

# New Energy era for Europe “there for the taking”



ATHENS: Offshore gas from the Eastern Mediterranean could usher in a new era of energy independence and economic renaissance for Europe, a regional energy expert told a high-profile industry conference in Athens on Friday.

“Almost instantly, the flow of East Med gas into Europe would mean additional diversification and flexibility of supply, closely followed by enhanced competitiveness for European

industry, accelerated economic growth, and dramatic long-term improvements for public finances,” Roudi Baroudi, a veteran of more than 36 years in the oil and gas business, told the Athens Energy Conference.

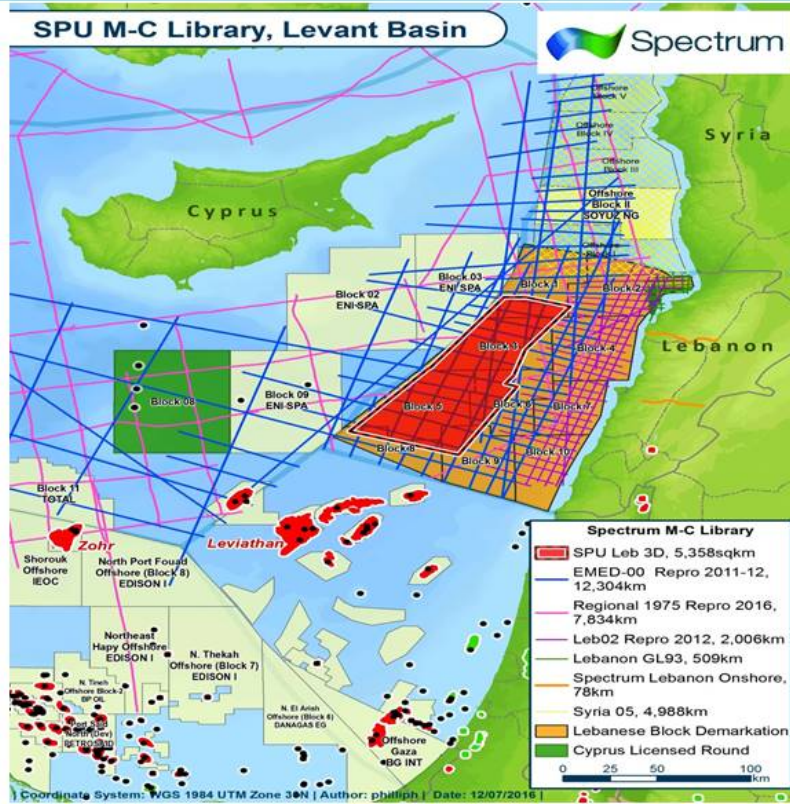
While “East Med gas would be more of a complement than a competitor to supplies already flowing ... from Russia” and other countries, he explained, other factors were also likely to help Europe diversify its energy supply, putting downward pressure on prices and “reducing the potential impact of possible interruptions elsewhere”.

Baroudi, who currently serves as CEO of Energy and Environment Holding, a Doha-based independent consultancy, has advised governments, companies, and multilateral institutions on energy matters, even helping to craft policy for agencies of the European Union and the United Nations. Speaking on the sidelines of the conference, which drew a broad audience including senior figures from both the public and private sectors, he said the timing “could not be better” for Europe.

“Shale gas has made America another energy superpower alongside Russia and OPEC, and liquefied natural gas is now a fully fledged global commodity,” he said. “Plus, the East Med producers will be sitting on Europe’s doorstep, and several countries are already gearing up to start taking massive LNG shipments. Decades of benefits for hundreds of millions of people, all there for the taking.”

