



CO-HOST



ASIA REFINING & PETROCHEMICALS TECH FORUM

Meeting Growing Energy Demand during the Energy Transition

8–9 October 2025 • Jakarta, Indonesia



**POST EVENT
REPORT**

europetro.com/asiatech



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Introduction



On October 8–9, ASIA-TECH 2024 brought together leading figures from the regional downstream industry at the DoubleTree by Hilton Hotel Jakarta – Diponegoro, Indonesia. The conference focused on supporting both local and regional operators in optimising production, strengthening operational efficiency, and navigating increasing energy demands amid the ongoing energy transition.

We were honoured to open the conference with welcome remarks from Taufik Adityawarman, CEO of Kilang Pertamina Internasional, followed by an opening address from Laode Sulaeman, Director General at the Ministry of Energy and Mineral Resources, Indonesia. Their insights set a strong foundation by outlining Indonesia's downstream priorities and national energy objectives.

With a comprehensive two-day programme, ASIA-TECH 2024 featured keynote presentations, panel discussions, and technical sessions covering market outlook, sustainability strategies, downstream-petrochemical integration, decarbonisation pathways, technology innovation, and advancements in renewable and alternative fuels. The event also provided ample opportunities for meaningful networking, enabling delegates to exchange ideas and build valuable connections throughout the conference.



Sponsors & Exhibitors

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Participating Companies



ASTER



avantium



Chandra Asri



essa

FGE Nexant^{ECA}
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INTI FAJAR PRATAMA
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Key Speakers



Laode Sulaeman
Director General
MINISTRY OF ENERGY AND MINERAL RESOURCES



Taufik Adityawarman
CEO
KILANG PERTAMINA INTERNASIONAL



Setyo Pitoyo
VP Business Development
KILANG PERTAMINA INTERNASIONAL



Arief Budiyanto
Director, Business Development
TUBAN PETROCHEMICAL INDUSTRIES (TUBANPETRO)



Larry Tan
VP of Chemical Consulting (Asia)
S&P GLOBAL



Benoit Durupt
Global Market Manager
Hydroprocessing
AXENS



Cecile Plain
Senior Business Development Manager
AXENS



Andang Pungkase
Head of ESG & Sustainability
PT CHANDRA ASRI PACIFIC TBK



Viktor Dede
Head of NextGen Technologies
EVONIK



Naji Abou Chedid
Solution Development Leader
HONEYWELL UOP



Simon Angell
Regional Head of Business Development - Asia
KBC (A YOKOGAWA COMPANY)



Colin Choong
Key Account Manager
TOPSOE



Suresh Koduru
Process Development Manager
CHEVRON LUMMUS GLOBAL (CLG)



Jay Jeong
Refinery Process Specialist
ALFA LAVAL



Jimmy Vaeth
Technical Sales Manager
CRYSTAPHASE

Event Highlights

See below the key highlights from the event!

250+

REGISTERED
DELEGATES

37

COUNTRIES

90

PRE-ARRANGED
MEETINGS

28

SPEAKERS &
PANELISTS

51%

PRODUCERS

49%

SUPPLIERS

VIDEO HIGHLIGHTS



Watch the highlight video to relive the energy, insights, and innovation from Asia Tech Forum 2025!



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EVENT PHOTOS



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PHOTO BOOTH



See our special photobooth sponsored by Eni & Chevron Lummus Global!



