



WERKFORCE

INGENUITY IN TALENT DEVELOPMENT

The Official Newsletter of the Sarawak Skills Group of Learning Institutions

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Sarawak Skills



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We are pleased to release the January - March 2025 issue of Workforce, the official newsletter of the Sarawak Skills Development Centre. It features updates on events and happenings in sarawak skills.

For the Sarawak Skills Group of Learning Institutions (Sarawak Skills), the beginning of 2025 has set the stage for us to launch various newly minted strategic initiatives in line with our role as a Technical and Vocational Education and Training (TVET) Trendsetter in this region. In this respect, in our quest to facilitate a skills-based approach to talent development, we have championed the all-important need for organizations to embrace the seismic shift brought about by Artificial Intelligence (AI), including the need for a reskilling revolution to thrive in the new era of automation and AI.

There were many highlights during the first quarter of 2025. In line with our role as a stakeholder in the transformation of Sarawak's vibrant socio-economic landscape, Sarawak Skills plans to establish the Sarawak Skills – Shandong Dexi New Energy Vehicle Training Institute in the People's Republic of China. In February 2025, five Sarawak Skills' teaching personnel/trainers completed a fiveday New Energy Automobile Technology programme at Shandong Dexi New Energy Automobile Co. Ltd. in China. This is a significant step forward towards strengthening our joint strategic initiatives with our global partner, specifically in the area of green mobility, including related hydrogen and electric vehicle (EV) technologies.

During the quarter, Sarawak Skills welcomed the visit by The Honourable Datuk Francis Harden Anak Hollis, Deputy Minister for Education, Innovation and Talent Development (Talent Development). One of the highlights of the visit was a tour of Sarawak Skills' new state-of-the-art facilities, including the I.R. 4.0 Trendsetter Hub, Smart Solar House, and Hydrogen Technology Lab. Indeed, our teaching, training and learning infrastructure goes a long way towards advancing the noble cause of talent development, including the development of an agile workforce for Sarawak and Malaysia as a whole.

On 27 February 2025, the sponsorship of welding equipment to the tune of RM90,000.00 by ENEOS Xplora Malaysia Limited to Sarawak Skills Bintulu is a shining example of our strong ties with the various industry sectors and supports our objective to equip our students and trainees with industry-relevant skill sets.



HALLMAN BIN SABRI

Executive Director
Sarawak Skills Development Centre

In this volume of our newsletter, we also take great pride in highlighting our joint initiatives with various stakeholders, including the STEM Catalysts programme, I.T. Skills Enhancement Workshop for Village Heads in Sri Aman, donation of a hemodialysis machine to the Sarawak General Hospital, Sarawak Skills' Retrofitting Initiative, and our ongoing talent development initiatives. With the tremendous support of the government and various sectors of industry, Sarawak Skills is well-positioned to participate actively in the transformation of Sarawak's six key economic sectors (main engines of growth) in line with the Sarawak Post Covid-19 Development Strategy 2030 (PCDS 2030).

VISIT

Sarawak Skills TO SPREAD ITS WINGS ABROAD



SARAWAK SKILLS STRENGTHENS GREEN MOBILITY TIES IN CHINA

In January this year, Sarawak Skills, led by its Executive Director Mr. Hallman bin Sabri, embarked on a strategic industry visit to China. The delegation visited three key institutions and companies: Guangzhou Public Utility Technician College, Guangzhou YiYe Electromechanical Equipment Technology Co. Ltd., and Dexi Shandong New Energy Training Institute.

The visits aimed to explore collaborative opportunities in green mobility, particularly in hydrogen and electric vehicle (EV) technologies. As part of this initiative, Sarawak Skills plans to establish the Sarawak Skills – Shandong Dexi New Energy Vehicle Training Institute, marking a significant step towards strengthening technical capacity and knowledge exchange in the EV sector.


This engagement technologies Sarawak Skills' commitment to advance sustainable technology and prepare the workforce for the future of green transportation.

A group of four men are standing in a room. The man on the far right, wearing a dark sweater and a blue lanyard, is speaking. The other three men, dressed in business attire, are listening attentively. In the background, there is a large piece of industrial machinery.