# Athens Energy Forum 2018

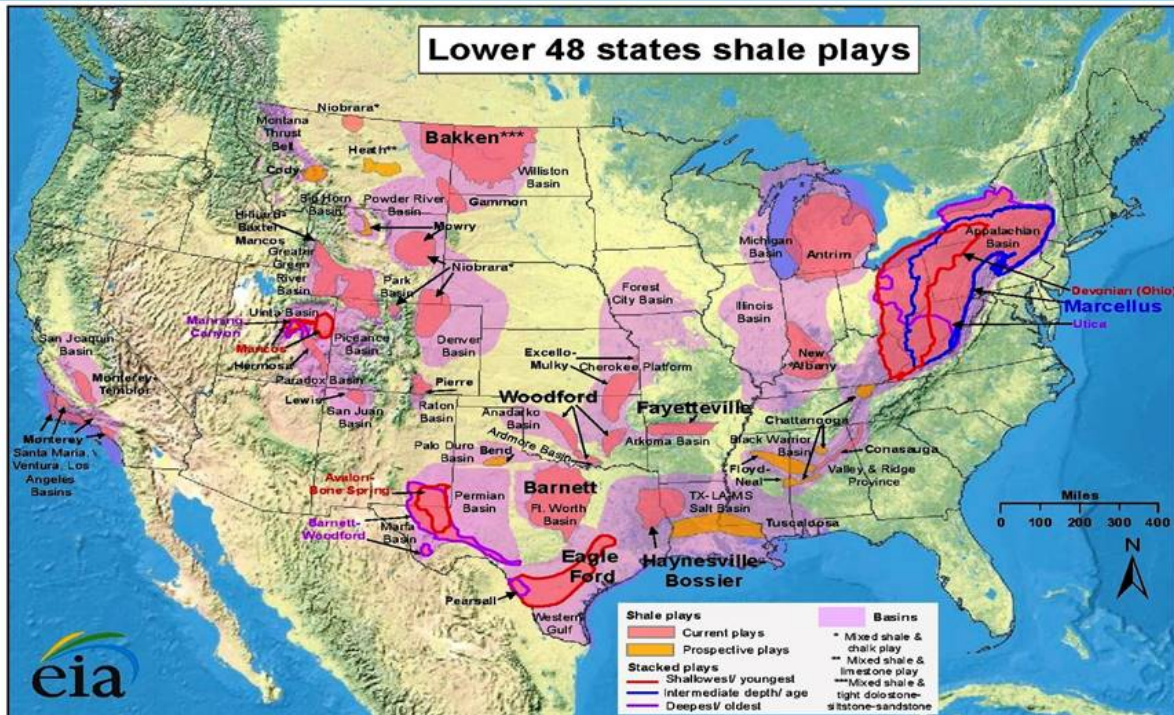
## Energy Security and Strategic Investments: The Way Forward





# Athens Energy Forum 2018

## Energy Security and Strategic Investments: The Way Forward



Game-changer: "Shale O&G puts America on global energy stage"

And expected producer countries like Cyprus, Greece, and Lebanon, Baroudi added, stand to gain even more. "For a variety of historical reasons, most of these countries have not yet achieved the levels of development enjoyed in most of the European Union," he told the conference. "Given the potential rewards for their peoples, the governments involved have nothing less than a moral responsibility to take advantage of propitious circumstances by tapping the oil and gas wealth within their respective social, economic, and geopolitical reaches." Baroudi also has emphasized some of East Med countries are not party to UNCLOS but all countries are signatories to the UN Charter. Therefore, Baroudi reminded that all these countries are under an obligation to "settle their international disputes by peaceful means in such a manner that international peace and security, and justice, are not endangered."

He also sounded notes of caution, however. For one thing, he

stressed the need for producer countries to ensure proper management of the proceeds from gas sales to pay social justice. For another, he reinstated on the same countries to avoid international tensions that might impede development of the sector.

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## Athens Energy Forum 2018: February 15 – 16, 2018



### Overview

2017 has been another year marked by regional geopolitical tensions and rivalries but despite this very high level of volatility, new exploration projects are underway in Greece and Cyprus creating new **potential for investments in the oil & gas industry**. At a global scale, the uncertainties created by **Brexit** and the renewed friction in US-Russian relations continue to mar the possibility for regional stability as US and EU sanctions against Russia remain in full effect. The new set of challenges that will affect **EU's Climate and Energy Policy** to 2030 and beyond after President Trump's decision to

withdraw from the Paris Climate Accord.