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Executive Summary



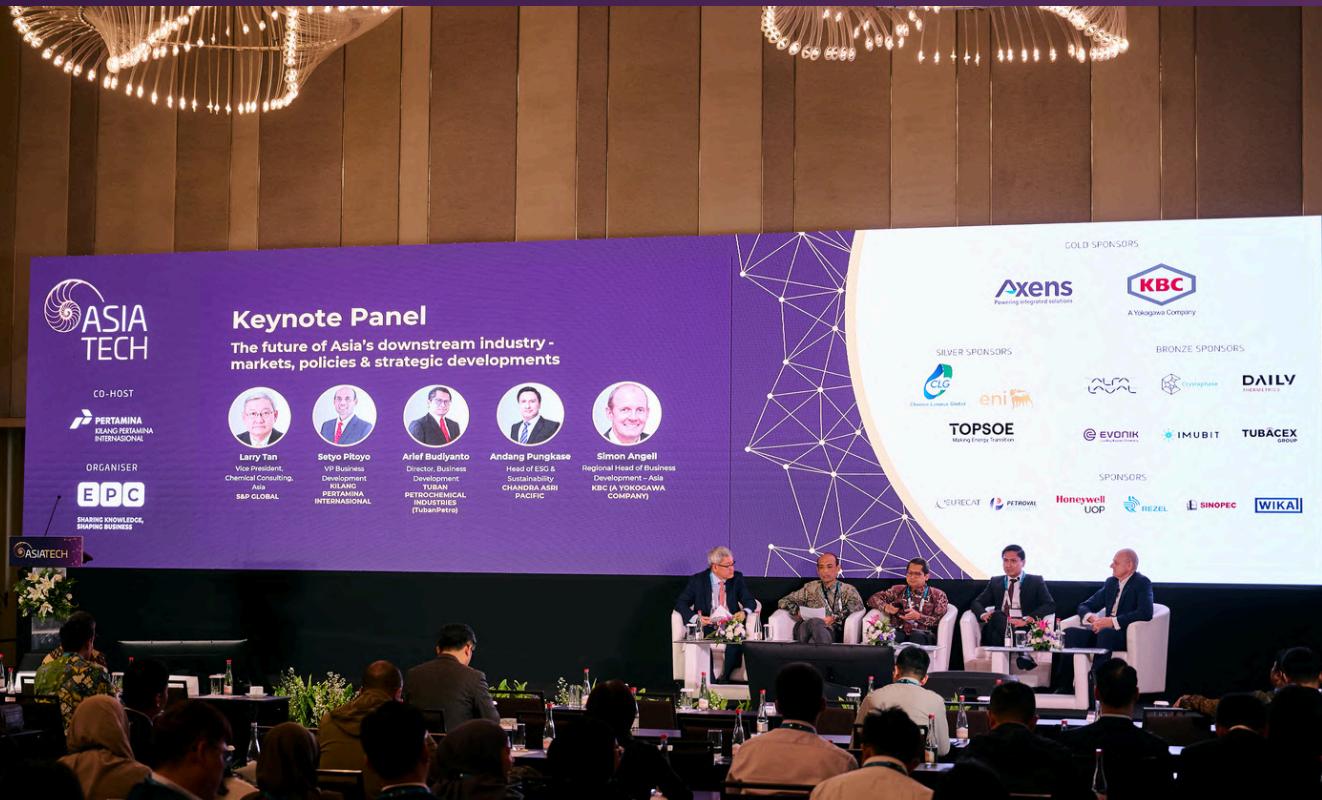
ASIA-TECH 2024 delivered a dynamic two-day program that brought together leading voices from Asia's downstream industry to address market trends, sustainability strategies, and technology innovations shaping the sector's future.

Day One set the stage with insights into global and regional market dynamics, followed by a keynote from Kilang Pertamina Internasional emphasizing operational efficiency and sustainability. A highlight was the Keynote Panel on Asia's downstream future, where industry leaders explored policy shifts, investment trends, and strategies for balancing profitability with sustainability. Technical sessions throughout the day focused on decarbonisation pathways, operational flexibility, and digital-enabled performance improvements, featuring practical solutions from KBC, Axens, Alfa Laval, and Daily Thermetrics.

Day Two shifted to advanced technical discussions, showcasing innovations in residue upgrading and chemical conversion technologies from CLG and UOP. A panel on refining-petrochemical integration highlighted process optimisation, circular economy principles, and AI-driven efficiency. Later sessions addressed renewable and alternative fuels, with experts from Topsoe, Axens, KPI, and Pertamina sharing developments in SAF, renewable diesel, and low-carbon fuel strategies. The event concluded with a Closing Panel on scaling SAF deployment, tackling policy frameworks, feedstock challenges, and investment strategies to accelerate adoption. ASIA-TECH 2024 reaffirmed its role as a premier platform for knowledge exchange and collaboration, equipping industry stakeholders with actionable insights to navigate the energy transition and drive sustainable growth.

