATION FOR FOREIGN INVESTMENTS, IF IT REPEALS GEO 114 AND IMPLEMENT A PROPER CORPORATE GOVERNANCE. PROPER CORPORATE GOVERNANCE STANDARDS ENSURE THAT INVESTORS HAVE SUFFICIENT TRANSPARENCY AND PREDICTABILITY IN THE WAY THAT THE COMPANIES, STATE OF PRIVATE, WILL BE MANAGED OVER THE LONG TERM.

**JOHAN MEYER, CEO FRANKLIN TEMPLETON
INVESTMENTS & FUND MANAGER, FONDUL
PROPRIETATEA**

IT IS TIME TO SIT DOWN AT THE TABLE –
AUTHORITIES, CIVIL SOCIETY, PRODUCERS,
DISTRIBUTORS, SUPPLIERS, AND CREATE A
SUSTAINABLE MARKET THAT CAN DEVELOP AND
OPERATE ON THE BASIS OF MECHANISMS SO AS TO
AVOID NEW GOVERNMENT ABRUPT INTERVENTIONS



ANCA DRAGU, DEPUTY GENERAL MANAGER OF E.ON ROMANIA



THE CHALLENGE FOR THE
FUTURE IS THE WORKFORCE,
THUS WHEN IT COMES TO
OUR COMPANIES, IS VERY
IMPORTANT TO KEEP A
GOOD DIALOGUE WITH
OUR EMPLOYEES, IS VERY
IMPORTANT TO HAVE
EDUCATED PARTNERS WHEN IT
COMES TO SOCIAL DIALOGUE.

**ONDREJ SAFAR, COUNTRY MANAGER CEE
ROMÂNIA**



FOR THE ENERGY TRANSITION TO
SUCCEED, IT IS NECESSARY TO
ADDRESS NOT ONLY THE MINDS,
BUT ALSO THE HEARTS OF THE
PEOPLE – ESPECIALLY IN SOME
AREAS [LIKE THE COAL REGIONS]
THAT HAVE BEEN, FOR 40-50
YEARS, THE BACKBONE OF THE
ROMANIAN ENERGY SECTOR AND
OF THE INDUSTRIALIZATION IN
ROMANIA.

MIHAI BĂLAN, POLICY OFFICER, RWEA



WE ARE IN A SITUATION WHERE WE HAVE THE NEXT
DAY MARKET, THE MARKET AND THE BALANCING
MARKET – WHICH IS THE RESPONSIBILITY OF
TRANSGAZ. BUT ALL THESE REGULATIONS ARE
NOT ENOUGH TO HAVE A FUNCTIONING MARKET.
FOR THINGS TO BE COMPLETED IN OPTIMAL
CONDITIONS, I BELIEVE THAT THE GAS STORAGE
CAPACITY HAS TO BE INCREASED BY AT LEAST 3
BILLION CUBIC METERS.

**DUMITRU CHIRIȚĂ, PRESIDENT OF THE NATIONAL REGULATORY
AUTHORITY FOR ENERGY – ANRE**



4

NOT VISION, BUT PERSISTENCE



IT IS TIME TO SHOW SOME AMBITION AT THE STATE LEVEL; WE AS AN INDUSTRY CERTAINLY HAVE AMBITION. IT SEEMS TO ME THAT WE HAVE REACHED THE FUTURE, BUT WE ARE STILL TALKING ABOUT OLD PROJECTS. I THINK IT'S TIME TO LET EACH GENERATION BUILD THEIR OWN PROJECTS.

**MIHAI BĂLAN, POLICY OFFICER,
RWEA**



FROM THE POINT OF VIEW OF THE ADEQUACY OF ROMANIA'S ENERGY SYSTEM, THE TRANSITION TO A LOW OR ZERO EMISSIONS ECONOMY MUST BE PLANNED VERY, VERY WELL.

**ADRIAN ȘUȚA, DIRECTOR OF THE RELATIONS
WITH REGULATORY AUTHORITIES OF THE
TRANSELECTRICA**



IT IS VERY DIFFICULT TO TALK ABOUT TECHNOLOGICAL DEVELOPMENT WHEN TAKING THE LOWEST PRICE AS A CRITERION.

**CRISTIAN PÎRVULESCU, CEO ENEVO
GROUP**



WE ANTICIPATE THE INCREASE IN GENERATION CAPACITY AND WE WILL MAKE THE NECESSARY INVESTMENTS. WE ARE CONSIDERING INVESTMENT MEASURES THAT WILL CREATE A TAKE OVER CAPACITY FOR BOTH NUCLEAR POWER, PLANNED FOR TWO NEW NUCLEAR REACTORS OF 700 MW EACH, AND FOR THE NEW RENEWABLE ENERGY CAPACITIES.

**ADRIAN ȘUȚA, DIRECTOR OF THE RELATIONS WITH REGULATORY
AUTHORITIES OF THE TRANSELECTRICA**

ING SUPPORTS ITS CUSTOMERS IN MIGRATING TOWARDS A CIRCULAR ECONOMY AND A LOW-EMISSION WORLD BY PROVIDING INNOVATIVE GREEN CREDIT PRODUCTS FOR PROJECTS AND INITIATIVES FOR SUSTAINABLE DEVELOPMENT.

OANA MOGOI, SECTOR HEAD OF UTILITIES & NATURAL RESOURCES ING BANK



WE ARE READY TO LISTEN TO YOUR PROBLEMS AND TRY TO SOLVE THEM. [...] I WOULD SAY EVERYONE WANTS A PERFECT WORLD FOR THEMSELVES. WE HAVE TO FIND A PERFECT WORLD FOR BOTH THE GOVERNMENT AND THE COMPANIES.

