What Africans want from COP30



The upcoming UN Climate Change Conference (COP30) will be the first to take place in the Amazon, sending a powerful symbolic message about the central role developing economies must play in the global response to the climate crisis. But at a time of geopolitical fragmentation and low trust in multilateralism, symbolism is not enough. Developing economies must plan and propel the green transition. Africa is no exception.

So far, Africa's climate narrative has been one of victimhood: the continent contributes less than 4% of global greenhousegas emissions, but it is highly vulnerable to the effects of climate change. This disparity fuelled the calls for "climate justice" that helped to produce ambitious climate-financing pledges from the industrialised economies at past COPs. But with those pledges going unfulfilled, and Africa's climate-finance needs rising fast, moral appeals are clearly not enough.

A shift to a more strategy-oriented discourse is already underway. The Second Africa Climate Summit (ACS2), which took place in Addis Ababa last month, positioned the continent as a united actor capable of shaping global climate negotiations. It also produced several initiatives, such as the Africa Climate Innovation Compact and the African Climate Facility, that promise to strengthen Africa's position in efforts to ensure a sustainable future.

Instead of continuing to wait for aid, Africa is now seeking to attract investment in its green transition, not because rich countries "owe" Africans — though they do — but rather because Africa can help the world tackle climate change. But success will require progress on four fronts, all of which will be addressed at COP30.

The first is the cost of capital. Because systemic bias is embedded in credit-rating methodologies and global prudential rules, African countries face the world's highest borrowing costs. This deters private capital, without which climate finance cannot flow at scale. While multilateral development banks (MDBs) can help to bridge the gap, they typically favour loans — which increase African countries' already-formidable debt burdens — rather than grants.

At COP29, developed economies agreed to raise "at least" \$300bn per year for developing-country climate action by 2035, as part of a wider goal for all actors to mobilise at least \$1.3tn per year. If these targets are to be reached, however, systemic reform is essential. This includes changes to MDB governance, so that African countries have a greater voice, and increased grant-based financing. Reform also must include recognition of African financial institutions with preferred creditor status, and the cultivation of a new Africa-led financial architecture that lowers the cost of capital.

The second area where progress is essential is carbon markets. Despite its huge potential for nature-based climate solutions,

Africa captures only 16% of the global carbon-credit market. Moreover, the projects are largely underregulated and poorly priced, with limited community involvement. Africa is now at risk of falling into a familiar trap: supplying cheap offsets for external actors' emissions, while reaping few benefits for its people.

While some African countries are developing their own carbon-market regulations, a fragmented system will have limited impact. What Africa needs is an integrated carbon market, regulated by Africans, to ensure the quality of projects, set fair prices, and channel revenues toward local development priorities, including conservation, renewable energy, and resilient agriculture. This system should be linked with Article 6 of the Paris climate agreement, which aims to facilitate the voluntary trading of carbon credits among countries.

The third imperative for Africa at COP30 is to redefine adaptation. Rather than treating it primarily as a humanitarian project, governments must integrate adaptation into their industrial policies. After all, investment in climate-resilient agriculture, infrastructure, and water systems generates jobs, fosters innovation, and spurs market integration.

By linking adaptation to industrialisation, Africa can continue what it started at ACS2, shifting the narrative from vulnerability to value creation. Africa should push for this approach to be reflected in the indicators for the Global Goal on Adaptation, which are set to be finalised at COP30. The continent's leaders should also call for adaptation finance to be integrated into broader trade and technology frameworks.

The final priority area for Africa at COP30 is critical minerals. Africa possesses roughly 85% of the world's manganese, 80% of its platinum and chromium, 47% of its cobalt, 21% of its graphite, and 6% of its copper. In 2022,

the Democratic Republic of the Congo alone accounted for over 70% of global cobalt production.

But Africa knows all too well that natural-resource wealth does not necessarily translate into economic growth and development. Only by building value chains on the continent can Africa avoid the "resource curse" and ensure that its critical-mineral wealth generates local jobs and industries. This imperative must be reflected in discussions within the Just Transition Work Programme at COP30.

These four priorities are linked by a deeper philosophical imperative. The extractive logic of the past — in which industrialisation depended on exploitation and destruction — must give way to a more holistic, just, and balanced approach, which recognises that humans belong to nature, not the other way around. Africa can help to lead this shift, beginning at COP30.

The barriers to progress are formidable. China likes to tout South-South solidarity, but it does not necessarily put its money where its mouth is. The European Union is struggling to reconcile competing priorities and cope with political volatility. The US will not attend COP30 at all, potentially emboldening others to resist ambitious action. If consensus proves elusive, parties might pursue "mini-lateral" deals, which sideline Africa.

