



The Energy Evolution: Energy Diversification for a Lower Carbon World

Tuesday, June 11, 2024

8:30 AM – 12:00 PM

Morning Optional Pre-Conference Workshops *(additional registration required; descriptions of workshops available on IES website)*

Negotiating, Drafting and Documenting a Solar Power Purchase Agreement

Angela Aroozoo, Associate General Counsel, APAC, Canadian Solar

Supasit Boonsanong, Partner, Tilleke & Gibbins

Charuwan Charoonchitsathian, Partner, Tilleke & Gibbins

Franck Constant, President and CEO, Constant Energies

Jonathan Fong, Senior Associate, Pinsent Masons

Khomson Kenyotha, Thailand Country Manager, TotalEnergies

The Evolving Energy and Petroleum Laws of Thailand, Vietnam, Malaysia and China: A Comparative Overview of the Changing Regulatory Landscape

Dr. Piti Eiamchamroonlarp, Faculty of Law, Chulalongkorn University

Luu Hoang Ha, Chairman, Nami Energy

Fariz bin Abdul Aziz, Partner, Skrine

Joanne Du, Partner, Mayer Brown

Moderator: Monsicha Pongrujikorn, Counsel, Chevron Thailand Exploration & Production Ltd.

1:00 PM – 7:00 PM

IES Registration

1:30 PM – 5:00 PM

Afternoon Optional Pre-Conference Workshops *(additional registration required; descriptions of workshops available on IES website)*

Designing and Developing CCS/CCUS Projects: Conditions for Deployment, Project Structures and Risk Allocation

Gabrielle Finger, Commercial Manager, Storegga

Nick Fulford, Senior Director, Gas/LNG-Carbon Management-Energy Transition–Americas, Gaffney Cline

Damian Johnston, VP Gas Business Development Asia Pacific, bp

Darren P Murphy, Partner, Jones Day

Optimizing the AIEN Model Liquefied Natural Gas (LNG) Sale and Purchase Agreement

James English, Partner, Clark Hill

Nick Kendrick, Counsel, Mayer Brown

Patricia Tiller, Partner, Hunton Andrews Kurth

Norman Nadorff, Special Counsel, Mayer Brown

Steven Otilar, Partner, White & Case

5:30 PM – 7:00 PM

Speed Networking Event *(complimentary for all attendees; registration is on a first-come, first-served basis on-site, limited to the first 80 attendees)*

7:00 PM – 9:00 PM

Welcome Reception

Wednesday, June 12, 2024

7:30 AM – 9:00 AM **Women in Energy Networking Breakfast** *(additional registration required)*
Dr. Wandee Khunchornyakong Juljarern, Chair and CEO, SPCG Public Co.
Tipsiri Leosakul, General Counsel, ExxonMobil Thailand
Moderator: Mieke Liu, Senior Associate, A&O Shearman

Join us for this well-regarded event bringing together IES speakers, AIEN Board members, and other female leaders across the sector to share aspirations, discuss successes and headwinds, describe challenges turned into opportunities, and impart advice from sometimes hard-fought lessons learned along the way. Our featured speakers will share experiences and outline how they overcame certain challenges presented during their leadership journey. This will be followed by informal round-table discussions made more valuable by blending different backgrounds, cultures, and generations together for engaging dialogue that ignites meaningful progress and advancement.

8:00 AM – 9:00 AM **Registration & Continental Breakfast**

9:00 AM – 9:20 AM **Opening Remarks**
Ricardo Alves Silva, Outgoing AIEN President; Partner, Miranda Law Firm

9:20 AM – 10:00 AM **Keynote Address: The NOC Balancing Act: How to Leverage the Strengths of Conventional Energy While Exploring Energy Diversification**
Montri Rawanchaikul, CEO, PTTEP

The integrated National Oil Companies (“NOCs”) play a pivotal role in the energy transition. NOC’s are often at the forefront of a nation’s development plan for conventional oil and gas, as well as the nation’s task to develop a regulatory framework and industrial capabilities for future applications and value realization of new energies. Integration of traditional, alternative, and new solutions to secure sustainable energy for a nation is critical to the socio-economic success of that nation. Khun Montri Rawanchaikul’s has decades of experience in the industry and his current role as the leader of Thailand’s largest E&P business and will share how PTTEP’s global perspective is critical to its success as Thailand’s largest energy producer. He also will share his views on the balancing act that NOC’s must manage between maintaining conventional energy production while integrating new energy solutions.