## AGENDA

### THURSDAY | FEBRUARY 15

11.30

PARTICIPANTS ARRIVAL – REGISTRATION

12.00

WELCOME REMARKS:

- **Achilles Tsaltas**, Vice President, International Conferences, The New York Times

12.10

OPENING SPEECH:

- **George Stathakis**, Minister of Energy and Environment, Hellenic Republic

12.25

REMARKS:

- **Konstantinos Skrekas**, MP – New Democracy Party, Head of Energy and Environment Sector, f. Minister of Development and Competitiveness, Hellenic Republic

12.35

REMARKS:

- **Prof. Yannis Maniatis**, MP – Democratic Coalition, f. Minister of Environment, Energy & Climate Change

12.45

PANEL 1: THE GLOBAL GEOPOLITICAL PARAMETERS

- Diversification of energy sources to bring about energy independence for the region
- The impact of Brexit on EU Security & Energy Policy

- **Geoffrey R. Pyatt**, Ambassador of the United States of America to the Hellenic Republic
- **Kate Smith**, British Ambassador to the Hellenic Republic

– Energy sector as a leveraging tool despite geopolitical challenges

- **Nabil Fahmy**, Dean, School of Global Affairs & Public Policy, American University of Cairo, f. Minister of Foreign Affairs, Egypt
- **Defne Sadiklar-Arslan**, Executive Director, Atlantic Council Turkey

Introduction & Chair: **Athanasios Ellis**, Editor in Chief, Kathimerini English Edition

13.30

NETWORKING BREAK – LIGHT LUNCH

14.30

PANEL 2: STRATEGIC PRIVATIZATION OPPORTUNITIES IN THE ENERGY SECTOR

- **Laurent-Charles Thery**, Director for International Development, GRTgaz
- **George Longos**, Managing Partner, Alantra

14.50

PANEL 3: COMPLETING THE MIDSTREAM PUZZLE: EXPORTING GAS FROM THE EASTERN MED AND THE CASPIAN SEA

- Progress report on IGB and the dynamics of a second LNG imports facility in Alexandroupolis
- TAP: Progress Report and Phase 2
- The feasibility of the East Med Gas Pipeline
- The LNG export option

- The View from Greece
- **Dimitrios-Evangelos Tzortzis**, CEO, Public Gas Corporation, Greece\*
- **Sotiris Nikas**, President & CEO, Hellenic Gas Transmission System Operator – DESFA, Greece\*

- **Panayotis Kanellopoulos**, Managing Director, M&M Gas S.A., Greece
- The View from the Region
- **Katerina Papalexandri**, Country Manager Greece, TAP
- **Albert Nahas**, Vice President, International Affairs, Tellurian Inc., U.S.A.
- **Theodore Tsakiris**, Assistant Professor, Geopolitics & Hydrocarbons, University of Nicosia, Cyprus & Scientific Adviser Athens Energy Forum

16.45

NETWORKING BREAK

17.00

PANEL 4: THE DOMESTIC AND REGIONAL ELECTRICITY MARKET DYNAMICS

- The continuous need for complete market liberalization
- Progress report on the Inter-connectivity between the Islands and Mainland Greece
- ADMIE's privatization: the day after

#### Speeches:

- **Manousos Manousakis**, Chairman and CEO, Transmission System Planning Department, IPTO S.A., Greece
- **Prof. Nikos Chatziargyriou**, Chairman & CEO, Hellenic Electricity Distribution Network Operator S.A.- HEDNO, Greece
- **Stavros Goutsos**, Deputy CEO, Public Power Corporation, Greece\*
- **Dinos Benroubi**, General Manager Electric Power Business Unit, MYTILINEOS, Greece

17.45

END OF THE 1ST DAY OF THE FORUM

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\* TO BE CONFIRMED



# FRIDAY | FEBRUARY 16

09.30

ARRIVAL OF DELEGATES – COFFEE/TEA

10.00

KEYNOTE ADDRESS:

- **Konstantinos Skrekas**, MP – New Democracy Party, Head of Energy and Environment Sector, Former Minister of Development and Competitiveness, Greece

