



The Chartered
Institute of Logistics
and Transport
Malaysia

CONNECT | DEVELOP | INFLUENCE

SEPTEMBER 2026

DRIVING A
SMARTER, SAFER
AND MORE SUSTAINABLE
TOMORROW

FOR MEMBERS ONLY

CILTM PULSE

THE OFFICIAL NEWSLETTER OF
CILT MALAYSIA

PEOPLE
IDEAS
PARTNERSHIPS
**FOR A BETTER
CONNECTED
MALAYSIA**



SUSTAINABLE
LOGISTICS



EMPOWERED
TALENT



INNOVATIVE
SOLUTIONS



STRONGER
TOGETHER

*Logistics
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Women in Logistics
and Transport



إِنَّا لِلّٰهِ وَإِنَّا إِلَيْهِ رَاجِعُونَ

INNA LILLAHI WA INNA ILAYHI RAJIUN

Salam takziah diucapkan kepada seluruh ahli keluarga Allahyarhamah Tun Dr Siti Hasmah Mohamad Ali isteri kepada bekas Perdana Menteri Tun Dr Mahathir Mohamad yang telah kembali ke Rahmatullah pada 28 September 2026/15 Rabiulakhir 1448H.

اللَّهُمَّ اغْفِرْ لَهَا وَارْحَمْهَا وَعَافِهَا وَاعْفُ عَنْهَا



Salam Takziah daripada:

Professor Ts Dr Muhammad Zaly Shah FCILT

CILTM President, Management Council, Secretariat, Members

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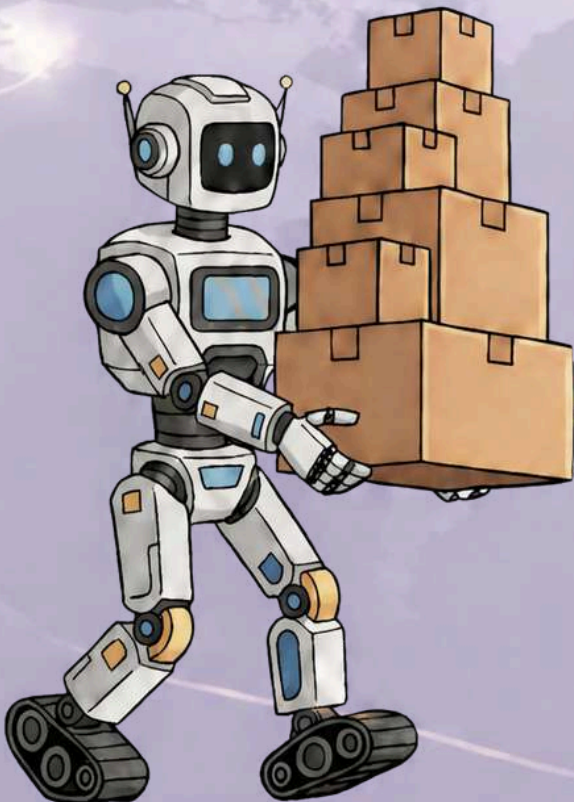
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EDITOR'S MESSAGE

Advancing Professional Excellence Through Engagement, Learning and Collaboration

Dear Members and Readers,

September 2026 has been another meaningful month for CILT Malaysia. Marked by continued professional engagement, knowledge development and collaboration across the logistics, transport and supply chain community, the Institute continues to engage with existing strategic partners and establish connection with new partners.

As we approach the final quarter of the year, the activities featured in this edition reflect CILTM's continued commitment to professional excellence, education, accreditation, and lifelong learning. Through engagement with education providers, government agencies, industry and professional partners, CILT Malaysia continues to support the development of competent and adaptable professionals who are prepared to respond to the changing needs of our industry.

Collaboration remains at the heart of our work. By bringing together academia, government, industry and the professional community, we create meaningful opportunities for knowledge-sharing, professional development and stronger connections across the sector.

We are also pleased to recognise the continued contributions of our State Sections, WiLAT Malaysia and NextGen CILTM, whose activities provide valuable platforms for networking, leadership development and professional growth. Their active participation reflects the strength and diversity of our CILT Malaysia community.

As we move towards the final months of 2026, CILT Malaysia remains committed to creating opportunities for our members to learn, connect, develop and lead. The future of our profession requires continuous learning, adaptability, collaboration and a strong commitment to professional standards.

On behalf of the Editorial Team, I would like to express my sincere appreciation to all CILTM members, Council Members, volunteers, partners, contributors and stakeholders for your continued support and active participation.

We hope this September edition of CILTM Pulse provides an informative reflection of CILTM's activities and achievements.

Thank you for being part of the CILT Malaysia journey. Happy reading, and let us continue moving forward together with purpose, professionalism and a shared commitment to advancing our profession.

Editor, CILTM Pulse
CILT Malaysia

Cdr Ts Shahrir bin Haji Ahmad RMN (R) FCILT
Editor-in-Chief , CILTM Pulse



INTERNATIONAL RELATIONS

CILTM AT CILT INTERNATIONAL CONVENTION 2026

Strengthening Global Connections in Logistics, Transport & Professional Leadership
20–24 September 2026 | Hopewell Hotel, Hong Kong

A strong delegation from CILTM Malaysia (CILTM) participated in the CILT International Convention 2026, held from 20–24 September 2026 at Hopewell Hotel, Wan Chai, Hong Kong. The Convention brought together members and professionals from across the international CILT network for a programme featuring leadership engagement, professional knowledge exchange, Next Generation and WiLAT activities, technical visits, and networking opportunities. The Convention programme covered a wide range of contemporary logistics and transport themes, including global corridors, excellence in collaboration, artificial intelligence in logistics, and Environmental, Social, and Governance (ESG).

The CILTM delegation comprised:

- Prof Ts Dr Muhammad Zaly Shah Bin Muhammad Hussein FCILT – President
- Ts Dr Hj Zahiah Binti Abdul Majid FCILT – Deputy President
- Hj Baharudin Bin Hj Kamarudin FCILT – Vice President
- Ts Dr Hj Mohd Nasir Bin Hj Alias FCILT – Secretary General
- Dato Ts (Dr) Abd Radzak Abd Malek Hon FCILT – Council of Trustees
- Surendran A/L Muniandy FCILT – Chairman, CILTM Melaka Section / Chairman, ILB Committee
- Ts Dr Mohd. Azam Bin Din FCILT – Chairman, CILTM Perak Section
- Ts Dr Nor Fyadzillah Binti Mohd Taha CMILT – Council / WiLAT Malaysia Chairperson
- Mrs Sharifah Salwa Binti Abu Bakar CMILT – Head of CILTM Secretariat
- Vivek A/L Appalanaidu MILT – NextGen Chairperson
- Zulkarnian Bin Ahmad CMILT – Secretary, CILTM Melaka Section
- Norshaheeda Binti Mohd Noor CMILT – WiLAT Malaysia Committee
- Hj Md Yusof Bin Hj Sa'ude CMILT – CILTM Member
- Dr Mohd Saiful Izwaan Saadon CMILT – Director, MaLTraC
- Dr Dina Azleema binti Hj Mohamed Nor – Senior Lecturer, UMT

• CONNECT • LEARN • INSPIRE

WOMEN IN LOGISTICS & TRANSPORT – Global WiLAT Workshop & WE Got Talent Dinner



One of the highlights of the Convention was the Global WiLAT Workshop, held on 21 September 2026 at Hopewell Hotel. The workshop provided an important platform for women professionals within the CILT network to connect, exchange ideas, share experiences and strengthen professional relationships across borders. The programme continued with the highly anticipated WE Got Talent Dinner, which celebrated creativity, teamwork and the diverse talents within the international CILT community.

WiLAT Malaysia Makes Its Mark

WiLAT Malaysia proudly participated in the competition with two outstanding performances, representing the creativity, teamwork and talent of CILT Malaysia. The first entry was a Duet Singing Performance, featuring:

- Ts Dr Nor Fyadzillah Binti Mohd Taha CMILT, Council Member / WiLAT Malaysia Chairperson
- Mr Zulkarnian Bin Ahmad CMILT, Secretary, CILTM Malaysia Melaka Section



INTERNATIONAL RELATIONS

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20–24 September 2026 | Hopewell Hotel, Hong Kong

The second entry was a Musical Theatre / Ensemble Performance, entitled:

JODOH CILT – The Right People, at the Right Time, Through CILT

The performance presented a creative storyline that highlighted the relationships, professional connections, and friendships developed through the CILT network. The production brought together members representing different areas of CILT Malaysia, with all cast members contributing through ensemble singing, movement and coordinated transitions. Most significantly, CILT Malaysia was recognised as the winner in both categories, bringing home the Best Technical Skills and Visual Effect Trophy. This achievement reflects the strong spirit of teamwork, creativity, friendship and collaboration among CILT Malaysia members.



The CILT Malaysia Cast: The JODOH CILT performance brought together members from different sections, generations and professional backgrounds:

JODOH CILT – CAST & ROLES

Hj Yusof: NextGen – Young Logistician / New CILTM Member
Dr Zawiah Deputy President / WiLAT Malaysia – Mentor & Experienced CILT Member
Mr Suren ILB – Logistics Manager / Employer
Pn. Sheeda – Supply Chain Subject Matter Expert
Dr Nasir Secretary General – Humorous & Supportive Friend
Dr Fyad WiLAT Malaysia – Close Friend / Eventual Life Partner
Prof. Dr Zaly President, CILTM – Represents CILT Malaysia
Pn. Sheeda Member A – Female Supporting Member / Chorus
Hj. Baha / Dr Azam / Dato' Radzak / Mr Vivek Members B – Male Supporting Members / Chorus
Pn. Salwa Floor Manager / Sound & Audio
Mr. Zulkarnian Narrator

A Celebration of Teamwork and Friendship

Beyond the competition itself, the performance demonstrated the importance of collaboration, camaraderie and active participation within the CILT family. Members worked together across different roles to bring the story to life, with everyone contributing to the success of the production. The achievement would not have been possible without the dedication and commitment of all performers, production members and supporters. CILT Malaysia extends its sincere appreciation to the President, all participating delegates, performers and everyone involved in making the WE Got Talent Dinner a memorable and successful occasion.



INTERNATIONAL RELATIONS

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NEXT GENERATION ENGAGEMENT

The Convention programme also included a dedicated Next Generation Session, reflecting CILT International's continued emphasis on developing future professionals and emerging leaders within logistics and transport. For CILTM, the participation of Vivek A/L Appalanaidu MILT, NextGen Chairperson, further strengthened Malaysia's representation in international NextGen activities and provided an opportunity for young professionals to connect with peers from across the global CILT community.

Warm congratulations to Dr Hazariah Mohd Noh, CMILT, past CILT Next Generation Malaysia Chairperson, on receiving the CILT Next Generation Award at the CILT International Convention 2026 in Hong Kong. As Dr Hazariah was unable to attend the presentation, Vivek Appalanaidu, current CILT Next Generation Malaysia Chairperson, accepted the award on her behalf. CILT Malaysia proudly celebrates this well-deserved recognition of her service and contribution.



KNOWLEDGE EXCHANGE AT THE INTERNATIONAL STAGE

The Convention offered CILTM delegates valuable exposure to international perspectives and emerging developments across the logistics and transport profession. Key sessions explored global transport corridors, industry collaboration, AI applications in logistics, and ESG practices, highlighting the evolving role of technology, connectivity and sustainability in the sector.