10:00 AM – 11:00 AM **One Year Later – Is Natural Gas Still Relevant to the Energy Evolution? A Look at the Buyer/Seller Relationship and Beyond**
Andrew Kirk, Vice President Origination, LNG, B Grimm
Steve Morrell, Senior Vice President, ExxonMobil PNG LNG
Moderator: Edward Taylor, Partner, A&O Shearman

Natural gas continues to be front and center in the evolution of the global energy portfolio. As countries look to their energy solutions, how does natural gas, particularly LNG, impact the security, affordability and sustainability of a robust energy future? The panel will explore the opposing buyer/seller viewpoints of the global LNG market, building on the ongoing challenges regarding partnership, long-term contracting, market upheavals and the overarching goals of energy security and affordability in the global portfolio.

11:00 AM – 11:30 AM **Morning Refreshment Break**

11:30 AM – 12:15 PM **Keynote Address: Practical Solutions to Achieving Climate Goals**
Adif Zulkifli, Executive Vice President and CEO-Upstream, Petronas

As one of the world’s leading and largest energy companies, Petronas is well-positioned to implement practical solutions targeting the global climate goals from the UN Paris Climate Agreement. Here to share Petronas’ chapter of ASEAN’s journey to carbon neutrality, our keynote speaker will demonstrate his company’s short-, mid-and long-term targets, which focus on stepwise, science-based changes in its

operations to reach its net zero goals that are anchored in commercial practicality, national policies and international frameworks.

12:15 PM – 1:45 PM

Networking Luncheon

1:45 PM – 2:15 PM

Musings on the Energy Transition from a Serial Hydrocarbon Producer

Dr. Sean Guest, CEO, Valeura Energy Limited

Media and governments globally continue to espouse the vision of “net-zero” greenhouse gas emissions by 2050. While Dr. Guest fully supports this admirable challenge, the latest predictions indicate the world will almost certainly be consuming as much oil and gas in 2050 as it is in 2024. Putting aside the debate as to when we can attain “net zero”, for the world to move toward the goal in a meaningful way, it is apparent that significant progress must be made in the field of carbon abatement, including, industrial-scale capture and safe storage of carbon (CCS). The technologies all currently exist and have been in use by our oil and gas industry for decades. We are experts in the necessary fields of gas processing, gas transportation, drilling, geoscience, and importantly, the financing and construction of mega-projects. This intellectual capacity creates the opportunity for CCS, but significant challenges remain before it can progress at pace. Advancing an economic model and supporting a legal and regulatory framework are the near-term keys to enabling CCS to achieve meaningful progress in pursuit of the “net zero” vision.

2:15 PM – 3:15 PM

Boulos Lecture Series: Turning Conflicts into Opportunities for Natural Gas E&P Development in Southeast Asia

Dr. Kurujit Nakornthap, Executive Director, Petroleum Institute of Thailand (PTIT), a former Permanent Secretary of Energy Ministry, and a former Thai Co-Chairman of Malaysia Thailand Joint Authority (MTJA)

Each year, AIEN hosts an annual lecture series in honor of Alfred J. Boulos, former AIEN president and highly regarded international energy negotiator. Al was active in the international petroleum industry for more than 50 years, serving as AIEN’s sixth president, as well as founding the London-based European Petroleum Negotiators Group.

3:15 PM – 4:00 PM

Keynote Address: The Rising Price of Energy Development

Luca Vignati, Upstream Director, ENI

Resource accessibility is one of the key drivers for the energy evolution that our industry is working hard to manage. Likewise, the cost of doing so, whether for traditional or new energies, is a growing challenge for many companies. As companies and nations consider how to encourage investment in traditional or new energies, what financial tools and solutions are arising to meet this challenge? Mr. Vignati will discuss the evolving dynamics of how companies and nations are tackling this issue.