10.15

PANEL 5: REGIONAL UPSTREAM DEVELOPMENTS: POLITICAL, REGULATORY AND ECONOMIC CHALLENGES

- The results of Cyprus' Third Licensing Round and the Onisiphoros Discovery
- Future exploration prospects in Egypt and Israel and Lebanon's untapped potential
- The entry of Exxon and Total in the Greek Upstream market
- **Yannis Bassias**, President, Hellenic Hydrocarbons Resources Management S.A., Greece
- **Yannis Grigoriou**, General Manager Exploration & Production of Hydrocarbons, Hellenic Petroleum S.A.
- **Dr. Constantinos Hadjistassou**, Ass. Professor, School of Sciences & Engineering, University of Nicosia\*
- **Bernard Clement**, Vice President for Caspian and Southern Europe, Total E&P, France
- **Dimitris Gontikas**, Managing Director, Energean Oil & Gas, Greece\*
- **Dr. Carole Nakhle**, CEO, Crystol Energy, U.K.

11.45

NETWORKING BREAK

12.15

PANEL 6: SUSTAINABLE DEVELOPMENT – CLIMATE CHANGE AND ENERGY

- Making energy technologies cleaner

- Responsible steps to cut carbon pollution
- Winning the global race for clean energy innovation
- **Dr. Dionysia Avgerinopoulou**, MP, f. Chairman of the Standing Committee for the Environment of the Hellenic Parliament
- **Konstantinos Xifaras**, Secretary General, World Energy Council, Hellenic National Committee
- **Dr. Spyros Kiartzis**, Manager New Technologies & Alternative Energy Sources, Hellenic Petroleum S.A.
- **Dionissis Christodoulopoulos**, Managing Director, MAN Diesel & Turbo Hellas Ltd

13.00

PANEL 7: RES, ENERGY EFFICIENCY AND TECHNOLOGICAL INNOVATION

- RES as a means of energy security
- Energy efficiency technologies as a new area for growth
- Overcoming regulatory hurdles for RES development
- **George Gkiaouris**, Senior Banker, Power & Energy, EBRD
- **Professor Xenophon E. Verykios**, Managing Director, Helbio Hydrogen & Energy Systems, Greece
- **Zisimos Daniil Mantas**, Chief Business Development Officer, Eunice Energy Group, Greece

13.45

END OF FORUM

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**Roudi Baroudi's remarks on  
the sidelines of New York**

# Times Athens Energy Forum NYT Conference 2017



February 2, 2017

My purpose here is to update you on progress at the eastern end of the Mediterranean – namely some new steps taken by the government of Lebanon to get its nascent energy sector off the ground.

As you may recall, Lebanon has wasted a lot of time in the past few years. Cyprus recently held its third licensing round, and others have gone even further: Israel, for instance, is already drilling, and while internal legal and policy battles have slowed some aspects, Israeli negotiators have aggressively pursued export or transit deals with other

countries – including both Jordan and Turkey.

In Lebanon, things have been very different. A long-running political struggle left the presidency vacant for more than two years, the Parliament granted itself two extensions totaling almost three years without new elections, and the Prime Minister and Cabinet served in a de facto caretaker capacity because of widespread perceptions that they lacked legitimacy.

Even before this breakdown of the constitutional order, rival political camps were so mistrustful of one another – and so evenly matched – that little headway could be made because each side blocked the other's initiatives.

Luckily, even with these paralyzing conditions in effect, some preparatory steps were taken. The Lebanese Petroleum Administration was established in 2012, and while dysfunctional politics delayed everything from the onset of its legal authority to the recruitment of qualified personnel, the LPA managed to lay much of the necessary groundwork. The idea was that once the politicians stopped bickering, all of the rules, regulations, and policies would already be in place, so the country would have the wherewithal to start playing catch-up.

I'm happy to report that there has been significant improvement. A new president has now been elected by Parliament, and his genuine support – both in the legislature and among the general population – is more broad-based than many of his predecessors. A new Prime Minister has also been installed, and since this was part of the same deal that allowed the presidency to be filled, he and his Cabinet enjoy relatively strong acceptance. Perhaps most importantly, the long-delayed parliamentary elections are due to be held in June, and while the usual debate is taking place about the rules under which those polls should take place, there is general optimism that they will be held "on time".

Best of all, the Lebanese Petroleum Administration has taken this momentum as a signal to start activating the energy sector. Last month it took a decisive step in this direction by initiating the country's first licensing round, inviting bids for offshore exploration in five of the 10 blocks it has delineated in Lebanon's Exclusive Economic Zone (EEZ). Nonetheless, the process will not be a simple matter of "plug and play", but this time the obstacles are external.

