



**Parlamentul României
Camera Deputaților
Comisia pentru industrii și servicii**



PARLAMENTUL ROMÂNIEI
CAMERA DEPUTAȚILOR
SECRETAR GENERAL
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Parlamentul României
CAMERA DEPUTAȚILOR
BIROUL PERMANENT
Nr. 1090 din 30.08.2018

**APROBAT,
LIDER GRUP PSD
SUCIU VASILE DANIEL**

BIROUL PERMANENT

AL

CAMEREI DEPUTAȚILOR

În perioada 6 – 7 septembrie 2018, la Paris, Franța, Consiliul Mondial al Energiei organizează „European Regional Energy Scenarios Workshop” la care sunt invitat în calitate de Președinte al Consiliului Mondial al Energiei și membru al Comitetului de Studii - World Energy Council - Londra.

Noile scenarii regionale și perspectivele de inovare vor fi prezentate drept elementele – cheie ale celui de-al 24-lea Congres Mondial al Energiei, care va avea loc în anul 2019 la Abu-Dhabi.

Față de cele de mai sus, vă rog să aprobați participarea mea la acest eveniment, precum și motivarea absențelor de la activitățile care au loc în Camera Deputaților în perioada respectivă.

Menționez că toate costurile privind deplasarea și cazarea sunt suportate de World Energy Council.

Atașat, vă transmit invitația la acest eveniment.

Vă mulțumesc!

Cu deosebită stimă,

**PREȘEDINTE
IULIAN IANCU**



3.09. 2018
1090

[Signature]

Dr Iulian Iancu
Chairman
WEC Romanian National Committee

hc-3/381/27.

20 July 2018

INVITATION
EUROPEAN REGIONAL ENERGY SCENARIOS WORKSHOP
6-7 September 2018, France, Paris

Dear Dr Iulian Iancu,

It is our great pleasure to invite you to the **European Regional Energy Scenarios Workshop**, which will take place on **6-7 September 2018 in Paris, France**, organised by the World Energy Council with support of French Member Committee.

This invitation-only workshop will convene an exceptional group of regional energy leaders and experts in a process of strategic knowledge exchange which promotes open discussion of energy transition challenges, shifts in consumer behaviour and new innovation opportunities. The output will be a set of regionally focussed energy scenarios to 2040 and new insights about innovation gamechangers emerging within and beyond the energy system.

The new regional scenarios and innovation insights will be featured as a key element of the 24th World Energy Congress, which will take place in Abu-Dhabi in 2019.

To enable a high quality of deep and generative dialogue, we encourage participants to attend for the full duration of this workshop. We are confident that it will be time well invested and provide you with a rare opportunity for strategic reflection and yield new insights, as well as a high quality networking opportunity.

We look forward to hearing from you regarding your availability and would be pleased to provide any further information you may need. Kindly RSVP to belostotskaya@worldenergy.org by **03 August 2018**.

Yours sincerely,



Dr. Christoph Frei
CEO and Secretary General
World Energy Council

European Regional Energy Scenarios Workshop

6-7 September 2018, Paris, France

INTRODUCTION

In 2016, the World Energy Council (the Council) published three exploratory scenarios called – **Modern Jazz, Unfinished Symphony and Hard Rock** – with a long-term horizon of 2060, aimed at supporting and informing negotiations on the transition to low carbon economy.

The Council is launching a new round of regional scenario development focused on building **regional scenarios** with a timeframe of **2040** and with the aim to dig deeper into the **new customers logic** and broad and fast **shifting landscape of innovation** which is being driven from within and beyond the current energy system.

The European regional scenarios workshop is organized by the Council with support of its French Member Committee. It will convene a diverse group of regional energy leaders and experts from **European countries (including Russia)** to facilitate strategic knowledge exchange and promote open discussion of **energy transition challenges, changing consumers behaviours and innovation opportunities**.

