



## **PRESS RELEASE**

### **MINISTRY OF SCIENCE, TECHNOLOGY AND INNOVATION**

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#### **MALAYSIA'S ROBOTICS MARKET EXPECTED TO EXCEED NATIONAL ROADMAP TARGETS WITH RM103.10 BILLION BY 2030**

*MYRAS, MRANTI AND ROBOTICS ECOSYSTEM PLAYERS COLLABORATE FOR THE DEVELOPMENT OF THE NATIONAL ROBOTICS HUB AT MRANTI PARK*

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**KUALA LUMPUR, 17 March** - The first series of the Malaysia National Robotics Industry Country Report (NRICR) on Value Creation was released by the Malaysia Robotics and Automation Society (MyRAS) during the Intelligent Manufacturing Conference 2023.

MyRAS was commissioned by Ministry of Science, Technology and Innovation (MOSTI) to develop the National Robotics Roadmap approved by the government in the National Digital Economy 4IR Council (MED4IRN) in 2021 with the aim to improve the robot density in Malaysia from **55 units in 2019 to 195 units per 10,000 employees in 2030**.

The event was witnessed by Datuk Ts. Dr. Mohd Nor Azman bin Hassan, Deputy Secretary General (Technology Development) of MOSTI, Prof. Dr. Ishkandar Baharin, President of MyRAS, Mohd Safuan Mohd Zairi, Chief Ecosystem Development Officer of Malaysian Research Accelerator of Technology and Innovation (MRANTI) and Ir. Ts. Zaim Azyze, Senior General Manager of Malaysia Automotive, Robotics and IoT Institute (MARii).

The NRICR presents the landscape of Malaysia Robotics Market Insights on the producers and users utilising robotic technologies including multinational corporations and micro, small and medium-sized enterprises (MSMEs).

According to Datuk Ts. Dr. Mohd Nor Azman, the Malaysia Robotics Market is projected to reach a **market value of RM103.10 billion by 2030 surpassing the targeted amount in the National Robotics Roadmap 2021 - 2030**. MSMEs' contribution is far less than MNCs with a market share of 3-5% over the forecast period. This disparity is a concern that needs to be addressed. The robotic industry thrived especially Service Robots among others with a market value of RM 92.29 billion in 2022, despite the detrimental effect of COVID-19 towards the economy.

MRANTI will be collaborating with MyRAS, Malaysia Automotive, Robotics & IOT Institute (MARii) and International Alliance of Robotics Association (IARA), Zhejiang Robot Industry Association (ZRIA), Zhejiang Intelligent Robotics Research Institute (ZJROB), and Hangzhou Automation Technology Institute (HATI).

The partnership will see the set up a **National Robotics Hub at MRANTI Park, Bukit Jalil** to facilitate the growth of the robotics ecosystem players in Malaysia. It also entails the nurturing of local talent to meet the industry's demand for future robotics professionals by providing relevant training and development opportunities.

According to Dzuleira Abu Bakar, CEO of MRANTI, the NRCR will be a baseline to further improve the adoption of robotics applications in the various industry sectors in Malaysia. It will provide an overview of the state of robotics technology in the country including its strengths, weaknesses, opportunities, and threats.

“Through this collaboration, we believe that the local adoption of robotics in the industry will increase as local and global robotics technology partners especially in the manufacturing sectors. They are able to showcase, test and develop prototype products within a conducive environment with high tech infrastructures.

“MRANTI will utilise advanced technologies from the 4IR, including artificial intelligence (AI), 5G, and the Internet of Things (IoT), to develop their focused clusters on dronetech, healthtech, agritech and 4IR enabling technologies with an emphasis on tech commercialisation,” added Dzuleira.

“National Robotics Industry Country Report on Value Creation promote the shift of Malaysia Robotic ecosystem from value add to value creation that is sustainable through high-impact problem solving and high-impact innovative solution in realising the vision of National Robotics Roadmap 2021-2030 for Malaysia to become a regional robotics hub in Services, Agriculture and Manufacturing by 2030,” said Prof. Dr. Ishkandar.

“The aim of this report is to provide market intelligence on the future investment and trade prospects of the robotics industry in Malaysia. The report shows 87% of the robotic technology companies are made up of industry players where MSMEs form a majority of 85% and 66% of these MSMEs are from the manufacturing sector,” he added.

According to Ir. Ts. Zaim Azyze, MARii through its mandate to spearhead the National Blueprint on Automotive Robotics (NBAR) will be supporting the National Robotics and Innovation Hub by enhancing the automotive and mobility sectors in manufacturing as well as services in supporting Next Generation Vehicle (NxGV) development in Malaysia.

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Prepared by  
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