When it comes to the green transition, Africa's interests are everyone's interests. If the continent is locked into poverty and fossil-fuel dependency, global temperatures will continue to rise rapidly. But if Africa is empowered to achieve green industrialisation, the rest of the world will gain a critical ally in the fight for a sustainable future. — Project Syndicate

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بارودي يهنئ باتفاق الترسيم ويدعو لتعاون لبناني ــ قبرصي في الحقول البحرية



قال الخبير في شؤون الطاقة رودي بارودي في مقابلة حصرية مع إن اتفاقية الحدود البحرية بين لبنان وقبرص خطوة "LebTalks: ومرورية وتعطينا الأمل، لأنها لا تقتصر على تحديد أساس للتعاون بين الفريقين، بل تسهم أيضا في تقليص المخاطر عليهما، "وت ُظهر للمنطقة والعالم مدى فاعلية الحوار والديبلوماسية

ولفت بارودي إلى أن "هذه الخطوة تُتوسّج مسارا ً تأخر بلا داع لما يقارب العقدين أذ كان مجمسّدا ً منذ العام 2007، ما يجعل الإنجاز أكثر قيمة،معتبرا أن رئيس الحكومة نواف سلام وفريقه قاموا بدورهم من خلال دعم الاتفاق، لكن الفضل في تحريك الملف من الجانب اللبناني يعود بالدرجة الأولى إلى الرئيس عون، ولذلك يُعتبر هذا إنجازا شخصياً له،وينطبق الأمر ذاته على الرئيس القبرصي نيكوس مخصياً له،وينطبق الأمر ذاته على محطة تاريخية للبلدين معا

وعن أهمية هذه المعاهدة، أوضح بارودي أن "تسوية الحدود البحرية أمر بالغ الأهمية في الوقت الراهن، لأنها تفتح الباب أمام فرص جديدة، فالاتفاق يجعل لبنان أكثر جاذبية للشركاء الدوليين الكبار الذين يحتاج إليهم لتطوير قطاع النفط والغاز البحري الناشئ. وإذا تمكن هذا القطاع من ان يحقق جزء بسيط من إمكاناته، فإن الفوائد ستصل إلى كل الاقتصاد اللبناني تقريبا ، ما يجعل من هذا الاتفاق على قبرص . "سببا للاحتفال الوطني. والأمر نفسه ينطبق على قبرص

و هناً بارودي الحكومة اللبنانية على قرار منح حقوق الاستكشاف في البلوك البحري رقم 8 إلى ائتلاف دولي قوي وذو سمعة ممتازة يضم شركات توتال اينرجي الفرنسية وإيني الإيطالية وقطر للطاقة القطرية، لافتا إلى أن هذين القرارين يمه دان الطريق أمام مستقبل يصبح فيه لبنان دولة منتجة ومصد رة للغاز، ما يوفر زخما غير يمها الحاجة إلى كل دعم ."مسبوق لاقتصاد في أمس الحاجة إلى كل دعم

لكن بارودي حذ ّر من أن الطريق لا يزال طويلا أمام التنفيذ الفعلي، قائلا ً: "الخطوة الأهم الآن هي المتابعة فعلى الحكومة أن تُنفّذ سلسلة من الإصلاحات المطلوبة منها، وأن تستثمر في بناء القدرات، وتُبقي على الكفاءات والخبرات لإدارة الموارد البحرية وصونها كما أن لبنان يحتاج إلى اتفاق لترسيم الحدود البحرية والبرية مع سوريا،و تحديد نقطة ثلاثية على ذلك الجانب بين لبنان وقبرص وسوريا،وهناك مؤشرات إيجابية مع الحكومة السورية ."الجديدة

وتابع بارودي قائلاً إن على بيروت أيضاً أن تضع خطة واضحة لتطوير قطاع النفط والغاز البحري: و"أغتنم هذه المناسبة لأقترح أن تبادر الحكومة اللبنانية فوراً إلى دعوة نظيرتها القبرصية للتفاوض حول اتفاق تطوير مشترك، ينظ م تقاسم أي موارد نفطية أو غازية مشتركة تقع على جانبي الحدود البحرية، فإبرام اتفاق بهذا الخصوص سيجعل قطاعي الطاقة البحريين في كلا البلدين أكثر جاذبية للمستثمرين". وختم بارودي بحماسة قائلاً: "هذه هي الأبواب التي ف تحت أمامنا بفضل اتفاق ترسيم الحدود البحري ، لذا، مرة أخرى، نتقد م بالشكر والتهنئة إلى الرئيس عون والرئيس خريستودوليدس على حكمتهما في ."السعي وراء هذا الاتفاق، وشجاعتهما في المثابرة حتى النهاية

Baroudi congratulates Lebanese government on boundary deal with Cyprus



The decision of the Council of Ministers to approve Lebanon's maritime boundary agreement (MBA) with Cyprus is a genuine tour de force, a feather in the cap for President Joseph Aoun and his government.

This step caps a process that was unnecessarily delayed for almost two decades, but that only makes this achievement more gratifying.