Day 1

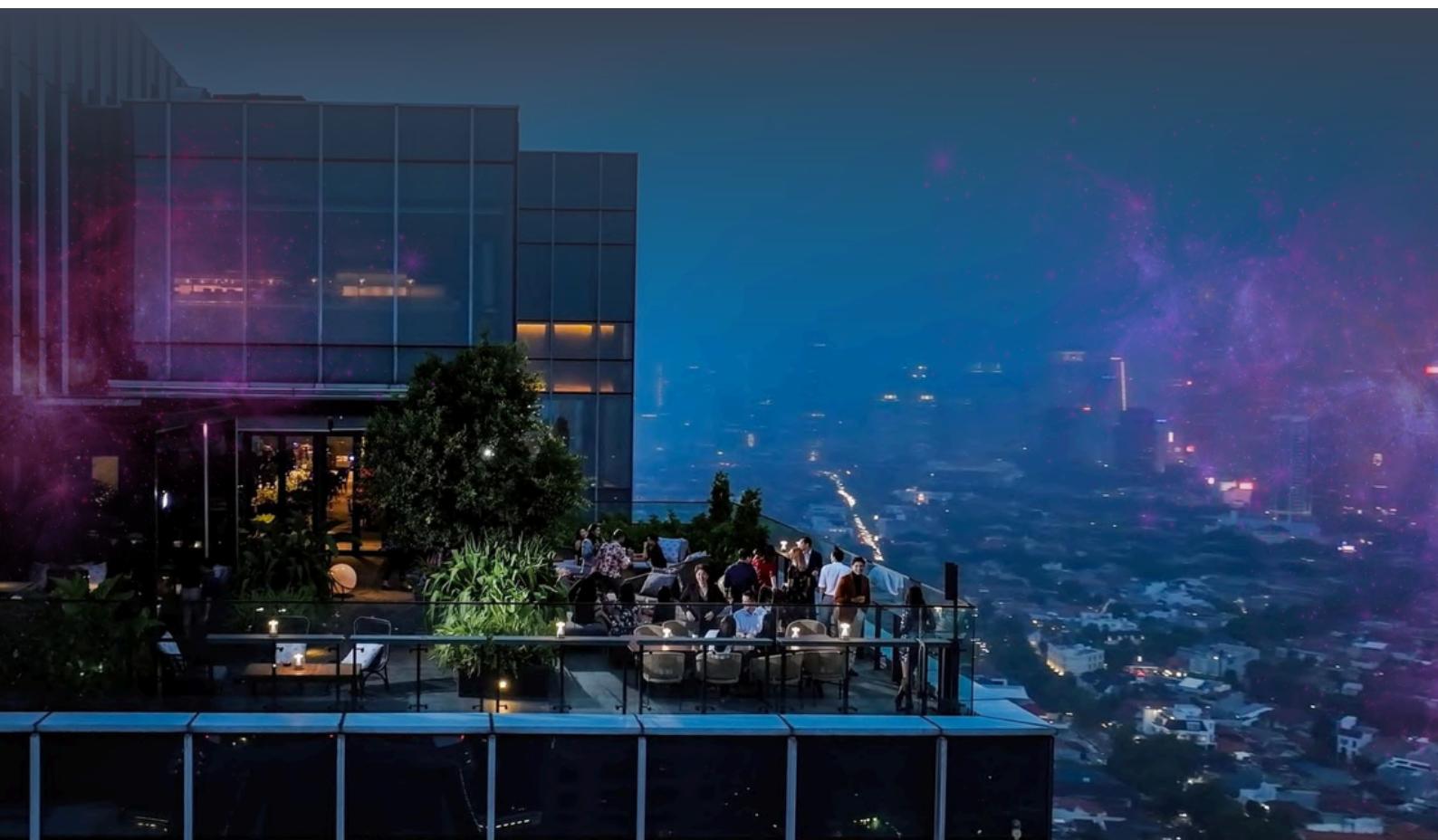
Day 1 opened with the Global & Regional Market Trends and Energy session, featuring insights from Larry Tan, VP Chemical Consulting Asia at S&P Global. This was followed by a Producer Keynote from Yusuf Iskandar, Manager Project Partnership at Kilang Pertamina Internasional, who highlighted key sustainability and operational strategies shaping today's refinery landscape.



A major highlight of the morning was the Keynote Panel: The Future of Asia's Downstream Industry – Markets, Policies & Strategic Developments. Representatives from Kilang Pertamina Internasional, TubanPetro, Chandra Asri Pacific, and KBC (a Yokogawa Company) discussed the evolving downstream landscape—covering regional policy shifts, market dynamics, investment trends, and long-term strategies for balancing sustainability with profitability. The panel also emphasised the importance of public-private collaboration in enabling industry transformation.

Throughout the day, delegates participated in sessions on Asian downstream decarbonisation pathways, operational flexibility, competitiveness, and technology innovations aimed at improving profitability and energy efficiency. Speakers from KBC (A Yokogawa Company), Axens, Alfa Laval, and Daily Thermetrics presented practical solutions and case studies focused on emissions reduction, refinery optimisation, and digital-enabled performance improvements.

Networking Evening



Day One of the conference concluded with a networking evening at Kita Bar.

Delegates enjoyed drinks and local cuisine at one of Jakarta's highest rooftop bars, engaging in lively discussions, networking, and many interesting conversations. A special thank-you to **KBC (A Yokogawa Company)** for sponsoring the evening.



A Yokogawa Company





Day 2

Day 2 opened with a strong technical focus, highlighting advancements in residue upgrading and chemical conversion technologies. Presentations included CLG's EST slurry hydrocracking technology and UOP's naphtha-to-ethane and propane process, both showcasing solutions aimed at improving feedstock utilisation and maximising product value.

This was followed by a panel discussion on integrating refining and petrochemical technologies, where speakers explored process optimisation, the application of circular economy principles, and the role of AI-driven tools in enhancing efficiency and operational reliability.