4:00 PM – 4:30 PM

Afternoon Refreshment Break

4:30 PM – 5:30 PM

Securing Critical Minerals for Cleaner Energy

Norman Bissett, Foreign Legal Consultant, Baker McKenzie

John Kwon, General Counsel and Head of Global and Legal Strategy, CATL

Moderator: Myles Mantle, Partner, Mayer Brown

Advancing new technologies and alternative energy sources is heavily dependent on the development and usage of rare earth and critical minerals which are essential for wind turbines, solar panels, electric vehicles and other technologies. Understanding the commercial, environmental, and geopolitical concerns around their mining and usage begins to look very similar to early traditional energy days. In contrast, to the traditional oil and gas space, the use of these critical minerals is much more directly tied to end users and the general population (solar panels, EVs, etc.). As an industry, how do we balance the driving need of an end-user market with the commercial/environmental challenges with mining these critical minerals? How do we, as stewards of the energy future, apply our learnings and best practices surrounding resource allocation to ensure we are addressing a supply-side scarcity in a responsible and commercial way?

5:30 PM – 5:40 PM **Closing Remarks**
Egon van der Hoeven, Co-Chair, IES 2024, Vice President Business Development -Asia Pacific, ExxonMobil

7:00 PM – 11:30 PM **Awards Dinner, Royal Thai Navy Hall**

Thursday, June 13, 2024

7:30 AM – 8:30 AM **Registration & Continental Breakfast**

8:30 AM – 9:00 AM **Opening Remarks**

9:00 AM – 9:50 AM **Stakeholder Engagement and the Energy Transition**

Michael George DeSombre, United States Ambassador (Ret), Partner Sullivan & Cromwell
Paul Everingham, CEO, Asia Natural Gas & Energy Association (ANGEA)
Matthew Wittenstein, Chief of Section, Energy Division, UNESCAP

Ambassador Michael G. DeSombre will lead this session and discuss a range of topics relating to how to define and interact with government agencies and personnel in the contact of companies working and living overseas. He will introduce the topic of resource-sharing agreements amidst territorial disputes as one example of government and other stakeholder engagement, offering examples of engagement during his time as Ambassador. He will then ask his co-panelists to introduce additional comments or examples of meaningful engagement concerning the Energy Transition. Our speakers will shed insight on Energy Policy in the Asia South region and will also give specific examples of stakeholder engagement occurring between governments and companies.

9:50 AM – 10:20 AM **Keynote Address: Navigating a Secure and Sustainable Energy Transition in ASEAN**

Dr Zulfikar Yurnaidi, Manager, Energy Modelling and Policy Planning Department and Acting Manager, Energy Efficiency and Conservation Department, ASEAN Centre for Energy

Guided by the ASEAN Plan of Action for Energy Cooperation (APAEC), energy transition is inevitable in Southeast Asia. The region is committed to enhancing energy connectivity and market integration in ASEAN to achieve Energy Security, Accessibility, Affordability, and Sustainability for All. Therefore, it is imperative for ASEAN to realize an energy transition that is just, secure, and sustainable. The ASEAN Centre for Energy (ACE) represents the interests of the 10 ASEAN member states in the energy sector and plays a crucial role in pursuing the region's energy transition. As a regional think tank, catalyst, and knowledge hub, ACE conducts research and cooperation activities to advance the region's energy sector, such as through the regular publication of the ASEAN Energy Outlook, the implementation of strategic projects, and capacity building for ASEAN member states.

10:20 AM – 10:50 AM **Morning Refreshment Break**

10:50 AM – 11:45 AM **How, What, Where and When Does Hydrogen Fit into the Energy Transition in Asia-Pacific?**

Vitaly Osokin, Deputy General Manager, Corporate Business Development-Asia Pacific, Chevron
Anuj Tyagi, Senior Manager, Energy Transition & Decarbonization, Mubadala Energy
Ye Zhuang, Vice President, Oilfield Services & Equipment, Asia Pacific, Baker Hughes
Moderator: Phil Solomon, Managing Director, Berkeley Research Group

This panel will explore the development of a hydrogen economy across Asia-Pacific, including hydrogen's role in the portfolio of supply of new energies across the region. It will consider how conventional and novel energy companies in the region are assessing to and capitalizing on opportunities for the deployment of hydrogen in the region. It will also consider the types of hydrogen derivatives that are likely to take hold in Asia (ammonia, methanol, e-fuels, e-natural gas, and others) and their likely applications, such as co-firing for power generation, chemicals production, and maritime, aviation and road transportation. The panel will explore how industry is seeking to optimize technology and other

cost-reduction measures to improve the competitiveness of hydrogen against traditional energy sources, the importance and role of incentives and carbon reduction credits, and the experience from other regions globally in advancing the use of hydrogen as a viable new source of energy. .