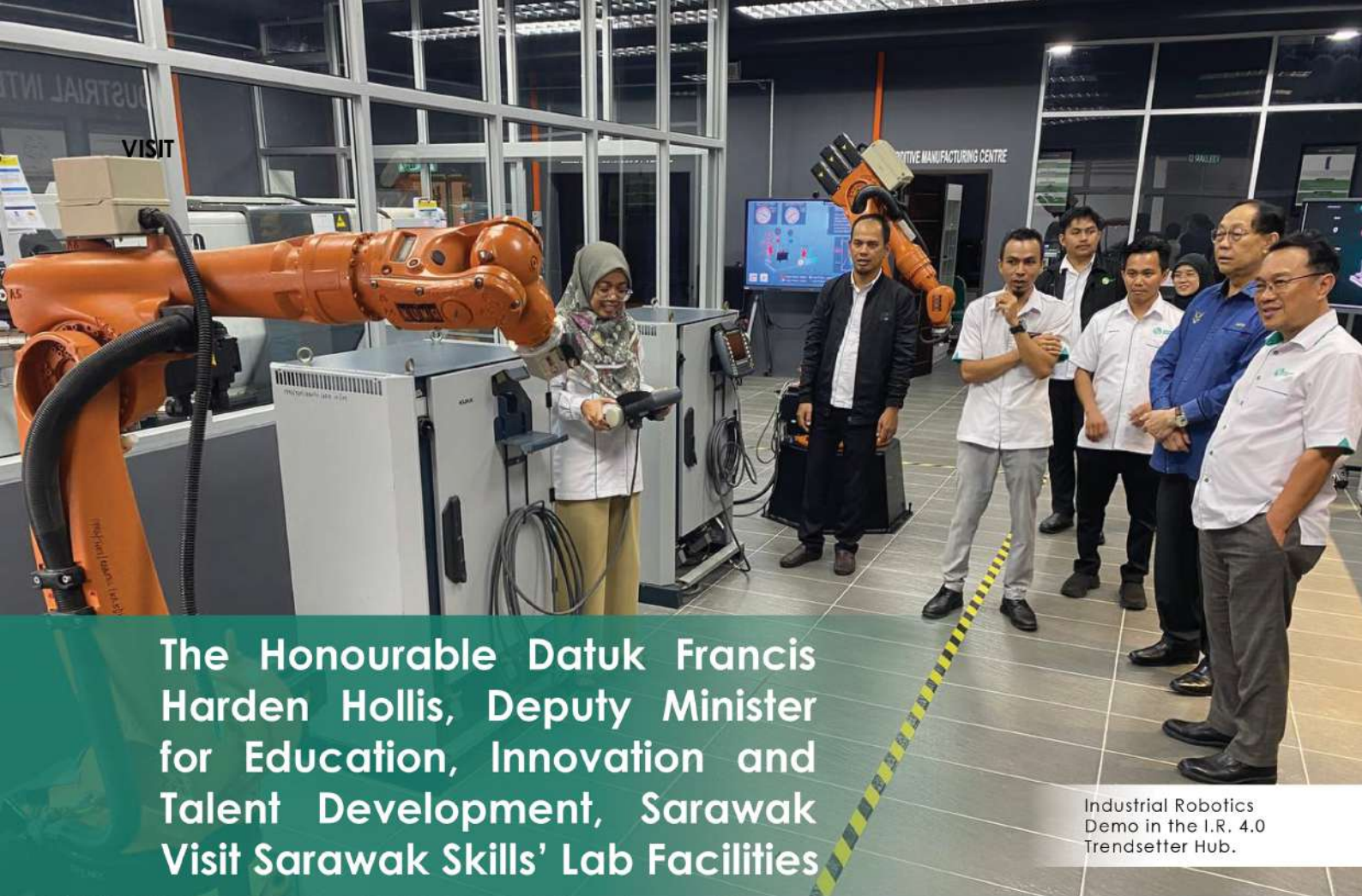
Mr. Hallman was briefed by staff members during the visit to Guangzhou Yiye Electromechanical Equipment Technology Co., Ltd.

A group of seven people are standing in front of a yellow wall with a large red logo that reads "ECCO 广州益". A man in a dark suit is shaking hands with another man in a blue jacket. A framed memento is being presented. Other people are standing behind them, smiling.

Mr. Hallman Presents a Memento During the Visit to Guangzhou Yiye Electromechanical Equipment Technology Co., Ltd.