Having settled maritime boundaries is crucial right now because of the opportunities it opens up. The agreement makes Lebanon much more attractive to the major international partners it needs to develop its nascent offshore oil and gas sector. If and when that sector reaches even a small fraction of its potential, the benefits should flow to virtually every corner of the Lebanese economy, so everyone in the country should really celebrate this.

As if to punctuate the moment, the Council of Ministers also awarded the rights to a key offshore area, Block 8, to a reputable international consortium consisting of France's TotalEnergies, Italy's ENI, and Qatar's QatarEnergy.

Together, these moves help to pave the road toward a future in which Lebanon becomes an energy producer and exporter, adding unprecedented momentum to an economy that desperately needs it.

These are both major milestones, and the government — along with President Joseph Aoun, whose own leadership on the border deal was crucial to initiating the negotiations — deserves plenty of credit.

The important part now is the follow-up. The government still needs to implement a long list of reforms, invest in capacity building, and retain competent personnel and managers to steward and safeguard the country's offshore resources. It also will need to do its homework on how best to nurture that offshore business.

There is so much to be done — but so much to be claimed by doing it! Getting the MBL with Cyprus finalized was at the top of the list, and resolving Block 8 was not far down, so the government deserves congratulations for both.

And since I mentioned nurturing, I also take this opportunity to propose that the Lebanese government immediately invite its Cypriot counterpart to negotiate another crucial deal: a joint development agreement, or JDA, which would govern the sharing of any oil and/or gas resources which straddle their border at sea. Setting up a JDA now would not only prevent possible delays in the future — it also would make both countries' offshore energy sectors even more attractive to investors.

Σε συνομιλίες η Κύπρος για την ΑΟΖ με τον Λίβανο. Οι επαφές που κάνει ο πρόεδρος της Κύπρου



Οι τεταμένες σχέσεις Ισραήλ-Λιβάνου και οι ραγδαίες εξελίξεις στη Μέση Ανατολή έχουν κινητοποιήσει τη Λευκωσία για επαφές υψηλού επιπέδου για την επικύρωση της ΑΟΖ με το Λίβανο. Ετσι ο πρόεδρος της Κύπρου Νίκος Χριστοδουλίδης συναντήθηκε με τον εμπειρογνώμονα περιφερειακής πολιτικής Ρούντι Μπραούντι, μακροχρόνιος υποστηρικτής του διαλόγου, της διπλωματίας και της ειρηνικής ανάπτυξης, ως προς τις ασφαλέστερες διαδρομές

προς μεγαλύτερη σταθερότητα για ολόκληρη την Ευρω-Μεσογειακή περιοχή και άτυπο διαμεσολαβητή των δύο χωρών. Μάλιστα έχει γράψει και σχετικά βιβλία, όπως την «οριστικοποίηση θαλάσσιων Συνόρων στην Ανατολική Μεσόγειο: Ποιος θα Ειναι ο Επόμενος;» και «Ένα Κλειδί, Πολλαπλά Έπαθλα: Οριστικοποίηση θαλάσσιων Συνόρων ανάμεσα στην Κύπρο, το Λίβανο και τη Συρία».

0 κ. Χριστοδουλίδης και ο ομόλογός του από το Λίβανο, ο πρώην Γενικός Τζόζεφ Αουν, συμφώνησαν τον Ιούλιο να διαπραγματευτούν και να οριστικοποιήσουν μια γραμμή θαλάσσιων συνόρων . Και οι δύο χώρες αναμένουν ότι θα αποκομίσουν πολλά οφέλη από μια τέτοια συμφωνία, και η κατοχύρωση εδαφικών συνόρων στη θάλασσα θα καταστήσει ευκολότερη την προσέλκυση ξένων επενδυτών για την ανάπτυξη των ενεργειακών πηγών τους.

«Η επίτευξη συμφωνίας θα ανοίξει όλες τις πόρτες για την Κύπρο και το Λίβανο», δήλωσε ο κ. Μπαρούντι μετά από τη συνάντηση. «Οι τάσεις πηγαίνουν στη σωστή κατεύθυνση, και όχι μόνο σε σχέση με το Λίβανο. Ο πρόεδρος της Κύπρου έχει φιλόδοξα σχέδια εξωτερικής πολιτικής, ιδιαίτερα σχετικά με τις δραστηριότητες της Κύπρου τους πρώτους έξι μήνες του 2026, όταν θα έχει την προεδρία του συμβουλίου της Ευρωπαϊκής Ένωσης».

«Εκμεταλλεύτηκα επίσης την ευκαιρία να ευχηθώ στο πρόεδρο της Κύπρου καλή επιτυχία σε αυτή την αποστολή», πρόσθεσε, «ειδικά καθώς αναμένεται να εστιάσει όχι μόνο στην ενίσχυση της συνοχής της Ευρώπης, αλλά και στην ενίσχυση του ρόλου της Κύπρου ως γέφυρα μεταξύ Ευρώπης και γειτονικών χωρών.»

