

STRETCH

E-NEWSLETTER OF THE MALAYSIAN RUBBER COUNCIL

ISSUE 4 | 2025

**MALAYSIAN RUBBER PRODUCTS
INDUSTRY OUTLOOK 2026**
HOW MRC IS STEERING MALAYSIAN
RUBBER INDUSTRY THROUGH GLOBAL CHALLENGES

2026



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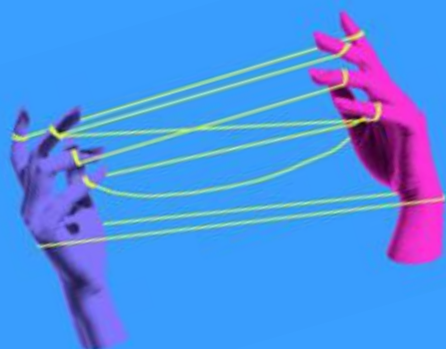
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EDITOR'S NOTE

It is with our utmost pleasure that the Malaysian Rubber Council (MRC) welcomes you to the fourth issue of the *STRETCH* e-newsletter for 2025.

In this edition, we are pleased to share the latest developments, ongoing initiatives, and key insights from MRC and the rubber industry. We hope this publication continues to serve as a valuable platform for knowledge sharing, collaboration, and progress as we navigate the year ahead together.

MALAYSIAN RUBBER PRODUCTS INDUSTRY OUTLOOK 2026 **HOW MRC IS STERRING** **MALAYSIAN RUBBER INDUSTRY** **THROUGH GLOBAL CHALLENGES**

OUR FINAL COVER STORY **OF 2025 HIGHLIGHTS MRC'S** **INDUSTRY OUTLOOK FOR 2026,** **HIGHLIGHTING MODERATE** **GROWTH ON THE BACKDROP OF** **A CHANGING STRUCTURAL AND** **GEOPOLITICAL LANDSCAPE.**

Against this backdrop, Malaysia's rubber product exports are projected to reach RM22.9 billion in 2026, signalling a modest rebound and a transition into a more stable, post-pandemic phase characterised by balanced and predictable demand. While traditional export markets remain important, evolving regulatory requirements, intensified competition and policy uncertainties necessitate more strategic market engagement.

To address these challenges, MRC has developed a comprehensive programme portfolio for 2026 centred on market diversification, sustainability leadership and industry competitiveness. Key initiatives include expanding access to non-traditional markets, enhancing participation in international trade exhibitions, strengthening digital market presence, and supporting product diversification into higher-value segments beyond rubber gloves.

Sustainability and ESG adoption remain central to MRC's strategy, with targeted programmes supporting low-carbon transition, responsible recruitment, regulatory readiness and eco-rubber innovation. These efforts are reinforced through close collaboration with government agencies and industry associations to ensure alignment across policy, research, commercialisation and market development.

Overall, the outlook for 2026 reflects a shift from recovery to resilience. Through disciplined diversification, stronger compliance capabilities and coordinated industry-wide collaboration, Malaysia's rubber industry is well positioned to enhance its global competitiveness and pursue sustainable, value-driven growth in an increasingly uncertain global environment.

RUBBEROLOGY

In this issue's Rubberology, titled 'World's First Thermoelectric Rubber Generates Power from Body Heat', titled, Power Without Batteries: New Thermoelectric Rubber Harvests Energy From The Human Body, Peking University researchers have unveiled the world's first elastic thermoelectric rubber- a breakthrough that could deliver continuous, battery-free power for wearables, medical devices and remote communication equipment.

HIGHLIGHTS AND HAPPENINGS

As you explore this edition, you'll discover the latest updates, industry initiatives, and upcoming events. We hope this edition offers valuable insights and inspiration to help you navigate the ever-evolving rubber industry landscape.

You will also find the latest industry updates, key initiatives, and upcoming events. We hope it provides meaningful insights and inspiration as you navigate the dynamic landscape of the rubber industry.



MESSAGE FROM **THE CEO**

Ultimately, the glove industry's future competitiveness will rest on its ability to show not only that Malaysian gloves are high quality, but that they are also low carbon and responsibly produced."

"Malaysian glove manufacturers must continue to invest in automation, digitalisation and innovation to remain competitive. In a rapidly evolving global landscape marked by ongoing geopolitical uncertainty and trade pressures, the ability to adapt quickly to the market changes is critical. Those who proactively strengthen their capabilities will be best positioned to compete, grow amid intensifying global competition."

MUHAMMAD EIZAAZ BIN **MUHAMMAD REDZUAN**

Chief Executive Officer



COVER STORY

GLOBAL ECONOMIC LANDSCAPE: A CHALLENGING ENVIRONMENT

As the global economy approaches 2026, growth is expected to moderate amid persistent structural and geopolitical challenges.

According to the latest projections, global growth is forecast to ease from 3.3 per cent in 2024 to 3.2 per cent in 2025, before further softening to 3.1 per cent in 2026. This deceleration reflects increasingly divergent economic trajectories between advanced economies, projected to grow at approximately 1.5 per cent, and emerging market and developing economies, which are expected to sustain growth rates slightly above 4 per cent.

Global trade activity presents a similarly subdued outlook. Following a relatively robust expansion of 3.5 per cent in 2024, world trade volume growth is projected to average 2.9 per cent across 2025–2026. This moderation is attributed to front-loading of trade activities in 2025, alongside persistent trade fragmentation that continues to constrain gains across global markets.

Several structural themes are shaping market conditions in the coming years. These include heightened protectionism through non-tariff measures, technical barriers to trade, reciprocal tariffs and anti-dumping actions. In parallel, immigration uncertainty arising from refugee movements and labour supply disruptions, coupled with ongoing geopolitical conflicts and evolving trade regulations, is expected to weigh on global economic expansion. Against this backdrop, policymakers face growing pressure to restore confidence through credible, transparent and sustainable policy frameworks, supported by proactive trade diplomacy and prudent macroeconomic adjustments.



MALAYSIAN RUBBER PRODUCTS EXPORT PERFORMANCE

Looking ahead to 2026, Malaysian rubber products exports are projected to reach RM22.9 billion, representing a modest rebound from 2025 levels.

This performance suggests that the industry is transitioning into a steadier post-pandemic phase, characterised by more balanced and predictable demand, rather than the volatility experienced in recent years.



**MALAYSIAN RUBBER PRODUCTS
INDUSTRY OUTLOOK 2026****HOW MRC IS STEERING MALAYSIAN
RUBBER INDUSTRY THROUGH GLOBAL CHALLENGES**

MRC'S STRATEGIC INITIATIVES FOR 2026

MRC's strategic direction is anchored on three core pillars: MARKET DEVELOPMENT, SUSTAINABILITY LEADERSHIP and INDUSTRY COMPETITIVENESS. Trade promotion efforts are being strengthened across both mature and high-growth markets, supported by deeper market intelligence and enhanced buyer engagement. At the same time, branding initiatives are being refined to position Malaysia as a premium and responsible producer of rubber products.

To navigate the evolving global landscape, MRC developed a comprehensive programme portfolio for 2026, with a strong emphasis on strategic market diversification across non-traditional regions and product segments. Key initiatives include targeted market opportunity assessments for rubber automotive aftermarket products in Eastern Europe (Poland, Hungary and Romania), latex mattresses in Turkey, and precured treads in Australia.

Under the enhanced SBIM2 scheme, MRC is introducing expanded incentives to encourage company participation in international trade exhibitions within non-traditional markets such as Eastern Europe, Latin America and Africa. These incentives are complemented by support for digital upgrades, including website and mobile application development, to strengthen companies' market access and international visibility.

MRC's market promotion strategy for 2026 includes participation in nine major trade exhibitions across the UAE, China, the European Union and the United States, alongside targeted market visits to Poland, the United States and Canada. These initiatives reflect the Council's deliberate

shift beyond traditional markets and product categories, aimed at securing sustainable growth opportunities for Malaysian rubber manufacturers amid heightened global uncertainty.

In response to rising global demand for environmentally responsible products, MRC provides end-to-end support to facilitate the development, adoption and commercialisation of eco-rubber innovations. This includes grants to eligible industry members for R&D&C activities, as well as hands-on facilitation to secure external funding and accelerate market entry.

On sustainability, MRC is accelerating programmes that support ESG adoption, responsible recruitment and regulatory readiness through initiatives such as the STRIDE Fund, ESG guidelines and the Low Carbon Transition Roadmap. These efforts are complemented by close collaboration with government agencies and industry associations to ensure alignment with evolving regulatory requirements.



MALAYSIAN RUBBER PRODUCTS INDUSTRY OUTLOOK 2026

HOW MRC IS STEERING MALAYSIAN
RUBBER INDUSTRY THROUGH GLOBAL CHALLENGES

CEO'S PERSPECTIVE: STEERING THE INDUSTRY FORWARD



In an interview with BERNAMA Radio's Jendela Fikir, MRC Chief Executive Officer Mr Muhammad Eizaaz bin Muhammad Redzuan shared insights on the future direction of Malaysian rubber products industry amid global uncertainty.



The discussion highlighted the importance of strategic focus, adaptability and collaboration in navigating changing market conditions.

The interview reinforced MRC's commitment to strengthening industry confidence, supporting market expansion and guiding manufacturers through a period of structural adjustment as the industry moves towards more stable, value-driven growth.

STRENGTHENING INDUSTRY SUSTAINABILITY THROUGH COLLABORATION

As the promotional council mandated by the Ministry of Plantation and Commodities, MRC works closely with the Malaysian Rubber Board (MRB) and the Malaysian Rubber Glove Manufacturers Association (MARGMA) to advance the growth, resilience and sustainability of the rubber industry.

