

Announcement

Hydrogen Vehicle Simulation

11 November 2021

RPMGlobal Holdings Limited (ASX: RUL) [RPM®] is pleased to provide an update to the market on its advances with respect to supporting hybrid vehicles, powered by green hydrogen or hybrid diesel, within its simulation suite of software products.

The hybrid vehicle functionality, developed in partnership with tier-one miners and OEMs within the mining industry, enables users to simulate and test multiple scenarios including vehicles that utilise hydrogen or hybrid diesel. Organisations who are looking to decarbonise their mining operations can now use trusted technology to quantify the financial and ESG benefits across a selection of potential haulage options.

RPM's simulation solutions utilise a Discrete Event Simulation (DES) engine that has been specifically designed for the mining industry. Organisations typically build a base case simulation that they can then use as a yardstick to measure and compare any changes to the haulage network (road rules, mine layout or vehicles) against.

Richard Mathews, Chief Executive Officer of RPM, said "RPM is experiencing a significant increase in organisations needing to measure and quantify the financial and emission benefits of utilising electric, hydrogen or hybrid diesel alternatives to their traditional diesel fleet. The global decarbonisation effort has certainly created demand for RPM's unique simulation solutions that can assist with answering questions that you simply can't answer in a spreadsheet."

"RPM's Commercial Off-The-Shelf (COTS) simulation solutions are already used worldwide by miners, contractors, and OEMs. With mining companies across the world pledging to quantifiably improve their decarbonisation efforts towards net-zero targets, software solutions that can measure and quantify the potential benefits of using lower emission options that are available in the market are super important."

This latest software release also includes several other developments such as interaction rules for autonomous vehicles, upgrades to electric vehicle infrastructure simulations, additional microservices to evaluate alternative options remotely (server or cloud) and more detailed reporting for electric vehicles.

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About RPM:

RPMGlobal Holdings Limited (ASX: RUL) [RPM®] was listed on the Australian Securities Exchange on 27 May 2008 and is a global leader in the provision and development of mining software solutions, advisory services and professional development to the mining industry.

With history stretching back to 1968, RPM has been trusted by mining companies of all sizes and commodities to support their growth. Our global expertise has been achieved over the past 50 years through our work in over 125 countries and our approach to the business of mining being strongly grounded in economic principles.

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