

For Immediate Release

Press Release

12 June 2024

Sarawak Metro fully committed to transform public transport system through green hydrogen

KUCHING: Sarawak Metro Sdn Bhd (Sarawak Metro) reiterated its commitment to transform Kuching’s public transport system through the adoption of the hydrogen-powered Autonomous Rapid Transit (ART).

According to its Chief Executive Officer Ts. Mazli Mustaffa, Sarawak Metro’s commitment is also now backed up by nearly half a decade’s experience in operating and maintaining Southeast Asia’s first hydrogen bus passenger service, since 2020.

Speaking at the Asia Pacific Green Hydrogen (APGH) 2024 conference on Tuesday, Mazli explained that running the trial operations of the hydrogen buses has enabled Sarawak Metro to gather invaluable experience and information in operating zero emissions vehicles for public transport.

“As of today, we have accumulated nearly five years of unique experience in the operations and maintenance of these hydrogen powered public transport vehicles – the first ones in operation in Southeast Asia,” Mazli said, when presenting a case study on the Kuching Urban Transportation System (KUTS) Project, on the second day of the conference.

Mazli added that with this experience, Sarawak Metro is fully prepared for the operation and maintenance of the KUTS’ future fleet of green hydrogen-powered ART vehicles and feeder buses.

“With a range of 300km, and zero emission, our hydrogen buses are the perfect companion to our ART system,” he said.

For media enquiries, please contact the Sarawak Metro Corporate Communication team :

Letitia Samuel, Media Senior Manager

+6(016) 800 4516

letitia.samuel@mysarawakmetro.com

www.mysarawakmetro.com



CERTIFIED TO ISO 9001:2015
CERT. NO. : QMS 03878



CERTIFIED TO ISO 14001:2015
CERT. NO. : EMS 01001



CERTIFIED TO ISO 45001:2018
CERT. NO. : OHS 00918





SARAWAK METRO SDN BHD (201801007738)
A Member of the SEDC Group of Companies

16-01A, Level 16, Gateway Kuching,
No. 9, Jalan Bukit Mata Kuching,
93100 Kuching, Sarawak, Malaysia.

Tel: (082) 524 222
Fax: (082) 524 224
E-mail: info@mysarawakmetro.com
Website: www.mysarawakmetro.com

Mazli also highlighted that Sarawak Metro will procure 55 more hydrogen buses, to serve as feeder buses, to provide the ‘first and last mile connectivity’ for commuters travelling on the ART.

The conference audience also heard from Mazli that the ART – the backbone of the KUTS project – will have a capacity of 250 passengers and run on virtual tracks on dedicated lane.

Apart from presenting the case study on the KUTS Project, Mazli was also one of the forum panelists discussing the topic of ‘Forging Ahead: Keeping up with the Green Hydrogen Developments in Sarawak’.

The three-day APGH 2024 conference and exhibition brought together industry leaders, experts and stakeholders to discuss the advancements and future of green hydrogen technology in the Asia Pacific region.

Ends

About Sarawak Metro and KUTS project:

Sarawak Metro Sdn Bhd (Sarawak Metro), a wholly owned subsidiary of Sarawak Economic Development Corporation (SEDC), has been entrusted by the Sarawak Government to modernise public transport through the Kuching Urban Transportation System (KUTS) project.

Sarawak Metro is the implementer, operator and maintainer of the KUTS project.

The project is being developed in phases, and Phase 1 includes the development of three lines: the Blue Line from Rembus in Kota Samarahan to Hikmah Exchange in the city centre; the Red Line, from Kuching Sentral to Pending; and the Green Line, from Pending to Damai.

For media enquiries, please contact the Sarawak Metro Corporate Communication team :

Letitia Samuel, Media Senior Manager

+6(016) 800 4516

letitia.samuel@mysarawakmetro.com

www.mysarawakmetro.com



CERTIFIED TO ISO 9001:2015
CERT. NO. : QMS 03878



CERTIFIED TO ISO 14001:2015
CERT. NO. : EMS 01001



CERTIFIED TO ISO 45001:2018
CERT. NO. : OHS 00918



Construction of the first package for the Blue Line is expected to complete by the fourth quarter of 2025 and all three lines are scheduled to be fully completed by the end of 2027.

The backbone of the KUTS project is the introduction of the zero-emission Autonomous Rapid Transit (ART) hydrogen vehicles.

The ART vehicles will be operated on dedicated lanes, meaning they will not share the lane with other road users.

The ART hydrogen vehicles will run on rubber tires, and hence the dedicated lanes will be trackless.

The lanes will mostly be at-grade (road level) while certain sections of the alignment will be elevated.

The ART operation will be supported by a network of feeder buses, which will also consist of hydrogen-powered vehicles to offer the ‘first mile and last mile’ connectivity for commuters.

The move to use hydrogen is in line with the Sarawak Government’s aspirations to advance the hydrogen economy and to decarbonise public transport in Sarawak.

Photos and Captions:



For media enquiries, please contact the Sarawak Metro Corporate Communication team :

Letitia Samuel, Media Senior Manager

+6(016) 800 4516

letitia.samuel@mysarawakmetro.com

www.mysarawakmetro.com



CERTIFIED TO ISO 9001:2015
 CERT. NO. : QMS 03878



CERTIFIED TO ISO 14001:2015
 CERT. NO. : EMS 01001



CERTIFIED TO ISO 45001:2018
 CERT. NO. : OHS 00918



Mazli during the case study presentation on the KUTS project



Mazli (right) during the panel session entitled 'Forging Ahead: Keeping up with Green Hydrogen Developments in Sarawak'



Mazli (right) fielding questions during the forum entitled 'Forging Ahead: Keeping up with Green Hydrogen Developments in Sarawak'

For media enquiries, please contact the Sarawak Metro Corporate Communication team :

Letitia Samuel, Media Senior Manager

+6(016) 800 4516

letitia.samuel@mysarawakmetro.com

www.mysarawakmetro.com



CERTIFIED TO ISO 9001:2015
CERT. NO. : QMS 03878



CERTIFIED TO ISO 14001:2015
CERT. NO. : EMS 01001



CERTIFIED TO ISO 45001:2018
CERT. NO. : OHS 00918





A section of the conference delegates in attendance during the case study presentation by Mazli

For media enquiries, please contact the Sarawak Metro Corporate Communication team :

Letitia Samuel, Media Senior Manager

+6(016) 800 4516

letitia.samuel@mysarawakmetro.com

www.mysarawakmetro.com



CERTIFIED TO ISO 9001:2015
 CERT. NO. : QMS 03878



CERTIFIED TO ISO 14001:2015
 CERT. NO. : EMS 01001



CERTIFIED TO ISO 45001:2018
 CERT. NO. : OHS 00918