The sessions provided an enriching platform for delegates to exchange knowledge, gain new insights and broaden their international perspectives.



BEYOND THE CONFERENCE ROOM - Technical Visits & Industry Exposure

ICM 2026 extended learning beyond the conference room through a series of technical visits, giving CILTM delegates first-hand exposure to Hong Kong's advanced transport, logistics and infrastructure ecosystem. Visits included HKIA's Three-Runway System, Towngas, Port Community System, MTR, CityBus, Cathay Cargo, KLN Logistics and Shenzhen, among others.

The programme offered valuable practical insights into smart mobility, autonomous vehicles, aviation and port logistics, automation, cold-chain operations, digitalisation and sustainable transport, enriching delegates' understanding of emerging industry practices.



MILESTONES & ACHIEVEMENTS

FOLLOW-UP TO THE RECENT NOSS–CILTM MAPPING WORKSHOP AT CILTM OFFICE ON 4 SEPT 2026

Following the recent NOSS–CILTM Mapping and Validation Workshop, CILT Malaysia's Industry Lead Body (ILB) Team continued its focused engagement with the Rail Cluster to review and validate professional competencies relevant to the rail transport sector.

The discussion focused on aligning National Occupational Skills Standards (NOSS) with industry requirements, supporting stronger competency development and clearer pathways towards professional recognition and career progression in rail transport.

CILTM Malaysia sincerely appreciates the valuable expertise and insights contributed by:

- Dato Ts (Dr) Abd Radzak Abd Malek Hon FCILT
- Dato' Indera Ir Zohari Bin Sulaiman FCILT
- Mr Mahendran A/L R. Suppiah CMILT

The continued collaboration reflects CILTM's commitment to strengthening industry–professional partnerships and developing a competent, industry-ready and professionally recognised workforce for Malaysia's rail transport sector. Strengthening Competencies. Recognising Professionals. Advancing Rail Transport.



MILESTONES & ACHIEVEMENTS

PRESENTATION OF INTEGRATED PROJECT PAPER AND VIVA VOCE MINISTRY OF TRANSPORT SENIOR OFFICERS

CILT Malaysia successfully conducted the Presentation of Integrated Project Paper and Viva Voce on 5 September 2026 at Shah Alam Convention Centre (SACC), Shah Alam.

The session provided participants with an opportunity to present and defend their Integrated Project Papers before a panel of experienced CILT professionals and academic representatives. The Viva Voce session was conducted in two groups, with participants presenting their work and responding to questions and feedback from the appointed panel members.

The panel comprised Tn Haji Baharudin Bin Hj Kamarudin FCILT, En Mohd Syamrie Bin Nazhari CMILT, Prof Ts Dr Mansor Abdul Rahman FCILT, and Lt Cdr Ts Dr Nor Fyadzillah Mohd Taha RMN (R) CMILT. The programme concluded with closing remarks, certificate presentation, and a group photography session, marking an important milestone in the participants' professional development journey. CILTM congratulates all participants for their commitment and looks forward to supporting their continued journey towards professional excellence and Chartered Membership.



MILESTONES & ACHIEVEMENTS

PRESENTATION OF INTEGRATED PROJECT PAPER AND VIVA VOCE FOR UNITED VISION ACADEMY (UVA)

CILT Malaysia conducted the Presentation of Integrated Project Paper and Viva Voce on 6 September 2026 (Sunday) at the CILTM Secretariat Office, Shah Alam, Selangor. The session provided an important platform for participants to present and defend their Integrated Project Papers through a formal Viva Voce session. The assessment was conducted from 9.30 am to 12.30 pm, followed by the presentation of Certificates of Attendance and lunch.

The Viva Voce panel comprised Ts Dr Hj Zahawia Abdul Majid FCILT, Deputy President of CILTM and Board Member of CILTM Education and Accreditation, and Prof Ts Dr Mansor Abdul Rahman FCILT, Senior Lecturer at Netherlands Maritime University College (NMUC) and CILTM Treasurer.

A total of five participants took part in the session, marking another important milestone in their professional development journey with CILTM. CILT Malaysia congratulates all participants for their commitment and dedication in completing their Integrated Project Papers and participating in the Viva Voce assessment. Developing Knowledge. Strengthening Professional Competence. Advancing Careers.



MILESTONES & ACHIEVEMENTS

STRATEGIC ENGAGEMENT BETWEEN MAJLIS TVET NEGARA (MTVET) & CILTM ILB

On 9 September 2026, the Chartered Institute of Logistics and Transport Malaysia (CILTM), through its Industry Lead Body (ILB) Team, conducted a strategic engagement session with the Secretariat of the Majlis TVET Negara (MTVET) at the MTVET Secretariat Office in Putrajaya. The engagement served as an important platform for CILTM and MTVET to exchange perspectives on the evolving needs of Technical and Vocational Education and Training (TVET) and the growing demand for skilled, industry-ready talent within Malaysia's logistics, transport and supply chain sectors.

The discussion provided an opportunity for CILTM, as a professional body representing the logistics and transport industry, to share industry perspectives on the competencies, professional skills and knowledge required by the sector. Particular emphasis was placed on the importance of ensuring that TVET programmes remain relevant, responsive and closely aligned with current and future industry requirements.

Through its ILB role, CILTM continues to contribute industry expertise towards strengthening the connection between TVET education, professional standards, occupational competencies and employment needs. Such collaboration is important in supporting the development of graduates who are not only technically competent, but also equipped with professional, leadership, strategic and problem-solving capabilities required in a rapidly evolving logistics and supply chain environment.

The engagement also provided an avenue to explore potential areas of collaboration, including industry-driven curriculum development, occupational and competency standards, professional recognition, industry engagement, skills development and pathways for TVET graduates to progress towards professional development and career advancement. CILTM recognises that the future of logistics and transport depends significantly on the availability of a skilled, adaptable and professionally competent workforce. With the rapid transformation of the sector through digitalisation, automation, smart logistics, multimodal transportation and increasingly complex supply chain operations, stronger collaboration between government, TVET institutions, professional bodies and industry stakeholders is essential. CILTM therefore looks forward to further engagement with MTVET in supporting initiatives that can strengthen the industry-education-professional body ecosystem, enhance the employability of TVET graduates, and provide clearer pathways from technical education to professional development and industry leadership.

CILTM Malaysia extends its sincere appreciation to the Majlis TVET Negara Secretariat for the warm reception, constructive discussion and valuable exchange of views:

- Ts. Dr. Azmir Yunus – Head of the Majlis TVET Negara Secretariat
- Puan Azlina Karim – Secretariat Officer
- Mr. Muhammad Nizam Ahmad – Secretariat Officer

The engagement reflects CILTM's continued commitment to supporting Malaysia's TVET agenda and contributing professional and industry expertise towards the development of a future-ready workforce. Strengthening TVET. Empowering Talent. Advancing Logistics.



CILTM IN ACTION – PENANG SECTION

BUILDING STRONGER CONNECTIONS: CILTM PENANG SECTION JOINS PENANG MASTER BUILDERS' ANNIVERSARY CELEBRATION

CILT Malaysia Penang Section recently joined Penang Master Builders in celebrating its anniversary, bringing together representatives from member companies, government agencies, industry leaders and professionals from various disciplines, including engineers, architects and surveyors.

The event created a warm and friendly atmosphere, providing an opportunity for professional logisticians, business associates and industry partners to reconnect, exchange views and strengthen professional relationships.

Logistics professionals play an important role across almost every industry, including the construction and building materials sector. Through effective planning and management of logistics activities, including intermodal and multimodal transport operations, logisticians contribute to the smooth and efficient movement of building materials and support the overall development of the industry.

Led by YBhg. Dato' Log. Ts. Dr. Chang Kah Loon, PhD (USM), FCILT, FLogM, the celebration was also attended by members of CILT and LogM, including professional logisticians from the Penang community.

CILT Malaysia Penang Section extends its warmest congratulations and best wishes to Penang Master Builders on their anniversary.

Celebrating Partnerships. Connecting Professionals. Advancing Logistics.



CILTM IN ACTION – PENANG SECTION

CILTM PENANG SECTION AT AIAC ASIA ADR WEEK 2026 “ROAD TO KAINOS: THE NORTHERN EDITION”

The Asian International Arbitration Centre (AIAC) hosted the Prelude Event of AIAC Asia ADR Week 2026 – “Road to Kainos: The Northern Edition” in Penang on 25 September 2026 (Friday).

CILT Malaysia was represented by respected professional logistician YBhg. Dato' Log. Ts. Dr. Chang Kah Loon, PhD (USM), FCILT, FLogM, who is also a Certified Logistics Mediator (CLM). He participated as a panellist in the discussion “When the Cargo Stops: Where Do the Port and Logistics Disputes Begin?” During the session, Dato' Dr. Chang shared valuable professional insights on logistics and maritime logistics practices, highlighting potential areas where disputes may arise between parties and the importance of Alternative Dispute Resolution (ADR) in addressing logistics-related disagreements.

He also emphasised the importance of continuous learning, professional education and training, encouraging industry practitioners to continuously adapt and strengthen their knowledge in order to remain competitive in regional and global markets. Strong logistics knowledge can also contribute to better decision-making and cost efficiency in import and export transactions.

The event brought together more than 60 practitioners, including lawyers, surveyors, architects and professional logisticians from LogM and CILT. Among those in attendance were Log. Ts. Amy Ooi FCILT, Log. Ranni Selvaraju CMILT, Log. Ts. Cheah Chuan Wooi CMILT, Assoc. Prof. Dr. Teh Sin Yin CMILT, Log. Safia Begum Jamal Mohd CMILT, and Mr. Teh Xue Liang ALogM. The event was also attended by YBhg. Datuk Danesh Chandran Velaitham, CEO of AIAC, reflecting the importance of cross-disciplinary engagement between the legal, professional and logistics communities. CILT Malaysia Penang Section congratulates Dato' Dr. Chang on his valuable contribution to the discussion and his continued efforts in promoting professional excellence within the logistics and maritime sector.



CILTM IN ACTION – SABAH SECTION

CILTM PROFESSIONAL QUALIFYING EXAMINATION (PQE) – SABAH & LABUAN

CILT Malaysia continues to see encouraging participation in the Professional Qualifying Examination (PQE) Programme, with professionals, industry practitioners and senior officers from DBKK, IDS and MINDET working towards professional recognition in logistics and transport.

The programme reflects the growing importance of developing professionals equipped with structured knowledge, recognised professional standards and sound decision-making capabilities to support Malaysia's increasingly complex logistics and transport landscape.

For Sabah and Labuan, strengthening professional capacity is particularly important given the region's ports, maritime activities, aviation, road transport, expanding industries and strategic position within BIMP-EAGA and the Borneo Economic Community. CILTM remains committed to providing a platform that connects industry, government, academia and professionals, while supporting professional development, knowledge exchange and the advancement of the logistics and transport profession.

CILTM extends its appreciation to Datuk Ramli Amir Dumaring for organising the programme and to the Institute Development Studies Sabah (IDS) for its support towards the programme and CILTM Sabah Section. Our best wishes to all participants from Sabah and Labuan on their professional development journey. By Ts Daniel Doughty FCILT, APR Chairman, CILT Malaysia Sabah Section

Building Professional Capability. Strengthening Logistics. Advancing Sabah.



