

**MEMORANDUM RASMI**

<b>DARIPADA:</b> Pejabat Timbalan Menteri Tenaga dan Kelestarian Alam Sekitar Sarawak	<b>KEPADA:</b> Untuk Agihan Semua Media
<b>PERKARA:</b> Sila lihat di bawah	<b>SALINAN KPD:</b>
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**Hebahan Berita Kepada Pihak Media**

Dengan hormatnya, perkara di atas adalah dirujuk.

2. Dengan ini saya memaklumkan satu hebahan berita kepada semua media untuk di siarkan.
3. Sehubungan itu, saya berharap pihak tuan/puan dapat menyiarkan berita tersebut.

Sekian terima kasih.

**"BERSATU BERUSAHA BERBAKTI"**  
**"AN HONOUR TO SERVE"**



**(SYANAYA NASYA BINTI SHAHARONY)**

Pegawai Tadbir Khas

Timbalan Menteri Tenaga dan Kelestarian Alam Sekitar Sarawak

KUCHING, February 26, 2025 – The highly anticipated EIC CONNECT Energy Borneo 2025 has successfully concluded, marking a significant milestone in Malaysia's journey toward a sustainable and decarbonized energy sector. Over the course of two days, the event gathered 1,000 attendees, 46 exhibitors, three CSR booths, 25 speaking sessions, and 80 industry experts, fostering meaningful discussions on the future of energy in Sarawak and beyond.

A key highlight of the conference was the signing of seven Memorandums of Understanding (MoUs) worth over RM200 million, reinforcing strategic partnerships and industry support for energy advancements in the region. These agreements reflect Malaysia's long-term energy vision and Sarawak's commitment to its Green Energy Agenda.

### **Hydrogen: Powering Sarawak's Green Future**

One of the conference's focal points was the role of hydrogen in Sarawak's energy transition. SEDC Energy outlined a bold plan to establish a comprehensive hydrogen value chain, with key projects such as the Rembus Hydrogen Plant, set to launch in 2025, and the first electrolyser plant, operational since June 2024. These initiatives will not only power the region's Autonomous Rapid Transit (ART) system and hydrogen buses but also position Sarawak as a major hydrogen exporter in Southeast Asia.

Industry leaders emphasized hydrogen's potential in decarbonizing key industries, including petrochemicals, steel-making, and even fashion. Leveraging its abundant hydropower resources, Sarawak aims to solidify its position in the global green energy landscape.

### **Balancing Sustainability with Brownfield Rejuvenation**

While the transition to clean energy is accelerating, traditional oil and gas resources remain crucial. Petronas Carigali shared insights into its brownfield development and rejuvenation efforts, highlighting over ten successful infill projects in the past four years. Despite challenges such as high maintenance costs and complex execution, lessons learned in contractor competency, seismic data analysis, and real-time monitoring will guide future improvements in project efficiency.

## **Artificial Intelligence: Transforming the Energy Sector**

Artificial Intelligence (AI) is revolutionizing the energy industry, with the oil and gas sector alone estimated to benefit by \$30–50 billion. Experts at the conference discussed AI's role in predictive maintenance, procurement optimization, and workflow automation, making operations more cost-effective and efficient. However, they also emphasized the need for ethical AI governance, ensuring data integrity, human oversight, and responsible implementation as Malaysia moves towards Industry 5.0.

## **Bridging the Talent Gap in the New Energy Economy**

With the energy transition underway, talent shortages remain a pressing issue. While offshore oil and gas expertise can be repurposed for renewable energy projects, industry leaders emphasized the need for stronger reskilling and talent retention strategies. Initiatives such as Petros' gas engineering programs, ESG Academy's partnerships, and CENTEXS' graduate integration efforts aim to bridge this gap and prepare the workforce for the evolving energy landscape.

## **Advancing Sustainable Aviation Fuel (SAF) in Southeast Asia**

As the aviation industry moves towards net-zero emissions, Southeast Asia is emerging as a potential hub for Sustainable Aviation Fuel (SAF) production. While current production is concentrated in Thailand and China, Sarawak has the opportunity to position itself as a key player. However, challenges such as high costs, regulatory inconsistencies, and supply chain gaps must be addressed. Industry leaders called for greater collaboration, streamlined investment regulations, and the exploration of alternative feedstocks like algae-based pyrolysis to drive SAF development.

## **Offshore Decommissioning: A Responsible Approach**

The responsible decommissioning of aging offshore assets remains a critical challenge. Experts at the conference highlighted issues such as regulatory gaps, financial constraints, and resource shortages, emphasizing the need for AI-driven asset management, standardized decommissioning guidelines, and stronger financial support. The Sapura-AF Gruppen joint venture to establish a decommissioning yard in Lumut was hailed as a significant step forward, integrating carbon credit mechanisms for recycled scrap metals.

## **A Call for Action: Building a Sustainable Energy Future**

As EIC CONNECT Energy Borneo 2025 draws to a close, industry leaders reaffirmed the importance of collaboration, innovation, and decisive action in shaping the future of energy. The insights, partnerships, and commitments made during the conference must now translate into real-world progress, ensuring that Sarawak and Malaysia continue to lead in sustainable energy development.

The conference concluded by The Honourable Datuk Dr Hj Hazland bin Abg Hj Hipni, Deputy Minister of Energy and Environmental Sustainability of Sarawak with a strong message: the energy transition is a collective effort, and only through strategic collaboration can a greener, more sustainable future be achieved.