Πράγματι, η Λευκωσία έχει ένα φιλόδοξο πρόγραμμα για την προεδρία της και συνεργάζεται στενά με τη Δανία, που ασκεί την προεδρία αυτό το εξάμηνο , και την Πολωνία, που θα διαδεχθεί την Κύπρο. Η λεγόμενη «τριπλή προεδρία» βοηθά στη διασφάλιση συνέχειας από τη μία προεδρία στην επόμενη.

Ο κ. Μπαρούντι έχει γράψει αρκετά βιβλία και μελέτες σχετικά με το πώς τα υπάρχοντα εργαλεία του ΟΗΕ μπορούν να βοηθήσουν τις παράκτιες χώρες να συμφωνήσουν δίκαια και ισότιμα θαλάσσια

σύνορα, να μειώσουν τις εντάσεις και να αποκομίσουν σημαντικά οικονομικά και κοινωνικά οφέλη. Έχει επίσης γράψει και μιλήσει δημόσια για διάφορες ευκαιρίες περιφερειακής συνεργασίας, από διασυνδεδεμένα ενεργειακά δίκτυα και υπεράκτια αιολικά πάρκα μέχρι κοινή διαχείριση θαλάσσιων προστατευόμενων περιοχών.

Το 2023, απονεμήθηκε στον κ. Μπαρούντι το Βραβείο Ηγεσίας από το Transatlantic Leadership Network, ένα think-tank της Ουάσινγκτον, για τη «πολύτιμη συμβολή του στην οικοδόμηση μιας ειρηνικής και ευημερούσας Ανατολικής Μεσογείου».

Σε δεκάδες άρθρα, μελέτες, εμφανίσεις στα μέσα ενημέρωσης και ομιλίες, για παράδειγμα, ο βετεράνος της κλάδου έχει τεκμηριώσει την επιχειρηματική βάση για το νησιωτικό κράτος να γίνει κέντρο επεξεργασίας και διανομής φυσικού αερίου για τους γείτονές του. Αυτό θα περιελάμβανε την Κύπρο να δημιουργήσει έναν υπόθαλάσσιο αγωγό φυσικού αερίου προς την ευρωπαϊκή ενδοχώρα, ένα εργοστάσιο υγροποιημένου φυσικού αερίου (LNG) που θα ήταν το μεγαλύτερο έργο που έχει ποτέ η χώρα, ή και υπεράκτια πλωτά συστήματα αποθήκευσης και υγροποίησης για την εξυπηρέτηση απομακρυσμένων χωρών δια θαλάσσης.

«Όλες αυτές οι μελέτες και οι παράγοντες που ανέδειξαν παραμένουν επίκαιροι σήμερα», δήλωσε ο κ. Μπαρούντι. «Η Κύπρος διαθέτει την εγγύτητα, τις τιμές γης και τις σχέσεις με τους γείτονές της για να γίνει ο συνεταιριστής όλων στις εξαγωγές ενέργειας, αλλά και να λειτουργήσει ως θεμέλιος λίθος για μια πιο σταθερή και ευημερούσα περιοχή.»

Amid Maritime Boundary Talks

in the Region, Cypriot President Receives International Energy Expert, Roudi Baroudi, on UN Demarcation Tools



NICOSIA - 29, September 2025: Cypriot President Nikos Christodoulides met today with the international energy policy expert, Roudi Baroudi, who presented copies of his two latest books, "Settling Maritime Boundaries in the Eastern Mediterranean: Who Will Be Next?" and "One Key, Multiple Prizes: Settling Maritime Boundaries Among Cyprus, Lebanon, and Syria".

Baroudi, a long-time advocate of dialogue, diplomacy, and

peaceful development as the surest routes to greater stability for the entire Euro-Med region, said he felt "honored to have been received by the President."

Christodoulides and his Lebanese counterpart, former General Joseph Aoun, agreed in July to have their respective teams negotiate and finalize a maritime boundary line (MBL). Both countries expect to derive numerous benefits from such a pact, and having treatied borders at sea will make it easier to attract the foreign investors required to develop their respective offshore oil and gas resources.

Reaching a deal "will open up all sorts of doors for Cyprus and Lebanon," Baroudi said after the meeting. "The trends are going in the right direction, and not just vis-à-vis Lebanon. The President has ambitious foreign-policy plans, particularly with regard to Cyprus' activities for the first six months of 2026, when it will hold the rotating presidency of the European Union."

"I also took the opportunity to wish His Excellency every good fortune on that mission," he added, "especially since it is expected to focus not only on shoring up Europe's cohesion, but also on beefing up Cyprus' role as a bridge between Europe and its neighbors."

Indeed, Nicosia does have an ambitious agenda for its time in the presidency, and is working closely with Denmark, the current holder, and Poland, which will follow Cyprus' term. The so-called "trio presidency" helps to ensure continuity from one presidency to the next.