CILTM IN ACTION – JOHOR SECTION

WILAT MALAYSIA JOHOR SECTION REPRESENTED AT WIEX @ MIHAS 2026

KUALA LUMPUR | 25 SEPTEMBER 2026 — Four logistics lecturers from Kolej Profesional MARA Bandar Penawar (KPMBP) represented WiLAT Malaysia at the Women in Export (WiEX) Forum @ MIHAS 2026, held in conjunction with the Malaysia International Halal Showcase (MIHAS) 2026.

The forum brought together women professionals, entrepreneurs and industry representatives to exchange insights on export, international trade, business opportunities and the evolving global marketplace. The participation provided a valuable platform for networking, knowledge sharing and professional engagement.

The delegation also explored the MIHAS 2026 exhibition, which featured local and international exhibitors showcasing halal products, services and business solutions. The exhibition offered practical insights into how businesses connect with international markets and highlighted the important role of logistics, transportation and supply chain management in supporting export activities.

For the lecturers, the experience provided meaningful industry exposure that can be translated into classroom learning, helping students better understand the connection between international trade, export processes and end-to-end supply chain operations.

The participation also strengthened connections between women professionals, academia, industry players and the logistics community, creating opportunities for future collaboration and knowledge exchange.

Through initiatives such as WiEX @ MIHAS, WiLAT Malaysia continues to promote professional development, networking and empowerment of women, while supporting the development of future-ready talent in logistics and transport. WiLAT Malaysia remains committed to connecting women, building professional networks and inspiring the next generation of women leaders in logistics and transport.



CILTM IN ACTION – MELAKA SECTION

CILTM MELAKA SECTION: STRENGTHENING INDUSTRY ENGAGEMENT IN LOGISTICS, RAIL & MULTIMODAL TRANSPORT

CILT Melaka Section actively participated in the Groundbreaking Ceremony of the Melaka Inland Port (MIP) held on 6 July 2026 (Monday) at 9:30 a.m. at the Melaka Inland Port site in Taboh Naning, adjacent to the JKR Centre of Excellence for Engineering and Technology (CREaTE). The ceremony represented an important milestone in the development of MIP and reflected Melaka's continued efforts to strengthen its position as a strategic logistics and trade hub. The participation of CILT Melaka Section provided an opportunity to engage with government representatives, industry leaders, investors and other key stakeholders involved in the development of the project. It also enabled the Section to gain a better understanding of the strategic role that MIP is expected to play in strengthening multimodal connectivity, supporting rail and road freight movement, improving supply chain efficiency and facilitating the growth of the logistics and transportation sector in the region.

Following the MIP Groundbreaking Ceremony, CILT Melaka Section further strengthened its industry engagement through a courtesy visit to DS Rail Factory, located at Galla Industrial Park, Seremban, Negeri Sembilan, on Tuesday, 8 September 2026 at 10:00 a.m. The visit was organised as part of the Section's efforts to establish closer working relationships with industry stakeholders and to better understand developments and opportunities within the rail, logistics and transportation sectors. The engagement provided a platform for meaningful discussions and knowledge sharing on industry developments, operational requirements, professional competencies and potential areas of cooperation.

The courtesy visit also enabled CILT Melaka Section to explore opportunities for collaboration in areas such as professional development, industry knowledge sharing, technical programmes, training and competency development, networking, business opportunities and industry engagement initiatives. Such collaboration could provide valuable opportunities for CILT members, logistics and transport professionals, students and young professionals to gain greater exposure to the rail and transportation industry. It also supports CILT's role in promoting professional standards, lifelong learning and stronger collaboration between industry and professional institutions.

Overall, the participation in the MIP Groundbreaking Ceremony and the subsequent courtesy visit to DS Rail Factory demonstrate CILT Melaka Section's continued commitment to strengthening engagement with industry stakeholders and supporting the development of the logistics and transportation ecosystem. These engagements provide a strong foundation for future collaboration and partnership, particularly in areas related to professional development, rail and multimodal transportation, knowledge sharing and industry development. CILT Melaka Section will continue to pursue meaningful engagement with industry partners and identify opportunities that can contribute to the growth, competitiveness and professional development of the logistics and transport sector in the region.





The Chartered
Institute of Logistics
and Transport
Malaysia



Women in Logistics
and Transport

WiLAT

WOMEN IN LOGISTICS AND TRANSPORT

We promote the status of women in logistics and transport, to bring together those who support talent and career development of women and to provide a support network and mentoring opportunities for women in the sector.



MENTORSHIP



ENTREPRENEURSHIP



LEADERSHIP



EMPOWERMENT



CORPORATE
SOCIAL RESPONSIBILITY

W - WORLDWIDE | **I** - INSPIRING | **L** - LEADERS | **A** - ASPIRING | **T** - TRAILBLAZERS

Vision

To be the most sought after for advocacy, professionalism and empowerment of women in supply chain, logistics and transport.

Mission

To promote the status of women in Logistics and Transport, to bring together those who support talent and career development of women and to provide a support network and mentoring opportunities for women in the sector.



From the Desk of the WiLAT Malaysia Chairperson Ts. Dr. Nor Fyadzillah Mohd Taha, CMILT



BRINGING THE ICM HONG KONG 2026 CONVERSATION ON AI TO OUR MEMBERS

The CILT International Convention 2026 in Hong Kong brought transport and logistics professionals together under the theme "Global Corridors, Collaboration Excellence." Among its programme highlights was a fireside chat on AI Application in Logistics, featuring Prof. Max Shen, FCILT, of the University of Hong Kong and Mr Jan Steenberg, FCILT, of Tata Consultancy Services. The programme also addressed collaboration and environmental, social and governance issues. These topics are closely connected to the future of our profession.

As Chairperson of Women in Logistics and Transport (WiLAT) Malaysia, I believe we should bring this conversation to our members. Artificial intelligence is becoming relevant to how organisations analyse demand, plan routes, manage inventory, monitor operations and serve customers. Members do not all need to become AI specialists, but they should understand where the technology may be useful, how to assess its output and when human judgement remains essential.

AI awareness must be accessible to members at every career stage. Some are already using digital tools in their work; others may be encountering AI for the first time. WiLAT Malaysia can provide a welcoming space to learn the basics, ask practical questions and examine examples from logistics and transport. We should also discuss data quality, privacy, bias and accountability so that members can use these tools responsibly.

I propose a WiLAT Malaysia AI Awareness Programme with three initial activities:

1. An introductory webinar explaining common AI terms and practical applications in logistics and transport.
2. Member-led case discussions on tasks such as forecasting, fleet and route planning, warehouse operations, customer service and reporting.
3. A practical learning session in which members evaluate AI-generated work, identify errors and consider the professional judgement needed to use it well.

The programme should invite experienced practitioners, researchers and emerging professionals to contribute. It should give women opportunities to present their expertise as well as develop new skills. We can begin with introductory sessions and use members' feedback to decide which subjects deserve deeper training.

The ICM Hong Kong programme reminds us that collaboration is central to progress. I encourage WiLAT Malaysia members to share what they are seeing in their workplaces, including useful applications and unanswered questions. By learning together, we can help ensure that women in Malaysia's logistics and transport sector are prepared to participate confidently in decisions about AI.

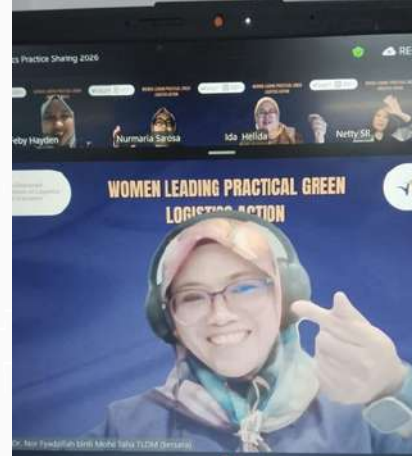
Chairperson
Women in Logistics and Transport (WiLAT) Malaysia





Advancing Green Logistics through Halal Toyyiban: Reflections from the Regional Stage By Ts. Dr. Nor Fyadzillah Mohd Taha, CMILT Chairperson, WiLAT Malaysia

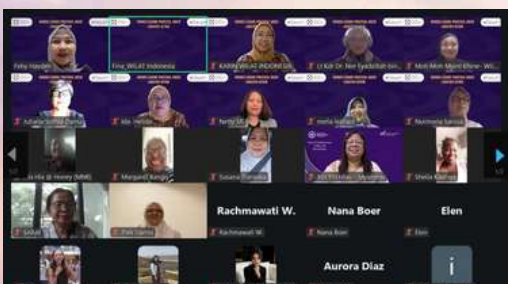
As the Chairperson of WILAT Malaysia, it was a distinct privilege to represent our nation and actively contribute to the "Women Leading Practical Green Logistics Action" webinar. Held on 5 September 2026 and meticulously organized by our sister chapter, WiLAT Indonesia, this regional knowledge-sharing session convened logistics professionals across Southeast Asia to translate sustainable concepts into actionable frameworks. Sharing the virtual stage with a distinguished panel of female executives and academics from Indonesia and Myanmar reinforced the vital role women play in driving sustainable supply chain initiatives.



In my capacity as a Senior Lecturer and Subject Matter Expert in Supply Chain Management, Logistics, and Automation Technology at Universiti Pertahanan Nasional Malaysia (UPNM), I utilized this platform to address a concept deeply relevant to our regional industry: "The Core Dilemma" of bridging religious compliance with ecological responsibility. During my presentation, I introduced the foundational equation that Traditional Halal Compliance + Environmental Sustainability = Halal Toyyiban. For too long, the industry has viewed these as separate operational silos. I challenged this notion by emphasizing that "Halal logistics goes far beyond 'no pork, no alcohol'". The true standard we must strive for is Halal Toyyiban—a standard that is inherently pure, wholesome, and ethical.

My core message to our regional peers was unequivocal: a supply chain cannot claim to be truly Toyyiban if its operations pollute the environment or generate wasteful carbon footprints. Environmental stewardship is not merely a corporate add-on; it is an ethical imperative intertwined with the very essence of Halal logistics.

The collaborative energy at this webinar demonstrated that women across Southeast Asia are not just participating in the green logistics conversation—we are driving it. I urge our CILTM members and the broader Malaysian logistics community to internalize these principles. Let us not wait for the future of sustainable supply chains to be written for us. Together, we can lead by example, proving that a truly ethical supply chain is one that nourishes communities, drives innovation, and fundamentally protects the world it serves. The time to turn green logistics ideas into practical action is now.



WOMEN LEADING PRACTICAL GREEN LOGISTICS ACTION

Date: 5 September 2026

Time: 15:55 – 18:00 WIB
08:55 – 11:00 GMT

Join Webinar on Zoom!

