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KLD Energy Technologies Inc. (KLD), developers of clean energy technologies, and Australian-based Vmoto Limited, a leading global integrated scooter manufacturing and distribution company, are collaborating to bring a new generation of cutting-edge electric scooters and motorcycles to the world. The two companies have signed a memorandum of understanding (MOU) that outlines plans for Vmoto to leverage KLD's technology in their scooters.

"We are excited to be partnering with Vmoto, the industry leader in the electric two-wheeled vehicle market," says Christian Okonsky, CEO and founder, KLD. "We look forward to working with them as they evaluate our unique high frequency electric drive system for their new vehicles."

Vmoto, who recently acquired German electric scooter manufacturer E-max, and serves as the exclusive original equipment manufacturer for New Bedford, Massachusetts-based Vectrix Corporation's VX2 motor scooter, will be researching and testing the implementation of KLD's drive system into its electric vehicles. KLD's transmissionless, electric drive system improves the performance of vehicles while substantially decreasing the negative impact on the environment. Leveraging an innovative composite material, the drive system conducts energy with greater efficiency than traditional, iron-core motors.

"Vmoto is very excited about the potential of the new cooperation agreement with KLD. It provides our company with the opportunity to work with KLD's leading-edge electric motor technology developed by engineers in America. This collaboration enables us to stay at the forefront of the electric transportation industry," says Patrick Davin, managing director, Vmoto. "We see this relationship with KLD as an excellent fit to our existing scooter manufacturing operations in China and look forward to further extending our international electric scooter market sales next year as mass production of the KLD motors begins."

The KLD drive system is designed for high frequency and low-RPM operations. This proprietary approach eliminates the need for a transmission, resulting in a substantial increase in system efficiency.

KLD's motor works in tandem with its advanced electric motor controller and modular battery packs. The result is a system enabling electric vehicles to perform at an exceptionally more advanced level, and attain speeds and levels of responsiveness comparable to today's gas-powered vehicles.

Vmoto is a global scooter manufacturer and distributor group listed on the Australian Securities Exchange. Vmoto specializes in high quality motor scooters and All Terrain Vehicles (ATV's) using state-of-the-art production facilities located in China. The company also operates an international scooter and ATV trading and distribution business in Shanghai, China and a sales, distribution and design center based in Barcelona, Spain.

According to a recent Pike Research report, unit sales of electric two-wheel vehicles will grow at a rapid pace over the next several years. This research firm forecasts that more than 466 million e-bikes, e-motorcycles and e-scooters will be sold worldwide from 2010 to 2016. Pike Research predicts Asia Pacific and China will dominate the global electric two-wheel vehicle market, representing more than 95 percent of sales during the next six years.