In the subsequent session on renewable and alternative fuels, experts from Topsoe, Axens, KPI, and Pertamina shared the latest developments in sustainable aviation fuel (SAF), renewable diesel, and low-carbon fuel pathways. Topics covered included technology readiness, co-processing strategies, and the implementation of sustainability and biodiversity practices across downstream operations.

The event concluded with the Closing Panel Discussion: Scaling SAF Deployment – Unlocking Growth & Overcoming Challenges. Panelists from Kilang Pertamina Internasional, Axens, Tripatra, and Topsoe examined the policy frameworks required to scale SAF production, strategies to overcome feedstock limitations and production cost barriers, investment and commercialisation approaches, and the long-term profitability outlook of SAF within the broader energy transition.





The Future of Asia's Downstream Industry - Markets, Policies & Strategic Developments

Moderator:

- Larry Tan, Vice President, Chemical Consulting, Asia, S&P Global

Panellists:

- Setyo Pitoyo, VP Business Development, KILANG PERTAMINA INTERNASIONAL
- Arief Budiyanto, Director, Business Development, TUBAN PETROCHEMICAL INDUSTRIES (TubanPetro)
- Andang Pungkase, Head of ESG & Sustainability, CHANDRA ASRI PACIFIC
- Simon Angell, Regional Head of Business Development – Asia, KBC (A YOKOGAWA COMPANY)

The ASIA-TECH 2025 Keynote Panel brought together senior industry leaders to discuss the evolving landscape of Southeast Asia's refining and petrochemical sectors amid accelerating global decarbonisation efforts. The discussion explored how market dynamics, investment trends, policy frameworks, and public-private collaboration are shaping the region's energy transition, with a special focus on Indonesia's strategic positioning in the downstream transformation.

The session featured perspectives from leading organizations including S&P Global, Chandra Asri Pacific, KBC (a Yokogawa Company), and Pertamina, providing a cross-sectional view of industry, technology, and policy priorities in the region.

Indonesia's Strategic Positioning in Southeast Asia's Downstream Transformation

Opening the dialogue, the moderator directed the first question to Chandra Asri Pacific, inviting to share insights on Indonesia's strategic advantages and

investment direction following the company's recent acquisition of the Shell Bukom refinery and petrochemical complex.

It has been highlighted that market dynamics in the region are heavily influenced by geopolitical trends, trade policies, and cyclical shifts in petrochemical demand. However, the ongoing energy transition has emerged as the defining force reshaping downstream industries, pushing companies to adapt from fuel-focused operations to more flexible, integrated chemical production models.

Integration between refining and petrochemicals provides a critical advantage, enabling producers to optimize output and profitability while adapting to new market realities. Chandra Asri's strategy is centered on synergy, innovation, and ESG-aligned investment, turning environmental challenges into opportunities for sustainable growth.

Investment Trends and Policy-Driven Decarbonisation

Continuing the discussion, KBC Asia-Pacific, addressed the role of ESG metrics and financing conditions in shaping investment priorities. It has been explained that access to capital is increasingly tied to ESG due diligence and carbon-intensity criteria, creating cost pressures for carbon-intensive industries but also incentivizing efficiency improvements.

The energy efficiency investments are the most practical starting point for decarbonisation, offering positive returns while reducing emissions. In regions such as Europe and the United States, progress has been accelerated by carbon taxes and investment grants, whereas in Southeast Asia, only Singapore has introduced a formal carbon pricing mechanism.

Achieving similar momentum across the region will require policy action from governments, aligning incentives with long-term sustainability goals. The Singapore carbon tax model, as noted by the moderator, demonstrates how collected funds can be reinvested into decarbonisation initiatives by encouraging industry participation while maintaining competitiveness.

The panel then turned to the challenge of balancing sustainability and profitability. The need for innovative energy management, integrating new technologies during planned plant turnarounds, and using digital optimization tools to sustain energy performance over time have been underscored as key elements, concluding with that a well-structured decarbonisation roadmap, supported by both technical and financial planning, is essential for achieving meaningful carbon-abatement progress.

Public-Private Collaboration in Industry Transformation

The final segment examined how collaborative frameworks between government and industry can accelerate Indonesia's downstream transformation.

Panelists noted that large-scale progress cannot be achieved by state enterprises alone; instead, public-private partnerships (PPPs) must evolve into strategic mechanisms that attract private investment, mitigate risk, and facilitate technology transfer.

Examples were shared where joint refinery and petrochemical projects have successfully mobilized capital and expertise, highlighting the importance of policy alignment to create an enabling investment environment. Collaborative efforts not only secure financing but also build local technical capacity, enhance innovation, and drive domestic value creation.