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OUR DISTINGUISHED SPEAKERS

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Turning green logistics ideas into practical action across Southeast Asia.
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Women in Logistics and Transport





UPNM and CILTM Researchers Unveil IoT-Driven Food Waste Management Framework at 18th ICHiSS 2026

The 18th International Conference on Humanities and Social Sciences (ICHiSS 2026), held on 15 September 2026, provided a premier platform for addressing contemporary logistical and societal challenges. The event featured a standout presentation by researchers from Universiti Pertahanan Nasional Malaysia (UPNM) representing the Chartered Institute of Logistics and Transport (CILTM). Led by Ts. Dr. Nor Fyadzillah binti Mohd Taha, alongside Puan Norshahela and Puan Nurasyiqin from the Fakulti Sains dan Teknologi Pertahanan, the team presented an innovative approach titled "Towards a Data-Driven Institutional Food Waste Management: A Conceptual IoT-Predictive Analytics Framework".



The presentation tackled the critical supply chain issue of institutional food waste by breaking down the operational inefficiencies that lead to spoilage. The researchers identified that current manual monitoring and static First-In, First-Out (FIFO) inventory methods cause severe information latency. This delay inevitably results in late decision-making, causing food to spoil before it can be utilized.

To combat this, the team proposed a technological shift from traditional FIFO to Dynamic FEFO (First-Expired, First-Out). Key components of their conceptual framework include:

- **Actual Shelf Life Prioritization:** Replacing the traditional focus on arrival dates with real-time tracking of actual remaining shelf life to determine which batches expire first.
- **IoT Integration:** Utilizing Internet of Things (IoT) sensors to dynamically monitor inventory health, storage conditions, and expiry timelines.
- **Predictive Analytics:** Leveraging data to anticipate spoilage and optimize usage schedules, shifting from reactive paper-based records to proactive inventory management.

While the broader ICHiSS 2026 conference covered diverse academic topics—including research on the reinforcement effect of algorithmic exposure on patriotic values—this session specifically highlighted the vital role of data-driven logistics in mitigating environmental and operational waste. The session concluded successfully with a Q&A segment and the UPNM-CILTM delegation receiving a certificate of appreciation for their research contributions.





Participation in the CILT International Convention 2026 Hong Kong | 21-24 September 2026

Prepared by the Chairperson, Women in Logistics and Transport (WiLAT) Malaysia, Ts. Dr. Nor Fyadzillah Mohd Taha, CMILT

Executive summary

WiLAT Malaysia participated in the four-day programme of the CILT International Convention 2026 in Hong Kong from 21 to 24 September. Hosted by the Chartered Institute of Logistics and Transport in Hong Kong (CILTHK), the convention brought together the international transport and logistics community under the theme “Global Corridors, Collaboration Excellence.” Its programme combined Global WiLAT activities, conference discussions, networking events and technical visits.



Our delegation's participation included the Global WiLAT Workshop, the wider convention programme and a WiLAT technical visit to MTR. At WE Got Talent, WiLAT Malaysia presented “Mirai,” performed by Dr Fyad San and Zul San, and the musical performance “Jodoh CILT.” The two entries achieved second and third place overall. Dr Zawiah Abdul Majid, FCILT, also received a CILT Certificate of Appreciation recognising her service as Champion Global Webinar from July 2023 to June 2026.

The Global WiLAT sessions addressed women's leadership, gender-sensitive public transport, ESG 2.0 and the international network's future work. The MTR visit added a practical transport perspective to those discussions. Together, these experiences provide a basis for knowledge sharing and focused follow-up in Malaysia.

1.0 Convention context and purpose

The CILT International Convention provides a forum for professionals in logistics, transport and supply chains to exchange knowledge and strengthen international connections. The 2026 convention was held at the Hopewell Hotel, Hong Kong. Its official programme identified 21-24 September as Days 1-4, following a separate Day 0 for international internal meetings. WiLAT Malaysia joined the four-day convention programme.

The theme “Global Corridors, Collaboration Excellence” is relevant to Malaysia because successful transport corridors depend on infrastructure, capable operations and cooperation among institutions and people. The convention approached these issues through conference discussions and visits to transport and logistics facilities.

For WiLAT Malaysia, participation also served a leadership purpose. Women should have opportunities to contribute to decisions about the sector's future, develop specialist knowledge and build international professional relationships. The Global WiLAT programme gave these priorities a place within the wider convention. Our post-convention task is to translate useful learning into activities that respond to Malaysian needs.





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2.0 Four-day overview

Day	Convention programme and Malaysian participation	Main significance
Day 1 – Monday, 21 September	Global WiLAT Workshop and WE Got Talent dinner. WiLAT Malaysia presented “Mirai” and “Jodoh CILT.”	Women’s leadership discussions and two award-winning Malaysian performances.
Day 2 – Tuesday, 22 September	Main conference opening, Global Corridor panel, Global WiLAT Meeting, technical visits and CILT International President Dinner.	International connectivity, WiLAT’s ESG 2.0 agenda and operational learning.
Day 3 – Wednesday, 23 September	Main conference discussions on collaboration excellence, AI applications in logistics and ESG, followed by the closing ceremony.	Subjects for future professional learning in Malaysia.
Day 4 – Thursday, 24 September	Further technical visits formed part of the programme.	Exposure to a range of transport and logistics operations.





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WiLAT Malaysia also undertook a technical visit to MTR. The visit is discussed separately below because it is a specific WiLAT activity confirmed by the Chairperson. The other attached technical-visit list records different assignments for individual Malaysian delegates and should not be read as a single itinerary followed by everyone. The official website describes an MTR visit centred on its Station Rail Voyage: Explorer exhibition at Hung Hom Station.

3.0 Global WiLAT Workshop: leadership and inclusive transport

The Global WiLAT Workshop was held on 21 September, with the supplied agenda carrying the theme “Corridors of knowledge: Amplifying diverse voices for innovative solutions.” It brought together Global WiLAT leadership, senior women from different parts of the transport and logistics sector, and contributors addressing gender-sensitive public transport. The workshop was scheduled from 11:00 a.m. to 1:00 p.m. at the Hopewell Hotel.

The opening sequence listed welcome remarks by Ms Cheris Lee, WiLAT Hong Kong Chairperson; opening remarks by Prof. Ir. Sam Chow, CILTHK President; special remarks by Mr Jan Steenberg, CILT International President; and a Global WiLAT update by Ms Doreen Owusu Flanko, Global WiLAT Chairperson. The update connected the activities of national WiLAT groups with the direction of the international network.

A central session was the “Morning Chat with Renowned Female Leaders: Amplifying Diverse Voices for Innovative Solutions.” The programme listed Ms Jeny Yeung, Chief Executive Officer of MTR Corporation Limited; Ms Poh-Yian Koh, President of FedEx China; and Ms Vivien Lau, Chief Executive Officer of Hong Kong Business Aviation Centre. Mr Bosco Leung, Social Responsibility Lead at MTR Corporation Limited, was listed as moderator. Their roles brought rail, logistics and aviation perspectives into one conversation.

For WiLAT Malaysia, this leadership theme raises a practical question: how can more women gain the experience, support and visibility needed to progress into senior and specialist roles? A professional network can help by offering opportunities to share expertise, learn from experienced leaders and build connections across organisations.

The workshop also included “WiLAT’s Global Action on Gender Sensitive Public Transport Services.” Its listed contributors were Prof. Anthony Yeh, Chair Professor in the Department of Urban Planning and Design at the University of Hong Kong, and Dr Si Qiao, whose academic appointments were identified across the University of Hong Kong and the Hong Kong University of Science and Technology (Guangzhou).

4.0 WE Got Talent: Malaysian achievement

At the WE Got Talent event on 21 September, WiLAT Malaysia contributed two performances. The supplied schedule identifies “Mirai,” performed by Dr Fyad San and Zul San, and the WiLAT Malaysia musical performance “Jodoh CILT.” The two entries achieved second and third place overall. I congratulate the performers and everyone who helped prepare and support them. Their participation gave WiLAT Malaysia an active, visible role before the international CILT community and added a Malaysian contribution to the convention’s shared experience. As the available schedule does not identify which entry received each placing, the results are reported jointly.

The subject is relevant to Malaysia because transport services must be considered from the user’s perspective as well as the operator’s. Access, safety, information and the needs of different passengers merit attention alongside efficiency. WiLAT Malaysia could help convene an evidence-based local discussion with practitioners and users.

5.0 Global WiLAT Meeting and recognition of Malaysian service

The Global WiLAT Meeting on 22 September had an agenda that included a preview and official launch of ESG 2.0, discussion of Champions in ESG Values-in-Action, a governance presentation, open dialogue with members and certificates of appreciation. These subjects are relevant to WiLAT Malaysia because international initiatives need clear roles and practical national contributions if they are to have a lasting effect.



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Dr Zawiah Abdul Majid, FCILT, received a CILT Certificate of Appreciation recognising her service as Champion Global Webinar from July 2023 to June 2026. Her recognition is a proud achievement for WiLAT Malaysia. It reflects a sustained commitment to sharing knowledge through the Global WiLAT network and demonstrates the contribution Malaysian members can make to international professional activities.

Following the meeting, WiLAT Malaysia should review the ESG 2.0 framework and consider where our members' skills and available resources could support its aims. Any local programme should have a clear purpose and be suited to Malaysia's transport and logistics context.

6.0 Technical visits, including the WiLAT visit to MTR

The WiLAT technical visit to MTR was an important practical component of our participation. The convention website describes its MTR visit as "Station Rail Voyage: Explorer" at Hung Hom Station, an exhibition presenting the development of Hong Kong's railway and its relationship with mobility and community life. The visit complemented the Global WiLAT discussions by placing passenger transport and the role of rail in a wider social and operational context.

From WiLAT Malaysia's perspective, an MTR visit is particularly relevant to discussions about inclusive public transport. Railway services can be considered through several connected questions: how passengers find and use information, how station environments support different users, and how a transport system evolves while continuing to serve its community. These are useful questions for further discussion in Malaysia. They are proposed areas of learning, rather than claims about particular MTR practices observed by every delegate.

The separate Malaysian technical-visit allocation list assigned individual delegates on 22 September to Towngas, a Citybus sightseeing bus tour, the Three-Runway System and Hong Kong International Airport, or the Port Community System. For 24 September, it listed Citybus New Autonomous Vehicle, Shenzhen and KLN Logistics among individual assignments. These visits covered different parts of the sector; each delegate's observations should be shared in a collective debrief so that the wider CILT Malaysia community can benefit from them.

7.0 Wider conference learning

The main conference opening on 22 September included Panel Discussion 1 – Global Corridor. The following day's programme listed Panel Discussion 2 – Collaboration Excellence, a fireside chat on AI Application in Logistics, and Panel Discussion 3 – Environmental, Social, Governance (ESG), followed by the closing ceremony. These themes matter to WiLAT Malaysia because they shape the roles and skills available in our sector. AI increases the value of combining operational knowledge with digital capability. ESG calls for organisations to connect commitments with decisions and practice. Collaboration requires professionals who can work across disciplines, companies and institutions.

WiLAT Malaysia can help members engage with these changes through focused discussions and knowledge-sharing sessions. Bringing together practitioners, researchers and emerging professionals would make the convention themes relevant to career development and operational challenges in Malaysia.

8.0 Outcomes and priorities for WiLAT Malaysia

Our participation produced clear achievements: a four-day presence at the international convention, two WE Got Talent entries that achieved second and third place overall, Dr Zawiah's recognition for Global Webinar service, and the WiLAT technical visit to MTR. The workshop, meeting and conference programmes also provided subjects for continued professional discussion.