Baroudi has published several books and studies on how existing United Nations tools can help coastal states to agree fair and equitable maritime boundaries, reduce tensions, and reap significant economic and social rewards in the bargain. He also has written and spoken publicly about a variety of opportunities for regional cooperation, from interconnected

power grids and offshore wind farms to joint management of marine protected areas. In 2023, he was awarded the Transatlantic Leadership Award by the Transatlantic Leadership Network, a Washington think-tank, for what it described as "his valuable contribution in building a peaceful and prosperous Eastern Mediterranean."

In addition to these works, ever since 2011, when the full potential of the East Med's offshore hydrocarbon deposits began to emerge, Baroudi's advocacy role has seen him provide thought leadership for a variety of projects and proposals that would transform Cyprus into a regional energy hub. In dozens of articles, studies, media appearances, and speaking engagements, for example, the industry veteran has made the business case for the island nation to become a gas processing and distribution center for its neighbors. This would include Cyprus hosting one end of an undersea gas pipeline to the European mainland, a liquified natural gas (LNG) plant that would be the country's largest-ever project, and/or offshore floating storage and gasification units(s) to serve more distant customers by ship.

"All of these studies and the factors they highlighted are still relevant today," Baroudi said. "Cyprus has the proximity, the land prices, and the relationships with its neighbors to make it everyone's partner for energy exports, but also to serve as the bedrock for a stabler and more prosperous region."

Ρούντι Μπαρούντι: Να Τερματιστεί η Σύγκρουση Ισραήλ- Ιράν, πριν το Κόστος της Γίνει μη Διαχειρίσμο



Σήμα κινδύνου για τις επιπτώσεις που θα έχει ο πόλεμος μεταξύ Ισραήλ και Ιράν, σε όλο τον κόσμο στέλνει ο ειδικός αναλυτής στα ενεργειακά Ρούντι Μπαρούντι. Σε συνομιλία που είχαμε μαζί του με αφορμή άρθρο του που δημοσιεύτηκε στους Gulf Times. Ο κ. Μπαρούντι εστιάζει στις ενεργειακές επιπτώσεις σημειώνοντας ότι «τα αποθέματα αργού πετρελαίου και φυσικού αερίου του Ιράν

είναι, αντίστοιχα, τα δεύτερα και τρίτα μεγαλύτερα στον κόσμο. Ενώ το Ισραήλ έχει εξηγήσει ότι οι υποτιθέμενες πυρηνικές δραστηριότητες του Ιράν ως τον λόγο.

για τον οποίο ξεκίνησε τον πόλεμο, οι επιθέσεις του έχουν επικεντρωθεί επίσης στις υποδομές πετρελαίου και φυσικού αερίου του Ιράν. Πέντε από τα εννέα μεγάλα διυλιστήρια πετρελαίου του Ιράν είχαν πληγεί και τεθεί εκτός λειτουργίας,

μαζί με αποθήκες και άλλες εγκαταστάσεις, ενώ οι ισραηλινές δυνάμεις προκάλεσαν επίσης μια τεράστια πυρκαγιά στο κοίτασμα φυσικού αερίου South Pars, το οποίο το Ιράν μοιράζεται με το Κατάρ — και το οποίο περιέχει σχεδόν τόσο φυσικό αέριο όσο όλα τα άλλα γνωστά πεδία φυσικού αερίου στη Γη. Επίσης οι ιρανικές επιθέσεις εναντίον του ισραηλινού συγκροτήματος διυλιστηρίων στη Χάιφα οδήγησαν στο κλείσιμο αρκετών υπεράκτιων πλατφορμών, μειώνοντας περαιτέρω την περιφερειακή παραγωγή υδρογονανθράκων».

Ο κ.Μπαρούντι εκτιμά ότι η κατάσταση μπορεί να επιδεινωθεί. «Η καταστροφή ή η διακοπή της ικανότητας του Ιράν να εξάγει, να επεξεργάζεται, να διανέμει και να εξάγει υδρογονάνθρακες θα προκαλούσε τεράστια προβλήματα στο εσωτερικό και θα ασκούσε ανοδική πίεση στις τιμές παντού, αν και ο παγκόσμιος αντίκτυπος θα ήταν πιθανότατα διαχειρίσιμος. Η κατάσταση θα ήταν πολύ πιο ανησυχητική εάν οι ισραηλινές επιθέσεις έπλητταν την περιοχή Μπαντάρ Αμπάς. Αυτό θα μπορούσε να προκαλέσει την εκτόξευση των τιμών του φυσικού αερίου — και άλλων μορφών ενέργειας — στις παγκόσμιες αγορές», τονίζει.