A representative from Pertamina further explained how mergers and acquisitions have become critical for enhancing project control and accelerating new developments. The speaker pointed to opportunities in biofuel co-processing, where current refineries process only 2–3% biofeedstock but could significantly increase this share through advanced technologies and industry partnerships.



Regional Perspectives and Policy Alignment

Comparison of the the energy transition frameworks of Indonesia and Singapore. Indonesia's plan to phase out coal power and implement carbon trading contrasts with Singapore's progressively increasing carbon tax. These differences, will lead to higher operational costs but also drive innovation and cross-border learning.

For Chandra Asri, maintaining competitiveness means embedding sustainability within the core business strategy and collaborating with all stakeholders, from policymakers to technology providers, to overcome decarbonisation challenges in hard-to-abate sectors such as refining and petrochemicals. There is a need for collective infrastructure development, including carbon capture, transportation, and storage hubs, supported by clear regulation and investment frameworks.



Technology, Cost Efficiency, and the Path Forward

Concluding the panel, panelists addressed the cost trajectory of decarbonisation technologies and explained that while process improvements and incremental gains are underway, major cost reductions in carbon capture and hydrogen production remain limited in the near term due to capital intensity.

However, industrial clustering and shared infrastructure could significantly lower overall costs by optimizing energy use and reducing the scale of new capital investments. Drawing examples from Japan, the Netherlands, and France, noted that collaborative energy clusters are emerging as a key solution to balance efficiency and cost in the transition to low-carbon operations.

It has been emphasized that collaboration is the most immediate and powerful enabler for achieving both economic and environmental goals aligning perfectly with the panel's overarching message.

Keynote Panel Closing Remarks

The moderator concluded the session by thanking the panelists for their insights and contributions. He highlighted that technological innovation alone is not enough, the true transformation requires collaboration, policy alignment, and pragmatic investment models that balance national development goals with commercial realities.

The discussion reaffirmed that Indonesia's downstream evolution will depend on the synergy between government leadership, private-sector innovation, and global partnerships. Together, these forces will define how Southeast Asia navigates the twin imperatives of sustainability and profitability in its energy future.



Integrating Refining & Petrochemical Technologies - Pathways to Efficiency & Circularity

Moderator:

- Kevin Gunawan, Business Development Manager – Indonesia, ARGUS

Panellists:

- Rizki Ekananda, Lead Specialist Downstream Research, PERTAMINA (PERSERO)
- Viktor Dede, Head of NextGen Technologies, EVONIK
- Keith C. Couch, Senior Director, Business Development, HONEYWELL UOP

Closing the Loop: Circular Economy in Practice

The session began with a deep dive into how refiners and technology providers are embedding circular economy principles across operations and product design.

Evonik highlighted that sustainability and circularity are now core components of its global strategy, with new additives and materials designed to enable chemical recycling and polymer circularity. The company has developed additives for pyrolysis oil upgrading and is actively investing in in-house recycling capabilities, such as a new pilot plant for polyurethane foam recycling, converting end-of-life materials into reusable feedstocks.

Evonik emphasized that collaboration across the value chain—from plastic collectors to technology providers—is crucial to accelerate the commercial readiness of circular technologies.

Circularity is no longer a technical challenge, now it's about creating the right partnerships and business models.



Scaling Plastic Circularity: The Feedstock and Cost Challenge

Honeywell UOP provided insights into the economic and logistical realities of scaling circular plastic solutions.

While small-scale recycling hubs can successfully process waste, achieving commercial-scale output requires a massive increase in collection and sorting capacity. Current feedstock availability and costs remain major bottlenecks, with the price of recyclable plastics rising sharply as demand for circular feedstocks grows.

Honeywell noted that while pyrolysis oil can substitute for traditional feedstocks like vacuum gas oil, its variable composition, contaminants, and logistics make scaling difficult without targeted policy incentives and advanced pre-treatment technologies. Scaling circularity requires feedstock security, better sorting, and policy alignment—not just technology readiness.

Indonesia's Perspective: Localized Circular Solutions

Pertamina shared how Indonesia's unique archipelagic geography presents both challenges and opportunities for circular economy implementation.

With over 17,000 islands, large centralized facilities face high logistics costs for collecting and aggregating waste. Pertamina is exploring modular and community-scale units capable of converting local waste—such as plastics or used cooking oil—into valuable fuels.

This distributed circular model reduces transport emissions, supports local economies, and provides energy security to remote regions. However, achieving scale will require stronger waste segregation systems and economic incentives to make collection and processing viable.

A hybrid model combining small modular systems with scalable centralized plants—offers the best path forward for Indonesia.

Low-Carbon Refining and Technology Adoption

The discussion then turned to refinery decarbonization and strategies to lower carbon intensity through both incremental improvements and transformational innovation.