MRC has been entrusted with the commercialisation of new technologies in collaboration with MRB, ensuring that commercialisation efforts are aligned with MRB's R&D outputs and market requirements. In addition, the Malaysian Made Glove initiative, currently under development, involves close cooperation among the Ministry, MRB, MRC and MARGMA to ensure that rubber gloves produced in Malaysia meet minimum quality standards prior to export.

Stronger alignment among MRC, MRB and MARGMA will be critical in driving sector-wide sustainability. Coordinated efforts in ESG compliance, responsible recruitment, research and innovation, and digitalised supply chain traceability will deliver the greatest impact. Joint policy recommendations addressing labour practices, certification pathways and technology adoption can further strengthen Malaysia's global standing.

**MALAYSIAN RUBBER PRODUCTS
INDUSTRY OUTLOOK 2026**HOW MRC IS STEERING MALAYSIAN
RUBBER INDUSTRY THROUGH GLOBAL CHALLENGES

CONCLUSION: POSITIONING FOR RESILIENT AND SUSTAINABLE GROWTH

As the Malaysian rubber industry enters 2026, the convergence of global industry change and structural change presents both challenges and opportunities.

With clearer demand patterns, improving export performance and stronger institutional support, the industry is well positioned to transition from recovery to resilience. Through disciplined market diversification, continued investment in sustainability and innovation, and strengthened collaboration across the ecosystem, Malaysia's rubber sector can reinforce its role as a trusted, competitive and responsible global supplier. Guided by MRC's strategic initiatives and industry-wide alignment, stakeholders are encouraged to act decisively in shaping a more sustainable, value-driven and future-ready rubber industry.



In the final message with MARGMA members, **CEO OF MRC MUHAMMAD EIZAAZ BIN MUHAMMAD REDZUAN** said,

“

Malaysian glove manufacturers must continue to invest in automation, digitalisation and innovation to remain competitive. In a rapidly evolving global landscape marked by ongoing geopolitical uncertainty and trade pressures, the ability to adapt quickly to the market changes is critical. Those who proactively strengthen their capabilities will be best positioned to compete, grow amid intensifying global competition.”



MRC AND MGTC SEAL PARTNERSHIP TO ACCELERATE NET ZERO TRANSITION IN MALAYSIA'S RUBBER INDUSTRY

16 OCTOBER 2025

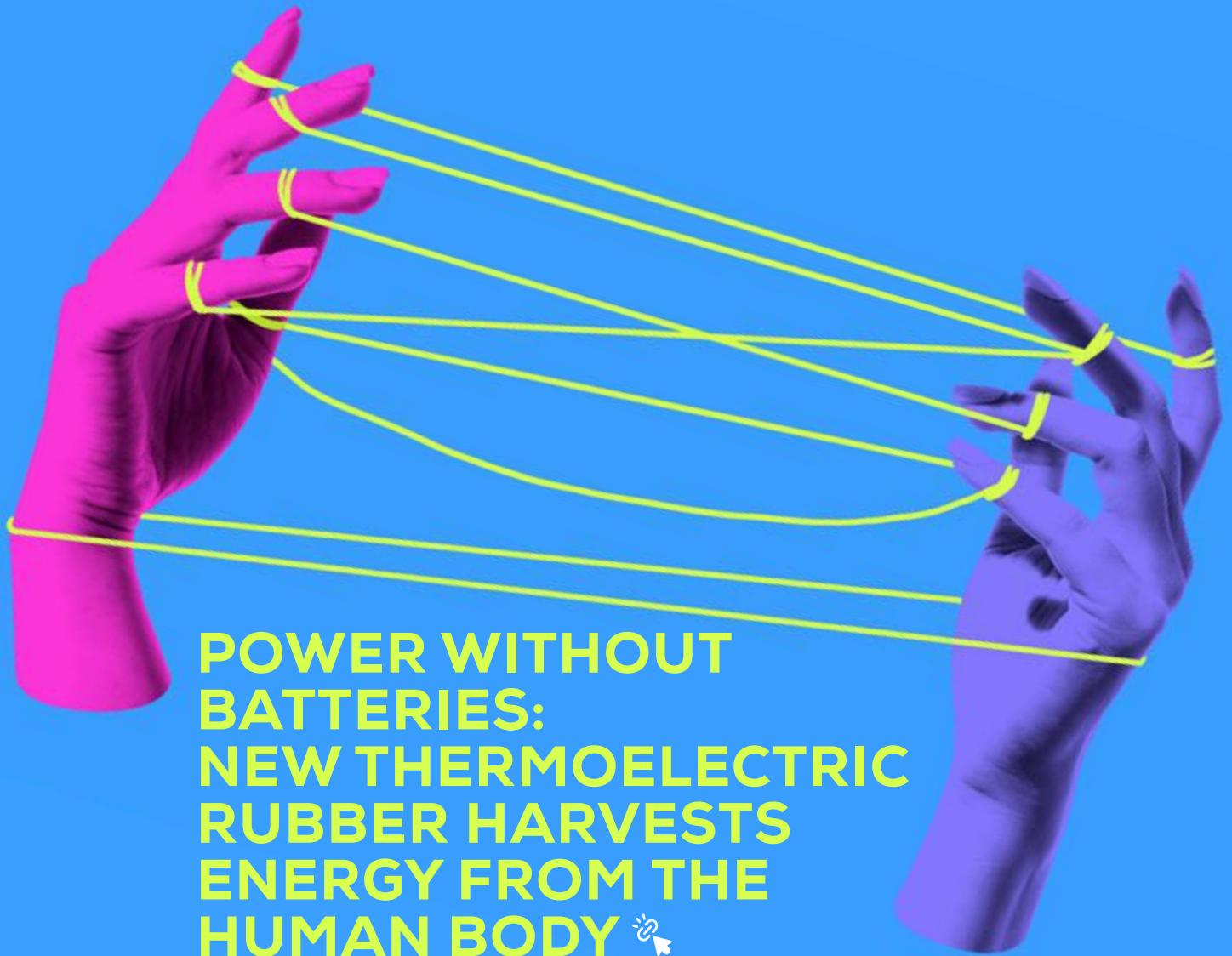
MRC and the Malaysian Green Technology and Climate Change Corporation (MGTC) have officially signed a Memorandum of Understanding (MoU) at the International Greentech & Eco Products Exhibition and Conference Malaysia (IGEM) 2025. The MoU formalises a three-year collaboration from 2026 to 2028 aimed at advancing low-carbon initiatives and accelerating the Malaysian rubber industry's transition towards Net Zero by 2050.

This milestone marks a strategic partnership between two government agencies under the Ministry of Plantation and Commodities (KPK) and the Ministry of Natural Resources and Environmental Sustainability (NRES), underscoring a shared commitment to strengthening sustainability practices across Malaysia's rubber industry.

The signing ceremony was witnessed by YBhg. Datuk Dr Ching Thoo A/L Kim, Secretary-General of the Ministry of Natural Resources and Environmental Sustainability (NRES), together with Encik Muhammad Eizaaz bin Muhammad Redzuan, Chief Executive Officer of MRC, and YBrs. Puan Shareen Shariza Binti Dato' Abdul Ghani, Chairperson of MGTC.

The collaboration will focus on translating strategy into implementation through structured greenhouse gas (GHG) management capacity-building programmes, the development of industry-specific emissions inventory and calculation tools, and sectoral benchmarking initiatives. These efforts aim to enhance industry readiness and support a credible, measurable pathway towards a sustainable, Net Zero future.





POWER WITHOUT BATTERIES: NEW THERMOELECTRIC RUBBER HARVESTS ENERGY FROM THE HUMAN BODY

BY GEORGINA JEDIKOVSKA

PEKING UNIVERSITY RESEARCHERS HAVE UNVEILED THE WORLD'S FIRST ELASTIC THERMOELECTRIC RUBBER – A BREAKTHROUGH THAT COULD DELIVER CONTINUOUS, BATTERY-FREE POWER FOR WEARABLES, MEDICAL DEVICES AND REMOTE COMMUNICATION EQUIPMENT.



Chinese scientists have developed a rubber band capable of converting body heat directly into electricity, potentially eliminating the need for bulky batteries or frequent charging in smartwatches and other wearable technologies.

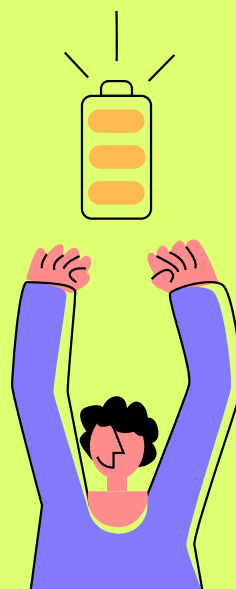
What sets this innovation apart is its rare combination of high elasticity and efficient thermoelectric performance – a pairing previously thought unattainable. As the research team noted, “Until now, all reported high-performance thermoelectric materials have achieved flexibility, but not true elasticity.”

TURNING BODY HEAT INTO POWER

The technology is based on thermoelectric principles, where temperature differences are converted into electrical energy. While historic inventions such as the Watt steam engine harnessed heat from boiling water, modern researchers are tackling a far subtler challenge: extracting energy from the small temperature difference between the human body and its surroundings.

Human body temperature remains close to 37°C, while ambient air typically ranges between 20°C and 30°C. The Peking University team engineered a material capable of exploiting this modest gradient to generate usable electrical power.

According to lead researcher Professor Lei, the goal was to create a material that could bend, stretch, and adhere comfortably to the skin. "Such thermoelectric devices are comfortable to wear and can efficiently convert body heat into electrical energy with minimal heat loss," he explained. In theory, the material could continue producing power indefinitely, provided it remains intact.