11:45 AM – 12:30 PM

Large-Scale Decarbonization: Regional Approaches

Irtiza Sayyed, President Low Carbon Solutions, ExxonMobil Asia Pacific

Bernhard Koudelka, Vice President Carbon Capture and Storage, Shell

Moderator: Melvin Chen, Vice President, Head of Power & Renewables Consulting, APAC, Wood Mackenzie

Enabling large-scale decarbonization requires regional cooperation, cross-border CO2 movement, and national policies to encourage investment, development, and safe operations. Comprehensive regulations have yet to be established in many countries around the world. With domestic policies in varying stages of development and nascent carbon credit markets, long-term investors require certain minimum standards to enable initial investments decisions. This panel will dive into regional approaches to large-scale decarbonization with mature projects like Northern Lights in the European Union, burgeoning hubs in the United States, and developing frameworks in certain Asia Pacific countries.

12:30 PM – 2:00 PM

Networking Luncheon

2:00 PM – 3:00 PM

Perspectives on Renewables and Storage Development: Southeast Asia and Beyond

Rassa Herabat, Head of Asset Management & RE Project Manager, Investment Dept., Prime Road Power

Vijay Krishnan, Partner and Head of Asia Pacific, Rystad Energy

Rizky Muhammad Kahfie, Secretary General, Indonesia CCS Center

Dr. Akarin Suwannarat, Executive Vice President & Special Assistant to CEO, Energy Absolute

Moderator: Chris Flynn, Partner, Gilbert & Tobin

Addressing simultaneous demand growth for electric power and decarbonization requires the need for modern solutions that yield near around-the-clock renewable power supply. This session will provide an overview of case studies and highlight key drivers of risk and value creation for these solutions both in Southeast Asia and beyond. Presenters will discuss challenges in developing and operating renewable energy projects, the opportunity and need for energy storage technologies and the development of transmission grids.

3:00 PM – 3:30 PM

Afternoon Refreshment Break

3:30 PM – 4:15 PM

Understanding the Legal Risks of the Low Carbon World – From Climate Change Litigation to Arbitration Across the Globe

Razman Hashim, Senior Vice President Group Legal & Group General Counsel, Petronas

Constantine Partasides, KC, Partner, Three Crowns, LLP

Anisha Sud, Partner, King & Spalding

Moderator: Kevin O'Neal, Managing Counsel, Corporate Affairs & Strategy, Chevron Corporation

As the race to achieve net zero decarbonization targets accelerates, the challenges to evolve from a fossil-based to a low-carbon energy economy become increasingly evident. Innovative technology or better systems and new contractual structures will be needed to meet these challenges. However, there will be challenges emerging over time that will result in impasses, which require traditional forms of dispute resolution to arrive at solutions that guide the energy evolution. A recent survey report that focused on energy disputes identified a range of issues that stakeholders in the energy transition can expect to encounter in getting to net zero. They included disputes relating to price of raw materials and energy supply; construction of new infrastructure and supply chain; government policy changes; security of energy supply; sanctions and their impact on contractual performance; climate change and environment; development of innovative technologies; aging assets and decommissioning; and maritime activities. Our panel of pre-eminent experts will look out over the energy dispute landscape and share their views on the emerging themes and challenges for dispute resolution in the energy evolution.

4:15 PM – 5:00 PM

Financing the Low Carbon World and How to Align Investments with ESG Goals

Cathy Marsh, Deputy Director General, Private Sector Operations, Asia Development Bank
Tomoyuki Miyaguchi, Chief Representative of Thailand, Cambodia, Lao PDR and Myanmar Finance Group, Japan Bank of International Cooperation
Hitomi Komachi, Partner -Banking and Finance, A&O Shearman
Moderator: Yulia Dobrolyubova, Partner, Corporate Sustainability and Climate Change Lead, ERM

Join us for an insightful conversation with our diverse panel of experts as they share their perspectives and experiences on how to finance projects and businesses in conventional and new energies to meet environmental, social, and governance (ESG) criteria. Learn, through successfully financed projects, about the challenges and opportunities of integrating ESG factors into investment decisions, the legal and regulatory frameworks that support or hinder ESG compliance, and the role of multilateral development banks in promoting sustainable development.

5:00 PM – 5:15 PM

Closing Remarks

Mike J. Beirne, Incoming AIEN President; Sr. Commercial Manager, Hess Corporation