Honeywell UOP highlighted practical pathways to reduce emissions, such as:

- Optimizing heat exchange and energy recovery systems,
- Improving catalyst activity to lower furnace firing, and
- Retrofitting existing assets in phased upgrades rather than major overhauls.

The panel agreed that risk management frameworks for new technology adoption must evolve. The traditional approach of waiting years for proven results can hinder competitiveness, particularly as regional peers move faster with government-backed R&D programs.

Evonik presented a case study from its low-carbon plant in Singapore, designed to achieve net-zero Scope 1 and 2 emissions through vapor recompression and energy recovery systems, reducing CO₂ emissions by over 70% compared to conventional assets.

Pertamina shared updates on co-processing initiatives using used cooking oil to produce Sustainable Aviation Fuel (SAF), as well as ongoing R&D on locally formulated catalysts for hydroprocessing and FCC units. Decarbonization will rely on both breakthrough technologies and smarter, incremental improvements to existing assets.

The Digital Frontier: AI, Automation, and Efficiency

Digital transformation was identified as a key enabler of operational excellence and carbon reduction.

Evonik has deployed digital twins for plant design, commissioning, and project management, and is expanding their use into real-time operations. These digital systems, combined with AI-driven predictive models, soft sensors, and operator chatbots, improve efficiency, minimize downtime, and support predictive maintenance.

Honeywell emphasized that AI and digitalization complement—not replace—human expertise. With sensor costs dropping dramatically, refiners can now monitor composition, energy usage, and hydrogen flows across the plant with real-time precision, unlocking new layers of efficiency.

AI enhances human decision-making—turning decades of operational experience into data-driven insight.

Key Takeaways

- Circularity requires collaboration—technology alone is not enough without value chain partnerships and financing.
- Feedstock logistics and policy frameworks remain the key barriers to scaling circular plastic recycling.
- Localized and modular approaches can unlock circularity in diverse geographies like Indonesia.
- Low-carbon refining demands both innovation and agility in adopting new technologies.
- AI and digitalization are critical tools for achieving real-time efficiency and predictive operations.

Panel Closing Remarks

The panel underscored that the refinery of the future will not emerge from a single innovation, but from the integration of circular economy principles, low-carbon technologies, and intelligent digital systems—all working together to create a sustainable, competitive downstream industry.

Efficiency, circularity, and digital intelligence are not just trends, they are the foundation of Asia's next-generation energy landscape.





Closing Panel Discussion

Scaling SAF Deployment - Unlocking Growth & Overcoming Challenges

Moderator & Scene Setter:

- Jia Ming Ong, Senior Consultant, FGE NexantECA

Panelists:

- Sakhundiyar Sakhun, Senior Specialist Bioenergy & Biofuel Development, KILANG PERTAMINA INTERNASIONA
- Raymond Naldi Rasfuldi, President Director & CEO, TRIPATRA
- Stephane Wermester, Commercial Vice President Asia-Pacific, AXENS
- Colin Choong, Key Account Manager, TOPSOE

Scene-Setter: Scaling SAF Deployment at Asia-Tech 2025

The scene-setter opened with a clear overview of why sustainable aviation fuel (SAF) has become one of the most urgent topics in global decarbonisation. The aviation sector currently contributes around 2% of global CO₂ emissions, and with jet fuel demand still rising, that share will continue to grow. Unlike road transport, aviation lacks rapid decarbonisation alternatives, making SAF the most practical near-term solution as it offers immediate CO₂ reduction without major infrastructure changes.

The speaker outlined the global policy landscape, contrasting the U.S. “carrot” approach (financial incentives and credits for GHG reduction) with Europe’s “stick” model (mandates and penalties for non-compliance). In Asia, progress is accelerating, with early mandates and financial support emerging, notably South Korea’s clear SAF blending requirements.

A forecast from FGE NexantECA highlighted the challenge ahead: while global SAF production may reach about 2 million tonnes in 2025, that still represents less than 1% of total jet fuel demand. Even with 15% annual growth, SAF would only reach 20% of total jet fuel by 2050, far short of the 80% share needed for net-zero.

The presentation then reviewed the four major technology pathways — HEFA, Alcohol-to-Jet, Gasification/FT, and Power-to-Liquids (PtL) — noting that HEFA currently dominates with 98–99% of global capacity due to its maturity and lower cost, though it is limited by feedstock availability. PtL, while costly, offers the greatest long-term decarbonisation potential.

Feedstock integrity and carbon intensity (CI) were also highlighted as critical differentiators, with waste and residue oils (e.g. used cooking oil) offering the lowest CI compared to crop-based inputs. Markets vary in how they reward CI reduction versus simple blending targets, shaping investment strategies region by region.

