



Power Options for the Eastern Mediterranean Region
19-21 November 2012
Limassol, Cyprus
Venue: Le Méridien Limassol Spa & Resort

1. Introduction

The biggest challenge that mankind has ever faced is to find opportunities to create a modern, convenient life when facing the escalating threat of global warming leading to a more sustainable use of hydrocarbon resources. These challenges and opportunities will have significant impacts on our future economy and welfare. It is vital to focus on sustainable development in combination with more efficient use of energy and this must be addressed in all future energy-related strategic decisions. Knowledge of decision-making economics, organization, rules and regulations, policy issues, political processes, and human actions and reactions is also crucial in energy-related issues in order to control these developments with the necessary conservation of energy resources and the environment and without significant impacts on the quality of life.

The Eastern Mediterranean region is currently facing historical challenges in the field of energy. The first challenge concerns the potentially large, oil and natural gas deep sea fields recently discovered in the Eastern Mediterranean seabed. The second challenge is the growing integration of renewable energy sources, primarily based on solar energy, in the region's electricity generation systems. It is, therefore, crucial that the region can develop an adequate and comprehensive energy strategy taking into consideration these challenges.

The goal of such a strategy would be to (a) foster a regional oil and gas industry that can be influential in stimulating the region's long term economic growth and (b) ensure sustainable and clean energy production.

POEM 2012 Conference focuses on future challenges and opportunities for the Eastern Mediterranean oil and gas reserves and sustainable energy systems,

as well as, climate change issues. POEM 2012 covers a wide range of topics related to oil and gas exploration, natural gas handling, renewable energy technology, energy efficiency, climate change and sustainable energy systems. Major topics and new trends will be introduced through forum discussions with politicians and energy stakeholders as well as through keynote lectures presented by internationally recognized experts. POEM 2012 provides an opportunity for scientists, engineers, technology developers, practitioners, policy makers and government officials to showcase leading-edge technology for future sustainable societies.



2. Concepts and Aims

The energy sector, through expanding trade and technology exchange as an outcome of globalization, is likely to shape the future economic and political relations between countries and global companies. This is particularly true in the case of the Eastern Mediterranean region. In an international dimension, the

Conference principally aims to become an important meeting point for ideas and knowledge sharing on the technical, economic and regulatory implications of energy production in the Eastern Mediterranean region. In this way, the Conference aims to act as a catalyst on the transfer of oil, gas and renewable energy technology advancements and best practices from developed energy markets to the region. Moreover, the Conference hopes to facilitate the exploration of future business opportunities between international and regional energy sector enterprises, in the fields of infrastructure, renewable energy and oil and gas projects.

Focusing on a regional dimension, the Conference aims to provide insights into how local energy players can accommodate the sustainable use of the potential Eastern Mediterranean region's hydrocarbon reserves together with the penetration of solar energy systems in the power electricity generation industry. Finally, it aims to highlight the importance of research and development for the future of the energy sector in the Eastern Mediterranean region.



3. Presenters and participants

The Conference expects to attract a global audience of energy decision makers, energy engineers and technical specialists, energy industry leaders and experts, economists, academics and consultants as well as oil and gas exploration stakeholders.

In addition, participants will include manufacturers, investors and representatives from regulating bodies, energy utilities and academic and research establishments of the Eastern Mediterranean region.

4. Conference subject areas

- Advanced seismic data acquisition, processing and interpretation techniques
- Advances in oil and gas separation
- Carbon capture and storage technologies and enhanced oil recovery for deepwater
- Concentrated solar power technologies
- Conventional and non-conventional hydrocarbons energy development
- Deepwater drilling and completions technologies
- Deepwater structures and system integration
- Distributed generation
- Energy economics
- Energy policy issues
- Energy storage systems
- Environment and climate change issues
- Exploration geohazards and sea bed service
- Global natural gas market outlook
- Hydrogen production, storage and use
- Hydrocarbons exploration strategies
- Natural gas liquefaction technologies
- Natural gas pipeline transportation technologies
- Natural gas policy issues
- Oil and gas reserves and economics by region
- Oil and gas transportation cost and infrastructure development
- Photovoltaic technologies
- Power generation technologies
- Power system economics
- Renewable energy sources technologies
- Renewable generation scheduling
- Subsea completions and well testing and economics
- Sustainable cities and regions
- Wind technologies

5. Conference committees

CHAIR:

- Dr. Poullikkas Andreas, Electricity Authority of Cyprus, Cyprus

CONFERENCE STEERING COMMITTEE:

- Dr. Christodoulides Christos, Director, Transmission System Operator, Cyprus
- Prof. Christofides Costas, Rector, University of Cyprus
- Mr. Christofides Costas, Assistant Director General OEB
- Dr. Efthimiou Venizelos, Executive Networks Manager, Electricity Authority of Cyprus
- Mr. Ioannou Costas, Executive Chairman, Natural Gas Public Company (DEFA)
- Mr. Kasinis Solon, Director, Energy Service, Ministry of Commerce and Industry
- Prof. Onoufriou Toula, Vice Rector for Academic Affairs, Cyprus University of Technology
- Prof. Papanastasiou Panos, Dean of School of Engineering, University of Cyprus
- Prof. Papanicolas Costas, President, Cyprus Institute
- Mr. Patsalis Antonis, Executive Generation Manager, Electricity Authority of Cyprus
- Mr. Shammas George, Chairman, Cyprus Energy Regulatory Authority
- Dr. Stylianou Stelios, General Manager, Electricity Authority of Cyprus

