2016 Istanbul Congress Call for Papers

The Istanbul Organizing Committee and the World Energy Council are pleased to invite authors to submit papers for the 23rd World Energy Congress. Your active involvement in this Call for Papers provides an excellent opportunity to contribute to the development of the global energy community.

All of the selected papers will be presented at the Congress' dedicated expert forum and distributed to all delegates on USB flash drives.

Prizes will be awarded for the best papers – further details to be announced shortly.

Important Dates

- Paper Submission Opens: 1 October 2015
- Paper Submission Deadline: 28 February 2016
- Selected Papers Notification: 15 May 2016
- Award Winners Notification: 1 July 2016
- Presentation at the Congress:10-13 October 2016

Paper Topic Categories

Authors are invited to provide their insight on a theme relating to WEC's four main Activity Areas:

- World Energy Scenarios
- World Energy Resources and Technologies
- World Energy Trilemma
- Financing Resilient Energy Infrastructure

See the Appendix for specific details on the above topics.

Paper Preparation Guidelines

- General
- The paper must be substantially different from any published work.
- The paper cannot be under review for any other conference or journal at any point during the Call for Papers process.
- The paper must be written in English and must not exceed 15 pages in total length.
- Text Layout
- The paper must be typed in single column format on international standard size A4 paper with margins of 2.54cm.
- The text should be single-spaced, in Arial or Times New Roman font, and in 11pt font and the footnotes in 9pt font.
- Structure (no more than 15 pages in total)
- **Cover (1 page):** *Title, authors, affiliations*

Clearly indicate who is responsible for correspondence at all stages of submission, selection and presentation, including post-presentation.
Ensure that telephones, faxes (with country and area code) are provided in addition to the e-mail addresses and full postal addresses for all co-authors.

- **Executive Summary (1 page):** *Key Findings and Takeaways, Keywords*

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.

Submission Guidelines

- The online paper submission system will open on 1 October 2015.
- Papers should be submitted in PDF format.
- The author must answer any additional questions deemed necessary at submission stage.

Contacts

- Authors can find further information at the official Congress website http://wec2016istanbul.org.tr/
- Should you have any questions, please contact Mr.Kemal KIRAN at kemal@wec2016istanbul.org.tr or Ms.Emily Melton at melton@worldenergy.org

APPENDIX

The paper topic categories are based on the World Energy Council's major flagship studies. Authors are encouraged to visit the Council's website, which provides additional details on the below flagships and features the reports which the Council has published on these topics.

Call for Papers Focus Topics

- **Energy Scenarios**
    - What if …? Overall energy scenarios to portray potential pathways into the future to help us better understand critical uncertainties and decision points.

- **Energy Resources and Technologies**
    - What are the key messages of energy resources and innovative technologies? Special focus on the following resources: Coal, Oil, Bioenergy, Waste, Peat, Geothermal, CCUS, Gas, Uranium & Nuclear, Hydropower, Marine, Wind, Solar, Energy Storage, Energy Efficiency Technologies, e-Mobility

- **Energy Policy Trilemma**
    - The Trilemma is a 21st century policy framework for evaluating the degree to which energy options are (1) secure; (2) affordable; and (3) environmentally sensitive. Addressing the energy trilemma presents extraordinary environmental, social, and economic challenges requiring national and international action by not only governments, but also the private sector and civil society.

- Topics which may be addressed under the **Trilemma** include:
    - **Energy Trilemma Index:** How can the existing comparative assessment of country's performance in delivering sustainable energy systems be improved? The current assessment Index is available at: http://www.worldenergy.org/data/trilemma-index/
    - **Market design:** New models to compensate energy companies for the services they provide are required as current market designs do not yet reflect changes in energy supply and energy technology. What are innovative market designs that reflect the new reality of an energy sector in transition?
    - **Regional integration:** Energy resources are unevenly located across the globe and rarely bound by national borders. However, policies and regulation remain defined by national boundaries. How can key barriers to regional integration be practically overcome and the enabling conditions be created to ensure trilemma benefits?

- **Financing Resilient Energy Infrastructure**

  Resilience as a concept can be framed as an ambition as to how the best boardrooms respond to the changing risks landscape and global economic uncertainty. Resilience thinking requires embedding anticipation of uncertainty

into both market and infrastructure designs to ensure that energy systems are able to respond to any sudden, unanticipated event. Embedding the concept of resilience within energy decision-making is of increasing importance in all parts of the world and is critical for meeting the goals of the energy trilemma.

- Topics which may be addressed under **Financing Resilient Energy Infrastructure** include:
    - **Extreme Weather Events:** How can risks related to extreme weather events be better incorporated into the technical and financial evaluations of energy investment decisions to support the development of more resilient energy infrastructure? What are the best strategies, across the energy sector, to adapt to the new normal?
    - **Energy-Water-Food Nexus: W**hat are practical solutions to address the interdependences of the three core nexus areas and sustain their use in the future?
    - **Cyber-Attacks:** What can we learn from best-practices in cyber resilience, and what types of changes are required for the energy industry to be prepared for today's critical interconnectivity? How do we translate cyber risks from an operational risk to a business concern? What do leaders need to know and what can they do in the future to better prepare our systems in the instance of sheer sabotage?