Finally, the speaker underlined that policy support remains essential to bridge the price gap, with SAF still 2–3 times more expensive than fossil jet, but that increasing transparency, harmonised standards, and emerging book-and-claim systems could unlock broader market participation and investment.

Panel Discussion Starts:

This high-level panel convened leading stakeholders from across the Sustainable Aviation Fuel (SAF) value chain including Pertamina (KPI), Tripatra, Axens, and Topsoe to examine the real-world challenges and

opportunities of accelerating SAF production and adoption across Asia. The discussion underscored that while technology readiness is no longer the bottleneck, feedstock integrity, policy alignment, and offtake certainty remain the decisive factors shaping the pace of scale-up.

Project Success Factors and Market Readiness

Panelists agreed that SAF ventures differ fundamentally from traditional oil and gas projects. While conventional refineries focus on technology and cost optimization, SAF projects hinge on securing reliable feedstock and long-term offtake agreements.

Financial institutions such as ADB and IFC are ready to support projects that demonstrate these fundamentals. However, inconsistent feedstock classifications across the EU, U.S., and Asia complicate trade and investment strategies. Developers like Tripatra highlighted that ensuring feedstock traceability, certification, and sustainability can take over a year before construction even begins, emphasizing the importance of early supply-chain alignment.

From the operator's perspective, Pertamina (KPI) shared insights from its SAF co-processing journey — a two-year process involving regulatory compliance, certification, and carbon-intensity measurement. By leveraging its internal ecosystem, including airline subsidiary Pelita Air, Pertamina is preparing to pilot SAF blending on international routes while collaborating with regulators to establish phased mandates.

Co-Processing as a Bridge Solution

Both Pertamina (KPI) and Topsoe noted that co-processing provides a practical bridge to accelerate SAF deployment. Transitioning from crude oil to

waste-based feedstocks such as used cooking oil demands new logistics and supplier networks, yet it allows existing assets to deliver certified SAF volumes quickly. Co-processing could account for 10–15% of global SAF supply by 2030, offering a transitional pathway while standalone plants and alternative technologies like Alcohol-to-Jet and Power-to-Liquids mature.

Policy, Incentives, and Market Mechanisms

The discussion highlighted policy uncertainty as a major barrier to scaling SAF. Divergent definitions of eligible feedstocks and varying regional mandates create complexity for developers and investors.

Organizations such as the Asian Transport Fuels Association (ATFA) are advocating for harmonized regional frameworks to improve market clarity. Panelists also emphasized the potential of carbon-credit mechanisms and book-and-claim systems, enabling SAF producers to decouple production and consumption geographies for instance, allowing Indonesian-produced SAF to generate verified credits for European carriers, reducing logistics costs while delivering measurable emission reductions

Economics and the Cost of Sustainability

While technology improvements continue, panelists acknowledged that SAF will remain more expensive than fossil jet fuel due to its hydrogen intensity and complex conversion processes. Bridging the price gap will require shared responsibility among governments, airlines, and consumers through policy incentives, tax credits, and willingness to absorb higher costs as part of broader climate commitments.

Closing Panel Remarks:

The consensus was clear: technology is ready, but markets are not yet mature. Asia's ability to scale SAF deployment will depend on:

- Robust feedstock traceability and certification standards
- Stable, long-term policy frameworks to attract investment
- Innovative financing and carbon market models
- Cross-sector collaboration across the aviation and refining value chain

As concluded by the moderator, the SAF transition is not just an energy challenge it is a test of industrial cooperation, policy innovation, and collective will to drive a sustainable aviation future for the region.



Testimonials

"Asia Tech is a great forum which brings together the regions best and brightest operators and engineers. Always a great event "

Director
CRYSTAPHASE

"ASIA-TECH 2025 provide a great material for refineries and petrochemical to have a more efficient production while embedding the decarbonization initiatives "

Climate Resilience Manager
CHANDRA ASRI PACIFIC

"Its a quite wonderful experience to have broader network with other technology practician."

Project Partnership Manager
**KILANG PERTAMINA
INTERNASIONAL**

"ASIA-TECH 2025 served as a crucial platform, bridging the gap between traditional industry challenges and cutting-edge technological solutions"

Manager - Sales & Technology
DAILY THERMETRICS

"Very well organized, I have appreciated the appointments made by EPC.

The good point was large attendance of Indonesia customers. The negative point was very little number of customers coming from outside of Indonesia within SEA region."

APAC Commercial Vice President
AXENS

"As always, a great event, very helpful conference staff, and lot if prominent and relevant people that we can meet and exchange ideas with."

**Lead Specialist Downstream
Research**
PERTAMINA (PERSERO)



Watch the full video testimonials to relive the energy, insights, and innovation from ASIA TECH FORUM 2025!