Δίνει μάλιστα μεγάλη έμφαση στα στενά του Ορμούζ καθώς συνδέει αρκετούς άλλους από τους πιο παραγωγικούς παραγωγούς πετρελαίου και LNG στον κόσμο — συμπεριλαμβανομένων του Ιράκ, του Κουβέιτ, του Κατάρ και της Σαουδικής Αραβίας — με τους πελάτες τους στο εξωτερικό.

«Ως αποτέλεσμα, κάθε μέρα, περίπου το ένα τέταρτο των παγκόσμιων αναγκών σε αργό πετρέλαιο και LNG εξέρχεται από τον Κόλπο μέσω του Ορμούζ, καθιστώντας τον το πιο στρατηγικά σημαντικό σημείο συμφόρησης της εποχής μας. Εάν αυτή η ροή σταματήσει ή ακόμη και επιβραδυνθεί σημαντικά, οι συνέπειες θα μπορούσαν να είναι καταστροφικές για μεγάλο μέρος του κόσμου. Αν και οι περισσότερες από αυτές τις εξαγωγές συνήθως προορίζονται για τις αγορές της Ασίας, ακόμη και μια σύντομη μείωση του διαθέσιμου πετρελαίου και φυσικού αερίου θα μπορούσε να εκτινάξει τις τιμές του αργού πετρελαίου, που επί του παρόντος είναι λίγο πάνω από 70 δολάρια το βαρέλι, πάνω

από τα 100 ή ακόμα και τα 120 δολάρια σύντομα. Αν μια τέτοια κρίση εφοδιασμού διαρκούσε για κάποιο χρονικό διάστημα, η παγκόσμια οικονομία θα εισερχόταν σε αχαρτογράφητα εδάφη. Όχι μόνο οι υπερβολικά υψηλές τιμές ενέργειας θα προκαλούσαν αύξηση του πληθωρισμού σε όλους τους τομείς, αλλά οι ελλείψεις καυσίμων θα μπορούσαν επίσης να παραλύσουν επιχειρήσεις κάθε μεγέθους και είδους. Μεταφορές και μεταποίηση, επεξεργασία τροφίμων και ιατρική έρευνα, παραγωγή ενέργειας, θέρμανση και ψύξη οικιακών συσκευών, ακόμη και το ίδιο το Διαδίκτυο: όλα όσα εξαρτώνται από την ενέργεια θα μπορούσαν να επιβραδυνθούν σε μικρό βαθμό. Μια παγκόσμια ύφεση σχεδόν σίγουρα θα ακολουθούσε, και δεδομένου του τρέχοντος εμπορικού περιβάλλοντος, αυτό θα μπορούσε να οδηγήσει σε μια ακόμη Μεγάλη Ύφεση».

Ο κ. Μπαρούντι καταλήγει ότι η πιθανότητα παγκόσμιας οικονομικής καταστροφής — για να μην αναφέρουμε τους οικολογικούς κινδύνους και τους κινδύνους για τη δημόσια υγεία που προκαλούν οι διαρροές πετρελαίου, πυρηνικών υλικών ή και άλλων τοξινών στο περιβάλλον — απλά δεν είναι ένας κίνδυνος που οι περισσότεροι έξυπνοι άνθρωποι θέλουν να βιώσουν. «Επομένως, αρμόζει σε όσους έχουν τη δύναμη να αλλάξουν την κατάσταση να κάνουν ό,τι μπορούν για να τερματίσουν τη σύγκρουση προτού το κόστος της γίνει μεγαλύτερο από όσο μπορεί να αντέξει μια εύθραυστη παγκόσμια οικονομία»

Roudi Baroudi Presents Latest Work to Patriarch al-Rahi



Maronite Patriarch Cardinal Mar Bechara Boutros al-Rahi received the international energy affairs expert, Roudi Baroudi, who presented the Patriarch with a copy of his new book, recently published by Notre Dame University-Louaize (NDU). The book explores ways to resolve maritime boundary delimitation disputes by peaceful means among the countries of the Mediterranean basin in general, and the East Mediterranean region particular, especially in between Lebanon, Syria, and Cyprus. It is grounded in the provisions of the United Nations Convention on the Law of the Sea, relevant international treaties, and the jurisprudence of international courts.

The true cost of ocean plastic pollution



The problem of maritime plastic-waste pollution first became apparent in the 1970s. In the half-century since then, the problem has become ever more widespread, as scientific expeditions conducted by the Tara Ocean Foundation (of which I am executive director) have shown. Large pieces of debris, such as fishing nets, and their disastrous effects on marine life, are the most visible symptom. Such waste is estimated to kill more than one million seabirds and over 100,000 marine mammals annually, often through entanglement or suffocation, and promotes transport of invasive species, triggering a cascading effect on the ecosystems in which they play a central role.

Less visible, but more pervasive, are microplastics, which have been found in the deepest ocean trenches and all types of marine life. Microplastics can, among other things, modify bacterial and viral communities and disperse chemical toxins in food chains (often after being ingested by marine organisms). Some of these toxins, such as phthalates, are

associated with the chemistry of plastics, while others, such as pesticides and heavy metals, are absorbed by the plastic before it reaches the ocean and enters the food chain.