Four men are seated around a dark wooden table. They are looking at a document or a diagram on the table. There are glasses of water and a teapot on the table. A small Chinese flag is visible in the background.

Visit to Dexi Shandong New Energy Training Institute.



The Honourable Datuk Francis Harden Hollis, Deputy Minister for Education, Innovation and Talent Development, Sarawak Visit Sarawak Skills' Lab Facilities

Industrial Robotics Demo in the I.R. 4.0 Trendsetter Hub.

The Deputy Minister for Education, Innovation and Talent Development II (Talent Development), Datuk Francis Harden Hollis visited the Sarawak Skills campus at Tabuan Jaya, Kuching to gain first-hand insights into Sarawak Skills' new teaching, learning and training facilities.

During the visit, the Deputy Minister was briefed on Sarawak Skills' latest developments by Mr. Hallman bin Sabri, Executive Director of Sarawak Skills and Chairman of the Federation of Malaysian Skills Development Centres (FMSDC). This was followed by a guided tour of Sarawak Skills' new state-of-the-art facilities, namely the I.R. 4.0 Trendsetter Hub, Smart Solar House and Hydrogen Technology Lab. The visit emphasized the importance of cutting-edge technologies and advanced teaching, learning and training tools in supporting the goals outlined in Sarawak's Post COVID-19 Development Strategy 2030 (PCDS 2030).

Commenting on his visit, Datuk Francis emphasized the importance of the Sarawak Government working closely with institutions like Sarawak Skills to shape Sarawak's current and future workforce in line with the objectives of PCDS 2030. He also commended Sarawak Skills for implementing a wide range of talent development initiatives to meet the demands of the digital economy.

IMMERSIVE TECHNOLOGY CENTRE



Visit to the Immersive Technology Centre in the I.R. 4.0 Trendsetter Hub.



Visit to the CNC Machining Centre in the I.R. 4.0 Trendsetter Hub.



Visit to Sarawak Skills' Smart Solar House.



Mr. Hallman bin Sabri (Fourth from Left) presents a Memento to Datuk Francis Harden Hollis.



The Honourable Datuk Francis Harden Hollis (Fourth from Left) and Mr. Hallman bin Sabri (Third from Left) with Sarawak Skills Staff During the Visit to the Hydrogen Technology Lab.

With regard to Sarawak Skills' new facilities, Mr. Hallman bin Sabri highlighted the institution's commitment to foster a conducive learning and teaching environment aligned with the latest technological advancements. "Our students and trainees come from diverse backgrounds, including school leavers, working adults, and unemployed graduates. It is imperative for us to adopt up-to-date teaching methods to ensure they acquire the competencies required by today's industries," he stated. He added, "In line with Sarawak Skills' vision as a TVET Trendsetter, we have also embarked on collaborative engagements with industry players from countries such as China and the Philippines. With an emphasis on the automotive and energy sectors, our newly-minted partnerships will go a long way towards facilitating the spirit of innovation and skill development in Sarawak."

PICTORIAL



Visit by Officials and Students from Zhejiang Yuexiu University, China and Swinburne University of Technology Sarawak Campus to Sarawak Skills, Tabuan Jaya, Kuching. (14 January 2025)



Halliburton Collaborates with Sarawak Skills and AWISAR for an Insightful Interview Session. Session led by Mr. Kelvin Teo and Ms. Lena Kirillina with Sarawak Skills Students. (17 January 2025)



Officials from Petroleum Sarawak Berhad (PETROS), Led by Mr. Azid Allan (Second Left), Visited ADTEC Bintulu and Sarawak Skills Bintulu. They Discussed the Upcoming EPOMS Sdn Bhd Training Programme and Assessed the Electrical and Welding Facilities. (5 February 2025)



Visit by Polytechnic Mukah to Sarawak Skills Kuching. (12 February 2025)



HVAC PRIHATIN Charity Programme by HVAC Students from HVAC Course: Surau Darul Uyyun, Jalan Muhibbah, Kuching. (26 February 2025)



Preview of MY5G Ericsson Malaysia Pioneers Programme & Launch of Cybersecurity Corner. (10 March 2025)