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FGE NexantECA 27,164 followers 1mo • Edited • [Follow](#)

We're proud to share that [Jia Ming Ong](#) took the stage at this week's [#AsiaTechForum](#) in Jakarta, not only as a speaker on Sustainable Aviation Fuel (SAF) but also as the moderator of a key panel discussion.

ASIA-TECH brought together leaders from across the refining and petrochemical sectors to tackle the challenges of decarbonisation, feedstock diversification, and energy transition. Jia Ming's insights into SAF deployment and his leadership in facilitating dialogue among industry experts helped drive forward the conversation on low-carbon solutions in aviation.

Jia Ming took to the stage alongside experts:

- ◆ [Raymond Naldi Rasfuldi](#), President Director & CEO, TRIPATRA
- ◆ [Stephane Wermester](#), Commercial Vice President Asia-Pacific, AXENS
- ◆ [Colin Choong](#), Key Account Manager, TOPSOE
- ◆ [Sahkundiya Sahkun](#), Senior specialist Bioenergy & biofuel development, KPI

A huge congratulations to Jia Ming for representing FGE NexantECA and contributing to such a critical global discussion.

To initiate a discussion with the FGE NexantECA team, or for more information, email us at contactus@fgenexanteca.com

#FGENexantECA #SustainableAviationFuel #EnergyTransition #AsiaTech2025
#Decarbonisation #SAF #DownstreamInnovation #ClimateAction



Cécile Plain 2 Following Senior Business Development Manager - Decarbonation & Consulting Service... [View my services](#) 1mo • [Follow](#)

It was a great pleasure to be able to present #Axens solutions through recent use studies on #circularconomy development. Thanks to #EPC during the #AsiaTechForum in Jakarta, we got the opportunities to exchange a lot about the #energytransition and the future of the and gas industry in the APAC region.

Azrol Abd Hamid 2 Following Licensing Manager at Topsoe | Clean Fuels & Syngas 1mo • [Follow](#)

It's been a great week in Jakarta at #AsiaTechForum, where I had the opportunity to share insights on decarbonizing the aviation industry through Sustainable Aviation Fuel (SAF).

While HEFA remains the most promising pathway today, thanks to its technological maturity and competitive production cost, it's clear that scaling up other technologies will be key as first and second-generation feedstocks become increasingly limited.

At Topsoe, we're proud to offer a full range of solutions from Hydroflex to Gas-to-Liquid (GTL), Alcohol-to-Jet (ATJ), and e-Fuels (PX); enabling the transition based on your feedstock and sustainability goals.

Always happy to connect and exchange ideas on how we can accelerate the future of sustainable aviation together.

Amrul Atiqi Tine Haj Andersen Colin Choong Arizka Alamsyah

Roman Roux 2 Following Vice President @ Axens | Decarbonization, Consulting 1mo • [Follow](#)

Cécile Plain shared real case studies of the circular economy currently under development worldwide during Euro Petroleum Consultants conference. Do not hesitate to contact her for valuable insights and brainstorming ideas!

Edison Tan, CEng MChemE 1 Following Consultant | Innovator | Self-Starter | Optimization & Automation 1mo • [Follow](#)

Honored to speak at Asia Tech 2025 about AI optimisation using Closed Loop Reinforcement Learning. The energy and discussion on energy Tri-Dilemma, especially on sustainability in Indonesia is very powerful. Kudos to Euro Petroleum Consultants for curating such strong conversations at the #AsiaTechForum

Deniz Keleş 1 Following Delivering sustainable solutions to assist with energy transition strategies #... 1mo • [Follow](#)

Fantastic meeting you at ASIA-TECH this week! It was fascinating to hear your presentation in Jakarta. You hit the nail on the head: the inevitable limitations of first and second-gen feedstocks mean scaling up those alternative

Stephane Wermester 2 Following Commercial Vice President - Asia Pacific - AXENS - Licensing, Products, Equip... 1mo • [Follow](#)

Great pleasure and honored to be panelist at #Asiatechforum in Jakarta today. Thanks to organizers, we had good talks about #SAF and associated challenges for the region. #sustainability #Axens #Decarbonization

Jay Jeong 1 Following Making very reality making the process/energy optimization and emiss... 1mo • [Follow](#)

It was a great pleasure to stand on the stage and share ideas/solutions for challenges the industry is facing. If you have missed the Asia-Tech 2025 but still interested in the solutions to make your NHT unit optimized in process and energy perspective, contact me!

Alfa Level - Energy

See you for the next edition in Thailand!



A huge thank you to all of our speakers, sponsors, and attendees who contributed to the success of ASIA-TECH 2025. We will continue the discussions next year...

SAVE THE DATE!

7–8 October 2026 · Thailand

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Eva Ng
Conference Director





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