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UEM EDGENTA-BACKED ROBOTICS TEAM TO COMPETE AT WORLD ROBOT OLYMPIAD 2019

*Pusat Genius@Pintar Negara, Universiti Kebangsaan Malaysia Robotics
Team Supported by UEM Edgenta to Represent Malaysia
at World Robot Olympiad 2019 in Győr, Hungary*

KUALA LUMPUR, 25 October 2019 – UEM Edgenta Berhad (“UEM Edgenta” or the “Company”), the leading Asset Management and Infrastructure Solutions company in the region today celebrated the success of “Equinox Metropolitan”, a robotics team from Pusat Genius@Pintar Negara, Universiti Kebangsaan Malaysia who will be representing Malaysia at the World Robot Olympiad 2019 (WRO 2019) in Győr, Hungary from 8 to 10 November.

UEM Edgenta’s support for Equinox Metropolitan is part of the Company’s commitment to inspire and promote Science, Technology, Engineering and Mathematics (STEM) among schools and students. The Company has been strongly involved in the team’s progress throughout the regional and national-level competitions and continues as the main sponsor for the team in its foray at the upcoming WRO 2019 finals.

The team, comprising of Ahmad Azzam Mohamad, Harun Azhar and Catherine Loo Qiao Ning won the Gold Prize at the National Robotics Competition 2019 in the Open Category - Upper Secondary School (SMART Cities) in September 2019, which qualifies them to represent Malaysia at WRO 2019 to compete with 400 teams from over 60 countries.

In line with the competition theme -- SMART Cities, Equinox Metropolitan’s project entry focuses on smart city technology that provides a sustainable solution to problems the team identified in Malaysia. Through their extensive research, the team aims to develop a solution

to enhance road safety and envisions a future free of deaths and serious injuries on Malaysia's roads by having a safe road system in place through upgrading of overall traffic control system.

Their aim is to reduce road accidents and increase the success rate of emergency rescue by creating a speed reduction method to promote road safety and save lives through surveillance and accurate emergency response. Equinox Metropolitan have conceptualised an integrated streetlight system that detects speed of vehicles which is capable of streaming data for immediate emergency response should an accident occur via the application of Internet-of-Things (IoT). The integrated streetlight system concept is also equipped with floodwater and thunderstorm detection sensors as value-added features.

As part of their preparation to face global competition at WRO 2019, Equinox Metropolitan met with a panel of Engineers from UEM Edgenta to present their project and gain valuable feedback on ways to further improve their effort. During their visit to UEM Edgenta's headquarters they were also taken for a tour of the Company's Command and Control Centre (CnC), a central operations hub which allows the application of big data analytics to facilitate machine learning and enable predictive maintenance. The cloud-based environment allows efficient work order management, remote monitoring and above all, support real-time decision making in its delivery of engineering-based services to clients.

Dato' Azmir Merican, Managing Director/Chief Executive Officer of UEM Edgenta said, "We will continue to identify further opportunities in which UEM Edgenta can lend our knowledge and expertise in engineering-based technology which we have adopted in the different sectors we operate, namely healthcare support, asset & facility management and highway & road maintenance services. Our support for STEM-related school activities across the years have been impactful and is in line with our vision to support innovation and technology initiatives at the grassroots. We are delighted to support Equinox Metropolitan from the start of their journey and wish them all the best in carrying Malaysia's hopes for a win at WRO 2019."

According to the team, they could not have done it without the tremendous encouragement and support received. According to Ahmad Azzam, one of the team members, "We are excited and determined to represent Malaysia. We hope we have made those who stood by us throughout the journey proud and bring home the winning trophy for them."

"I have seen their teamwork, commitment and creativity when they first pitched the idea for a smart and sustainable city, and I believe we have a shot at this. We thank UEM Edgenta for

their coaching and support that has been given to the team”, added Kamarul Zaman Hamzah, the team’s mentor.

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About UEM Edgenta Berhad

UEM Edgenta (www.uemedgenta.com) is a leading Asset Management and Infrastructure Solutions company in the region and a subsidiary of UEM Group. Listed on the Main Market of Bursa Malaysia Securities Berhad (KLSE: EDGENTA), our expertise covers Healthcare Support and Property & Facility Solutions, and Infrastructure Services covering Expressways and Rail, including project management & engineering design capabilities via OPUS Consultants.

UEM Edgenta’s full suite of services throughout the asset life cycle include consultancy, procurement & construction planning, operations & maintenance, as well as optimisation, rehabilitation and upgrades. UEM Edgenta has operational presence in Malaysia, Singapore, Indonesia, Taiwan, India and United Arab Emirates.

Issued by **UEM Edgenta Berhad**; Contact: Hafiz Noor (hafiznoor@uemedgenta.uemnet.com / 019 424 8283 / 03 2725 6946); or Juliana Jamaluddin (juliana_jamaluddin@uemedgenta.uemnet.com / 012 340 9438 / 03 2725 7367)