

WEC CENTRAL & EASTERN EUROPE
FOR REGIONAL ENERGY FORUM
N[®]
2026
18TH EDITION

**WORLD
ENERGY
COUNCIL**

**SECURE,
SUSTAINABLE
AND AFFORDABLE
ENERGY FOR
CENTRAL AND
EASTERN EUROPE**



**WORLD
ENERGY
COUNCIL** | **COMITETUL
NAȚIONAL ROMÂN**



MINISTRY OF ENERGY

**14-17
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2026**

**INTERNATIONAL
CONFERENCE
CENTER,
NEPTUN
ROMANIA**



Call for papers – draft V6, 30.04.2026



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World Energy Council - Romania (CNR-CME)

FOREN - WEC CENTRAL & EASTERN EUROPE REGIONAL ENERGY FORUM

There has already become a tradition for the Romanian National Committee of the World Energy Council (WEC/ RNC) to organize the biennial Regional Energy Forum (FOREN) ever since 1992.

Having reached its 18th edition, FOREN 2026 responds to a real need for analysing and debating on the status of the energy sectors in the Central and Southeast European region and identifying cooperation solutions in energy domain.

At this moment, the need seems to be even more acute as the challenges are growing and are becoming more demanding: During the last years, energy sectors of countries in the region faced many different challenges and the general landscape for development changed dramatically with effects on specific markets and energy consumers and the quality of life for populations of these countries. These also impacted the competitiveness of the whole region and increased the important effort that some of these economies must undertake in trying to get climate-neutral or – for others - to drastically reduce their carbon footprint. One can mention here the painful recovery after the global medical crisis, the spreading military conflicts and other geopolitical extended tensions with their effect of transforming energy into a political weapon, the need to reshape and improve the technologies, abnormal energy prices increase. We may add economic development affected by inflation felt all over the region, perturbation of essential materials supply chains, pressure to fulfil the requirements of energy transition, difficulties in energy accessibility, and many others.

Therefore, facing these challenges, a reasonable question could be raised: does the energy sector remain the support for economic development and a pillar of the stability for the long-term development? One possible hurdle would probably be explained in the situation of a shortage of energy resources, but this is not the case. The region has resources, both fossil and renewable, with the Black Sea continental platforms having a recognized potential. So, the question may be changed: what can be done to use them optimally? That means access to the best technologies and appropriate materials, innovative financing, proper regulation/deregulation, skilled staff in this key domain, well-functioning of the markets, and a stable geopolitical environment. All these can help countries in the region to answer to the combined requirements of Energy Trilemma, where its three challenges (stable energy supply, mitigation of its impact on environment, and affordability) have equal importance. Stable supply requests change of traditional routes, reshaping the energy mix, access to new technologies. Reduction of energy impact on environment is now under the imperative of energy transition to climate neutral energy sectors, and affordability is connected to the new position of consumers and their active role.

At all these, for the countries in the region, we must add a very important ingredient: cooperation. Without it, the opportunities cannot be used, and the impediments overpassed. Experience accumulated from the previous regional forums showed that to find the best solutions in this try there is a need for joint debate on common problems specific to this complex zone. In this respect, themes related to just energy transition in the region, how to adapt energy sectors to the new challenges, energy efficiency and smart consumption, use of an optimized fuel mix, new technologies, education of qualified energy staff, and many others will be discussed.

Taking into consideration this region's distinctive features versus the other parts of Europe, the participants will find in FOREN 2026 a good platform for information of specific problems and solutions, exchanges of experience and good practices among experts from the countries of the region, but also the business meeting opportunities needed in these special times.

TECHNICAL PAPER SESSIONS

TPS 1 EFFICIENCY IN ENERGY USE IN THE POWER SYSTEM

TERMS OF REFERENCE

- Efficiency in energy use as a basic element for depoluting up the energy system;
- Solutions for increasing energy efficiency in energy transmission systems;
- Solutions for increasing energy efficiency in energy distribution systems;
- Microgrids and energy communities;
- Active users (prosumers): energy efficiency vs. economic efficiency;
- Smart management of the energy system.

TPS 2 ENERGY PRODUCTION IN THE TRANSITION PHASE

TERMS OF REFERENCE

- Integration of weather-dependent wind sources into the energy system;
- Connecting solar sources to the distribution network;
- Electrical energy storage for compensating the variability of renewable sources;
- Solutions for increasing the share of renewable sources;
- Electrical inertia of the system in the presence of renewable sources;
- Smart coverage of the energy system load profile;
- Distributed sources and virtual power plants.

TPS 3 ENERGY RESOURCES AND THEIR EFFICIENT USE

TERMS OF REFERENCE

- Natural gas as a transitional fuel;
- Technical challenges in the oil and gas sector;
- Hydrogen as a resource for the energy of the future;
- Rational use of water for multiple purposes;
- The contribution of bioenergy and thermal sources to the energy system;
- Nuclear energy;
- Advances in the development of nuclear sources;
- Intelligent use of energy sources to cover the system's load profile.

TPS 4 MODERN STRUCTURES OF DISTRIBUTION SYSTEMS

TERMS OF REFERENCE

- Integration of renewable sources into the distribution network;
- Electric power quality in distribution systems;
- IT platforms for managing distribution systems;
- Smart use of energy storage systems;
- Performance indicators of distribution systems;
- Energy communities and their operation.