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Three priorities should guide our follow-up. First, we should share learning from the MTR and other technical visits so members who did not travel can benefit. Second, we should support more women in visible professional roles, including speaking, mentoring and knowledge sharing. Third, we should review Global WiLAT's ESG 2.0 work and consider a focused Malaysian contribution. These priorities can be advanced through a small number of activities with clear leads and achievable outcomes.

9.0 Proposed follow-up plan

Proposed action	Suggested lead	Suggested time frame	Intended output
Hold a delegation debrief covering the convention and each technical visit, including MTR.	WiLAT Malaysia Chairperson and participating delegates	Within 2–3 weeks	Shared record of key learning.
Share the WiLAT MTR visit and other destination-specific learning with CILT Malaysia members.	Delegates assigned to each visit	Within 1 month	Concise visit briefings.
Review Global WiLAT's ESG 2.0 framework.	WiLAT Malaysia committee	Within 1 month of receiving the framework	Proposal for a feasible Malaysian contribution.
Organise a discussion on women's leadership and career progression.	WiLAT Malaysia professional-development team	Within 2–3 months	Member priorities and potential activities.
Explore a Malaysian discussion on gender-sensitive public transport.	WiLAT Malaysia with relevant CILT Malaysia members	Within 3 months	Scoped discussion paper or event proposal.



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Conclusion

The CILT International Convention 2026 gave WiLAT Malaysia four days of engagement with the international transport and logistics community. The Global WiLAT sessions, wider conference and WiLAT visit to MTR connected discussions about leadership and inclusive transport with the broader themes of connectivity, technology and operational practice.

We also have achievements to celebrate. “Mirai” and “Jodoh CILT” earned second and third place overall at WE Got Talent, while Dr Zawiah Abdul Majid, FCILT, was recognised for her sustained service as Champion Global Webinar. These contributions reflect the energy and expertise that Malaysian members bring to the international WiLAT network.

I extend my appreciation to CILTHK and the convention organisers, Global WiLAT, CILT Malaysia, our Malaysian delegation, and the performers and supporters of both WE Got Talent entries. I look forward to building on our participation through practical knowledge sharing and activities that benefit WiLAT Malaysia members.





The Chartered
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NEXT GENERATION

NEXTGEN CILTM

To provide a forum where students and next generation professionals can expand their sector knowledge, start building their professional networks, learn and practise presentational, collaborative, strategic and leadership skills, and move on to become successful professionals and highly effective participants in CILT branches, territories and international leadership.



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MALAYSIA-CHINA TRANSPORT COOPERATION: BUILDING A SMARTER AND MORE SUSTAINABLE REGIONAL CONNECTIVITY

Malaysia-China Transport Cooperation: Building a Smarter and More Sustainable Regional Connectivity

The recent signing of the Memorandum of Understanding (MoU) on Transport Cooperation between Malaysia and China marks an important development in strengthening transport and logistics connectivity between the two countries. Covering land, rail, maritime, air transport and logistics, the agreement reflects the increasingly integrated nature of modern supply chains, where efficient movement of goods and people depends on cooperation across multiple modes of transport.

One of the most significant aspects of the cooperation is its focus on technology, particularly artificial intelligence (AI), green transport and low-carbon infrastructure. For Malaysia, collaboration with China could create opportunities to accelerate the adoption of smart technologies in areas such as predictive maintenance, route optimisation, automated warehousing, traffic management and supply chain visibility. These technologies have the potential to improve operational efficiency while supporting the transition towards more sustainable transport systems.

The agreement also highlights the importance of knowledge and capacity building. Transport infrastructure alone does not determine the competitiveness of a logistics hub; skilled professionals, effective regulations and strong institutional capabilities are equally important. The exchange of technical expertise between Malaysia and China could therefore contribute to developing a workforce that is better prepared for emerging technologies and increasingly complex supply chain requirements.



Malaysia, China deepen transport ties with new MoU covering land, rail, air and sea

PUTRAJAYA, Sept 23 — Malaysia and China are strengthening strategic cooperation in the transport sector through the signing of a Memorandum of Understanding (MoU) on Transport...

— Malay Mail | Sep 23

From a supply chain perspective, stronger Malaysia-China cooperation could also contribute to Malaysia's ambition to strengthen its position as a regional logistics and transport hub within ASEAN. Improved connectivity across maritime, rail, air and land networks can provide businesses with more options to move goods efficiently across the region. This becomes particularly relevant as companies continue to diversify their supply chains and look for resilient logistics networks in Southeast Asia.

The civil aviation safety cooperation between CAAM and CAAC is another important component. Greater alignment in certification, licensing and regulatory oversight can reduce duplication in technical processes and facilitate the movement of aviation-related products and services. This demonstrates that international transport cooperation is not limited to physical infrastructure; regulatory compatibility and safety standards are equally important in enabling seamless connectivity.

For the younger generation of logistics and transport professionals, this development presents an opportunity to think beyond traditional logistics operations. The future of the industry will increasingly require professionals who understand AI, sustainability, multimodal transportation, data analytics, infrastructure and international cooperation. As Malaysia strengthens its transport links with major economic partners, young professionals will have an important role in translating these strategic agreements into practical improvements on the ground. Ultimately, the Malaysia-China transport cooperation demonstrates that the future of logistics is increasingly built on connectivity, technology and collaboration. The success of such cooperation will depend not only on infrastructure investment, but also on how effectively both countries exchange knowledge, develop talent, adopt technology and translate strategic agreements into measurable improvements in transport efficiency and sustainability.



POSITIONING PERAK AS MALAYSIA'S NEXT SUPPLY CHAIN ENGINE: OPPORTUNITIES AND MODERN BOTTLENECKS

Perak is undergoing a noticeable economic repositioning. Long recognized primarily for its rich mining heritage, agriculture, and quiet residential towns, the state is rapidly re-architecting itself into a vital logistics and manufacturing corridor along the western seaboard of Peninsular Malaysia. Positioned strategically between the industrial powerhouse of Penang to the north and the high-demand market of Klang Valley to the south, Perak is no longer treating its geography as an intermediate passing point, but rather as an intentional ecosystem designed to support regional supply chain resilience.

A central driver behind this shift is the ambitious execution of mega-industrial projects, such as the Silver Valley Technology Park (SVTP) in Ipoh and the high-tech automotive hubs in Tanjong Malim. These industrial corridors are purposely mapped to attract advanced manufacturing, electronics assembly, and green vehicle technologies. However, industrial expansion requires seamless connectivity. To keep up with modern demand, local logistics providers are transitioning away from fragmented transport models to integrated supply chain management solutions that directly link inland industrial production with major export nodes across the state.

A significant breakthrough in Perak's logistics network lies along its coastline at the Lumut Maritime Industrial City (LuMIC). By expanding maritime access via multi-purpose terminals and specialized transshipment facilities, Perak has established a coastal alternative to heavily congested central trade hubs. The strategic developments at Lumut offer a direct outlet to the Malacca Strait, serving as a critical gateway for bulk commodities, manufacturing inputs, and maritime trade that bypasses traditional port bottlenecks down south.

Complementing maritime access is the state's extensive inland infrastructure, anchored by major expressways and the West Coast Expressway (WCE). The ongoing optimization of the WCE has reshaped freight flows, allowing industrial operators to transfer goods directly from factories in Perak to international ports like Port Klang and Penang Port with significantly lower transit friction. Freight operators have increasingly embraced this route to circumvent urban traffic congestion along the North-South Expressway, leading to more predictable freight cycles and reduced operational costs for regional shippers.

Despite these infrastructure advancements, Perak's logistics ecosystem faces an ongoing challenge: the digital and operational gap within small to medium-sized enterprises (SMEs). While mega-parks and multinational logistics hubs boast automated warehouses and real-time tracking systems, local transport vendors often lag in adoption. The push toward Smart Freight Management—utilizing AI-driven routing, IoT fleet tracking, and automated inventory systems—remains uneven across the state, creating minor supply chain friction points where high-tech hubs connect with traditional transport contractors.

Environmental sustainability represents another operational shift impacting the sector. As global supply chain demands mandate lower carbon footprints, logistics firms operating within Perak are feeling pressure to decarbonize. Industrial developments across the state are incorporating green energy, eco-friendly warehousing practices, and digitized documentation processes to align with broader ESG (Environmental, Social, and Governance) targets. Transitioning fleet vehicles to lower-emission options and installing solar-powered logistics centers are fast becoming baseline prerequisites for attracting foreign direct investment.

Human capital constraints present another hurdle that requires long-term planning. The transition from basic freight hauling to sophisticated supply chain orchestration demands specialized skills, ranging from supply chain analytics to automated equipment management. To prevent talent brain drain to neighbouring urban centers like Selangor or Penang, state agencies and academic institutions in Perak are establishing targeted vocational programs. These initiatives aim to train local professionals in cold-chain logistics, port operations, and digital inventory control to build a robust local talent pipeline.

Perak stands at a pivotal juncture where strategic location meets intentional economic development. The state's ability to seamlessly synthesize port capabilities at Lumut, inland connectivity via the WCE, and high-tech industrial parks like SVTP will dictate its standing in the broader ASEAN supply chain matrix. By addressing lingering digital gaps and investing in specialized talent, Perak can fully transform its industrial lands into an indispensable logistics engine for Malaysia.

HARIHARANRAJA A/L K.R.NAGALINGAM, MILT
Logistics Lecturer, ABRICKS College
NEXTGEN Representative, Perak State





CILT NEXT GENERATION LEADERSHIP RECOGNITION

Warm congratulations to the past CILT Next Generation Malaysia Chairperson, Dr. Hazariah Mohd Noh, CMILT, on receiving this CILT Next Generation award at the CILT International Convention 2026 in Hong Kong. It recognises her exceptional leadership as past CILT Next Generation Regional Chairperson - Southeast Asia, and her dedicated service and lasting contribution.

As Dr. Hazariah was unable to attend the presentation, the current CILT Next Generation Malaysia Chairperson, Vivek Appalanaidu, accepted the award on her behalf. We are proud to celebrate her achievement and the impact of her work with the Next Generation community.



**A LASTING CONTRIBUTION
DR. HAZARIAH MOHD NOH, CMILT**



CILT Malaysia delegates attending the Next Generation Session.



President of CILT Malaysia, Prof. Dr. Zaly Muhammad Shah, FCILT giving complimentary to Global Next Generation Chairperson, Dianah Nassimbwa, MILT.

CILT Malaysia Next Generation Chairperson, Vivek Appalanaidu, MILT with Global Next Generation Chairperson, Dianah Nassimbwa, MILT

Next Generation in CILT International Convention 2026 at Hong Kong



Panel discussion participants at the Next Generation session.



SESSION TOPIC
Synergistic Pathways: Forging Sustainable Global Corridors Through Collaborative Green Logistics

MODERATOR & SPEAKERS

Ms. Sarah Aboagye - Moderator, Next Generation Regional Chairperson for Africa
Dr. John Yu - Chairman, Logistics Policy Committee
Mr. Alexander Siu - Vice Chairman, Logistics Policy Committee; Member, Next Generation Committee
Dr. Mugabo Patrick - International Vice President Africa; Chair of the Africa Forum
Ms. Tiffanie Li - Next Generation Regional Chairperson for East Asia

A Platform for Young Voices - The Headway Global



The Headway Global Cover



A page introducing the platform

The Headway Global Launches

The Headway Global, a magazine for the Next Generation transport and logistics community, was launched during the convention. Its first volume gives young professionals a place to share ideas and perspectives across borders. For NextGen Malaysia, it is a welcome channel through which our members can make their work visible.



