

**WEC CENTRAL AND EASTERN EUROPE REGIONAL ENERGY FORUM**

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# **CALL FOR PAPERS**

**WEC CENTRAL & EASTERN EUROPE  
REGIONAL ENERGY FORUM**

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**10-14 JUNE 2018**



**VOX MARIS GRAND RESORT**

**COSTINEȘTI**

**ROMANIA**

## WEC CENTRAL & EASTERN EUROPE REGIONAL ENERGY FORUM - 14<sup>th</sup> Edition - FOREN 2018 -

### Central And Eastern Europe in The New Era of Energy Transition: Challenges, Investment Opportunity and Technological Innovations

**10-14 June 2018**  
**Vox Maris Grand Resort, Costinești, Romania**

**Organized by the Romanian National Committee of the World Energy Council**  
With the coordination of the World Energy Council and with the support of WEC Member Committees in the Central and Eastern Europe

## Call for Papers and Posters

The WEC Central & Eastern Europe Energy Forum, organized every two years, is the most important regional event and exhibition hosted by the Romanian National Committee of the World Energy Council (WEC/RNC). It serves as a reference for energy specialists in Central and Eastern Europe. The Forum will be organized under the auspices of the Romanian Government, with the coordination by the World Energy Council and the kind support of the WEC Member Committees (WEC MCs) in Central and Eastern Europe.

The 14<sup>th</sup> Edition of the Forum - FOREN 2018, with the theme “**Central And Eastern Europe in The New Era of Energy Transition: Challenges, Investment Opportunity and Technological Innovations**”, will be held in Vox Maris Grand Resort, Costinești, Romania, during 10-14 June 2018. The event will focus on the main challenges, developments and opportunities of the CEE power industry for a sustainable development.

The Forum attracts top officials from ministers, governments, academia, energy leaders from national and European international companies, experts in energy and environment issues, representatives of mass-media.

The Programme of the Forum will include Keynote speeches from noteworthy policy makers and businessmen in the CEE region, Round Tables on the latest accomplishments in the energy field, Special Events, hundreds of technical papers presented within the five Discussion Sessions, technical visits and social events.

A main feature of the Technical Programme is the discussion sessions and poster session, during which the most provocative concepts will be presented, as follows:

### Discussion Sessions

#### **DS1.A National Policies and Objectives to meet EU Energy-Environment Policy Integration**

##### **Terms of Reference**

- ❖ Energy demand forecasts and scenarios 2050; Regional, European and global energy; perspective; National strategies;
- ❖ Energy and Environment Policies;
- ❖ Security of energy supply;
- ❖ Energy accessibility;
- ❖ European Energy Union – objectives and implementation.

#### **DS 1.B Safe and Sustainable Supply. Conventional and technological elements regarding the Renewable Sources. Financial Mechanisms.**

##### **Terms of Reference**

- ❖ Large European projects/common interest projects;
- ❖ Carbon pricing;
- ❖ Financial mechanisms;
- ❖ Storage; role of hydropower plants.

## **DS 2 Energy Markets. Market vs Planning. Transmission and Distribution Operators Role in Energy Market. Stability vs Flexibility**

### **Terms of Reference**

- ❖ Power System Management;
- ❖ Interconnectivity in the European market;
- ❖ Management of interconnected systems;
- ❖ Regional markets;
- ❖ Capacities market;
- ❖ Allocation of cross-border capacities;
- ❖ Communication infrastructure;
- ❖ Safety of data transfer systems;
- ❖ Integration of renewable sources in power system; limits; solutions;
- ❖ Ancillary services.

## **DS 3 Energy Efficiency, Renewable Energy Sources, New Trends and Issues**

### **Terms of Reference**

- ❖ Demand management;
- ❖ New technologies & instruments;
- ❖ Smart grid;
- ❖ Smart city;
- ❖ Green city;
- ❖ Electric vehicles;
- ❖ Hydro, wind and sun power.

## **DS 4.A Oil, Gas – Conventional and Unconventional**

### **Terms of Reference**

- ❖ Conventional and unconventional gas and oil;
- ❖ Resources and new exploration perimeters;
- ❖ Modern technologies and equipment;
- ❖ Storage;
- ❖ Transport infrastructure,
- ❖ Distribution;
- ❖ Development of LNG infrastructure;
- ❖ Pricing policy and global market;
- ❖ Environmental impact.

## **DS4.B Nuclear Energy**

### **Terms of Reference**

- ❖ New nuclear technologies for power plants;
- ❖ Nuclear waste storage and disposal;
- ❖ Preparation of nuclear fuel;
- ❖ Flexibility of nuclear power plants;
- ❖ Risk and nuclear safety.

## **DS5 Coal and clean coal technologies**

### **Terms of Reference**

- ❖ Clean coal technologies;
- ❖ Carbon capture and storage;
- ❖ Co-firing;
- ❖ Coal resources, mining, security;
- ❖ Modern methods of coal mining, environmental issues;
- ❖ Modern solutions for use of combustion products.

## **Key topics for discussion sessions**

Several key topics are proposed for each discussion session, meant to approach the following issues:

- Environmental issues;
- Energy security;
- Energy accessibility;
- Energy efficiency;
- Financial Mechanisms and pricing policies;
- New solutions in the energy field;
- Training of human resources.

## Submitting Procedure for Papers and Posters

FOREN 2018 Organizing Committee is delighted to invite representatives from the World Energy Council, WEC MCs, WEC/RNC members and other 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.

Selected papers will be delivered by the authors during the Forum and will be available on USB flash drives to be distributed to all participants.