SECRETARY:

- Mr. Hadjipaschalis Ioannis, Electricity Authority of Cyprus, Cyprus

TREASURER:

- Mr. Kourtis George, Electricity Authority of Cyprus, Cyprus

SCIENTIFIC COMMITTEE:

- Prof. Bulent Yesilata, Harran University, Turkey
- Prof. Charalambides Alexandros, Cyprus University of Technology, Cyprus
- Ms. Charalambous Antri, Cyprus Energy Agency, Cyprus
- Prof. Charalambous A. Charalambos, University of Cyprus, Cyprus
- Prof. Christodoulou Christodoulos, Frederick University, Cyprus

- Prof. Demokritou Philip, Harvard University, USA
- Prof. Efstathiou Angelos, University of Cyprus, Cyprus
- Dr. Fokaides Paris, University of Cyprus, Cyprus
- Prof. Georghiou George, University of Cyprus, Cyprus
- Prof. Hatziaargyriou Nicos, National Technical University of Athens, Greece
- Dr. Kaloyirou Sotiris, Cyprus University of Technology, Cyprus
- Prof. Karageorgis George, Frederick University, Cyprus
- Prof. Kyriakides Elias, University of Cyprus, Cyprus
- Prof. Michaelides Ioannis, Cyprus University of Technology, Cyprus
- Prof. Mitsos Alexandros, Massachusetts Institute of Technology, USA
- Dr. Peteves Efstathios, Institute for Energy, Joint Research Center, EC
- Prof. Sourkounis Constantinos, Ruhr-University of Bochum, Germany
- Dr. Tzimas Evangelos, Institute for Energy, Joint Research Center, EC
- Prof. Zachariades Theodoros, Cyprus University of Technology, Cyprus



6. Keynote speakers

- Prof. Al-Assaf Yousef, American University of Sharjah, UAE, The United Arab Emirates energy policy.
- Prof. Christodoulou Christodoulos, Frederick University, Cyprus, Hydrogen applications and the vision of Cyprus towards the hydrogen economy.
- Prof. Efstathiou Aggelos, University of Cyprus, Cyprus, Natural gas as a feedstock for high added value chemicals and alternative fuels.
- Mr. Ellinas Akis, Ellinas Energy, Cyprus, More than one year operation of Orites wind park.
- Dr. Efthimiou Venizelos, Electricity Authority of Cyprus, Cyprus, Integration of smart metering and smart grids in Cyprus.
- Prof. Georghiou George, University of Cyprus, Cyprus, Solar potential and PV production in the Mediterranean region.
- Mr. Georgiou George, Cyprus Renewable Energy Sources Association, Cyprus, Opportunities for PV installations in Cyprus.
- Mr. Hadash Ronen, Contempo Energy, Israel, The CYstream natural gas pipeline project.
- Mr. Ioannou Costas, Natural Gas Public Company, Cyprus, Natural gas infrastructure development in Cyprus.
- Prof. Karageorghis George, Frederick University, Cyprus, Theoretical vs actual production from PV systems in Cyprus.
- Mr. Kassinis Solon, Ministry of Commerce, Industry and Tourism, Cyprus, Opportunities and challenges of developing the Levant Basin.
- Mr. Killas George, DEH-Quantum, Cyprus, The EuroAsia power interconnection project
- Prof. Onoufriou Toula, Cyprus University of Technology, Cyprus, Effective management of Cyprus's gas reserves.
- Prof. Papanastasiou Panos, University of Cyprus, Cyprus, Prospects of Cyprus's natural gas exporting market.
- Prof. Papanikolas Costas, Cyprus Institute, Cyprus, Integration of CSP with seawater desalination in the Mediterranean region.
- Mr. Shammas George, Cyprus Energy Regulatory Authority, Cyprus, Prospects for independent power producers in Cyprus.
- Dr. Stylianou Stelios, Electricity Authority of Cyprus, Cyprus, The future of electricity sector in Cyprus.
- Prof. Sourkounis Constantinos, Ruhr University Bochum, Germany, Control methods for variable speed wind energy converters.
- Mr. Toufexis Christos, Cyprus Transmission System Operator, Cyprus, Cyprus market rules for power generation.
- Mr. Vouros Antonis, Vouros Power Industries, Cyprus, Developing a conventional power capacity in Cyprus.



7. Paper important dates

- Abstract due: 30th June 2012
- Notification of acceptance: 13th July 2012
- Paper submissions due: 14th September 2012
- Notification of paper acceptance: 30th September 2012

The deadline for the submission of abstracts is the 30th June 2012. Abstracts must not exceed one page and should include title, author(s), affiliation, complete mailing address, telephone number, fax and e-mail address. All author correspondence will be via email. One additional page of figures may be included.

