

MEMORANDUM RASMI

DARIPADA: Pejabat Timbalan Menteri Tenaga dan Kelestarian Alam Sekitar Sarawak	KEPADA: Untuk Agihan Semua Media
PERKARA: Sila lihat di bawah	SALINAN KPD:
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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

REMBUS H2 HUB WILL BE SARAWAK'S FIRST STEP TOWARDS DECARBONISING ITS PUBLIC TRANSPORT

KUCHING: The Rembus H2 Hub that will house the Rembus Hydrogen Plant will be Sarawak's first step towards decarbonising the public transport system bringing cleaner city air in the long run.

Upon its full operations by 2026, the purpose built Rembus Hydrogen plant and refuelling station will support the operations of Kuching Urban Transport System (KUTS) three main lines: Kuching, Samarahan and Santubong. These lines are strategically planned to connect residential, commercial and industrial areas using hydrogen-powered Autonomous Rapid Transit (ART) vehicles and feeder buses.

The Ministry of Energy & Environmental Sustainability Sarawak Deputy Minister YB Datuk Dr Hazland Abang Hipni said the Rembus Hydrogen Plant serves as the catalyst towards Malaysia Net Zero 2050 journey and Sarawak's first step in turning its public transport into a clean industry.

"This is just the first of many and I believe with SEDCE Energy being the forefront of this journey for Sarawak and Malaysia, our real hydrogen journey has just begun," said Datuk Dr Hazland.

SEDCE is also responsible to build the hydrogen value chain for Sarawak with Rembus Hydrogen Plant being one of its key deliverables. Upon completion, the plant will support the first phase of the KUTS which consists of 38 ART and 55 hydrogen busses to serve the first line.

As KUTS expands its operations throughout Kuching, SEDCE is also building a network of Multifuel Stations under the brand of PETROS as a symbol of Sarawak's oil and gas presence in the retail end of the business.

"The flagship Multi Fuel Station (MFS) is unique for Sarawak as this is the first in the region to have not only the conventional fuel but also EV charging and hydrogen dispensing," said Dr Hazland.

The first flagship MFS was online in Darul Hana in 2022, with the second in MJC Batu Kawa, which is expected to be commission by Q2 this year. Darul Hana is the first MFS equipped with an onsite hydrogen production, with a capacity of 150kg a day. This will also support the hydrogen supply to be use in MJC Batu Kawa. Four other MFS in the pipeline will be Sri Aman, Sibul, Bintulu and Miri.

On top of these flagship MFS, SEDCE is also spreading the PETROS brand to other districts such as Sibul, Kanowit, Daro, Matu, Sg Asap and Bintulu where the MFS is also supporting the decarbonisation efforts by including EV charging facilities on site. This in

the long run will also create the demand for more EV vehicles with more MFS to be operational in phases throughout

“The other MFS will be located 200km apart from each other as this will support the next phase of Sarawak’s decarbonisation efforts with the government fleets,” Dr Hazland added.

SEDCE is also working closely with its Japanese counterparts with the H2ornbill Project, which aims to use green hydrogen produced in Bintulu for export and to be used in Japan to decarbonise its steel making industry. While with the South Korean counterparts in the H2biscus Project, the green hydrogen will be exported and to be used to power up their grid.

“These two major projects are progressing well and once these are fully operational, that will solidify Sarawak’s position in paving the way towards decarbonising not only the region but also Asia Pacific with our two international partners,” said Dr Hazland.

Sarawak through SEDCE is also exploring with biofuels for Sustainable Aviation Fuel (SAF). SAF is produced by introducing hydrogen in the process making SAF production as part of the hydrogen value chain for Sarawak. In 2024, SEDCE have committed five acres of land for bio-algae production and at the same time is exploring other feedstocks for SAF.

SAF is needed under the Carbon Offsetting and Reduction Scheme for International Aviation (CORSIA) a United Nations led program that aims to reduce CO2 emissions from international flights. CORSIA has three phases, with the first phase running from 2024 to 2026, while in 2027 it becomes mandatory for most of the international flights in accordance with the International Civil Aviation Organisation (ICAO).

“All these Sarawak hydrogen initiatives plays part and parcel of the whole decarbonisation agenda of the world. Sarawak is the epicentre for all this with Rembus Hydrogen Plant making the first big step towards our Net Zero 2050 journey,” said Dr Hazland.

Rembus Hydrogen Plant will be part of the Rembus Hydrogen Hub in Samarahan. This purpose build plant for the KUTS is expected to be commissioned by Q2 2026 and will truly be the first major push towards Sarawak’s decarbonisation efforts.

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