BEYOND WEARABLES:

BROADER APPLICATIONS

While wearable electronics are an obvious application, the implications extend much further. Professor Lei emphasised that the technology could also support remote communications equipment, with devices drawing power from heat sources such as fires in off-grid environments.

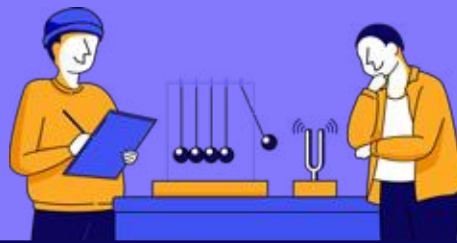
The team is also exploring integration into textiles. Clothing embedded with the thermoelectric rubber could charge a phone in a pocket, while semiconductor fibres channel excess heat away from the body to help regulate temperature.

Medical applications may prove especially transformative. Patients with cardiovascular conditions often wear monitoring devices for extended periods, relying on large, cumbersome batteries. This new material could enable

lightweight, battery-free sensors powered entirely by body heat, improving comfort, compliance, and patient outcomes.



ENGINEERING ELASTICITY AND CONDUCTIVITY



The breakthrough was achieved by blending semiconducting polymers with elastic rubber and engineering them into a nanoscale fibre network. This structure delivers both exceptional stretchability and stable electrical conductivity.

In testing, the material stretched to more than 850% of its original length and retained over 90 per cent of its shape after being stretched to 150%, which is performance comparable to natural rubber.

The researchers further enhanced the material using specialised doping agents, enabling room-temperature thermoelectric performance that rivals traditional inorganic materials. This marks a significant advance in n-type elastomers, materials that conduct electrons while maintaining performance under repeated mechanical strain, an area that has long challenged materials scientists.

**27
OCTOBER–
1 NOVEMBER
2025**

MARKET VISIT TO MEXICO CITY AND MONTERREY

 MEXICO



From 27 October to 1 November 2025, MRC conducted a strategic market visit to Mexico City and Monterrey, engaging with key stakeholders involved in the manufacturing and distribution of industrial rubber products, automotive components, and latex foam across North America.

The mission provided MRC with valuable insights into the growing demand within Mexico's strong and well-established manufacturing ecosystem, which serves as a critical node in the global and regional supply chain. Both Mexico City and Monterrey continue to offer

significant opportunities for Malaysian exporters seeking to strengthen and expand their market presence in the Americas.

Through its U.S. Office, MRC remains committed to building trusted partnerships and facilitating mutually beneficial collaborations between Malaysian rubber manufacturers and industry players in Mexico. As Mexico's role in the regional supply chain continues to expand, these two cities are increasingly positioned as strategic gateways for Malaysian rubber producers targeting growth in the American market.

**24-27
NOVEMBER
2025**

MARKET VISIT TO KOCHI, KERALA

 INDIA

The MRC Mumbai Office conducted a market visit to Kochi, Kerala, from 24 to 27 November 2025, with the objective of strengthening industry collaboration and exploring new business opportunities within India's expanding rubber sector.

During the visit, a total of 14 business meetings were held with key industry associations, distributors, and rubber product manufacturers. These engagements focused on identifying potential areas for collaboration and supporting efforts to increase Malaysian rubber exports to the Indian market.

This initiative underscores MRC's continued commitment to deepening bilateral industry linkages and enhancing Malaysia's presence in one of the world's most dynamic and strategically important rubber markets.



**4-6
NOVEMBER
2025**

AAPEX, LAS VEGAS

NEVADA, USA

MRC participated in the Automotive Aftermarket Products Expo (AAPEX 2025), which took place from 4 to 6 November 2025 at the Caesars Forum, Las Vegas, Nevada, USA.

At the MRC Malaysia Pavilion, visitors explored a wide range of high-quality rubber automotive components and industrial gloves showcased by nine leading Malaysian manufacturers: ASAP International, Cooltec Industries, Fudex Rubber Products, Good Rubber Works Industries, Kumpulan Jebco, Pro-Tec Wire Industries, Schmaco Auto Parts Industries, Supermax Glove Manufacturing, and Tekmedic.

In addition, the Malaysian Consortium of Rubber Products (MALCORP) and HML Auto Industries exhibited nearby, further highlighting Malaysia's growing presence in the global automotive aftermarket industry.

As one of the world's premier automotive aftermarket trade events, AAPEX brought together manufacturers, suppliers, and distributors from around the globe, providing an ideal platform to establish connections and explore Malaysia's high-performance rubber solutions.

MRC's participation reinforced Malaysia's position as a trusted supplier of high-quality rubber products to the global automotive aftermarket.



5
NOVEMBER
2025

A+A, DÜSSELDORF

📍 GERMANY

MRC successfully led the MRC Malaysia Pavilion at A+A 2025, the world's leading international trade fair for work safety, security, and health, held from 4 to 7 November 2025 at the Düsseldorf Exhibition Centre, Germany.

The Pavilion featured nine Malaysian manufacturers and exporters of rubber personal protective equipment (PPE), presenting Malaysia's high-quality, durable, and sustainable protective solutions that meet international standards and address the evolving needs of global industries.

A+A 2025 served as a key platform for innovation, partnership-building, and knowledge exchange within the global occupational safety ecosystem. Through its participation, MRC strengthened industry linkages, supported Malaysian exporters'

international market engagement, and reinforced Malaysia's position as a trusted supplier in the global PPE sector.



10-12
NOVEMBER
2025

EDUCATIONAL SEMINARS ACROSS KARNATAKA AND KERALA

📍 INDIA



On 10-12 November, MRC's Mumbai Office conducted four educational seminars across Karnataka and Kerala to promote the use of high-quality medical gloves for infection prevention and control.

Across all sessions, we engaged over 860 participants from nursing colleges affiliated with major hospitals in Kasaragod and Mangaluru – including students, faculty members, and hospital support staff.

The seminars highlighted the crucial role of quality gloves in reducing hospital-acquired infections (HAIs), while showcasing Malaysia's global leadership in medical glove manufacturing.

MRC remains committed to supporting healthcare education and strengthening safety practices across India.

**17-20
NOVEMBER
2025**

MEDICA, DÜSSELDORF

📍 GERMANY



MRC sent delegates to the Düsseldorf Exhibition Centre, Germany, participating in MEDICA 2025, the world's largest medical B2B exhibition, which was held from 17 to 20 November 2025.

During the event, MRC led five Malaysian manufacturers and exporters of rubber medical devices—Nulatex, Pleasure Latex Products, Richter Rubber Technology, Takaso Rubber Products, and TCS Quality and Productivity—in showcasing Malaysia's high-quality, innovative, and sustainable healthcare solutions to a global audience.

MEDICA 2025 brought together medical and healthcare professionals from around the world to explore the latest innovations in medical devices, diagnostics, health IT, mobile health, and orthopaedic technology, providing a valuable platform for business networking and industry engagement.

Through its participation, MRC reinforced Malaysia's visibility and reputation as a trusted supplier of rubber-based medical solutions, supporting continued international collaboration and long-term growth within the global healthcare market.

**24-28
NOVEMBER
2025**

BIG 5 GLOBAL, DUBAI

📍 UNITED ARAB EMIRATES

MRC participated in Big 5 Global 2025, which was held from 24 to 28 November 2025 at the Dubai World Trade Centre, United Arab Emirates.

At the exhibition, MRC presented a comprehensive range of sustainable and green rubber innovations for the construction sector. These included RRIM Ecosprint, RRIM Surf, AL Adhesives, Eco Safety Shoes, precast rubberised wall panels, and the Rotational

Viscoelastic Damper (RVD). Heveatex (M) Sdn. Bhd. also participated alongside MRC, showcasing its natural rubber latex paint.

As one of the world's largest construction exhibitions, Big 5 Global 2025 provided a strategic platform for engagement with international industry stakeholders and for highlighting next-generation construction technologies. MRC's participation underscored the potential of rubber-based technologies to enhance performance, safety, and sustainability in modern construction applications.



**26-29
NOVEMBER
2025**

AUTOMECHANIKA SHANGHAI

📍 SHANGHAI, CHINA

From 26 to 29 November 2025, MRC participated in Automechanika Shanghai 2025, which was held at the National Exhibition and Convention Center (NECC), Shanghai, China.

At the MRC Malaysia Pavilion, four leading Malaysian manufacturers and exporters of rubber automotive components—Cooltec Industries, Good Rubber Works Industries, MHM Consortium, and Trapo Malaysia—showcased their latest innovations to an international audience.

With more than 7,000 exhibitors from 44 countries, Automechanika Shanghai 2025 served as one of the world's premier automotive industry platforms, covering the entire automotive value chain and facilitating global collaboration, sourcing, and technological advancement.

MRC's participation strengthened Malaysia's visibility and positioning as a trusted supplier of high-quality rubber automotive solutions in the global market.



**30
NOVEMBER-
3 DECEMBER
2025**

GREATER NEW YORK DENTAL MEETING AND EXPO (GNYDM), NEW YORK

📍 USA

MRC participated in the Greater New York Dental Meeting and Expo (GNYDM) 2025, which was held from 30 November to 3 December 2025 at the Jacob K. Javits Convention Center, New York City, USA.

As the largest dental trade event in the Americas, GNYDM 2025 brought together thousands of dental professionals and global suppliers, providing a strategic platform to showcase Malaysia's capabilities and excellence in high-quality rubber-based dental gloves and related products.

MRC's participation enhanced Malaysia's visibility and reinforced its reputation as a trusted supplier of premium Made-in-Malaysia dental rubber products to the global dental community.