**A REFLECTION ON THE CILT INTERNATIONAL CONVENTION 2026
BY; VIVEK APPALANAIDU | CHAIRPERSON, NEXT GENERATION CILT MALAYSIA**



The Malaysian delegation at CILT International Convention 2026.

As Chairperson of Next Generation CILT Malaysia, attending the convention in Hong Kong gave me a chance to see our work as part of a much wider community. The Next Generation session brought voices from different regions together around a question that matters to us all: how do we build sustainable transport and logistics links together?

What stayed with me was the openness of the exchange. We all speak about sustainable transport and logistics, but each country starts from a different place. Hearing those perspectives made me ask how we can bring more Malaysian students and young professionals into the conversation, especially those with ideas but few opportunities to share them.

The launch of The Headway Global felt like one answer. It offers a place for young people to tell the story behind their work and learn from peers elsewhere. I would like to see Malaysian voices represented there.

CILT Australia's Young Thinkers innovation award also caught my attention. Recognising fresh thinking matters, and young members need people who will listen, challenge them constructively and help them improve what they propose. I want us to create more of those chances at home.

As Chairperson, I came home wanting to make participation easier. I want more Malaysian members to share their work, connect with NextGen peers overseas and tackle real industry questions together. The contacts made in Hong Kong can help us create those opportunities.



**VIVEK A/L APPALANAIDU MILT
CHAIRPERSON, NEXT GENERATION CILT MALAYSIA**





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leaders.

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Professional Reflection

Malaysia's Drone Moment: CILTM Must Take a Bigger Stake

By Datuk Ts Dr Hj Ramli Amir FCILT

CILTM Past President

Malaysia is entering a decisive period in the development of drone technology and the emergence of the Low-Altitude Economy (LAE). Drones are no longer simply recreational devices or experimental gadgets. They are becoming potential logistics assets for medical deliveries, rural connectivity, port and asset inspection, agriculture, disaster response, infrastructure monitoring, industrial operations, and, eventually, new forms of air mobility.

The question for the Chartered Institute of Logistics and Transport Malaysia (CILTM) is therefore not whether drones matter to our profession. They already do. The real question is whether CILTM is prepared to take a meaningful leadership role before the sector's future direction is determined solely by aviation regulators, technology vendors, and isolated pilot projects.

Malaysia does not lack authority over drone operations. The Civil Aviation Authority of Malaysia (CAAM) is responsible for aviation safety, airspace access, UAS approvals, and operational compliance. CAAM is also consulting stakeholders on a proposed Low-Altitude Economy Framework, while the Malaysia Drone Technology Action Plan 2022–2030 identifies strategic areas such as UAS traffic management, talent development, agriculture, emergency response, rural medical logistics, smart cities, and urban air mobility.

Yet a major gap in governance and implementation remains.

The gap lies between regulation and deployment. Aviation rules can determine whether a drone may fly safely. But they do not, by themselves, create a viable drone logistics service, a reliable medical-delivery network, a professionally managed port-inspection programme, or an economically sustainable rural-connectivity solution.

A successful drone operation requires much more than a drone and a licensed remote pilot. It requires route planning, payload and chain-of-custody controls, ground handling, demand forecasting, safety management, risk assessment, insurance, data governance, cyber security, maintenance planning, service-level agreements, cost analysis, emergency procedures, community acceptance, and performance measurement. These are transport and logistics disciplines.

This is why CILTM must take a bigger stake.

CILTM should not seek to duplicate CAAM's statutory role. CAAM must remain the authoritative regulator for flight safety and airspace. Instead, CILTM should fill the professional space between aviation regulation, technological capability, user demand, and practical implementation.

The Institute can provide the missing professional architecture for Malaysia's drone and low-altitude ecosystem.

First, CILTM should serve as the convenor. It can bring together CAAM, the Ministry of Transport, MRANTI and MOSTI, MCMC, survey and geospatial agencies, insurers, universities, ports, logistics operators, hospitals, industrial parks, plantation companies, drone-service providers, local authorities, and security agencies. Malaysia needs a credible neutral platform where operational issues can be discussed before they become barriers to investment and implementation.

Second, CILTM should lead professional standards and competency development. Remote pilots require aviation competence, but organisations also need qualified drone logistics managers, UAS fleet supervisors, low-altitude operations coordinators, cargo and ground-handling personnel, safety and compliance managers, and drone service procurement specialists. CILTM can develop short courses, professional certificates, executive programmes, continuing professional development modules, and competency frameworks that address this wider capability requirement.

Professional Reflection

Malaysia's Drone Moment: CILTM Must Take a Bigger Stake

By Datuk Ts Dr Hj Ramli Amir FCILT

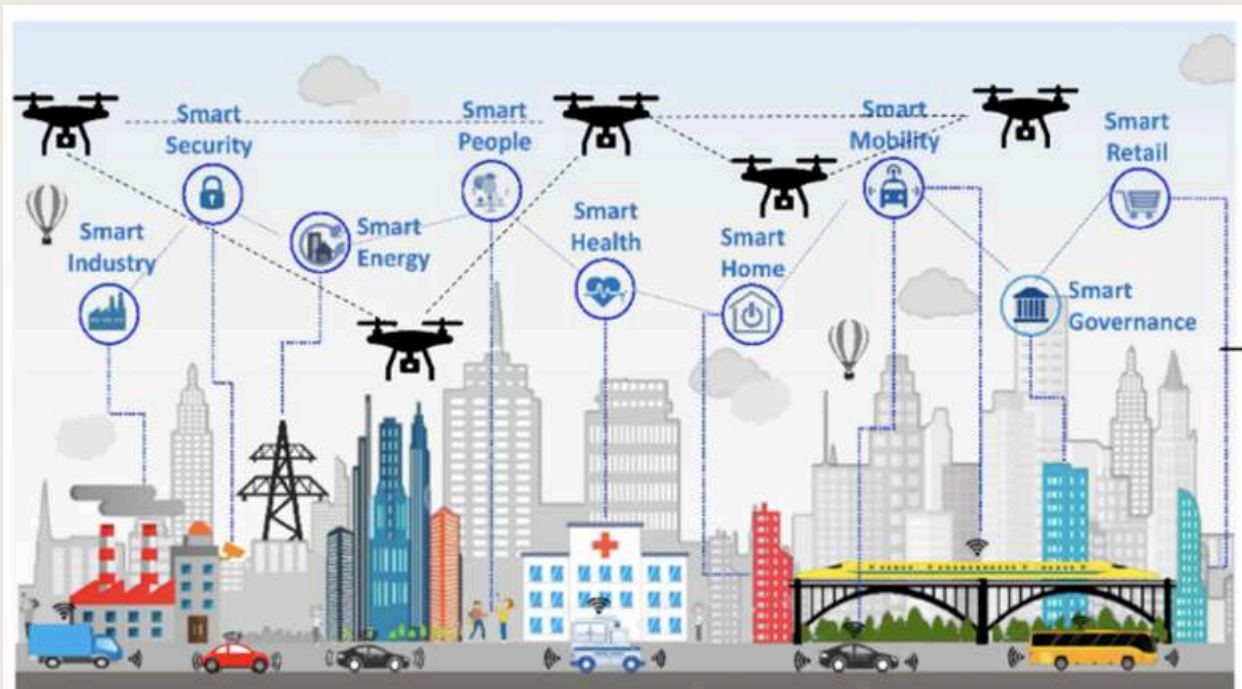
CILTM Past President

Third, CILTM should develop practical sector guidelines. These may cover rural medical logistics, emergency delivery, port and maritime inspections, industrial site operations, agriculture, infrastructure monitoring, cargo security, supply chain risk, data governance, and environmental responsibility. Such guidance would help users move beyond one-off demonstrations toward disciplined, repeatable, and scalable operations.

Fourth, CILTM should insist on evidence. Too many technology initiatives are celebrated at launch but are never independently assessed for long-term value. Every drone pilot project should be measured against cost, time saved, service reliability, safety performance, payload integrity, carbon impact, regulatory lead time, jobs created, and community acceptance. CILTM can provide an independent professional framework for determining whether a project should be scaled, redesigned, or discontinued.

The emerging Low-Altitude Economy is not just an aviation agenda. It is a transport, logistics, infrastructure, workforce, digital governance, and economic development agenda. If CILTM does not take its rightful place in this space, others will define the standards, capabilities, and priorities without sufficient input from the logistics and transport profession.

CILTM must therefore act now: establish a Drone Logistics and Low-Altitude Mobility Special Interest Group, contribute formally to national policy consultations, develop professional competency pathways, convene industry and government stakeholders, publish practical guidance, and lead evidence-based pilot evaluations. CAAM regulates the sky. CILTM can help Malaysia make responsible, competent, and productive use of it.



Professional Reflection

Beyond the Battlefield: Advancing Logistics Excellence in Defence Transportation and Supply Chains by Major Log. Ts. Prabhakaran Rajagopal CMILT

Abstract

In defence operations, logistics enables every other capability to function. Unlike commercial supply chains, defence logistics operates amid uncertainty, urgency, resource constraints, geographical challenges and changing requirements. Transportation is therefore not merely movement; it is a critical element of operational readiness.

Understanding the End to End Logistics Chain

Defence logistics connects personnel, military units, transportation assets, warehouses, maintenance facilities, suppliers and supporting agencies. Its effectiveness depends on coordination across the network. A transportation delay may result from a spare-parts shortage, procurement delay, supplier constraint or inaccurate demand forecast. Consequently, transportation, warehousing, procurement and inventory should not be managed as isolated functions. Small disruptions can generate significant downstream effects. Delayed vehicles, incomplete documentation, unavailable parts or inadequate storage capacity can disrupt movement plans. End to end visibility, accurate information, clear accountability, contingency planning and effective communication are therefore essential.

Transportation: More Than Movement

Defence transportation must balance mission priorities, vehicle availability, route accessibility, weather, payload, scheduling, fuel, maintenance and personnel readiness. Dependence on one route, supplier or transportation asset creates vulnerability. Alternative routes, backup assets and flexible capacity strengthen continuity. Efficiency optimises today's operation; resilience prepares for tomorrow's disruption.

Readiness: The True Measure of Excellence

Commercial logistics commonly emphasises cost, delivery time, inventory turnover and service levels. Defence logistics adds a crucial question: can the required capability be delivered when needed? A vehicle that is available but poorly maintained does not represent reliable capacity, while inaccessible inventory provides limited operational value. Readiness is created before a crisis through preventive maintenance, inspections, stock monitoring, personnel training, emergency procedures and exercises. This principle applies equally to civilian supply chains.

Resilience, Inventory and Maintenance

Resilience requires organisations to anticipate disruption, prepare contingencies, respond quickly, recover efficiently and learn from experience. Plan B and sometimes Plan C can prevent local disruptions from becoming system wide failures. Inventory must be managed according to risk and operational importance. The question is not simply how much stock exists, but how critical an item is, how quickly it can be replenished, whether it can be substituted, its shelf life and where it should be positioned. Inventory is a strategic resource. Transportation capability also depends on maintenance logistics. Preventive maintenance reduces failures and extends asset life, but requires spare parts, tools, expertise, facilities and time.