Closing Ceremony of Mobile App Challenge 7.0 Graced by Madam Anielia Anak Siam, Deputy Permanent Secretary for Ministry of Education, Innovation and Talent Development, Sarawak. (22 January 2025)



Executive Director's Address, Sarawak Skills 2025. (24 January 2025)



Sarawak Skills Teaching Personnel Embark on New Energy Automobile Training in China. (12 February 2025)



Alumni Talk by Mr. Jeremy Alexter Anak Peter, Our Alumnus from the Automotive Programme at the Automotive and Welding Institute of Sarawak (AWISAR). (21 February 2025)



Community Training Programme at Rh. Unya Ak Saran, Kpg Lalang, Ulu Skrang. (15 March 2025)



Visit to the Malaysia Automotive Robotics and IoT Institute (MARIi) by Sarawak Skills, to Explore a Potential Partnership for the Upcoming Green Mobility Innovation Summit, scheduled for 8-9 September in Kuching. (25 March 2025)

STEM CATALYSTS

RASPBERRY PI 2025 PRESS CONFERENCE



The STEM Catalysts Raspberry Pi 2025 Press Conference was officiated by the Honourable Dato Sri Roland Sagah Wee Inn, Minister for Education, Innovation and Talent Development, Sarawak. Held as a key milestone for the STEM Catalysts programme, the event outlined Sarawak's forward-looking efforts to integrate Raspberry Pi technology into STEM education across schools in 2025.

During the press conference at Sarawak Skills, Tabuan Jaya, Kuching, Dato Sri Roland Sagah highlighted the state's commitment to equip students with digital skills essential for the future. The programme includes hands-on Raspberry Pi workshops, coding competitions, and teacher training sessions, aimed at nurturing innovation, problem-solving, and interest in technology among young Sarawakians.

Those present had the opportunity to view demonstrations of student-led Raspberry Pi projects, as well as insights from education partners and industry stakeholders supporting the initiative.

The press conference marks a significant milestone in Sarawak's mission to position itself as a regional leader in digital education and talent development. It also underscores the state's goal of increasing STEM enrollment by 60% by 2030.



Sarawak Skills Donates a Hemodialysis Machine to the Sarawak General Hospital

Sarawak Skills, in conjunction with its 30th Anniversary Charity Run, has donated a Hemodialysis Machine to the Sarawak General Hospital. This noble initiative aims to address the increasing demand for dialysis services in the region and support the healthcare needs of patients requiring urgent life-saving treatment.

The donation of the Hemodialysis Machine is an important part of Sarawak Skills' ongoing commitment to give back to the community. With the growing number of patients in need of dialysis, this contribution is expected to significantly enhance the hospital's capabilities in providing vital healthcare services.

Commenting on the aforementioned initiative, Mr. Hallman bin Sabri, Executive Director of Sarawak Skills highlighted, "We are indeed honoured to participate in this noble and timely initiative to serve the community, especially considering the rising number of patients who rely on hemodialysis for their treatment." He added, "Sarawak Skills remains committed to supporting the health and well-being of the community and hopes that this contribution will go a long way towards assisting those in need."

The donation was made possible through the support of several members of Sarawak Skills, partners, and companies, including Hornbill Skyways Sdn. Bhd., Wahung Travel Service Sdn. Bhd., Sarawak Information Systems Sdn. Bhd. (SAINS), Eastern Wood Engineering Sdn. Bhd., SSR Technology, One Medicare Sdn. Bhd., Konsortium Bumi Consultants & Services Sdn. Bhd., Petroliam Nasional Berhad, Arkiskape Sdn. Bhd., Qissfa Enterprise, and TG Jasa Enterprise Sdn. Bhd.

Also present at the handover ceremony were key figures from Sarawak Skills and the Sarawak General Hospital, including Mr. Mohamad Isham bin Fauzi, Chief Strategy Officer of Sarawak Skills, Mr. John Rizal Biki, Chairman of the 30th Anniversary Sarawak Skills Charity Run, Dr. Alex Kim Ren Jye, Deputy Director (Medical) of the Sarawak General Hospital, Dr. Laura Ngu, Nephrology Specialist of Sarawak General Hospital, Mr. Ahamady bin Lian, Chief Supervisor of Assistant Medical Officer and State Dialysis Manager of Sarawak, Madam Hafsah binti Zabidi, Manager of Biomedix Solutions Sdn. Bhd., and Madam

Revitalising Industry

Sarawak Skills' Retrofitting Initiative

Machine retrofitting involves upgrading existing equipment with modern technologies to enhance performance, extend operational life, and reduce costs compared to purchasing new machinery. This approach not only boosts efficiency but also supports sustainability, making it an ideal strategy for businesses.

