



## **PRESS RELEASE**

### ***IMMEDIATE RELEASE***

#### **UTM-PENTALIGHT TECHNOLOGY SDN. BHD SIGN MOA TO LEVERAGE THE ARTIFICIAL INTELLIGENCE AND SMARTCITY IOT TECHNOLOGY IN ENERGY EFFICIENCY PERFORMANCE CONTRACT**

**KUALA LUMPUR, 21 November 2016:-** Universiti Teknologi Malaysia (UTM) and the Pentalight Technology Sdn Bhd (PLT) have signed a Memorandum of Agreement (MoA) in Energy Saving Performance Contract (EPC) while spearheading the research and development activities involving city grade Artificial Intelligence, Industrial Unmanned Aviation Vehicle and the Internet of Things (IoT) technology for Smart city.

The agreement was signed by the Vice-Chancellor, Prof. Ir. Datuk Dr. Wahid Omar who represented UTM, while PLT was represented by its Chief Executive Officer, Dr. Raymond Tang, and Chief Operation Officer, Mr. Brendan Tang. The event was held at the Board of Directors' Meeting Room, Level 17, Menara Razak, UTM Kuala Lumpur campus attended by high ranking officials and researchers from both organisations, financial and governmental agencies, e.g. BSEEP, JKR, UNDP, GEF, MIGHT, MDEC, MDV, CENERGI-SEA, KMP, AIM, PlatCOM VENTURE and PROFICEO.

The EPC project involves mutual collaboration in maximizing the energy saving in all street lighting and outdoor lighting in UTM compounds, using smart LED lighting infrastructure originally designed for Smart City. UTM enjoys 0% capital expenditure while the saving from the energy efficiency will fund the infrastructure and research and development activities. The research activities are "Ai guided Flight and Landing Autonomy in UAV" and "IOT devices for Smart City". These research and development activities will affect the demography positively with advancement in technology, socio-

economy and security in Malaysia. Focused specifically for Smart City application, it is the hope that these activities will stimulate further academic and business opportunity, both local and abroad, that may be valued in billions ringgits investment for our nation. The concession for the project is 15 years.

To date, UTM has achieved 3 stars status in her energy efficiency effort and this project will elevate the achievement further with the assistance of Artificial Intelligence within Smart LED lighting infrastructure. This revolutionary project, with its vast economic and technological potentials, aims to progress in tantrum with the nation building efforts and agendas of various governmental agencies. The project will pivot UTM as the centre of excellence in advanced green technology in Asia.

Pentalight Technology (PLT) is the leading LED lighting specialist manufacturer and Ai programmer for Smart City. PLT aims at lowering the barriers of capital intensive Smart City development, so that the smart infrastructure upgrade for more cities and townships in Asia can be initiated and sustained.

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