



# Energy, utilities and mining

Dear all

We have compiled industry-related thought leadership articles, publications, global trends, insights and activities to support your engagement with clients in the Energy, Utilities and Mining (EUM) sector. Happy reading!

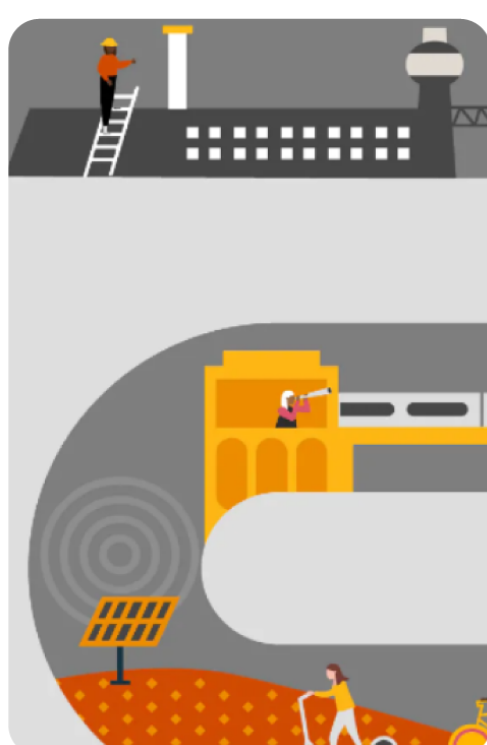
## Featured Articles

### Inventing tomorrow's energy system: The road ahead for molecules and electrons

By PwC

🕒 2 June 2021

The renewable energy transition that promises to reduce carbon emissions is happening at different speeds around the globe. This report by PwC explains the implications of the new world energy order and how the public and private sectors must work together as the industry moves towards cleaner, sustainable energy sources. [Read more...](#)



### Transforming coal into the fuel of the future

By NHK World Japan

🕒 28 July 2021

A new processing technique used in Japan on lignite, more commonly known as brown coal, extracts hydrogen from the fossil fuel. Could this be the low-cost energy of the future? [Read more...](#)

### PTT shines on carbon credit trading to support national net zero emissions

By The Nation Thailand

🕒 16 July 2021

Thailand relies heavily on legacy energy sources but is showing promising signs of a shift towards decreasing its carbon emissions. Applying a carbon price would speed up the transition towards meeting emission targets. PTT Plc announced they are pushing for a carbon credit trading system with goals to support the net zero carbon target. [Read more...](#)



### Advancing supply chain security in oil and gas: An industry analysis

By The World Economic Forum (WEF) in collaboration with PwC

🕒 August 2021

In this report, WEF and PwC attempt to identify and mitigate supply-chain cyber risks that are widespread within the oil and gas (O&G) industry. It also lays a blueprint for collaboration within the O&G community and a risk management strategy that shows cooperation between actors is critical for addressing cyber security threats. [Read more...](#)

### Analysis: Thailand's crude oil imports remain tepid but spike in plastics usage boosts condensate intake

By S&P Global

🕒 28 July 2021

The report shows that Thailand's crude oil imports declined within the first half of 2021 as a result of weak domestic demand. The figures fell by 19% year on year (YOY) to 787,469 barrels per day (b/d) in June, and over the first half of the year fell 7.2% YOY to 834,689 b/d. [Read more...](#)



### ASEAN oil and gas updates 2021

By ASEAN Energy Centre

🕒 8 September 2021

Using data collected from governments, the private sector and international organisations, the ASEAN Oil and Gas Updates 2021 report presents industry updates and movements within the O&G sector of ASEAN countries. Highlights include gas production, and upstream and downstream activities. [Read more...](#)



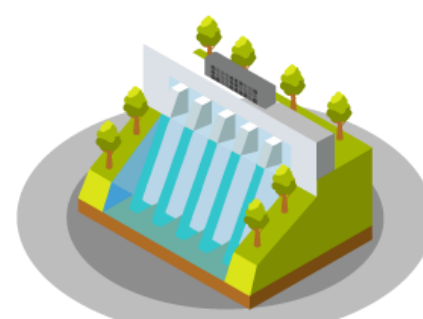
### PTT, Foxconn cooperate on EV facility

By Bangkok Post

🕒 16 September 2021

Following the signing of a joint memorandum on electric vehicles (EV) in May, PTT Plc and Hon Hai Precision Industry have taken the first steps to setting up an EV production facility in the Eastern Economic Corridor. This investment is poised to be the catalyst in shifting Thailand's status from a gasoline engine manufacturer to the EV production centre of ASEAN. [Read more...](#)

## Articles about ESG



### A Colombian energy company's bold bet on sustainability

By s+b, a PwC publication

🕒 24 August 2021

The President of Grupo Energía Bogotá (GEB) shares his thoughts on the future of the energy sector in Colombia, the energy sources that'll play a critical part in the country's energy transition and the challenges in pursuing a sustainability strategy. [Read more...](#)

### Energy transition is "daunting": Petronas chief executive

By Upstream

🕒 31 August 2021

As the global O&G industry begins its transition towards greater sustainability, the Chief Executive of Petronas provides his insights on the challenges of the energy transition, and how businesses must embrace ESG practices, as these trends are here to stay. [Read more...](#)

### Global hydropower industry launches ESG standards to attract investors

By Reuters

🕒 8 September 2021

Investors are increasingly factoring in Environment, Social and Governance (ESG) principles as part of their investment decisions. To increase transparency and investor confidence, the Hydropower Sustainability Council (HSC) has launched the industry's ESG performance standards. [Read more...](#)

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