



## **PRESS RELEASE**

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

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#### **MRANTI LAUNCHES MALAYSIA'S FIRST OPERATIONAL DESIGN DOMAIN (ODD) GUIDEBOOK TO ADVANCE AUTONOMOUS VEHICLE TECHNOLOGY**

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**KUALA LUMPUR, 12 December 2024** - Malaysian Research Accelerator for Technology and Innovation (MRANTI) proudly unveiled Malaysia's first-ever Operational Design Domain (ODD) guidebook at AV Tech Day 2024, held at MRANTI Park, Bukit Jalil.

The ODD guidebook establishes a robust foundation for the safe deployment and testing of autonomous vehicles (AVs) in Malaysia, positioning the nation to become a leader in the flourishing AV ecosystem.

The launch event, officiated by Datuk Wira Dr. Hj. Rais Hussin Hj. Mohamed Ariff, CEO of MRANTI, also included the showcase of the AV Buggy, an autonomous vehicle developed for eco-friendly transportation.

#### **Driving Malaysia's Leadership in AV Technology**

The ODD guidebook outlines critical parameters such as road types, traffic scenarios, and environmental conditions for AV operations, ensuring safe integration into Malaysia's unique transportation landscape. This initiative aligns with the National Automotive Policy 2020 (NAP 2020) and supports Malaysia's ambition to become a high-technology nation by 2030.

Datuk Wira Dr. Hj. Rais Hussin Hj. Mohamed Ariff, CEO of MRANTI, emphasised the significance of the launch, stating: "Today marks a pivotal moment in Malaysia's technological advancement with the launch of the MRANTI Park ODD for autonomous vehicles. This publication is a groundbreaking initiative—the first of its kind in Malaysia—designed to ensure the safe deployment of autonomous vehicles (AVs).

It paves the way for Malaysians to fully harness the benefits of AV technology while minimising potential risks. More than just a guidebook, this document signals Malaysia's readiness to embrace autonomous vehicle technologies on a global stage, catalysing innovation within the local tech ecosystem."

### **AV Buggy Showcase and Public Experience**

The Launch also saw the AV Buggy demonstration which is the first use case of the published MRANTI Park ODD. Guests enjoyed rides on the AV Buggy, highlighting the potential of autonomous technology for safer and more sustainable urban mobility. Following the showcase, a networking luncheon provided an opportunity for industry leaders, innovators, and policymakers to connect and discuss future collaborations.

In an effort to engage the wider community, the AV Buggy experience was extended to the public, enabling attendees to witness firsthand the capabilities of autonomous vehicles and their implications for everyday transportation.

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Prepared by

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## **ABOUT MRANTI**

The Malaysian Research Accelerator for Technology and Innovation (MRANTI), a convergence of Technology Park Malaysia (TPM) Corporation Sdn Bhd and the Malaysian Global Innovation and Creativity Centre (MaGIC), is Malaysia's central research commercialisation agency that fast-tracks the development of technology innovations from ideas to impact.

MRANTI serves as a connector, incubator and catalyst to enable early-stage ideation to mature entities to commercialise and scale. MRANTI offers innovators and industry access to world-class integrated infrastructure, interventions & programmes, partnership and a suite of resources. In doing so, MRANTI aims to expand Malaysia's funnel of innovation supply, and unlock new R&D value by ensuring effective transitions in the commercialisation lifecycle. It will also link academia with industry and the public sector to streamline market-driven R&D efforts for mission-based outcomes.

MRANTI is headquartered at MRANTI Park, an extensive 686-acre 4IR innovation hub in Kuala Lumpur, is supporting the growth of smart manufacturing, biotech, agritech, smart city, green tech and enabling technology clusters.

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