9
OCTOBER
2025

SPOTLIGHT STRATEGIES FOR A DYNAMIC DISPLAY: OPTIMISING TRADE SHOW PRESENCE FOR THE RUBBER INDUSTRY 🌱

On 9 October 2025, MRC delivered a full-day virtual training programme titled *"Spotlight Strategies for a Dynamic Display: Optimising Trade Show Presence for the Rubber Industry"* via Microsoft Teams.

The session provided participants with practical, market-driven insights on transforming trade show booths into effective business development tools. Key topics included impactful booth design, the use of interactive technologies such as augmented reality (AR), QR codes, and near-field communication (NFC), staff engagement strategies, sustainable booth concepts, and return-on-investment (ROI)-focused planning.

The programme equipped exporters, SMEs, and marketing professionals with the skills and knowledge needed to strengthen brand visibility, enhance visitor engagement, and build meaningful connections at future trade fairs and business missions.



24-25
NOVEMBER
2025

SAFETY GUIDELINES & REQUIREMENTS FOR MALAYSIAN RUBBER INDUSTRY WORKSHOP 🌱

📍 SHAH ALAM



As part of its ongoing efforts to enhance workplace safety, MRC organised the second session of the *Safety Guidelines & Requirements for Malaysian Rubber Industry* workshop on 24-25 November 2025 in Shah Alam, in collaboration with PRIM and MRPMA.

Building on the strong response to the inaugural session, the two-day workshop once again attracted robust participation from industry members committed to raising safety standards across the sector. This session introduced a new module on Hazard Identification, Risk Assessment and Risk Control (HIRARC), providing participants with advanced tools to identify, assess, and manage operational risks more effectively.

MRC extends its appreciation to all safety officers, EHS personnel, sustainability officers, and management representatives for their active participation and continued commitment to fostering a safer and more resilient rubber industry.

9
DECEMBER
2025

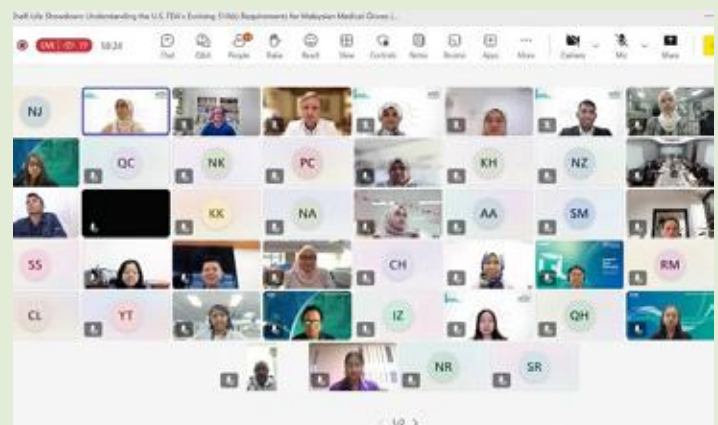
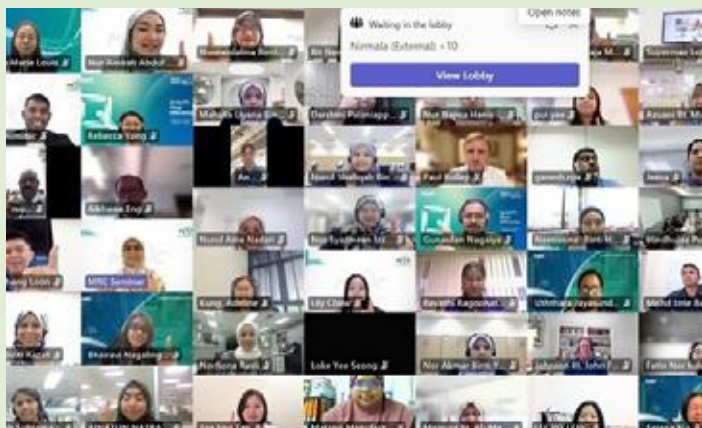
SHELF-LIFE SHOWDOWN: UNDERSTANDING THE U.S. FDA'S EVOLVING 510(K) REQUIREMENTS FOR MALAYSIAN MEDICAL GLOVES

MRC concluded its 2025 seminar series with a regulatory-focused webinar titled "Shelf-life Showdown: Understanding the U.S. FDA's Evolving 510(k) Requirements for Malaysian Medical Gloves" on 9 December 2025.

The webinar attracted 97 participants from Malaysia's glove manufacturing, quality assurance, and regulatory compliance sectors and addressed growing industry concerns arising from inconsistencies between the U.S. FDA's published guidance and recent discussions on potential enforcement actions that could affect market access.

Featuring U.S. regulatory experts Mr. Paul Rolley, FDA Consultant, and Mr. John Johnson III, FDA Attorney, the session provided participants with clearer insights into enforcement risks, technical compliance expectations, and practical pathways to safeguarding access to the U.S. market. The webinar further strengthened alignment between MRC and industry stakeholders in navigating evolving FDA regulatory requirements.

MRC remains committed to supporting Malaysia's glove industry with timely regulatory guidance to ensure continued competitiveness and compliance in global markets.



**28
OCTOBER
2025**

ComMATCH

 MITEC, KUALA LUMPUR

ComMATCH 2025 commenced at BuildXpo on 28 October 2025 with strong industry participation and dynamic discussions centred on innovation and sustainability within the rubber sector.

Key highlights of the day included a Pocket Talk session delivered by Ms. Shafinaz Jamaludin from MRC's Commercialisation and Technical Unit, who shared insights on "Shaping Tomorrow with Sustainable Rubber

Solutions." An exhibition tour was conducted with members of the Commercialisation Committee, including Chairman Dato' Lee Kim Meow, Mr. Chin Hon Meng (Malaysian Consortium of Rubber Products Sdn. Bhd.), and Dr. Mok Kok Lang (Malaysian Rubber Board).

MRC also co-exhibited with strategic partners Geomax Rubber Innovative Products Sdn. Bhd. and Heveatex (M) Sdn. Bhd., showcasing collaborative commercialisation opportunities and Malaysia's latest rubber innovations.



MARGMA FORUM: SEIZING GLOBAL OPPORTUNITIES – NAVIGATING TRADE AND INNOVATION IN THE RUBBER GLOVE INDUSTRY

11
NOVEMBER
2025

MENARA MATRADE, KUALA LUMPUR



MRC participated in the MARGMA Forum held in collaboration with MATRADE on 11 November 2025 at Menara MATRADE, Kuala Lumpur.

MRC was represented by Mr. Muhammad Fazli Abdul Jalil, Chief Marketing and Development Officer, who served as a panellist in the session "Trade Facilitation, Innovation & ESG – Aligning for Industry Competitiveness," alongside representatives from MATRADE and the Malaysian Rubber Board.

The forum examined critical issues affecting the glove industry, including government support for exporters, ESG compliance and EUDR readiness, strengthening global recognition of Malaysian-made gloves, and leveraging innovation and R&D to penetrate new markets. MRC reaffirmed its commitment to advancing the rubber glove sector through responsible trade, innovation, and sustainability leadership.

MRC ENGAGED IIUM TO EXPLORE STRATEGIC R&D&C&I COLLABORATION FOR THE RUBBER INDUSTRY

11
NOVEMBER
2025

INTERNATIONAL ISLAMIC UNIVERSITY MALAYSIA (IIUM)

On 11 November 2025, the International Islamic University Malaysia (IIUM) hosted MRC for a strategic discussion aimed at exploring potential collaboration in research, development, commercialisation, and innovation (R&D&C&I) related to rubber.

The meeting began with welcoming remarks by Prof. Ts. Ir. Dr. Ahmad Fadzil Ismail, Director of IIUM's Research Management Centre, and Mr. Muhammad Eizaaz Muhammad Redzuan, Chief Executive Officer of MRC. Both parties shared their institutional roles, strategic objectives, and current challenges within the rubber industry.

The engagement provided a constructive platform to discuss collaborative research opportunities, funding mechanisms, industry-driven initiatives, and the potential establishment of a Memorandum of Understanding (MoU) to formalise long-term cooperation.



21
NOVEMBER
2025

PROGRAM TUISYEN PINTAR SANTUNI MADANI 🧠

The Program Tuisyen Pintar Santuni MADANI, organised by MRC under the national Santuni MADANI initiative, concluded in November 2025 after a six-month implementation period that began in June 2025.

The programme was designed to provide students from low-income rural communities with access to quality education. Participants from Kampung Padang Siam and Kampung Sat,

Tanah Merah, attended intensive tuition classes covering Bahasa Melayu, English, History, Mathematics, and Science, with a focus on strengthening academic foundations and SPM preparation for Form 5 students.

An Appreciation and Certificate Presentation Ceremony was held on 21 November 2025, attended by MRC Chairman YBhg. Dato' Sri Mohamad Suparadi Md Noor and MRC Chief Executive Officer Mr. Muhammad Eizaaz Muhammad Redzuan, reflecting MRC's commitment to empowering rural communities through education.



29
NOVEMBER
2025

LGM RUBBER RUN PROGRAMME

AT DATARAN WAWASAN, PUTRAJAYA

MRC took part in the *Rubber Run – 100 Years of LGM programme* on 29 November 2025 by setting up a mini exhibition showcasing high-quality Malaysian rubber products.

Organised by the Malaysian Rubber Board (LGM) and Koperasi LGM Berhad (KOPGET), the event was held at Dataran Wawasan, Putrajaya, and attracted over 1,800 participants, including international runners from Japan, China, and South Africa.

