



MEDIA RELEASE

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4IR POLICY DRIVES HIGH TECHNOLOGY DEVELOPMENT

PUTRAJAYA, 8 JULY 2021 – Recently, the Government launched the National Fourth Industrial Revolution Policy (4IR) to spur the country's socio-economic growth through the development of high technology.

YB Khairy Jamaluddin, Minister of Science, Technology and Innovation during the Launching Ceremony said the National 4IR Policy will complement the National Science, Technology and Innovation Policy 2021-2030 (DSTIN) which brings the agenda of science, technology and innovation empowerment integrated with the strengthening of the economy under the MySTIE 10-10 Framework.

During the launch of the policy, the government entrusted the Malaysia Board of Technologists (MBOT) to play an active role in leading the nation's 4IR governance efforts through two cluster components namely Digital Talent and Emerging Technology. The Digital Talent Cluster will focus on future workforce development with public and private partnerships through MBOT. Meanwhile, the Emerging Technology Cluster will focus on talent development that will boost the growth of the Electrical and Electronics industry.

According to the 2020 Labour Force Statistics released by the Department of Statistics Malaysia, there are 28.2 per cent of the high-skilled workforce, while 59.9 per cent are semi-skilled workers and the rest are low skilled workers. Overall, the low-skilled and semi-skilled employees accounted for 71.8 per cent of the total employment, higher than the percentage of high-skilled workers. Through the Shared Prosperity Vision 2030 initiative, the percentage of high-skilled workforce will be increased to 35 percent by 2030. However, in order to move in tandem with developed countries, Malaysia needs to increase the percentage of the high-skilled workforce by up to 42 per cent.

In this regard, YBhg. Datuk Ir. Ts. Dr. Siti Hamisah Tapsir, holding the role of the Secretary-General of MOSTI, has expressed MBOT's readiness to drive the agenda

in ensuring the talent capabilities to meet the demands of the industry in accordance with the National 4IR Policy.

"The initiative will be undertaken by ensuring the nurturing of talent and producing high-skilled and quality workforce ensure talents are cultivated to meet the industry demand, not only in the early stage but to a professional level as well including registering Technologists and Technicians as professionals, in line with MBOT's main functions", she said.

The National 4IR Policy is a comprehensive national policy to drive integrated efforts in transforming the national socio-economic development through the use of 4IR advanced technology. The policy is formulated by identifying 5 cores in technology towards building local capabilities which are Artificial Intelligence (AI), Internet of Things (IoT), Blockchain & Distributed Ledger Technology (DLT), Advanced Materials Supported by Cloud Computing (CC) and Big Data Analytics (BDA).

About Malaysia Board of Technologists (MBOT)

The Malaysia Board of Technologists (MBOT) is a Statutory Body under MOSTI, incorporated under the Technologists and Technicians Act 2015 (Act 768). The primary role of MBOT is to confer recognition on Technologists and Technicians as professionals. MBOT functions as a professional body that helps expand the profession based on technology and technical.

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