Oil & Gas



Clean Coal



Hydro



Nuclear



Renewable



Power
Grid



End
Users



New
Technologies



Energy
Accessibility



Disruptive
Innovative
Solutions



Environmental
Issues

KEY TOPICS FOR TECHNICAL PAPER SESSIONS

SUBMITTING PROCEDURE FOR PAPERS AND POSTERS

FOREN 2026 Organizing Committee is delighted to invite representatives from the World Energy Council, WEC MCs, WEC/RNC members and specialists from the national and international energy community, to submit papers for discussion and poster sessions, thus sharing their views with other participants and contributing to the technological development of the regional and European energy sector.

PAPER PREPARATION GUIDELINES

ABSTRACT

- In the abstract, the author(s) will specify the original aspects of the paper: personal achievements, original approach of a theme, a.s.o. The abstract (no more than 100 words) must be written in English and the paper original language, if it is other than English.
- The abstract will be written in Italics (10pts), centred left – right 1cm with Format – Paragraph.
- Keywords: words which are representative for the paper (11 pts).

INTRODUCTION

- The title, „Introduction”, will be numbered; it will be written in small characters (12 pts), bold.
- In the introduction to the paper, the author(s) will specify the present stage of the branch research (by quoting the adequate bibliography) and will specify the purpose of the paper.

PAPER CONTENTS

- The content of the paper must be written in English.
- The chapter titles will be numbered, if necessary, and will be written in small characters (12 pts), bold.
- The presentation will be clear and concise, and the symbols used therein will be specified in a symbol list (if necessary).
- In the paper it will be used the measurement units International System. No commercial or promotional papers are allowed to be published.

EQUATIONS

- The equations will be aligned to the right and written with the equation's editor; set size 12, 10, 7, 18, 12; style: italics variable, LC Greek, italics.

TABLES

- The table will be written in small characters (10 pts). The table title will be centred, bold and its name will be written in italics (10 pts), aligned to the right.

FIGURES

- The figures will be centred. The legend will be written with 10 pts characters.
- The figures will have a centred legend (10 pts).

CONCLUSIONS

- The paper will end with a conclusion paragraph in which the author (s) will specify the original results obtained and their possible applications (if any).
- The title „Conclusions” will be numbered, it will be written in small characters (12 pts), bold, centred.

REFERENCES

- The bibliography will respect the quotation within the text it will be numbered currently, and the text quotations will be made in square brackets, e.g. [1].
- In the bibliography the author(s) will make the following compulsory specifications: their first name initials and their family name, the title of the book, the printing house, the place and the year of the periodical in which it was published, the number (month), the volume (bold), the year, the paper first and last page. The author (s) first and family name will be written in italics (10 pts).
- The books and articles published in Romanian will be written in Romanian and translated in English between parentheses.
- Links to Internet websites are also accepted

POSTERS

- A Poster Session will also be an integral part of the Forum.
- Authors are invited to submit non-commercial posters on state-of-the-art technologies and on the most innovative projects in the energy and energy-related sectors. The Poster Session will be held in the Expo Area which will ensure high visibility for the accepted submissions.
- Posters must be submitted in MS Word format or PowerPoint format, in English.
- Posters should follow the guidelines given to the authors by e-mail or downloaded from the Forum website.
- Papers submitted for the poster session should contain a one-page executive summary outlining the objectives, scope, main results, and conclusions of the paper.

PUBLISHING AND INDEXING

- The papers submitted will be evaluated and selected by the members of the WEC/RNC Scientific Council and by FOREN Technical Program Committee.
- Some of the papers will be published in EMERG - Energy. Environment. Efficiency. Resources. Globalization, **SCOPUS Elsevier, EBSCO și Index Copernicus International indexed.**
- The WEC/RNC Secretariat will retain the copyright to all accepted papers and will authorize suitable reproduction upon request.
- The author that presents the paper will have a 15% discount of the participation fee. PhD students, that present the paper have a 50% discount of the participation fee. Also, retirees, universities, research institutes benefit from a 50% discount of the participation fee.

PRESENTER ATTENDANCE AT THE FORUM

- At least one author of an accepted paper or poster must be registered at FOREN 2026 and take part in the event to present the paper. After presentation of the paper and selection of the paper by the Scientific Council of the Romanian Energy Committee, the author will pay the publication fee.

IMPORTANT DEADLINES

▪ Paper and Poster Submission:	May 15, 2026
▪ Paper and Author Acceptance Notification:	May 29, 2026
▪ Registration for authors:	June 1, 2026

CONTACTS FOR SUBMITTING OF PAPERS AND POSTERS

- The Papers and Posters files for the WEC Central & Eastern Europe Energy Forum FOREN 2026 shall be submitted at papersforen@cnr-cme.ro.
- The Paper Submission Form and Copyright Transfer Form** must be filled, signed, and submitted by at papersforen@cnr-cme.ro.

** Paper Submission Form and Copyright Transfer Form can be downloaded from <https://www.foren.ro/>

*** For any other inquiries, please contact us at foren@cnr-cme.ro or secretariat@cnr-cme.ro

**WHAT WE EXPECT TO RECEIVE FROM YOU WHEN YOU REGISTER A
PAPER FOR THE TECHNICAL PAPER SESSIONS (TPS):**

- The article, in extenso, in the **agreed template** and in **editable form (Word)**;
- The **Copyright form**;
- The **Publication form**.