MRC was represented by its Chief Executive Officer, Mr. Muhammad Eizaaz Muhammad Redzuan, Chief Marketing and Development Officer, Mr. Muhammad Fazli Abdul Jalil, and other MRC officers. The event provided an effective platform to engage the public and promote Malaysia's rubber industry.

2
DECEMBER
2025

GLOVE AWARENESS PROGRAMME (GAP)

UNIVERSITY OF MALAYA MEDICAL CENTRE



MRC successfully organised the Glove Awareness Programme (GAP) on 2 December 2025 at Dewan Peperiksaan 1, Asrama Jururawat PPUM, College of Health Sciences, University of Malaya Medical Centre.

The programme aimed to raise awareness among healthcare students and professionals on the importance of proper medical glove usage in preventing the spread of infectious diseases. More than 200 students and

lecturers from nursing, medical laboratory, and radiography programmes participated.

The programme featured expert sessions by Dr. Eng Aik Hwee on selecting appropriate medical gloves and Dr. Liyana Mazni Zulkifli from the Department of Emergency Medicine, UMMC, who spoke on infection control best practices. Interactive activities and quizzes further enhanced participant engagement and learning outcomes.

5-7
DECEMBER
2025PROGRAM RANCAKKAN MADANI  DATARAN PUTRAJAYA

From 5 to 7 December 2025, MRC participated in the Program Rancangan MADANI Bersama Malaysiaku and the National Convention on Public Service Reform 2025 at Dataran Putrajaya, alongside other agencies under the Ministry of Plantation and Commodities.

The Ministry's exhibition booth attracted strong visitor interest throughout the three-day event. MRC showcased high-quality Malaysian rubber products through a mini exhibition while promoting its official social media platforms to increase public engagement and awareness of ongoing programmes.

8
DECEMBER
2025OFFICIAL LAUNCH OF THE
100 YEARS OF MALAYSIAN RUBBER
RESEARCH CELEBRATION  KUALA LUMPUR CONVENTION CENTRE (KLCC)

MRC attended the Official Launch of the 100 Years of Malaysian Rubber Research Celebration on 8 December 2025 at the Kuala Lumpur Convention Centre.

Organised by the Malaysian Rubber Board, the ceremony was officiated by the Minister of Plantation and Commodities, YB Datuk Seri Johari Abdul Ghani. MRC was represented by its Chairman, Chief Executive Officer, senior management, and directors.

The event commemorated the centenary of the Rubber Research Institute of Malaysia (RRIM) and featured the presentation of Rubber Industry and Research Awards, the launch of a commemorative coffee table book, and the unveiling of the Malaysian Rubber Board Strategic Plan 2026–2030.

SCHOLARS FAMILIARISATION PROGRAMME (SFP)

**10-16
DECEMBER
2025**

 TOP GLOVE TOWER

MRC successfully conducted the Scholars Familiarisation Programme (SFP) 2025 to provide MRC scholars with first-hand exposure to the rubber industry and support their transition from academia to professional life.

As part of the programme, scholars visited GMP Medicare for a factory tour and later attended an office

visit to Top Glove Tower, where they gained insights into rubber manufacturing processes, product development, and global industry trends.

The programme offered valuable practical exposure and strengthened scholars' understanding of career opportunities within Malaysia's rubber ecosystem.



13
DECEMBER
2025

PROGRAM SANTUNI MADANI

KAMPUNG DATUK KERAMAT

The Ministry of Plantation and Commodities (KPK) organised the Program Santuni MADANI on 13 December 2025 at Flat Sri Perlis 2, Kampung Datuk Keramat, officiated by the Minister of Plantation and Commodities, YB Datuk Seri Johari Abdul Ghani.

MRC participated as a co-organiser and financial coordinator of the programme, represented by its Chief Executive Officer, Mr. Muhammad Eizaaz Muhammad Redzuan.

The programme featured community activities including tai chi exercises, children's colouring competitions, communal clean-up activities, archery demonstrations, agency exhibitions, and *Ziarah Kasih* visits to underprivileged households. The event concluded with the presentation of school bags, food baskets, and Healthy Senior Citizen Awards to selected residents.

15
DECEMBER
2025

JENDELA FIKIR WITH MRC ON BERNAMA RADIO

BERNAMA RADIO, KUALA LUMPUR

MRC participated in the *Jendela Fikir* radio segment broadcast on BERNAMA Radio on 15 December 2025, engaging listeners nationwide through a strategic discussion on the Malaysian rubber products industry.

The segment, titled "*Sustaining the Legacy, Charting New Directions for Malaysia's Rubber Products Industry*," highlighted the future direction and strategic priorities of the national rubber products sector. The discussion emphasised MRC's role in

driving innovation, advancing sustainability initiatives, and expanding Malaysia's presence in global markets.

The platform reflected MRC's continued commitment to sharing strategic insights, strengthening industry confidence, and supporting the sustainable growth of Malaysia's rubber products industry.



MALAYSIA'S RUBBER EXPORT PERFORMANCE

MALAYSIA'S RUBBER AND RUBBER PRODUCTS SECTOR DEMONSTRATED ROBUST PERFORMANCE THROUGHOUT THE PERIOD FROM JANUARY TO SEPTEMBER 2025, WITH TOTAL EXPORTS REACHING RM23.77 BILLION.

Rubber products were the primary contributors, accounting for 69.8% of total exports, with a value of RM16.6 billion. Meanwhile, exports of raw rubber exports experienced marginal growth, rising by 1.9% from RM7 billion in Jan to Sep 2024 to RM7.2 billion in same period.

Latex-based goods, including gloves and other items, continued to form the largest sub-category, achieving RM12 billion in exports within the rubber products category, rubber gloves remained the dominant segment within the latex goods, generating RM10.6 billion in export revenue, accounting for 64% of Malaysia's total rubber product exports.

Within other latex products which includes latex thread and foam products. Foam products recorded an astounding growth of 35.8% followed by latex thread and other articles of apparel and clothing accessories that recorded a growth of 6.9% and 14.4% respectively.

Industrial rubber goods also saw notable increase of 25.8% between Jan to Sep 2025 with an export volume of RM1.8 billion from RM1.5 billion.

Among the tyres segment, solid tyres produced immense growth- growing by 126.2% from RM2.5 million to RM5.7 million to exports.

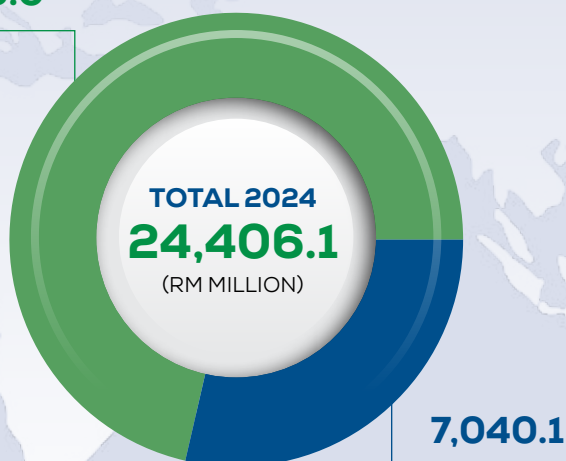
In addition, insulated wires, cable and other electric conductors grew from RM560.2 million to RM987.6 million, a notable 76.3%.

In terms of export destinations for rubber products in Jan to Sep 2025, the United States remained Malaysia's largest market for rubber products, with exports totalling RM6.56 billion—an 18.5% increase from the previous year as well as having the highest growth rate.

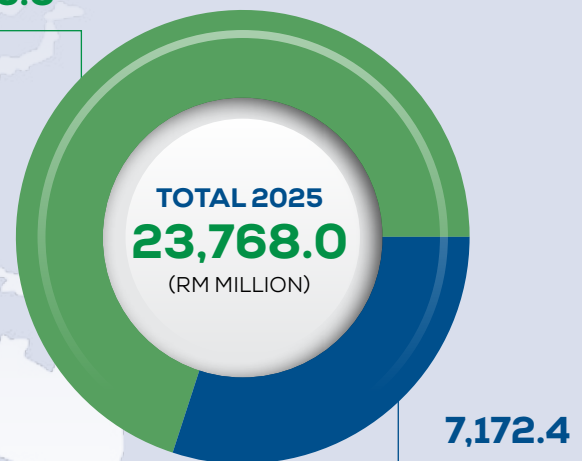
Notably, Singapore recorded the second highest growth rate among the top ten destinations, with exports increasing by 12.1%—from RM738.8 million to RM828.3 million. Exports to Turkey also grew significantly at 11.2% from RM322.3 million to RM358.2 million. Among these top markets, the United States accounted for a commanding 39.5% share, more than the combined share of all other global destinations, outside of the Top 10 in export destinations.