How these toxic substances interact with plastics has been the subject of much study. Plastic is comprised of monomers that have been chemically bonded to form long chains of polymers — ethylene, styrene, and propylene become polyethylene, polystyrene, and polypropylene. But the process of polymerisation is often imperfect, and some of the unpolymerised monomers that remain in plastic, like different types of styrene and bisphenol, pose major environmental and health risks.

Moreover, other chemical additives, including plasticisers, fillers, colorants, flame retardants, and antioxidants, are incorporated into polymer formulations to modify their properties. And non-intentionally added substances (NIAS) impurities, raw materials used in manufacturing, byproducts, and degradation products — bind to finished plastics. In most cases, because free monomers, additives, and NIAS are simply trapped within the tangle of polymer chains, rather than being chemically bound to them, they are more likely to leach out during the production, use, and disposal of plastic, migrating into liquids, gases, and solids. Some 16,000 such molecules have been identified, but their effects are still not fully known, nor is their toxicity, which can change depending on how they are combined. What we do know is that one-quarter of these 16,000 molecules are pose a hazard to human health or the environment by disrupting biochemical processes in living organisms.

Halting the flow of microplastics and toxic pollutants into the world's bodies of water is a Sisyphean task. Nevertheless, scientists are trying to stem the problem. For example, the Tara Europa expedition, in coordination with the European Molecular Biology Laboratory and more than 70 scientific institutions across the continent, has spent the past two

years investigating how these hazardous substances make their way into the seas and oceans bordering Europe. The mission plans to share its findings soon.

But the generation of toxic waste and debris is not the only way that plastic can harm ocean health. The plastics industry has been a major driver of climate change, accounting for an estimated 3.4% of global greenhouse-gas (GHG) emissions. Plastic production is on track to contribute 15% of GHG emissions by 2050, exacerbating global warming and thereby increasing the threats to marine life, which is sensitive to rising water temperatures.

Because plastic degrades the entire biosphere, not just the ocean, it is not a waste problem that can be solved by a few sustainability-minded citizens' recycling efforts. This is a systemic crisis that requires an economy-wide solution. A better approach is to understand plastic as one of the "new entities" that must not leak into the environment, a view initially formulated by the Stockholm Resilience Centre in its work on planetary boundaries and later endorsed by the United Nations. While acknowledging the impossibility of defining a precise threshold for harm, such an approach highlights the need for a drastic reduction in plastic use.

Research suggests that it would be economically feasible to halve global plastic production at a cost which would almost surely be less than the cost of inaction. But, according to a recent study by researchers at the University of California, Berkeley, even this reduction would not be enough to limit global warming to 1.5° Celsius above preindustrial levels, the target set by the Paris climate agreement. Instead, they found that meeting this goal would require a 75% reduction in plastic production compared to 2015.

'THE POSSIBILITIES ARE ENDLESS': ENERGY EXPERT LAUNCHES NEW BOOK ON RESOLVING MARITIME BOUNDARIES



ZOUK MOSBEH, 23-04-2025: Energy expert Roudi Baroudi signed copies of his latest book during a launch event at Notre Dame University — Louaize on Wednesday.

The book, "Settling Maritime Boundaries in the Eastern Mediterranean: Who Will Be Next?", is part of Baroudi's yearslong effort to promote regional energy cooperation. In it, the author makes the case that if East Med countries are serious about exploiting their offshore hydrocarbons, they need to settle their maritime borders in order to attract the major energy companies whose technical and financial muscle are virtual prerequisites for undersea oil and gas activities.



Co-hosted by the Office of NDU Publications (which published the book) and the university's Office of Research and Graduate Studies, the signing event took place at NDU's Pierre Abou Khater Auditorium. All proceeds from sales of the book will go toward Student Financial Aid at NDU.

Inspired by the landmark US-brokered October 2022 agreement that saw Lebanon settle most of its maritime boundary with old foe Israel, the new tome stresses the need to define other East Med borders as well, including those between Lebanon and Cyprus, Lebanon and Syria, Syria and Cyprus, Cyprus and Turkey, and Turkey and Greece.

Publication was delayed by the outbreak of the Gaza war in October 2023, but the author says that conflict — which also led to massive destruction and loss of life in Lebanon — only underlines the need for regional players to find a new modus vivendi.



"We can't keep doing the same things over and over again, and then expecting a different outcome," Baroudi said during the NDU event. "For the first time in many years, all of Lebanon's branches of government — Parliament, Cabinet, and Presidency — are fully functional. We have to start thinking of ways to reduce the scope for friction, to open the way for foreign investment, and hopefully start producing offshore gas."