FLORIN CIOCĂNELEA, STATE COUNSELOR FOR ENERGY ISSUES, PRIME MINISTER'S OFFICE



THINGS ARE EVOLVING WITH ASTONISHING SPEED IN TERMS OF SUSTAINABILITY AND PREDICTABILITY

PETRE STROE, CEO OF MET ROMANIA ENERGY



WE NEED TO PRODUCE ENERGY, NOT TO BECOME ENERGY-INDEPENDENT, BUT TO HAVE A SAFE COUNTRY THAT WILL ENSURE STABILITY IN THE REGION.

ANTON ANTON, ROMANIAN ENERGY MINISTER



I WANT TO ASSURE YOU THAT WE WILL BE AVAILABLE FOR DIALOGUE WITH ALL INTERESTED OPERATORS IN WHAT IT MEANS TO ISSUE REGULATIONS AND, TOGETHER WITH THE GOVERNMENT AND THE PARLIAMENT, TO CORRECT THE LEGISLATION SO AS TO CREATE [GOOD] CONDITIONS FOR THE SECTORS THAT YOU REPRESENT.

DUMITRU CHIRIȚĂ, PRESIDENT OF THE NATIONAL REGULATORY AUTHORITY FOR ENERGY – ANRE



Here are some of the +100 relevant organizations which enjoyed the 5th edition of Energy Strategy Summit

ABB, ACUE, adevarul.ro, AFEER, AFM, Agerpres, AHK-Romania, AIIR, Alpha Bank, Embassy of Canada, Embassy of Spain, US Embassy, Embassy of Hungary, ANRE, ANRM, AON, Automobile Bavaria, BCR, Box2M, BRD, ASE, Bulrom Gas, CCIR, Center for Nonprofit Legislation, CEZ Romania, Romania Club, CMS, CNR-CME, Concord, Conpet, Competition Council, Consilium Policy Advisors Group, Dietsmann Romania, E.On Romania, EDPR Romania, EFdeN, Elawan Energy, Elcen, Electrica SA, Emerson Automation Solutions, e-nergia.ro, EnergoBit, Energy Distribution Services, Energy Expert, Enevo Group, ENGIE Romania, Ernst & Young Support Services, Eximprod, ExxonMobil, Federatia Patronala Petrol si Gaze – FPPG, Focus Energetic, Fondul Proprietatea, For MORE Group of Companies, Franklin Templeton Investments, Gasoland, Golin, The Government of Romania, Hidroelectrica, Horváth & Partners Management Consulting SRL, ING, Innovation Norway, InvesTenergy, K Factory, Kawasaki, Matei Conf Grup, Mazarine Energy, Mediafax, Mega Company, MET Romania Energy, MGM Energy Electro Systems, the Ministry of Energy, Monitorul de petrol și gaze, Monsson, News.ro, Nuclearelectrica, OMV Petrom, Paicu and Sons, PATRES, Petrotel Lukoil, Phoenix Contact, Photon Energy, RBSTA, RED Royal Expert Design, Ringhel, Rohrer GRP, Romelectro, Romgaz, ROPEPCA, RWEA, Safetech Innovations, SAPE, Schneider Electric, Serban & Musneci Associates, SIER-Tineret, Sigtree, STEAG Energie Romani, Stratum Enclosures, Technical Services Group - TSG Romania, The Oxford Institute for Energy Studies, Tractebel Engineering, Transelectrica, Transgaz, Transilvania Business, Tuca, Zbarcea and Associates, Univers Ingineresc (AGIR), Vimetco, We Translate.

AGENDA

KEYNOTE SPEECH **Florin-Radu Ciocănelea**, State Counsellor on energy matters, Prime Minister Cabinet

KEYNOTE SPEECH **Dumitru Chiriță**, President of the National Energy Regulatory Authority - ANRE

1st PLENARY PANEL Strategies for integration - Reaching across markets!

Franck Neel President FPPG

Saniya Melnicenco President ROPEPCA

Johan Meyer CEO Franklin Templeton Investments & Manager de fond, Fondul Proprietatea

Argentina Tătaru Director of Mediaș Subsidiary, Romgaz

Ramona Kurko Head of Energy&Utilities, Corporate Banking BCR

Julian Bowden Senior Visiting Research Fellow – The Oxford Institute for Energy Studies (moderator)

KEYNOTE SPEECH **Laurian Lungu** Co-Founder of Consilium Policy Advisors Group - CPAG

2nd PLENARY PANEL Strategy for sustainability – Strong on your feet!

Ondrej Safar Country Manager CEZ România

Anca Dragu Deputy Director General E.ON România

Oana Mogoi Sector Head - Utilities & Natural Resources ING Bank

Cosmin Ghiță CEO Nuclearelectrica

Petre Stroe CEO MET România Energy

Gabriel Avăcăriței Chief Editor energynomics.ro (moderator)

KEYNOTE SPEECH **Anton Anton** Minister of Energy

3rd PLENARY PANEL Strategy for technology - The future is here!

Marian Bratu Member in the Directorate of Hidroelectrica

Mircea Modran Chief Information Officer Electrica SA

Cristian Pîrvulescu CEO Enevo Group

Carmen Neagu Strategy & Business Development Counselor EnergoBit

Mihai Dârzan CEO Ringhel

Victor Gânsac CEO Safetech Innovations

Mihai Necula Business Development Manager, Elawan Energy (moderator)

4th PLENARY PANEL Strategy for Cooperation – Putting all resources at work!

Elena Popescu, General Director, the Ministry of Energy

Constantin Văduva President of Directorate, SAPE SA

Adrian Șuța Director of the Relations with Regulatory Authorities of the Transelectrica

Mihai Bălan Policy Officer RWEA

Martin Moise vicepresident The Association of Renewable Energy Producers in Romania – PATRES (moderator)