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TDA, ALSTOM AND UNIKL PIONEER CUTTING-EDGE DIGITAL LEARNING PROGRAMME THROUGH INDUSTRIAL COLLABORATION PROGRAM TO READY MALAYSIA'S RAIL ENGINEERS

Technology Depository Agency (TDA) together with Alstom, global leader in smart and sustainable mobility, and Universiti Kuala Lumpur (UniKL), have launched the Alstom University Digital Learning Programme, a cutting-edge curriculum in the era of digitalisation for railway technologies here in UniKL Kuala Lumpur Campus. The launch of the programme, as a result of the collaboration between Alstom and UniKL through the Industrial Collaboration Program (ICP) under the execution of ongoing project of Kuala Lumpur Additional Vehicle 27 (KLAV-27) project, was witnessed today by Yang Berhormat Dato' Indera Mohd Shahar Abdullah, Deputy Minister Finance I.

The collaboration will see Alstom's corporate university, Alstom University, and UniKL Asia Rail Centre piloting a new digital learning programme that will provide the latter's engineering undergraduates with a means to hone their railway skills while pursuing a degree – the first-of-its-kind in Malaysia. This is made possible through Alstom's partnership with the TDA leveraging on ICP that provides platform and framework to promote global strategic partnership and technology transfer among others.

Designed for budding engineering professionals within the local rail industry, the 12 to 14-week Alstom University Digital Learning Programme draws on Alstom's industry expertise and UniKL Asia Rail Centre's applied learning approach to equip them with relevant knowledge and practical skillsets in rail technology, design, operations and maintenance, as well as soft skills in the workplace. The students will be able to

acquire competencies from renowned industry experts via a highly interactive and engaging digital platform, leveraging virtual reality, the metaverse and video learning. They will also be assessed based on their displayed competencies.

As part of its efforts to forge greater resilience and build up an industry-ready engineering pipeline for Malaysia's rail sector, Alstom has inked a Memorandum of Understanding (MOU) with UniKL, which provides the avenue for continuous collaboration to achieve greater alignment between academic achievement and applied learning. This comes as the Government, as outlined in its 12th Malaysia Plan 2021 – 2025, is prioritising the growth of public transport ridership, and critical to that development is creating a skilled and resilient workforce that will help drive sustained growth in the post-pandemic economy.

Yang Berhormat Dato' Indera Mohd Shahar Abdullah in his officiating speech reiterated Ministry of Finance Malaysia (MOF) support in ensuring the implementation of ICP to the Government Procurement brings value-add among others in accelerating digital technology adoption in education, training and business towards greater productivity.

Dr. Sharoul Jambari, Chief Executive Officer of TDA, said: "I applaud the execution of the Alstom University Digital Learning Programme and emphasise our commitment to ensure the ICP generated from Government Procurement will create the value-add necessary to enhance the competency of not only local talents but also strengthen the collaboration between top global industry players and leading railway engineering institutions such as UniKL. The collaboration with Alstom, which ranks top tier in global railway and transportation sector, is made possible through the ICP platform."

Jayaram Naidu, Alstom's Managing Director for Singapore and Malaysia, and Vice President, Services for Asia Pacific, said: "As the largest supplier of light metro rolling stock and metro signalling systems in the Malaysian railway industry, we have the best know-how and experience within the mobility sector. We are very excited to be embarking on this MOU, including a digital learning programme, with UniKL to share this knowledge with young engineering talents. We look forward to collaborating with

more industry partners, to continue to nurture and develop a strong pipeline of local talents with deep technical rail expertise and cross-functional capabilities.”

“This cooperation will enable UniKL to be one of the main contributors to the transformation of the country’s transport landscape and ecosystem which is one of the main focuses of the government agenda. This is in line with the Government’s intention to strengthen the national economy through the development of highly skilled human capital in strategic industries such as aerospace, maritime and rail,” said YBhg. Prof. Emeritus Datuk Dr. Sukiman Bin Sarmani, Chairman Universiti Kuala Lumpur.

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About TDA Berhad

Technology Depository Agency Berhad (TDA) is an agency under the purview of Ministry of Finance Malaysia and responsible to manage, administer and monitor the Industrial Collaboration Program activities in Malaysia in aligning to the process and requirement stipulated in the ICP Management Framework (as per ICP Policy & Guideline for Government Procurement).

Industrial Collaboration Program (ICP)

ICP is a Government policy which aims to value-add the procurement made by the Government via development of local industry and technology hence promote the growth of national economy. The ICP is triggered onto the procurement exceeding threshold value of RM50 Million & above (for Foreign Supplier/OEM) and RM100 Million & above (for Local Prime Contractor).

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About Alstom

Leading societies to a low carbon future, Alstom develops and markets mobility solutions that provide the sustainable foundations for the future of transportation. Alstom's product portfolio ranges from high-speed trains, metros, monorails and trams, to integrated systems, customised services, infrastructure, signalling, and digital mobility solutions. Alstom has 150,000 vehicles in commercial service worldwide. With Bombardier Transportation joining Alstom on January 29, 2021, the enlarged Group's combined proforma revenue amounts to €14 billion for the 12-month period ended March 31, 2021. Headquartered in France, Alstom is now present in 70 countries and employs more than 70,000 people.

www.alstom.com

Alstom University

Alstom University is Alstom's award-winning learning powerhouse, bringing employees, customer and partners a digital environment to continuously learn and share. With Alstom University, learners can develop their skills with our courses (from technical to soft skills) delivered by our over 750 subject matter experts using the latest technology in learning.

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About Universiti Kuala Lumpur

Universiti Kuala Lumpur (UniKL) is Malaysia's leading private entrepreneurial technical university focusing on Higher Technical and Vocational Education and Training (HTVET). It was established on 20 August 2002 and is wholly-owned by Majlis Amanah Rakyat (MARA), an agency under the Ministry of Rural Development of Malaysia.

Rated as a Tier-5 "Excellent University" by the Ministry of Higher Education's SETARA Rating, UniKL is the biggest 'Government Linked University' or GLU in the country in terms of enrolment with over 22,000 students. There are 13 institutes operate at 12 campuses strategically located nationwide offering more than 140 programmes starting from foundation, diploma, undergraduate and postgraduate studies.

The university's concept of 'One Institute, One Specialisation' is an ideal model formulated in creating graduates who are globally competent in meeting occupational demands in various sectors of the workforce.

UniKL Asia Rail Centre

UniKL Asia Rail Centre was established on 23 March 2016 under MARA flagship as a crucial professional training centre. The Centre focuses on developing rail technology and talent development programmes. UniKL Asia Rail Centre was recognised as the pioneer higher institution in Malaysia focusing on railway specialisation by offering

various academic, professional and customised programmes, including short courses for railway companies locally and regionally.

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