"Almost all of Lebanon's energy needs are met by imported hydrocarbons; imagine if we discover enough gas to provide 24/7 electricity to all Lebanese," he added. "And what if we had enough to start exporting it, too? Lebanon's coast is less than 100 kilometers from Cypriot waters: this means that once the island and its partners have built a pipeline and/or a liquified natural gas plant, Lebanese gas could flow straight into the entire European Union, one of the world's largest energy markets. The possibilities are endless. And now imagine all of the countries of the region having similar prospects — just because they finally got around to figuring out where their national waters begin and end."

In addition to the manifold benefits of energy security and lucrative export revenues to fund domestic investment in things like education, healthcare, fighting poverty, and transport, Baroudi said the exercise of negotiating sea borders could help build trust and good will.

"There isn't enough of those commodities in the East Med region, and often for good reason," he explained. "But we have to start somewhere, and maritime boundaries are a great place to do that because they open the way for investment and various forms of cooperation, direct or indirect, including fisheries monitoring and regulation, marine protected areas, tourism, weather forecasting, search and rescue, etc."

With more than 47 years of experience, Baroudi has worked in multiple fields, from electricity, oil and gas, petrochemicals to pipelines, renewables, and carbon pricing mechanisms. He also has led policy and program development with, among others, the World Bank, the US Agency for International Development, the International Monetary Fund, and the European Commission. The author of several books including "Climate and Energy in the Mediterranean: What the Blue Economy Means for a Greener Future" (2022) - as well as numerous studies and countless articles, his expertise has made him a highly sought-after speaker at regional energy and economic conferences. Currently serving as CEO of Energy and Environment Holding, an independent consultancy based in Doha, he is also a Senior Fellow of the Transatlantic Leadership Network, a Washington think-tank. In 2023, he received the TLN's Leadership Award in recognition of his efforts to promote peace.

ENERGY EXPERT'S NEW MARITIME BOUNDARY BOOK ARRIVES AMID

WAVE OF EAST MED BORDER DIPLOMACY



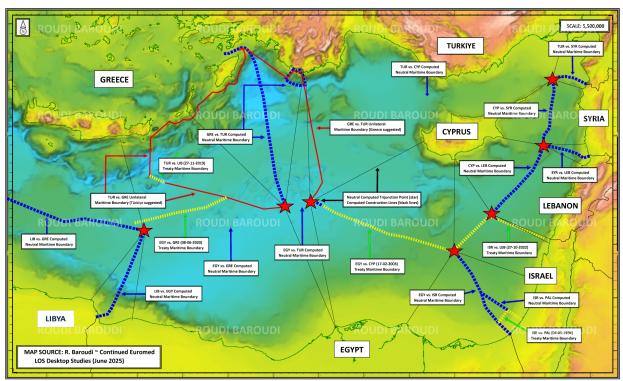
Recent weeks have been multiple contacts among several countries including — Cyprus, Greece, Lebanon, and Syria — aimed at increasing cooperation among East Mediterranean

countries.

This flurry of diplomatic activity provides the perfect backdrop as Notre-Dame University — Louaize is pleased to announce that it will host a book launch and signing on April 23rd, welcoming international energy expert Roudi Baroudi as he releases his latest work, "Settling Maritime Boundaries in the Eastern Mediterranean: Who Will Be Next?"

The book outlines the need for countries in the region to resolve their maritime boundaries, the energy and other economic opportunities that doing so could open up, and the legal, scientific, and technical means of ensuring that delimitation is fair and equitable. The volume even carries exclusive, high-precision maps indicating with unprecedented accuracy where the negotiated or adjudicated sea borders of several East Med countries would be, as per United Nations rules.

EURO MED RESOLVED & UNRESOLVED MBL 2025



Yellow lines - Fully Treatied MBs.

Dark Blue dashed lines - 100% neutral strict equidistance lines (unresolved/disputed)

Red solid lines - Unilateral Claimed MBL

The book emphasizes that settling these unresolved boundaries — including those between Lebanon and Cyprus, Lebanon and Syria, Greece and Turkey, Turkey and Syria, Syria and Cyprus, and Turkey and Cyprus — is a necessary first step for those seeking to develop offshore energy resources. The advent of energy security and possible lucrative exports could have a profound effect on several states, allowing them to make historic investments in schools, hospitals, and transport infrastructure, all while creating well-paying jobs and reducing poverty and inequality. Baroudi also highlights a series of cross-border benefits, including reducing potential irritants between neighbors, building trust, and opening up new avenues for cooperation.

As a 47-year veteran of the energy industry, Baroudi has a wealth of experience to share, and does so frequently as an author and speaker, promoting energy as a catalyst for dialogue and peace wherever and whenever he can. He will be on hand for the launch at NDU's Pierre Abou Khater Auditorium beginning at 12:00 noon, answering questions and signing copies of the book for anyone who purchases one.

All sale proceeds will go toward Student Financial Aid at NDU.

