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BATU KAWA H2 REFUELLING STATION UNDERGOING TESTING AND COMMISSIONING

KUCHING, JULY 14, 2025, MONDAY: SEDC Energy (SEDCE) – owned PETROS Multifuel Station (MFS) Batu Kawa is currently undergoing its testing and commissioning phase for its H2 refuelling facility, marking another milestone in the Sarawak hydrogen journey.

As part of the testing and commissioning phase, the five Toyota Mirai units managed by SEDCE, will receive its H2 supply from this station to ensure the systems meets the standards. These Toyota Mirai Fuel Cell Electric Vehicle (FCEV) fully runs on hydrogen molecules and currently being used by the Premier Datuk Patinggi Tan Sri (Dr) Abang Haji Abdul Rahman Johari bin Tun Datuk Abang Haji Openg; Deputy Premiers - Datuk Amar Douglas Uggah Embas, Datuk Amar Awang Tengah Ali Hassan and Datuk Amar Prof Dr Sim Kui Hian; as well as SEDC Chairman Tan Sri Datuk Amar Abdul Aziz Husain.

Recently, Deputy Premier Datuk Amar Prof Dr Sim Kui Hian paid a visit to the MFS Batu Kawa to witness the refuelling of his Toyota Mirai, as part of the station's ongoing testing and commissioning exercise. During the visit, he was briefed on a historical milestone achieved on 4 July 2025, which is the first interstation delivery of green hydrogen in Malaysia, and potentially the first of its kind in ASEAN.

The Batu Kawa H2 Refuelling station receives its 120kg hydrogen molecules from Darul Hana H2 plant via tube trailers. The Darul Hana H2 on site hydrogen plant, located 10km away from Batu Kawa, is designed to produce up to 150kg of molecules per day.

With this new landmark for Kuching both MFS Batu Kawa and MFS Darul Hana will make the city to be at par with the other hydrogen ready cities in the world.

Designed according to international safety standards, the H2 refuelling station is part of PETROS Multifuel Station (MFS) Batu Kawa, a flagship station that provides customers with conventional fuel, EV charging and hydrogen supply aside from quick serve restaurants to serve nearby communities and travellers.

SEDCE is responsible to develop the hydrogen value chain and downstream retail oil and gas business in Sarawak under the brand name PETROS MFS. To date, TEN (10) fully operating stations namely; MFS Darul Hana (Jalan Tun Salahuddin), MFS Daro (Jalan Matu-Daro), MFS Kanowit (Jalan Kubu), MFS Kuala Matu (Jalan Daro-Kuala Matu), MFS Brooke Drive (Sibu), MFS Selangau (Pan Borneo-Selangau), MFS Tatau (Pan Borneo-Tatau), Kapit (Jalan Bletch), MFS Sungai Asap (Jalan Bintulu-Bakun), MFS Jepak (Kampung Jepak).

With the completion of MFS Darul Hana and MFS Batu Kawa, FOUR (4) more flagship MFS are in the pipeline with Bintulu (Jalan Sultan Iskandar) scheduled to begin soon, Miri, Sibu and Sri Aman.

These flagship MFS are designed to form the backbone of Sarawak's hydrogen refuelling network at the main cities along the Pan Borneo Highway. In comparison, non-flagship or standard MFS provide conventional fuels and EV charging facilities.

Meanwhile, THREE (3) MFS are currently under construction, and more than 40 sites are being processed for construction across Sarawak. Upon completion these stations will provide a network of EV charging facilities on top of conventional fuel to its customers.

SEDCE is the new energy arm of the Sarawak Economic Development Corporation (SEDC) established in 2019, responsible to develop and drive Sarawak's hydrogen value chain. SEDCE is also responsible to develop the purpose built Rembus Hydrogen plant to support the Kuching Urban Transportation System (KUTS) which is now at the initial construction phase. The hydrogen produced at this plant will provide the molecules needed for the Autonomous Rail Transit and busses.

SEDCE is also driving the major hydrogen project such as the Sarawak Hydrogen Hub that consists of both the Japanese consortium H2ornbill Project and the South Korean Consortium the H2biscus Project.

Together with all this project in its portfolio, SEDCE is leading the nation in clean hydrogen initiatives, which is key towards decarbonisation towards NET ZERO 2050 for Malaysia.

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About SEDC Energy (SEDCE)

SEDC Energy (SEDCE) – is a wholly owned new energy arm of the Sarawak Economic Development Corporation, a statutory body of the Sarawak Government. Established in 2019, SEDCE is mandated by the Sarawak Government to develop the hydrogen economy value chain and other new energy initiatives.

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Pics;



Mirai Pic 1 Caption: Dr Sim personally experiencing hydrogen refuelling into his Toyota Mirai at Batu Kawa H2 Refuelling Station



Mirai Pic 2 Caption: SEDCE team briefing Dr Sim during his visit at the Batu Kawa H2 Refuelling Station