MALAYSIA'S EXPORTS OF RUBBER AND RUBBER PRODUCTS
JANUARY – SEPTEMBER 2025 (RM MILLION)

17,366.0



16,595.6



100.0%

30.2

69.8

% SHARE
(2025)

12.5%

1.9

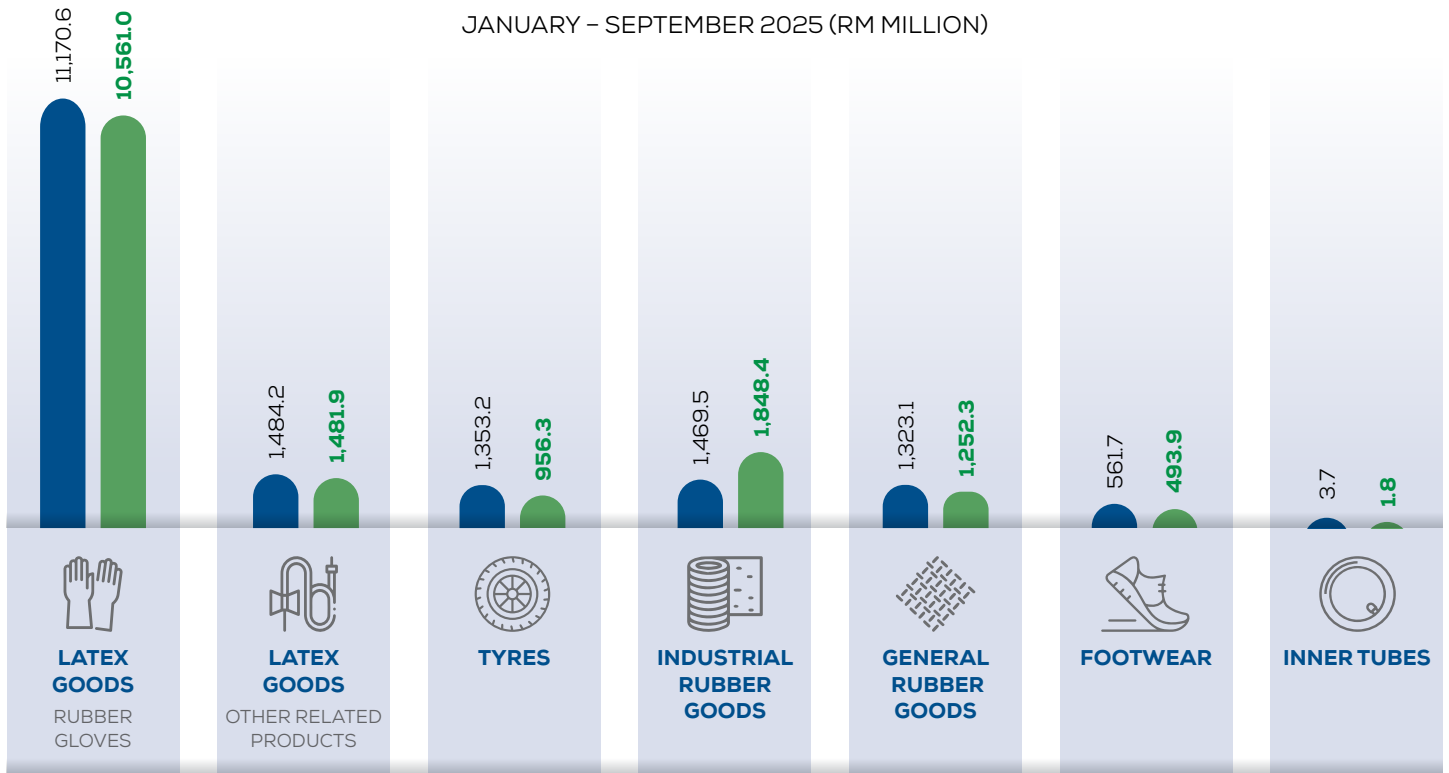
-4.4

% CHANGE
(2025/24)

RUBBER
RUBBER PRODUCTS

MALAYSIA'S EXPORT OF RUBBER PRODUCTS BY SECTOR

JANUARY – SEPTEMBER 2025 (RM MILLION)



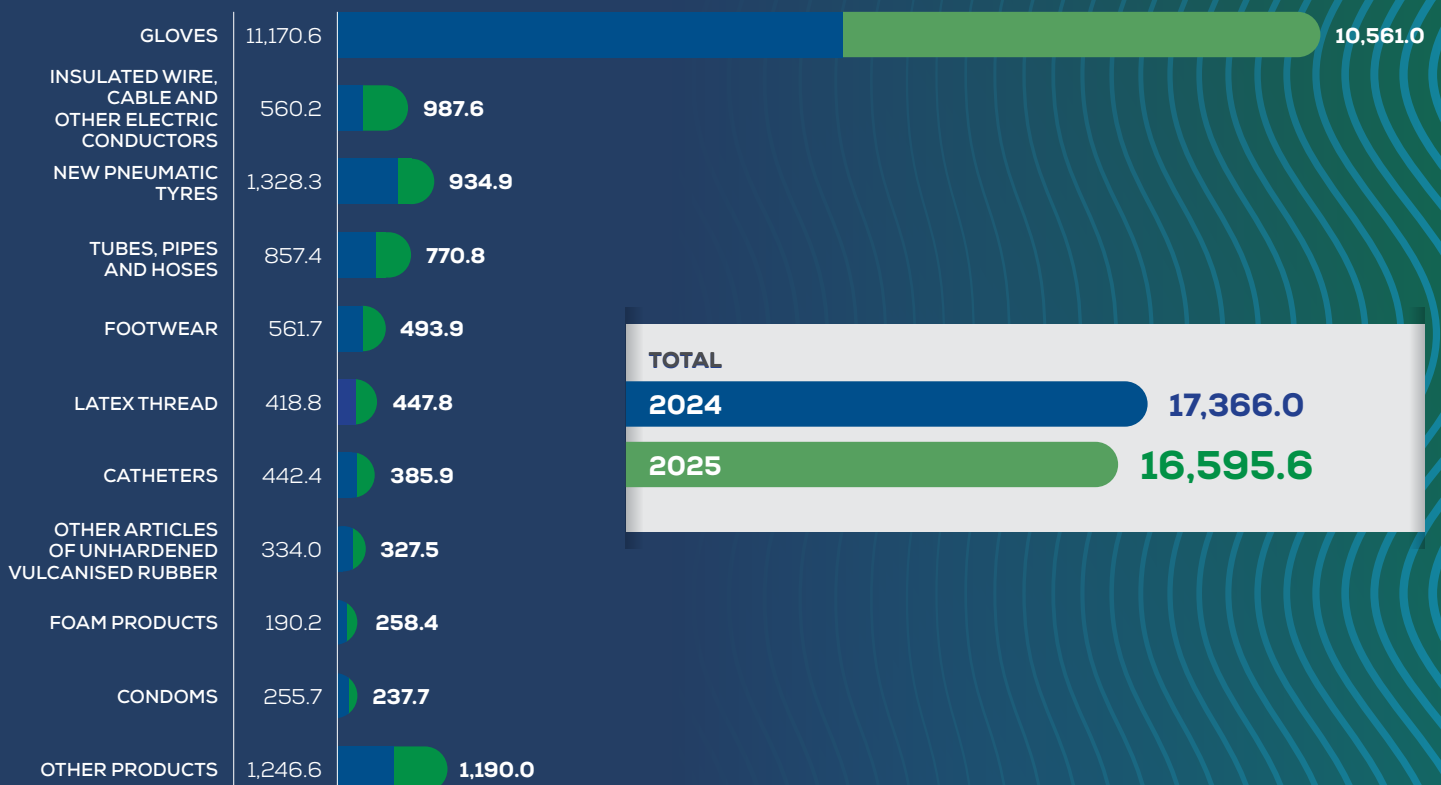
● 2024

● 2025

Source: Department of Statistics, Malaysia

MALAYSIA'S TOP 10 EXPORTS OF RUBBER PRODUCTS

JANUARY – SEPTEMBER 2025 (RM MILLION)



Source: Department of Statistics, Malaysia

MALAYSIA'S TOP 10 EXPORT DESTINATIONS FOR RUBBER PRODUCTS

JANUARY – SEPTEMBER 2025 (RM MILLION)