## Paper Preparation Guidelines

### General

- ❖ Authors must submit only FULL PAPERS.
- ❖ The Paper must contain original material, never published before, which reflect special issues, addressed through finalized research and/or describe new technologies with safe implementation.
- ❖ The paper must be written in English (also in Romanian for the Romanian participants), in MS Word format, and must not exceed 15 pages in total length.
- ❖ The paper must include a self-contained one page Executive Summary outlining the aims, scope, core findings and conclusions of the paper. List 3-5 keywords by which the paper might be searched online or identified in indexes.
- ❖ Authors must specify whether their paper is to be submitted for Discussion Session or Poster Session
- ❖ The organisers reserve the right to select and include papers into the main discussion sessions and the poster presentations.

### Text Layout

- ❖ The Paper must be typed in single column format on international standard size A4 paper with margins of 2.54cm.
- ❖ The main text should be single-spaced and in 12pt Times New Roman font. Footnotes should appear in 9pt font.

### Structure (no more than 15 pages in total)

- ❖ **Cover (1 page):** *Title, authors, affiliations, Executive Summary, Keywords*

#### **Title, authors, affiliations**

- The author must clearly indicate who is responsible for correspondence at all stages of submission, selection and presentation, including post-presentation
- The following contact details must be provided for all co-authors: full postal address, email address, telephone and fax numbers (with country and area codes)

### **Executive Summary (1 page):** *Key Findings and takeaways, Keywords*

- ❖ The author must provide a self-contained one page Executive Summary outlining the aims, scope, core findings and conclusions of the paper.  
List 3-5 keywords by which the paper might be searched online or identified in indexes.
- ❖ **Main Text (no more than 10 pages)**  
All figures and tables should be embedded in the text in the location that they should appear and numbered consecutively and given a suitable caption. Footnotes should be indicated in the text by superscript numbers which run consecutively through the paper
- ❖ **Conclusions and Relevant Implications (1-2 pages)**
- ❖ **References**  
All publications cited in the text should be presented in a list of references following the text of the paper.
- ❖ **Appendix**  
Appendices should be avoided whenever possible and their content incorporated into the text. Where this is not feasible, they should appear at the end of the paper.

## Posters

- A Poster Session, featuring up to 80 poster presentations 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. Two halls in the Conference Center will be reserved for Posters which will ensure high visibility for the accepted submissions.
- Posters must be submitted in MS Word format, in English (also in Romanian for the Romanian participants).
- Posters should follow the guidelines given to the authors by e-mail or downloaded from the Forum website.
- The Papers submitted for the poster session a self-contained one page Executive Summary outlining the aims, scope, core findings and conclusions of the paper.

## Papers and posters selection

The papers will be selected by:

- The members of the WEC/ RNC Scientific Council, who will provide recommendation on accepting or rejecting the papers. These recommendations will be taken into account by the Selection Board.
- A Selection Board, made up by the co-organizers of the 5 discussion sessions, will make the final selection of the papers, taking into account the recommendations of the WEC/ RNC Scientific Council.

A 10% discount on the Forum fee will be offered to the authors of accepted papers (only the presenter, in case of joint papers), and a 50% discount for participants from CEE academic institutions and WEC member committees.

## Awarding prizes to the best 3 papers

- **The best 3 papers of each session** will be awarded in the Closing Ceremony;
- **A special prize will go to the best paper** of each session delivered **by the young energy professionals** (up to 35 years old)

## Selection criteria for FOREN 2018 Papers Awarding:

- Innovation and originality of the subject
- Credibility of the results
- Technical and scientific level and applicability in the energy sector
- Authors' professional experience
- Interest in the national energy system
- Practical implementation

## 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 .

The accepted papers will be published in the Forum Proceedings (with ISSN), in electronic format (USB Flash Drive, provided in the delegate bag) and also on the Forum website [www.cnr-cme.ro/foren2018](http://www.cnr-cme.ro/foren2018) (post-event). The Forum Proceedings will be BDI indexed.

The WEC/RNC Secretariat will retain the copyright to all accepted papers and will authorize suitable reproduction upon request.

### IMPORTANT NOTICE

The papers in English, with a high degree of novelty and a great scientific value, will be selected for publication in specialized journals: ISI indexed – as AECE - Advances in Electrical and Computer Engineering, University "Stefan cel Mare" Suceava) or BDI indexed - as EEA Journal (Publisher Electra, ICPE), AGIR Bulletin, Journal of Sustainable Energy (University of Oradea, Faculty of Energy) and others (TBC). *Upon notification of acceptance for publication in these journals, the author must submit the paper accordingly the specifications and templates on the websites of these journals.*

## Presenter attendance at the Forum

At least one author of an accepted paper or poster must register for the Forum, pay the appropriate fee and attend the Forum to present the paper or poster. **Forum papers will not be released for publication in the proceedings unless the fee is paid.** One registration fee can cover up to 2 papers / posters only.

## Important Dates

- ▶ **Paper and Poster Submission Opens:** 15 August 2017
- ▶ **Paper and Poster Submission Deadline:** 31 January 2018
- ▶ **Selected Papers Notification:** 31 March 2018
- ▶ **Registration Deadline for authors:** 30 April 2018
- ▶ **Early Registration Deadline for participants:** 30 April 2018
- ▶ **Presentation at the Forum:** 10-14 June 2018

## Contacts for Submitting of Papers and Posters

The Papers and Posters for the WEC Central & Eastern Europe Energy Forum FOREN 2018 must be submitted by one of the following ways:

- by e-mail at the following address: [foren2018@cnr-cme.ro](mailto:foren2018@cnr-cme.ro); [foren2018@gmail.com](mailto:foren2018@gmail.com)
- on CD-ROM or USB Flash Drive by mail or directly to the WEC/ RNC headquarters (address below).

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