People, Technology and Learning

Leadership, communication, teamwork, technical competence, adaptability, decision-making and professional ethics determine logistics performance. Digital tools including fleet management, tracking, warehouse systems, predictive maintenance, data analytics, artificial intelligence and IoT can improve visibility and decisions. However, technology should solve genuine logistics problems, not replace professional judgement. Data must be accurate, timely, accessible and secure, with cybersecurity and information governance. After Action Reviews convert experience into organisational knowledge by examining expectations, outcomes, successes, failures, causes and improvements. This strengthens future performance.

Professional Reflection

Beyond the Battlefield: Advancing Logistics Excellence in Defence Transportation and Supply Chains

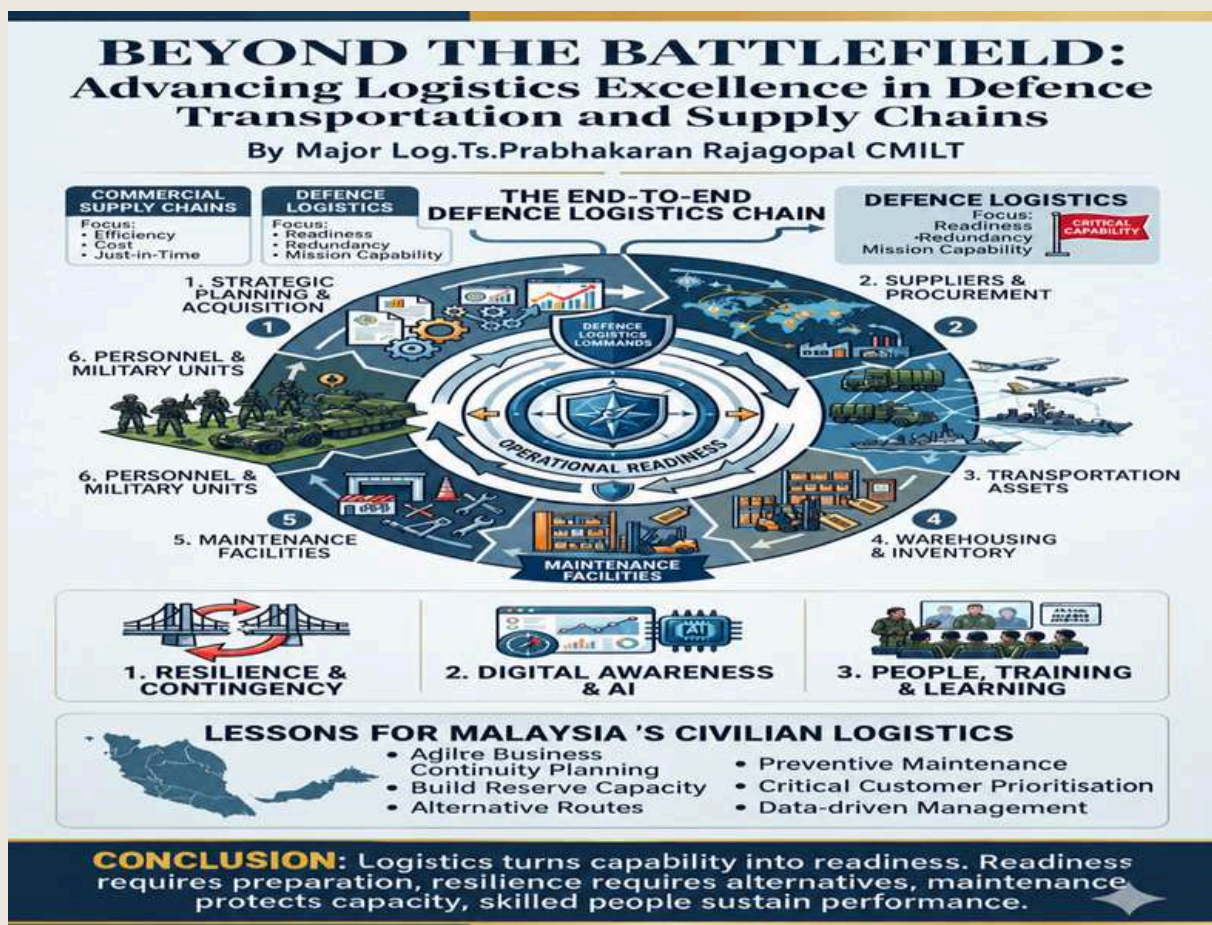
by Major Log. Ts. Prabhakaran Rajagopal CMILT

Lessons for Malaysia's Civilian Logistics Sector

Malaysia's logistics industry faces monsoon conditions, flooding, landslides, infrastructure disruption, supply-chain dependency and changing customer expectations. Defence logistics principles can be adapted through business continuity planning, reserve capacity, alternative routes, preventive maintenance, critical-customer prioritisation, collaboration and data-driven management. The objective is to translate relevant practices appropriately.

Conclusion: Beyond the Battlefield

Logistics excellence is measured not only by efficiency in normal conditions, but by the ability to sustain capability when circumstances change. Defence logistics demonstrates the value of readiness, resilience, contingency planning, resource management, maintenance, teamwork, digital awareness and continuous learning. For the broader transport and logistics profession, moving beyond the battlefield means transforming operational experience into professional knowledge and applying it to build stronger, more resilient and sustainable supply chains. Wherever people, resources and time must come together under pressure, logistics remains the force that turns capability into readiness. Basically, readiness requires preparation, resilience requires alternatives, maintenance protects capacity, accurate data improves decisions, skilled people sustain performance, collaboration strengthens interoperability and structured learning turns disruption into improvement. These principles apply across logistics environments.



Professional Reflection

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Professional Reflection

SEEING READINESS: AI-ENABLED DEFECT DETECTION IN DEFENCE TRANSPORTATION AND LOGISTICS

Major Log. Ts. Prabhakaran Rajagopal, LogM, CMILT
Asst Prof Ts. Dr. Heshalini Rajagopal, SMEEE (US), MIET (UK)

Abstract

In defence logistics, operational readiness depends not only on the availability of vehicles, weapons, machinery and infrastructure, but on their true serviceability. A transport fleet may appear complete on paper, yet its capability is immediately reduced when corrosion affects a vehicle chassis, a crack develops in a bridge deck, a fastener is missing from critical equipment, or a warehouse roof deteriorates. For military logisticians, the decisive measure is therefore not how many assets are owned, but how many can safely perform their assigned mission when required. Image classification and computer vision offer a practical route towards stronger preventive and corrective maintenance. Cameras, unmanned aerial vehicles, fixed inspection systems and mobile devices can capture visual evidence of cracks, potholes, corrosion, loose fittings, worn components, damaged welds and surface deterioration. Deep-learning models can then screen large volumes of images consistently, flag probable defects and direct qualified engineers or technicians towards the assets requiring attention. Computer vision is already being applied to identify visible damage such as cracks and wear, while machine-learning approaches increasingly combine historical and real-time data to anticipate maintenance needs.

From Inspection to Intelligent Screening

Traditional inspection remains indispensable in defence. Technicians examine military vehicles, weapons systems, machinery, buildings, bridges, storage areas, workshops, runways and transport infrastructure to ensure that they meet safety and operational standards. Yet manual inspection has constraints: it is labour-intensive, dependent on experience, affected by fatigue and difficult to conduct frequently across dispersed assets. Computer vision should not replace professional inspection; it should improve it. Image classification answers whether an image or component is likely to contain a defect. Object detection identifies the location and number of defects through bounding boxes. Semantic segmentation outlines the exact affected area, enabling engineers to estimate crack length, corrosion coverage or surface damage. Anomaly detection offers another useful approach: it learns what a normal component looks like, then highlights unusual visual patterns even when the defect type was not part of the original training dataset. Deep-learning methods now support rail crack monitoring through sensor, image-processing, object-detection and hybrid multi-modal approaches. For a defence maintenance organisation, this enables a more efficient division of labour. AI performs high-volume preliminary screening; skilled personnel validate flagged findings, determine severity and authorise the maintenance action.

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Applications Across Defence Assets

The potential applications extend across the defence transportation and logistics ecosystem:

Asset area	Detectable visual conditions	Operational value
Military vehicles and transport fleets	Corrosion, tyre wear, fluid leaks, chassis cracks, damaged panels	Improves fleet availability and reduces roadside breakdowns
Weapons and machinery	Surface cracks, loose fasteners, damaged casings, wear indicators	Supports safe handling, reliability and maintenance planning
Buildings, depots and warehouses	Concrete cracking, roof damage, corrosion, water leakage and structural deterioration	Protects personnel, stores and maintenance operations
Roads, bridges and airfields	Potholes, pavement cracks, spalling, faded markings and drainage deterioration	Preserves mobility, access and safe movement
Aircraft, ships and port facilities	Corrosion, coating degradation, cracks, missing fittings and weld anomalies	Supports airworthiness, seaworthiness and strategic lift readiness

Drones are especially useful for elevated, remote or hazardous structures, including bridges, towers, hangars, aircraft exteriors, ship hulls and perimeter infrastructure. Edge-based computer-vision systems can also process images locally, reducing data-transfer requirements and improving the usefulness of inspection tools where connectivity is limited. Defence-oriented computer-vision platforms are being developed specifically for rugged conditions, real-time defect classification, dimensional analysis and predictive-maintenance workflows.

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Linking Detection to Logistics

The value of defect detection is realised only when it is connected to the maintenance and supply chain process. A visual alert must trigger a disciplined workflow: verification, defect classification, risk assessment, work-order creation, spare-parts demand, technician assignment, repair, quality assurance and asset return to service. This link is vital in military logistics. Detecting a defective component without ensuring the availability of the correct spare part, recovery capability, workshop capacity or technical expertise does not restore readiness. The appropriate maintenance model is therefore:

Detect → Verify → Prioritise → Repair → Record → Learn

Every geotagged and time-stamped inspection image should strengthen the asset's maintenance history. Over time, this enables trend analysis: whether corrosion is spreading, whether certain routes accelerate vehicle wear, whether a building defect is worsening, or whether particular parts fail earlier than expected. Malaysia is already examining artificial intelligence for predictive maintenance, logistics optimisation and decision support, while broader defence planning identifies data, tracking and performance analysis as strategic applications of digital technology. Research on Malaysian military fleet management similarly highlights the potential of telematics, AI and IoT to improve asset allocation, tracking and maintenance effectiveness.

Governance and Professional Judgement

Implementation must be careful. Models require locally relevant images, including assets operating in tropical heat, heavy rain, mud, salt exposure and low-light conditions. False alarms and missed defects must be monitored. AI outputs must be auditable, cybersecurity protections must be robust, and safety-critical decisions must remain under qualified human authority. For CMILT members and students, the lesson is clear: digital maintenance is not solely an engineering issue. It is a logistics capability involving data governance, asset management, spare-parts planning, procurement, transport scheduling, workforce competence and operational risk.