TOTAL

2024

5,274.1

2025

5,822.5

ROTW

2024

6,355.7

2025

4,985.1



1

UNITED STATES

2024

5,533.7

2025

6,557.3



2

CHINA

2024

890.2

2025

872.7



3

SINGAPORE

2024

738.8

2025

828.3



4

JAPAN

2024

879.4

2025

808.4



5

GERMANY

2024

919.3

2025

660.7



6

AUSTRALIA

2024

548.2

2025

467.7



7

UNITED KINGDOM

2024

507.2

2025

384.4



8

TURKEY

2024

322.3

2025

358.2



9

INDIA

2024

326.3

2025

347.6



10

SOUTH KOREA

2024

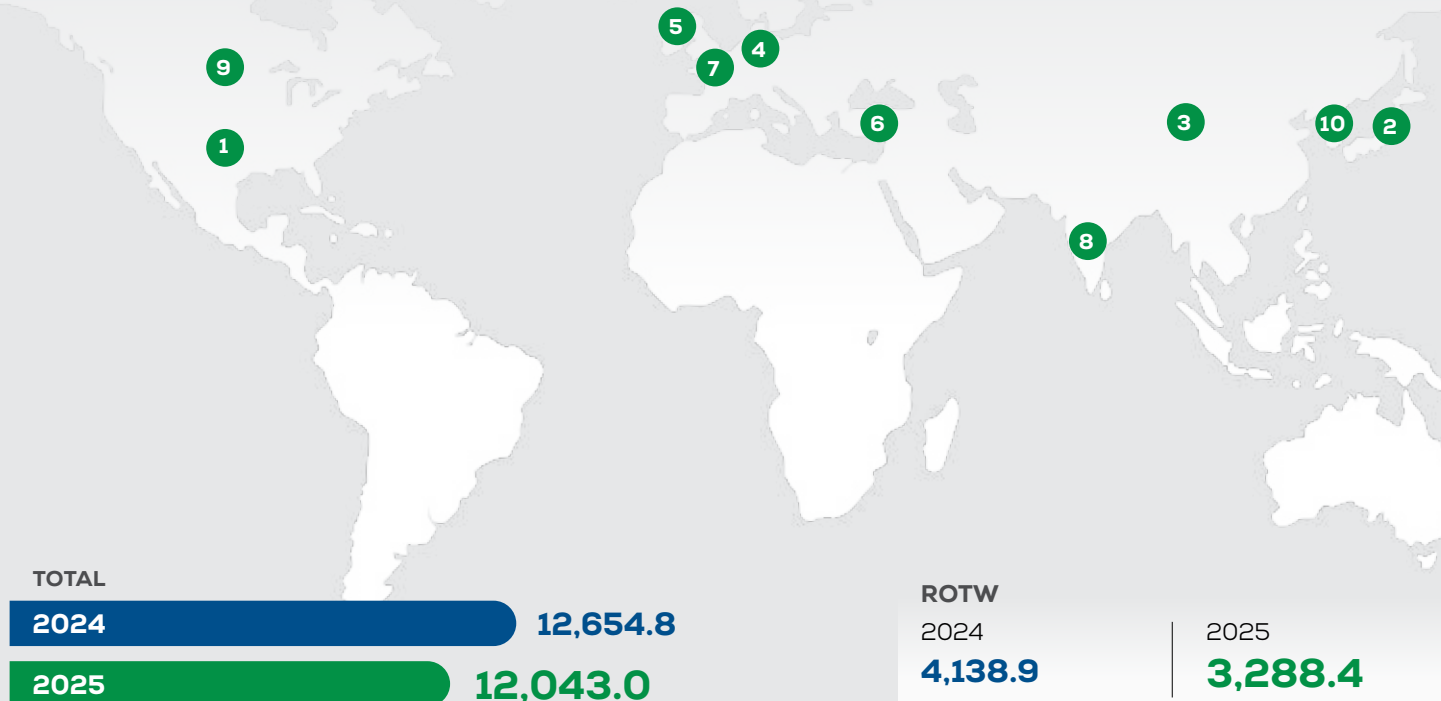
345.0

2025

325.1

MALAYSIA'S TOP 10 EXPORT DESTINATIONS FOR LATEX GOODS

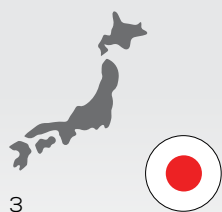
JANUARY – SEPTEMBER 2025 (RM MILLION)



1
UNITED STATES

2024
4,371.1

2025
5,310.8



3
JAPAN

2024
738.0

2025
647.5



3
CHINA

2024
655.0

2025
634.5



4
GERMANY

2024
760.8

2025
511.8



5
UNITED KINGDOM

2024
444.1

2025
328.2



6
TURKEY

2024
298.0

2025
305.6



7
BELGIUM

2024
380.4

2025
271.9



8
INDIA

2024
253.3

2025
260.2



9
CANADA

2024
353.5

2025
252.8



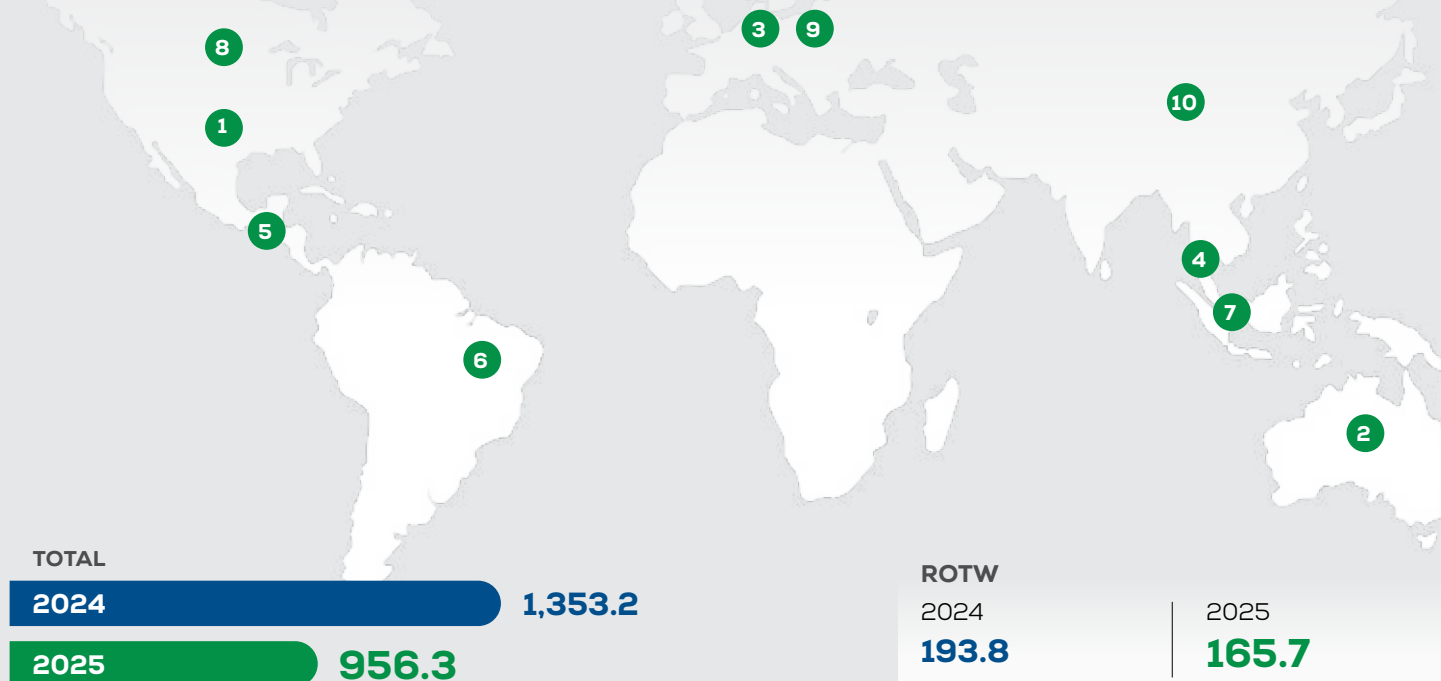
10
SOUTH KOREA

2024
261.5

2025
231.3

MALAYSIA'S TOP 10 EXPORT DESTINATIONS FOR TYRES

JANUARY – SEPTEMBER 2025 (RM MILLION)

1
UNITED STATES

2024

526.8

2025

434.6

2
AUSTRALIA

2024

70.3

2025

68.3

3
GERMANY

2024

72.7

2025

57.5

4
THAILAND

2024

41.5

2025

54.5

5
MEXICO

2024

6.7

2025

46.1

6
BRAZIL

2024

354.0

2025

43.7

7
SINGAPORE

2024

29.1

2025

23.5

8
CANADA

2024

17.1

2025

22.7

9
POLAND

2024

19.9

2025

20.1

10
CHINA

2024

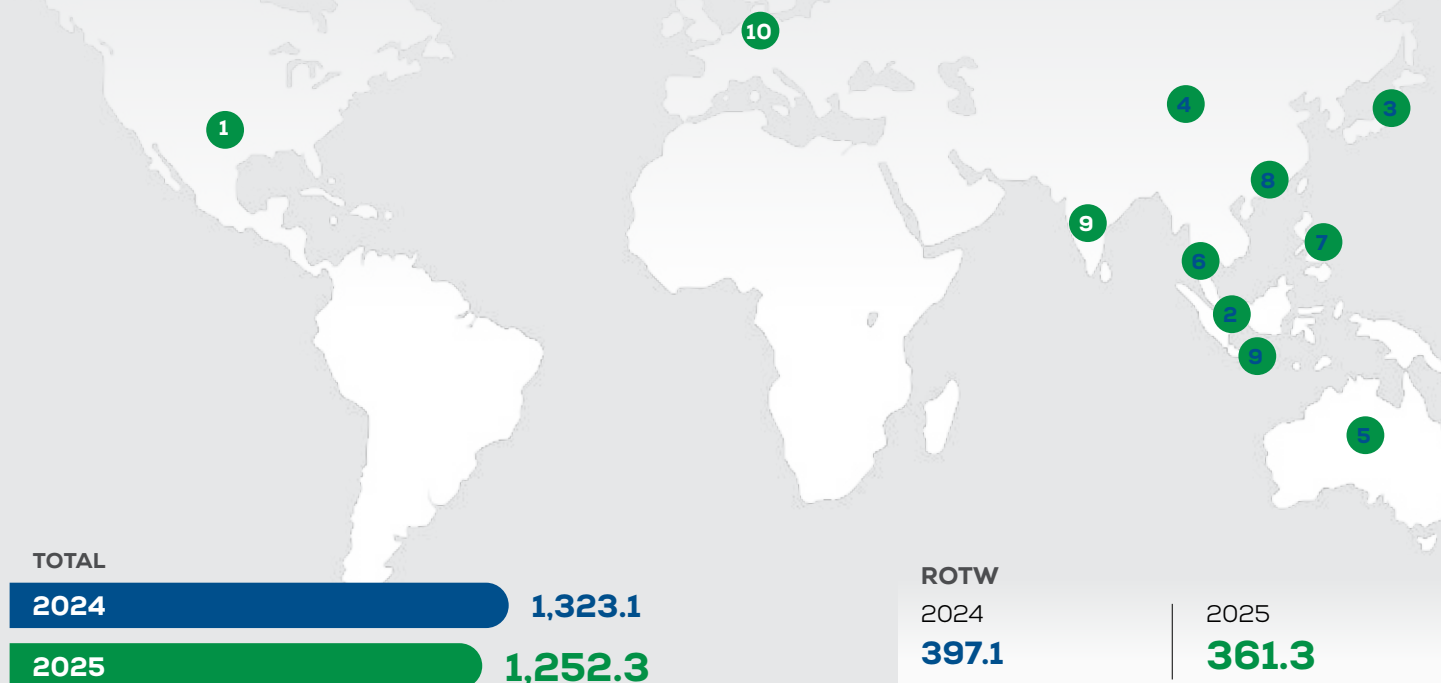
21.2

2025

19.6

MALAYSIA'S TOP 10 EXPORT DESTINATIONS FOR GENERAL RUBBER GOODS

JANUARY – SEPTEMBER 2025 (RM MILLION)