Again, the LPA has done a lot to make sure all the necessary mechanisms are in place or ready for installation, including tender procedures and draft terms for the fiscal regime. And at least two of the five blocks being licensed should be relatively straightforward: Block 4 lies entirely within Lebanon's EEZ, directly off the coast, and Block 1 lies in the northwest corner of Lebanon's EEZ, where its demarcation has already been agreed with both Cyprus and Syria. Those interested in these blocks will know exactly what they're bidding on, and the successful bidders and their partners free to get on with the business of modern exploration work without other distractions.

Blocks 8, 9, and 10, on the other hand, are a different matter altogether because all three are in the south, where Lebanon's maritime claims overlap with those of Israel. At issue is a relatively small area of about 840 square kilometers, less than 5% of Lebanon's EEZ and an even smaller slice of Israel's. Under normal circumstances, the conflicting claims would likely have been negotiated away with relative ease, but Lebanon and Israel have no diplomatic relations and have remained in a legal state of war – with frequent outbreaks of actual hostilities – for almost 70 years despite the 1949 armistice.

The situation is not irrecoverable, however, and both the United States and the United Nations have worked hard to broker a consensus by holding separate talks with Israeli and Lebanese officials. What is more, whatever the intractability

of their other differences, on this score at least both sides have a clear and compelling interest in avoiding any kind of conflict that interferes with the development of their energy reserves. All of the region's emerging producer countries stand to make substantial revenue gains, allowing game-changing investments in health, education, transport, and other areas whose impact will be felt for decades, even centuries.

It all comes down to mathematics: there is simply too much money at stake, meaning that in addition to the lives that would inevitably be lost, the direct financial and opportunity costs of another armed confrontation would be exponentially greater than the price-tags attached to bombs and missiles.

The numbers don't lie, so there is reason for optimism that the EEZ issue will be resolved before it impedes exploration activities. In addition, if and when cooler heads prevail and some kind of understanding on indirect cooperation (or even non-interference) is reached, the resulting dividends will go far beyond Dollars, Euros, Pounds or Shekels – and the effects will be felt far beyond the Mediterranean.

Cheap, clean, and reliable natural gas supplies from the Eastern Med would also significantly enhance energy security for Turkey, the European Union, and other countries. For Europe in particular, it would be a new lease on life, restoring the competitiveness of the Continent's economy and providing consumers with lower prices for energy and a long list of other goods and services. And for both the MENA region and other parts of the world haunted by conflict or the threat thereof, an East Mediterranean gas boom made possible by sober diplomacy would set an encouraging – and highly lucrative – precedent.

These manifold and far-reaching benefits mean that numerous local and outside actors will want the same thing in the Eastern Med: stability. Cyprus, for instance, figures to be a



linchpin for the entire regional gas economy, but it can only play that role to the fullest if it achieves reunification after more than 40 years of division. Each of the main external players on the island – Britain, Greece, and Turkey – also has good reason to want tensions reduced, and Russia's growing presence in the region (including investment offshore each of Cyprus, Syria, and Egypt) gives it a vested interest in a more predictable region. American companies are also present, and literally no one better understands what is at stake than the incoming US secretary of state, former ExxonMobil boss Rex Tillerson.

Of course, there is still much for Beirut to address, including the structure and management of an effective and transparent Sovereign Wealth Fund to safeguard future energy revenues. There is also the matter of determining the true size of its offshore treasure, but all signs from exploration under way off Cyprus and Israel – plus the discovery of Egypt's massive Al-Zohr gasfield – suggest that Lebanon is on the verge of a historic windfall. In fact, some 2-D and 3-D studies already indicate that the country's hydrocarbon potential outstrips those of its immediate neighbors.

At this point, all Lebanon needs to do is play its cards right: avoid unnecessary confrontations with Israel, follow international best practice for safe and environmentally responsible oil and gas development, and protect the ensuing revenues against nepotism, waste, and other forms of mismanagement. So long as it makes itself a stable platform, investment will come and a better future will almost certainly follow.