A complete system for powering your bike. Introducing the Bikedrive.

A compact and powerful hub motor from maxon motor is the first of its kind in the electronic bike market. Not just a motor combination, this is a complete three-part system.

Released in May 2015, the Bikedrive was designed and engineered by maxon motor with the assistance of Albert Iten, a Swiss former downhill world champion. The Bikedrive sits in the rear hub of a bicycle and is completely waterproof. It has ironless winding allowing the motor to achieve an efficiency of up to 90%. This is important in terms of battery consumption and energy recovery. The hub of the motor contains integrated electronics, sensors, gearhead and cabling all while fulfilling the need to be compact and able to integrate with the existing bike structure.

The complete system comprising of motor, battery and throttle grip (or Powergrip) took just under two years to develop. The motor itself weighs in at 3.5kg with maximum torque of 50Nm and efficiency up to 90%. The battery is 2.8kg and takes two hours to charge. The throttle grip has three gear-stages plus Turbo Boost and temperature monitoring on a compact LED information screen.

For more information please contact maxon motor Australia on Tel. +61 2 9457 7477.

Length of this press release: 213 words

The media release is available on the internet at: www.maxonmotor.com.au