1
UNITED STATES

2024
185.7

2025
195.0



2
SINGAPORE

2024
164.1

2025
175.2



3
JAPAN

2024
108.4

2025
124.0



4
CHINA

2024
98.1

2025
92.2



5
AUSTRALIA

2024
103.1

2025
73.9



6
THAILAND

2024
66.1

2025
60.1



7
PHILIPPINES

2024
59.1

2025
47.0



8
HONG KONG

2024
50.9

2025
46.5



9
INDONESIA

2024
50.3

2025
43.6



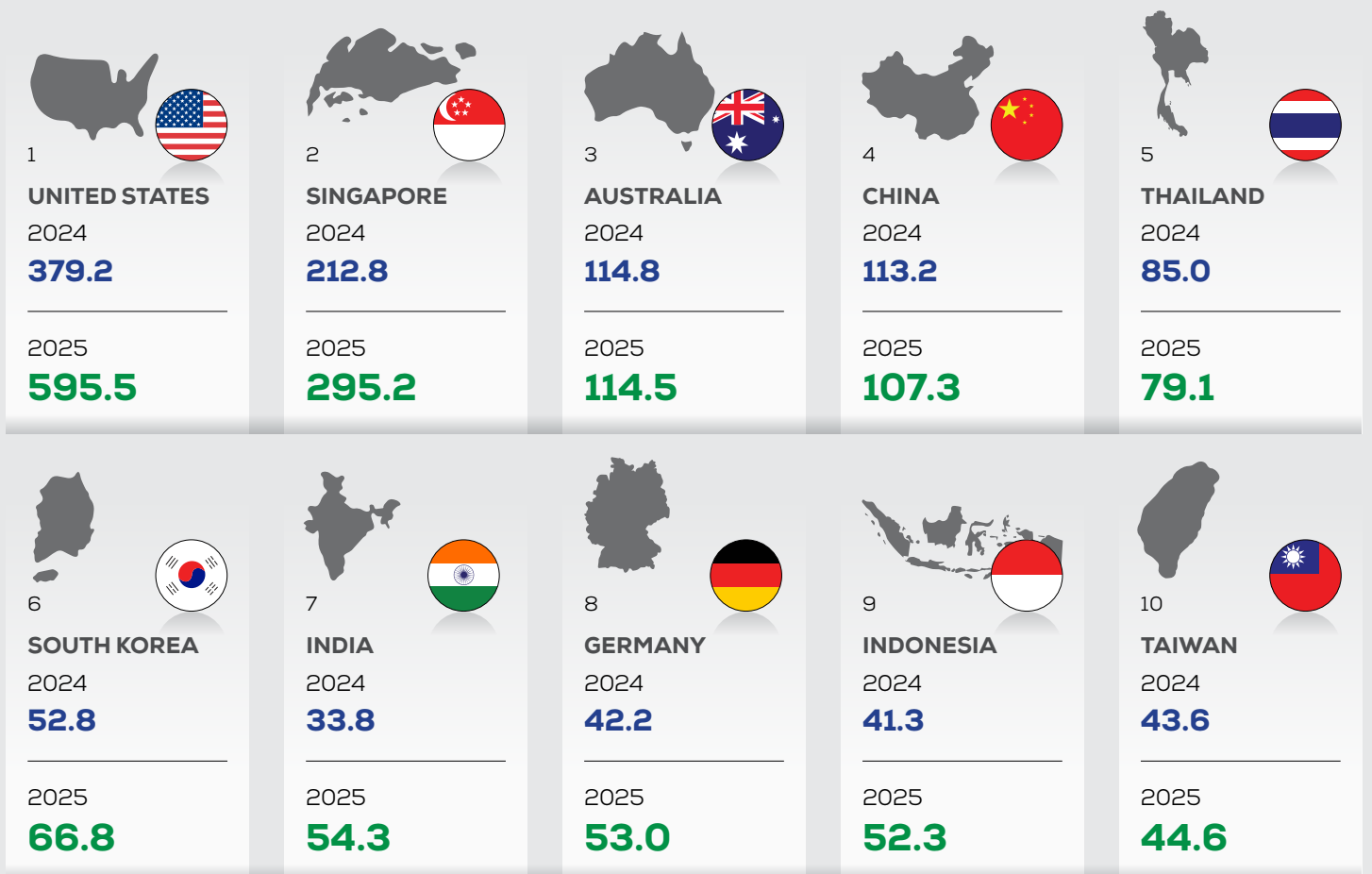
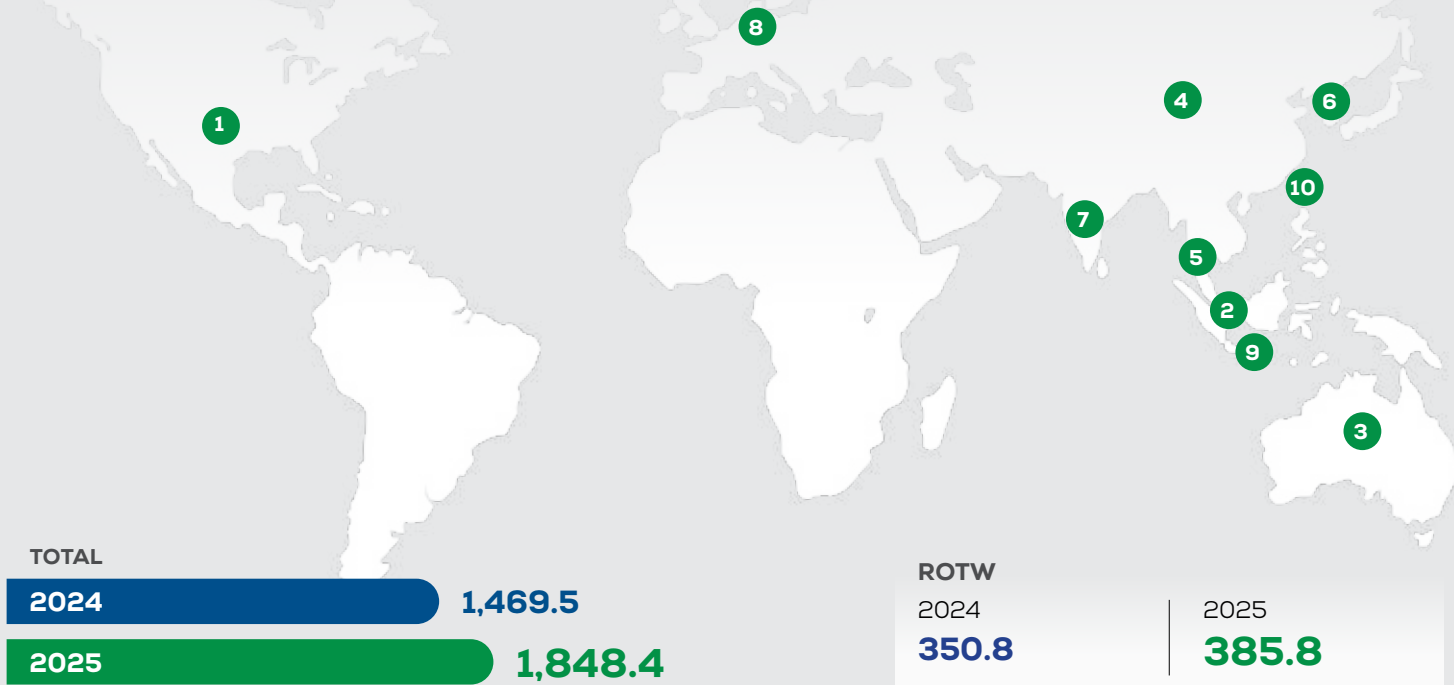
10
GERMANY

2024
72.7

2025
57.5

MALAYSIA'S TOP 10 EXPORT DESTINATIONS FOR INDUSTRIAL RUBBER GOODS

JANUARY – SEPTEMBER 2025 (RM MILLION)



UPCOMING EVENTS:

JANUARY, FEBRUARY, MARCH 2026

SEMINAR & TRAINING

1

22 January 2026

**GREENHOUSE GAS
MANAGEMENT AWARENESS
PROGRAMME**

2

17 February 2026

**ROUNDTABLE DISCUSSION
ON NAVIGATING CHALLENGES
FOR THE MALAYSIAN
RUBBER INDUSTRY**

3

17 February 2026

**REGIONAL MARKET UPDATES
& DEVELOPMENTS BY MRC
REGIONAL REPRESENTATIVES**

4

21 February 2026

**GREENHOUSE GAS
MANAGEMENT AWARENESS
PROGRAMME 3.0**

5

24 – 25 February 2026

**2-DAY GREENHOUSE
GAS ASSESSMENT TRAINING**

6

19 March 2026

**GREENHOUSE GAS
MANAGEMENT AWARENESS
PROGRAMME 4.0**

COMMERCIALISATION MATCHING PLATFORM

Explore Available
Rubber-Related
INTELLECTUAL PROPERTIES (IPs),
EXPERTS & TECHNICAL SERVICES
In Malaysia



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The collected information, obtained from government and private agencies as well as public and private universities in Malaysia, can also be accessed via our Online Matching Platform



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**CREATING VALUES
THROUGH
SUCCESSFUL R&D&C**
in Rubber Industry,
for the country...”