



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

Supasit Boonsanong, Partner, Tilleke & Gibbins

Khomson Kenyotha, Thailand Country Manager, TotalEnergies

Franck Constant, President and CEO, Constant Energies

Angela Aroozoo, Associate General Counsel, APAC, Canadian Solar

This workshop will provide AIEN's first look at drafting the essential contract in solar energy, the power purchase Agreement ("PPA"). The PPA is central to all of the elements in the buyer-seller relationship for solar energy. This session panel has significant regional legal and business in creating and drafting PPAs in Asia Pacific but also in running solar businesses, selling solar power and working the supply and logistics associated with this renewable energy. The workshop will conclude with a mock negotiation session.

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

Ha H. Luu, Partner, VILAF

Farin bin Abdul Aziz, Partner, Skrine

Joanne Du, Partner, Mayer Brown

This workshop will provide a comprehensive and comparative overview of the current and emerging energy and petroleum laws in four Asian countries: Thailand, Vietnam, Malaysia and China. It will examine the legal frameworks, challenges and opportunities for investors and operators in these jurisdictions, as well as the regional and global implications of their energy policies. Led by Dr. Piti, a leading academic in Thailand Petroleum laws and advisor to the Thai Government in the drafting of the new Thailand Petroleum Act and law firm partners with extensive expertise and experience in the energy sector.

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

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

Damian Johnston, VP Gas Business Development Asia Pacific, bp

Vitaly Osokin, Business Development Manager, Chevron

This workshop will be an interactive review of policy frameworks used around the world that regulate CCUS development and explore what is needed on the policy enablement front to take a project from concept to execution. This workshop-level discussion will walk through the selected global policies that are advancing CCUS development and how these differing policies enable (or not) the ambitious projects required to meet NetZero objectives. We will discuss the potential scope, best practices and pitfalls of how governments are working to support the progress and development of CCUS projects.

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

James English, Partner, Clark Hill

Patricia Tiller, Partner, Hunton Andrews Kurth

Harry Sullivan, Assistant General Counsel, Kosmos Energy

Norman Nadorff, Counsel, Mayer Brown

The workshop will take a deep dive into the AIEN FOB LNG Sale and Purchase. The instructors will guide the participants through multiple base provisions and options chosen for inclusion in the model form. A particular emphasis on heavily negotiated issues in the LNG industry (quantity flexibility, liabilities, delivery start date, etc.) will guide the discussion. The instructors will also draw from example deals in the Asia Pacific region (Japan, Korea, China, Thailand, Malaysia, Australia etc.) to put deal provisions in context.

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; description available on IES website)*

The integration of traditional vs new energy space allows greater growth/development of skills and leadership opportunities through the exchange of ideas and new perspectives from those with a common goal: to provide energy security, affordability, and sustainability for all. To ignite ideas and kick off our 2024 summit, we are inviting our attendees to join our female speakers and other notable women leaders across the energy source spectrum in a networking breakfast.

8:30 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 and President, 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 **Fireside Chat: 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

Harald Link, President and CEO, B Grimm

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: A Case Study in ESG – The Thuen-Hinboun Power Company Hydropower Project in Laos**
Joe Cummings, Award-Winning Travel Journalist and Editor-at-Large, CNN

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.

Traditional and renewable energy projects are underway around the globe but maintaining standards and safeguards during this period of innovation and urgency remains critical for the people and communities we serve. Asia's renowned travel writer and cultural commentator Joe Cummings will take us through the development and decision-making behind a hydroelectric power project in Lao People's Democratic Republic. The Theun-Hinboun Power Company ("THPC") is a public-private partnership between the Lao Government, Thailand's MDX Lao Public Company and Nordic Hydropower AB. The project is considered a highly successful model for sustainable energy. Mr. Cummings will revisit his chronicle of the THPC journey to implement the highest standards in ESG and construction. He also will walk us through the project community and impact assessments and will share with us the project's engagement strategies that continue to make THPC a leading project in the energy evolution space.