The abstract must clearly state: the purpose of the work, the manner and degree to which it advances the state of the art, and specific results that have been obtained and their significance.

Authors are asked to indicate on their abstract which session topic is most closely related to their abstract. Please submit your abstract as a MS-Word or pdf file attachment via email to the Conference Chair at email: apoullik@eac.com.cy.

Authors of papers selected for presentation will be notified via email by 13th July 2012. Accepted authors will be required to prepare an approximately 8 -10 pages (including figures) camera ready text for inclusion in the Conference Proceedings to be distributed at the Conference. The deadline for submission of papers will be the 14th September 2012.

8. Exhibition

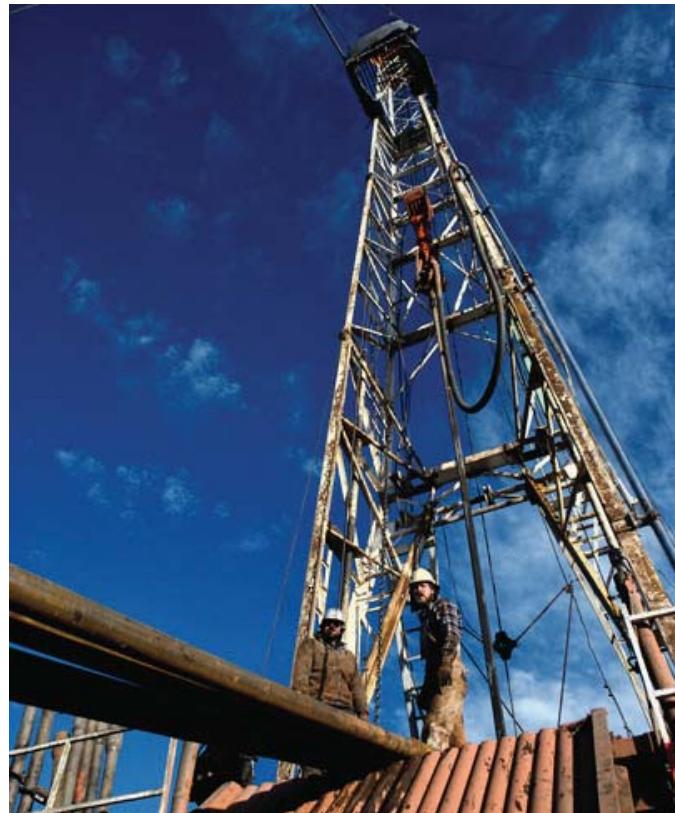
The exhibition will take place in the lobby of the venue. The exhibition hours are listed below:

- Sunday, 18 Nov 2012, Exhibition opening and reception 18:00 - 20:00
- Monday, 19 Nov 2012, 9:00 - 18:00
- Tuesday, 20 Nov 2012, 9:00 - 18:00
- Wednesday, 21 Nov 2012, 9:00 - 13:00

Anyone interested in exhibiting at the POEM 2012 Conference should contact our Conference Logistics Manager Easy Conferences, at info@cypusconferences.org

9. Conference website

Information on the POEM 2012 may be obtained through its web site www.poem2012.org



10. Contact Information

Anyone requiring additional information should contact the Managing Director of Easy Conferences who are our Conference Logistics Manager:



EASY CONFERENCES

ADDRESS: P.O.BOX 24420,
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11. Location

The POEM 2012 Conference will take place in Le Méridien Limassol Spa & Resort on 19-21 of November 2012. The hotel is located in Limassol, Cyprus. Cyprus is the third largest island in Mediterranean, with a past history of 10,000 years. Cyprus is a modern country that effortlessly marries European culture with ancient enchantment. One of the benefits of being a Mediterranean island is plentiful sunshine throughout the year, and Cyprus is no exception. In fact, Cyprus epitomizes the ideal weather of the region with sunny days and fine temperatures almost every day. Extremes of temperatures are rare, meaning Cyprus has something to offer every month of the year, whether it's swimming (as late as November) or enjoying cultural sites and festivals (all year long). The weather in Limassol in November is mildly cold with average daily temperatures around 23°C, and with an average of 6-7 rainy days for the month.



Le MERIDIEN
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13. Official language

The official language of the Conference will be English. All papers are written in English and the Proceedings are published in English. The presentations will also be given in English.



12. Proceedings

Each registered participant will receive a CD containing the full papers that will be presented during the Conference.



14. Registrations

- Early registration (up to 15 Oct 2012): €250
- Late registration (after 16 Oct 2012): €300

Registration fees include Conference participation, Conference proceedings, coffee breaks, lunches, welcome cocktail and conference dinner.

Conference registration available online at: www.poem2012.org after the 1st of July 2012.



15. Conference sponsors

POEM 2012 Conference is an ideal platform for building brand awareness in the Eastern Mediterranean region. It is expected that professionals and corporations from all areas of the Global Energy Industry will attend this event that also aims to become the major annual idea-exchange forum in the region. A variety of sponsorship opportunities will be offered to interested companies.

Limited Sponsorship packages are still available.



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