Conclusion

Image classification can transform defence maintenance from periodic, reactive inspection into continuous, condition-based readiness management. Its greatest contribution is not merely detecting visible defects, but enabling earlier intervention, more accurate resource allocation and fewer unexpected failures. In military transportation and logistics, prevention protects capacity, corrective maintenance restores capability, and verified data enables sound decisions. When embedded within disciplined maintenance and supply-chain processes, AI-enabled defect detection becomes a force multiplier helping ensure that vehicles move, infrastructure stands, machinery functions and operational readiness endures.

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**Major Log. Ts. Prabhakaran
Rajagopal, LogM, CMILT**

SHORT PROFILE

Major Log. Ts. Prabhakaran Rajagopal, LogM, CMILT is a serving officer of the Malaysian Army with more than 20 years of distinguished experience in military logistics, transportation, supply chain management, operational sustainment, and leadership. He currently serves as the Camp Commandant of the 13th Brigade Infantry and has held key appointments including Operations Officer, Second-in-Command, Logistic Officer, Company Commander, and Motorised Transportation Officer. He is currently pursuing a PhD focusing on the evaluation of factors influencing civil-military cooperation in natural disaster management in Malaysia. He holds dual Master's degrees in Public Administration and Business Management (Defence & Security), together with a Postgraduate Diploma in Strategic and Defence Studies from the National Defence University of Malaysia (NDUM). His academic background is further complemented by qualifications in Bachelor degree in Sports Management and Diploma in Computer Science. A Chartered Member of the Chartered Institute of Logistics and Transport (CMILT) and a Professional Technologist (Ts.) registered with the Malaysia Board of Technologists (MBOT), Major Log. Ts. Prabhakaran is professionally recognised for his expertise in military logistics, transportation management, warehouse operations, disaster logistics, supply chain resilience, and civil-military cooperation in Humanitarian Assistance and Disaster Relief (HADR) operations. His professional competency and expertise have been evaluated and approved by the LogM Board of Assessment, Accreditation, and Certification (LogM BAAC) of The Society of Logisticians, Malaysia (Pertubuhan Pakar Logistik Malaysia) (LogM). Drawing upon extensive operational, leadership, professional, and academic experience, he remains committed to advancing logistics and transportation practices, developing future logistics professionals, and promoting innovation, operational excellence, resilience, and effective civil-military collaboration across the logistics and supply chain sector.

SHORT PROFILE

Asst Prof Ts. Dr. Heshalini Rajagopal SMEE (US), MIET(UK) is an accomplished academic, researcher, and Professional Technologist (MBOT) with over 12 years of experience in electrical, electronic, mechatronic, and computer engineering disciplines. She holds a PhD in Signal and Systems from the University of Malaya. Currently, she serves as an Assistant Professor at MILA University, where she plays a pivotal leadership role as the Postgraduate Studies Coordinator and Head of Programme for Mechatronic Technology. A recognized expert in Image Processing, Internet of Things (IoT), Artificial Intelligence, and Machine Learning, Dr. Heshalini specializes in advanced defect detection, image quality assessment, and sustainable deep learning applications. Her extensive research portfolio includes serving as a Principal Investigator on funded AI projects and publishing over 30 peer-reviewed papers spanning robotics, wood species recognition, and photovoltaic technologies. As a Senior Member of IEEE, she actively contributes to the global scientific community as an international conference co-chair, presenter, and technical journal reviewer. Throughout her career which includes academic appointments at UCSI University, Manipal International University, and a visiting professorship at the Shandong Institute of Commerce and Technology (SITC) in China, She was invited as a speaker for I-COSTECH 2026 at Universitas Islam Riau, Indonesia. She has successfully supervised numerous Master's and PhD candidates. Dr. Heshalini also brings deep administrative expertise in institutional programme management and rigorous academic accreditations, including MQA, MBOT, and EAC/ETAC standards.



**Asst Prof Ts. Dr. Heshalini
Rajagopal SMEE (US), MIET(UK)**

Professional Reflection

Northern Malaysia's Maritime Moment: Why Penang Port Matters Beyond Penang by Capt. James T. H. Foong MBA FCILT FNI FCMI

Northern Malaysia's logistics story is often discussed in separate pieces: Penang's manufacturing base, Kulim's industrial growth, Padang Besar's cross-border role, and Penang Port itself. I believe the bigger opportunity is to stop viewing them separately.

As a Penang-born mariner, I naturally look at the region from the sea outward. A port is not only a place where ships berth and cargo moves. It is where shipping, industry, regulation, infrastructure and national competitiveness meet.

That is why Penang Port matters far beyond the waterfront.

Northern Malaysia already has many of the ingredients needed for a stronger logistics corridor. Penang remains a major manufacturing centre. Kedah continues to attract industrial investment. Perlis sits at an important land gateway to Thailand. The next step is to connect these strengths more deliberately through efficient port, rail and road links.

For Penang Port, this means thinking beyond terminal capacity. Capacity matters, but so do turnaround time, hinterland connectivity, customs efficiency, digitalisation, green operations and reliability. From a shipping perspective, ports earn confidence when they are predictable, efficient and easy to work with.

The geopolitical environment makes this even more important. Supply chains are being reshaped by trade tensions, regionalisation and recurring disruption. Manufacturers now look not only at cost, but also at resilience. Northern Malaysia should therefore position itself as a region where production and logistics can continue to function even when global conditions become difficult.

This is also where CILTM has an important role.

The value of a professional institute is not simply the letters after our names. It is the ability to bring practitioners, academics, policymakers and the next generation into the same conversation. Malaysia needs more of that.

Our logistics challenges are increasingly interconnected, and no single organisation can solve them alone.

For me, the case for Penang is personal as well as professional. I grew up here, went to sea from here, and today I am researching maritime geopolitics and supply-chain resilience in Penang.

I would like to see Northern Malaysia think bigger about its maritime future.

Penang Port should not only serve the northern region. With the right connectivity, governance and long-term planning, it can help shape the region's economic future and become one of Malaysia's most important northern gateways to international trade. The opportunity is already in front of us. What matters now is whether industry, government and professionals are prepared to connect the pieces and act with purpose.

About the Author

Capt. James T. H. Foong MBA FCILT FNI FCMI is a Penang-born Malaysian Master Mariner with experience spanning shipping, maritime operations, governance and logistics. He received a full MISC scholarship and began his maritime education at Akademi Laut Malaysia before progressing through a seagoing career in merchant shipping. He later earned an MBA in Shipping and Logistics from Middlesex University London and is currently pursuing PhD research at Universiti Sains Malaysia (USM), Penang, focusing on maritime geopolitics, supply-chain resilience and shipping policy.

Capt. James is a Chartered Fellow of the Chartered Institute of Logistics and Transport, a Fellow of The Nautical Institute UK and a Fellow of the Chartered Management Institute. He also featured on LinkedIn with more than 40,000 followers, sharing perspectives on shipping, leadership and maritime affairs.

His work connects maritime experience with logistics strategy, governance, academia and public policy, with a commitment to Penang and Northern Malaysia.



**Capt. James T. H. Foong MBA
FCILT FNI FCMI**

Professional Reflection

Is Malaysia Ready for the Electric Vehicle (EV) Revolution

By: Ts Dr. Nuur Fathin Roslan CMILT

Senior Lecturer, UniKL MITEC, PASIR GUDANG, JOHOR

Electric vehicles are becoming an increasingly important part of Malaysia's transportation landscape. As the country moves towards a lower-carbon transport system, EVs are being promoted as an alternative to conventional vehicles powered by petrol and diesel. Malaysia's EV market has grown significantly in recent years. The introduction of more affordable EV models, including those from Malaysia's national automotive manufacturers such as Proton e-MAS, has also made EV ownership more accessible to Malaysian consumers.

One of the main benefits of EV is their potential to reduce emissions from road transportation. Unlike conventional vehicles, battery electric vehicles produce no exhaust emissions while driving. This can contribute to better urban air quality, particularly in highly populated areas with heavy traffic. EV can also provide quieter transportation and potentially lower operating and maintenance costs because electric drivetrains have fewer moving components than conventional internal combustion engines. From a wider perspective, increasing the use of EV supports Malaysia's efforts to develop a more sustainable and energy-efficient transportation system. The National Energy Transition Roadmap identifies green mobility as an important part of Malaysia's transition towards a lower-carbon economy.

Although EV car offers several advantages, there are still challenges that need to be considered. One important issue is the initial purchase price, which may remain a barrier for some consumers. Charging convenience is another concern, particularly for drivers who travel long distances or live in buildings without access to private charging facilities. The availability and reliability of public charging infrastructure therefore play an important role in building consumer confidence. Malaysia has also introduced safety requirements for EV charging systems, with the Energy Commission regulating charging-station operators and technical standards. These measures are important to ensure that the expansion of EV infrastructure takes place safely and systematically.

Malaysia has taken several steps to develop its EV ecosystem, including incentives, infrastructure development and investment in local manufacturing. The launch of the Proton e-MAS 7 in December 2024 marked an important milestone as Proton entered the battery-electric vehicle market. More recently, Malaysia's EV registrations continued to expand, supported by greater model availability and improvements in charging infrastructure. The development of charging infrastructure remains particularly important. Earlier government initiatives targeted 10,000 EV charging stations, while efforts have also focused on increasing the availability of fast chargers and expanding charging facilities beyond major urban centres.

To encourage wider EV adoption, Malaysia needs to address both affordability and accessibility. First, incentives should be designed to make EVs more affordable for middle- and lower-income consumers, rather than focusing mainly on higher-priced models. Second, charging infrastructure should be expanded strategically along highways, in residential areas, workplaces, shopping centres and public facilities. Third, greater standardisation of charging systems, transparent pricing and reliable charging services can increase consumer confidence. Public education is also important because potential buyers need clear information about charging, battery life, maintenance, safety and the environmental impact of EV. At the same time, Malaysia should continue supporting local EV manufacturing, battery-related industries and skills development so that the transition creates opportunities throughout the transportation and automotive ecosystem.

Malaysia's transition towards electric mobility is no longer simply a future ambition, it is already taking place. The rapid growth in EV registrations and the development of local EV models demonstrate increasing interest in cleaner transportation. However, the success of the EV revolution will depend on more than simply selling electric cars. It requires an accessible charging network, affordable vehicles, appropriate policies, strong safety standards and informed consumers. With cooperation among government agencies, automotive manufacturers, energy providers, transport operators and the public, Malaysia can continue moving towards a more connected, efficient and sustainable transportation future. The road to electric vehicles has already begun now Malaysia must ensure that everyone can participate in the journey.



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WHAT WE DO»

Advancing Professional Excellence in Logistics, Transport and Supply Chain

The Chartered Institute of Logistics and Transport in Malaysia (CILT Malaysia) is the leading professional body dedicated to advancing excellence and professionalism in the logistics, transport and supply chain sectors.

We connect professionals, industry, government, academia and future talent to promote professional development, knowledge sharing, industry collaboration and continuous improvement across the sector.



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We organise and support training programmes, workshops, seminars, webinars and other continuous professional development (CPD) activities to enhance the knowledge, skills and competencies of logistics and transport professionals.



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We collaborate with government agencies, industry organisations, higher education institutions, professional bodies and other stakeholders to address industry needs and support the development of Malaysia's logistics and transport ecosystem.



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We contribute professional perspectives and industry insights to support the continuous improvement and development of Malaysia's logistics, transport and supply chain sectors.



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