- 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
Thomas O'Donnell, Chief Financial Officer, Asia Pacific Potash Corporation
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 Hoven, 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 – 9:40 AM **Keynote Address: The Political Side of the Energy Transition**
- This speaker will 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. In this instance, our speaker will give a brief overview of US Energy Policy in the Asia South region and will also give specific examples of engagement occurring with American companies abroad.
- 9:40 AM – 10:20 AM **Keynote Address: From Origination to Utilization: Evolution of Energy Businesses Lifecycle in the post-COP26 World, Including an Update on COP28**
Dr. Nuki Agya Utama, Executive Director, ASEAN Centre for Energy
- Dr. Nuki is the current Executive Director for the ASEAN Centre for Energy, also known as ACE. ACE recently launched the 7th Annual ASEAN Outlook. The 7th Outlook sets forth three energy target scenarios for ASEAN in achieving regional energy targets. He will share his observations on the 7th Outlook and he will also discuss several ACE publications and findings in the search to better understand the current energy base case and the road to the energy transition.

10:20 AM – 10:50 AM	<p>Morning Refreshment Break</p>
10:50 AM – 11:45 AM	<p>How, What, Where and When Does Hydrogen Fit into the Energy Transition in Asia-Pacific? Brad Zannes, Head of Sales & Strategy, Markets & Strategic Partnerships - Asia Pacific, Fortescue Future Industries Valery Tubbax, CEO, Intercontinental Energy James Hearne, Senior Legal Counsel & Deputy General Manager of Energy Legal Department, Mitsui Moderator: Dan Feldman, Partner, King & Spalding, LLP</p> <p>This panel will explore the development of a hydrogen economy across Asia-Pacific, including its interaction with the existing hydrocarbon supply chain, from upstream to downstream. It will consider how conventional and novel energy companies in the region are mobilizing around the opportunities for large-scale, low-carbon molecule business models. It will also consider what types of hydrogen-derived molecules are likely to take precedence in Asia (ammonia, methanol, e-fuels, e-NG and others) and their likely applications e.g., co-firing for power generation, steelmaking, chemicals production, maritime, aviation and road transport. The panel will explore challenges to the installation of infrastructure to enable large-scale import and export, the importance and role of incentives across the value chain, the experience from other regions globally and how Asia-Pacific can become a worldwide leader in the sector. Finally, the panel will consider the role of the AIEN in supporting the scale-up of the sector, lessons that can be learned from its role in standardizing oil and gas trading arrangements, and the likely trajectory of the industry for the rest of the 2020s.</p>
11:45 AM – 12:30 PM	<p>Large-Scale Decarbonization: Regional Approaches Irtiza Sayyed, President Low Carbon Solutions, ExxonMobil Asia Pacific Bernhard Koudelka, Vice President Carbon Capture and Storage, Shell Priya Prasad, Attorney, Office of the General Counsel U.S. Department of Commerce Moderator: Melvin Chen, Vice President, Head of Power & Renewables Consulting, APAC, Wood McKenzie</p> <p>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.</p>
12:30 PM – 2:00 PM	<p>Networking Luncheon</p>
2:00 PM – 3:00 PM	<p>Perspectives on Renewables and Storage Development: Southeast Asia and Beyond Raghuram Natarajan, CEO, Blueleaf Energy Vijay Krishnan, Partner and Head of Asia Pacific, Rystad Energy Dr. Belladonna Maulianda, Special Energy Advisor, Indonesia Moderator: Chris Flynn, Partner, White & Case</p> <p>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.</p>
3:00 PM – 3:30 PM	<p>Afternoon Refreshment Break</p>

3:30 PM – 4:15 PM

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

Constantine Partasides, KC, Partner, Three Crowns, LLP
Doak Bishop, Partner, King & Spalding LLP

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, Allen & Overy
Moderator: Thomas Hilboldt, Managing Director of ESG Integration – Equities, HSBC Hong Kong

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