OBJECTIVES OF THE WORKSHOP

- Facilitate **strategic knowledge exchange** on key energy challenges and transition drivers in the region
- Develop **European regional scenario narratives** to engage with **critical uncertainties**
- Clarify the role of innovation in energy transition before 2040 – explore the **Constellation of Disruptions** emerging from within and beyond the region
- Promote the **wider and deeper use of regional scenarios** to better serve the Council's inclusive global agenda community, and engage new and diverse energy businesses and stakeholders.

EXPECTED OUTCOMES

The workshop will share the findings of stocktaking that is conducted as a preparatory work before the workshop – which includes synthesis of selective set of strategic interviews with senior energy leaders in the region, transition drivers' analysis input, etc. Post workshop stage will involve preparing the European scenarios narratives and quantification.

The new sets of regionally focussed scenarios and innovation insights will be featured as one of the key elements of the 24th World Energy Congress, that will take place in Abu-Dhabi in 2019.

WHOLE SYSTEM PARTICIPATION

Invitation only to a group of 30-35 participants – a mixture of energy and energy-adjacencies thought leaders, the Council's community members and energy experts, and selected key subject matter experts.

European Regional Energy Scenarios Workshop

Date: 6-7 September 2018

Venue: Paris Marriott Rive Gauche Hotel & Conference Center (17 Boulevard Saint Jacques, 75014 Paris)

DAY 1: BUILDING REGIONAL ENERGY SCENARIOS

8:45-9:15 Registration

9:15-9:30 Welcome and introduction

SESSION 1: Key challenges and opportunities for the region

9:30-11:00 *Brief presentation on Regional Issues Monitor (IM) map and tracking analysis – key issues that have emerged in the region & which concern leaders most*

Moderated expert panel:

- What are the new challenges and opportunities that emerging from within and beyond the energy system?

Feedback and reflections on new challenges that can be added

11:00-11:30 Break

SESSION 2: Key drivers of change – biggest uncertainties in future developments

11:30-12:45 *Group discussion bearing in mind previous discussion on the challenges facing the region*

- What are key drivers of change that will shape the regional energy landscape by 2040?
- Key drivers of change – which 5 drivers of change will have the biggest and the most uncertain impact on energy systems in the region by 2040?

Plenary feedback and reflection

12:45-13:45 Lunch

SESSION 3: Regional scenarios development

13:45-15:30 *Brief recap of three global archetypes*

Group brainstorm, creative storytelling and system mapping

- How different combination of drivers of change discussed before can play out in each of scenarios?
- What new energy scenario are already emerging or might emerge from the interaction of regional drivers?

Plenary feedback and reflection

15:30-16:00 Break

16:00-18:00 *Continue of scenarios building session*

Wrap up the Day 1

DINNER

DAY 2: USING REGIONAL SCENARIOS, INNOVATION TWIST & NEW CONSUMERS

8:45-9:00 **Welcome**

9:00-9:30 **Recap of the Day 1, overnight reflections**
SESSION 4: Deepening regional storylines

9:30-10:30 *Recap and deepening of the regional storylines*

- What is needed to enhance the regional storylines?
- What are we learning from regional perspectives that can feed back to global scenarios?

SESSION 5: Exploring Constellation of Disruption

10:30-11:00 *Introduction to Constellations of Disruption concept and list of global constellations*

11:00-11:30 **Break**

11:30-13:00 *Group brainstorm*

- How do different constellations of disruption may play out in each scenario? How it might transform scenario pathways before 2040?
- What are the main triggers and accelerators in scenarios for each of constellations of disruptions?

Plenary feedback and reflections

13:00-14:00 **Lunch**
SESSION 6: Designing new Constellation of Disruption in a local context

14:00-15:15 *Group brainstorm*

- What constellations of disruption will matter in the future for the region, which is not in the global list?
- What is the transformational power of those constellation of constellations?

Plenary feedback and reflections

15:15-15:45 **Break**
SESSION 7: Big questions and next steps

15:45-16:45 *Group brainstorm followed by plenary reflections*

- What are the new 'Focal question(s)' that regional scenarios can answer?
- What can be new / better users / uses?
- Next steps: identification of big gaps / research 'must do'

16:45-17:00 **Wrap up, thanks and close of the workshop**