A good example of retrofitting at Sarawak Skills can be seen with Haas machines purchased in 2009 for automation and robotics training. Over time, these machines encountered significant breakdowns due to outdated systems and worn components. Instead of purchasing new equipment, retrofitting was chosen as the solution. The advantages of replacing outdated operating systems and obsolete spare parts with modern alternatives are as follows:



- ◆ Enhanced Performance: Faster, more precise, and reliable operations.
- ◆ Cost Savings: Retrofitting saved RM62,000 on CNC lathes (70% savings) and RM60,000 on CNC milling (74% savings).
- ◆ Sustainability: Energy consumption, waste, and emissions, were significantly reduced, aligning with Environmental, Social, and Governance(ESG) compliance goals.



Retrofitting is one of Sarawak Skills' key initiatives, aimed at equipping businesses with cost-effective, sustainable solutions. In this respect, Sarawak Skills is committed to collaborating with industries to retrofit machines, improve operational efficiency, and provide training that develops critical skills for the workforce of tomorrow.

Additionally, retrofitting promotes hands-on learning, allowing instructors and trainees to work with up-to-date technologies while also improving safety awareness and technical expertise. In summary, machine retrofitting offers valuable financial and environmental benefits, making it a smart, forward-thinking choice for businesses looking to stay competitive and reduce their ecological footprint.

Mr. Amir Airizan Nazmi bin Tuah

Equipment Technician,
Longi Malaysia Sdn. Bhd., Kuching

Class of 2023
Mechatronics & Industrial Automation
(Malaysian Skills Diploma, Level 4)

Personal Motto:
“Strive for Success”

Ms. Catharine Endik Anak Sylvester

Technician,
Sarawak Energy Berhad, Miri

Class of 2018
Industrial Automation Engineering
Systems Support,
(Malaysian Skills Diploma, Level 4)

Personal Motto:
**“Never be afraid to step out of
your comfort zone”**

SARAWAK SKILLS BINTULU | ENEOS Xplora Malaysia Limited Donates Welding Equipment to Sarawak Skills Bintulu



27 February 2025:

ENEOS Xplora Malaysia Limited has generously sponsored welding equipment worth RM90,000 to Sarawak Skills Bintulu. The handover ceremony was graced by Madam Aniella Anak Siam, Deputy Permanent Secretary for the Ministry of Education, Innovation and Talent Development, Sarawak who represented Yang Berhormat Dato Sri Roland Sagah Wee Inn, Minister for Education, Innovation and Talent Development, Sarawak.

SARAWAK SKILLS SRI AMAN | Bridging Communities with Digital Knowledge



24-26 March 2025:

The first series of the I.T. Skills Enhancement Workshop for Village Heads, jointly organized by the Sri Aman P202 People's Service Centre and Sarawak Skills Sri Aman Branch, was officially launched by YB Dato' Sri Doris Sophia Anak Brodie, Member of Parliament for P202 Sri Aman. A total of 25 participants completed the workshop.

The main objective of the workshop was to enhance participants' skills in information technology. Topics covered: Microsoft Word, Excel, basic Canva, and management skills including the writing of formal letters and proposal papers.

Participants were also introduced to A.I. technology such as ChatGPT to assist in information gathering, along with training in Google Workspace tools like Google Forms, Google Calendar, and Google Drive.



AUTOCAD Level 1
(13 - 15 January 2025)



PLC Intermediate Practical Training
(20 - 21 January 2025)



Pipe Fitter Training Programme
(20 - 25 January 2025)



Split Unit Air-Conditioner Installation, Commissioning, Troubleshooting Service & Maintenance
(21 - 23 January)



MS Project Basic & Intermediate
(10 - 12 February 2025)



Mains Layer Course
(24 - 28 February 2025)



Basic First Aid & CPR Training
(26 - 27 February 2025)



Wireman G1
(3- 7 MARCH 2025)



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CORPORATE TRAINING PROGRAMMES

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