

For Immediate Release

MIT Node partners with tramplus to offer the-first-of-its-kind STEAM certificate program tailor-made for local secondary schools and international schools focusing on Smart Cities and Sustainability

(Hong Kong, June 14, 2022) Tram Plus Limited ("tramplus") and MIT Hong Kong Innovation Node ("MIT Node") – an innovative arm of a premier engineering institution in the world, the Massachusetts Institute of Technology ("MIT"), signed a strategic 5-year professional STEAM development agreement for the provision of a certificate program. The program leverages on MIT's renowned Design Thinking and Mind and Hand (translation of MIT's motto - Mens et Manus) teaching philosophies.



Signing of the partnership agreement by (from left to right) Mr. Nixon CHEUNG (General Manager of tramplus), Mr. Cryil AUBIN (Managing Director of tramplus), Dr. Charleston SIN (Executive Director of MIT Node) and Ms. Sunnie LAU (Director Head of Smart City Research and Industry Collaborations of MIT Node)

As the education sector has been emphasizing on Innovation and Technology (I&T) in recent years, tramplus has timely become the strategic partner of MIT Node for the provision of a STEAM certificate program on themes of "mobility" and "sustainability". The program is professionally designed based on MIT's world-class learning approach in smart city integration and circular design.

Dr. Charleston SIN, Executive Director of MIT Node, said: "Since 2015, the MIT Node has focused on cultivating the innovation capabilities of MIT students. Through this unique partnership with tramplus, we can now extend our impact on strengthening the region's innovation ecosystem by formulating teaching kits for secondary schools for the first time. We very much look forward to joining hands with tramplus in melding our institution's top art, science and engineering education methodology with their technical prowess and craftsmanship in local STEAM education. We hope to empower local students and provide them with more platforms and opportunities to shine and innovate."

trampus aspires to rethink the relationship between education and smart city development, so as to inspire students to apply STEAM knowledge and prepare them for future I&T studies. The STEAM program is launching in the fourth quarter of 2022, and is now calling for school enrolment. The aforementioned STEAM program will be taught by MIT Node certified trainers.

1. STEAM Education Program

Designed by MIT Node and conducted by trampus, this course provides students with an approximate 20 hours of intriguing and interactive learning experience. The first phase targets F.2-3 students from local secondary schools and the equivalent for international schools. By nurturing students with a “Reflections come after Understanding” approach, the course hopes to unlock their solution-seeking potentials and cultivate an innovative mind to tackle everchanging challenges in reality. The course also adopts a unique and familiar teaching topic of made-in-HK trams to facilitate students to brainstorm the role of transportation and its development in smart cities. Upon course completion, students will be awarded a certificate issued by trampus and MIT Node.

2. “Train the Trainers” Program

trampus will collaborate with local universities to offer paid career training and internship opportunities for university students who have a keen interest in I&T education. The selection of candidates and training will be conducted by MIT Node. Participants who have completed the training will be awarded a certificate by MIT Node and enlisted as MIT Node’s recognized trainers. They will then become a part of trampus tutoring team to apply their knowledge at various secondary schools.

Trampus will continue to develop meaningful partnerships for building a strong cross-disciplinary network in hopes of cultivating I&T talents.

“We feel privileged that trampus has become the strategic STEAM partner of MIT Node in the field of sustainability and mobility. We look forward to witnessing a perfect integration of the century-old born-in-Hong Kong craftsmanship and engineering wisdom with the teaching philosophy of MIT Node, so as to nurture our younger generations’ STEAM mindset with futuristic topics.” said the General Manager of trampus, Mr. Nixon CHEUNG.

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About trampus

Founded in 2021, trampus is a sister company of HK Tramways and owned by the RATP Dev Group.

With the vision to advocate local STEM education, trampus teams up with the world’s leading institutions and educators to provide easy access to the world-class online and

in-curriculum STEM education, by blending in the rich legacy of tram engineering wisdom with modern tech knowledge.

tramplus focuses on STEM-related curricula including basic science, mechanical and electrical engineering, coding and urban development. By approaching these topics from a daily life perspective, tramplus hopes to inspire students to adopt a radical mindset and equip them with a STEM foundation. Hence, equip them with the knowledge and skills to develop a smarter and a more sustainable future for the city.

www.tramplus.net
enquiry@tramplus.net
WhatsApp: (852) 6537 7291

Facebook : @tramplus.hk
Instagram: @tramplus.hk
LinkedIn: @tramplus

For media enquiries, please contact:

Sarah Lee
T +852 2114 2103
E sarah.lee@hkcg.com.hk

Erica Lee
T +852 2864 4865
E erica.lee@hkcg.com.hk