



俊和發展集團
CHUN WO DEVELOPMENT HOLDINGS LIMITED

[For immediate release]

WINNERS OF SECOND 'CHUN WO INNOVATION STUDENT AWARDS' UNVEILED

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CITYU-DEVELOPED FOG-BASED SELF-POWERED SYSTEM WINS THE GOLD AWARD SYSU INTELLIGENT MEDICAL LOGISTICS ROBOT REDUCES INFECTION RISKS TO MEDICAL STAFF

INNOVATIVE ENGINEERING SOLUTIONS HELP BUILD A SMART CITY

(Hong Kong, 14 May 2021) — **Chun Wo Development Holdings Limited** (“Chun Wo”), a key member of **Asia Allied Infrastructure Holdings Limited** (“Asia Allied Infrastructure” or “the Group”) (stock code: 00711.HK), is pleased to announce today the winners of the second “Chun Wo Innovation Student Awards” (the “Awards”) competition. The team Fog-based Self-powered System (FSS) from the City University of Hong Kong won the Gold Award and Merit honor in “The Best Engineering Solution Award” category. Team Evergreen - Smart Bracelet from The Hong Kong Polytechnic University won the Silver Award and Merit honor in “The Best Business Potential Award” category, and the Bronze Award went to the Smart Adaptive Façade Panel, which was developed by Azumos from The University of Hong Kong. The team An Intelligent Medical Logistics Robot from the Sun Yat-sen University garnered Merit honor in “The Best Social Impact Award” category.

The Awards competition has received an overwhelmingly favorable response this year as it drew applications from over 70 student teams and more than 30 detailed proposal submissions. With “Engineers for a Smarter Future” as theme, participating teams proposed an array of innovative and practical solutions to build a sustainable integrated smart city. After the jury panel’s review of all the proposals, nine student teams were shortlisted and invited to the final presentation on 30 January 2021 at Tencent WeStart (Hong Kong). Because of the pandemic, students’ presentations were made to the jury panel via Zoom and each team was given a score in the course of selecting the Awards winners.

Sr. Stephen Lee, Chief Executive Officer of Chun Wo Construction Holdings Company Limited, said, “Despite challenges amid the pandemic, the second ‘Chun Wo Innovation Student Awards’ was finally completed with great success, and I would like to express my sincere gratitude to the jury panel, all student participants and colleagues. Meanwhile, I am extremely delighted and gratified to see plenty of high-quality proposals that were received this year, proving Chun Wo’s numerus efforts over the years to nurture the next generation have not been in vain. Looking ahead, Chun Wo will continue encouraging students and youngsters to develop innovative engineering solutions using their young minds, especially to transform Hong Kong into a sustainable smart city. Once again, congratulations to all winners and I really look forward to seeing the winning team execute its ideas in the coming years.”

Results of this year’s Awards have been announced today on the [Facebook page](#) of Chun Wo Innovation Student Awards. The entire awards presentation ceremony can be viewed on Chun Wo’s Innovation

Student Awards [website](#). Among the awards presentation guests were: Mr. Cheung Hau Wai, Chairman of the Hong Kong Green Building Council; Mr. Lau Chun Kit, Director of Civil Engineering and Development and Commissioner of Mines; and Mr. Lo Kwok Wah, Director of Water Supplies. They praised the participating student teams for their excellent performance and for their submissions of practical and highly professional innovative engineering solutions, which will help facilitate the transformation into a smart city of Hong Kong, as well as the Greater Bay Area.

The winner of the Gold Award will receive a cash prize of HK\$100,000, and join the two-year “2+1 Post-Award Program” during which Chun Wo will provide resources and technical assistance to the team for it to execute its ideas. The winner of the Silver Award will receive a cash prize of HK\$50,000, while the Bronze award winner will receive a cash prize of HK\$30,000. The combined cash prizes of the Gold, Silver, Bronze and three merit awards amounted to HK\$200,000.

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Appendix

The second “Chun Wo Innovation Student Awards” Winners

Gold Award and Merit - The Best Engineering Solution Award	
Team:	Fog-based Self-powered System (FSS)
University:	City University of Hong Kong
Proposed Engineering Solution:	Fog Harvesting and Power Generation Device Capturing the fog aerosol through the Fog harvester (specially treated meshes) developed by the team and generating electricity through the Droplet-based energy generator, it could provide both fresh water and electricity for remote areas in Hong Kong where there is a lack of water/electricity supply, and it is anticipated to become one of the future renewable energy supplies.

Silver Award and Merit - The Best Business Potential Award	
Team:	Evergreen
University:	The Hong Kong Polytechnic University
Proposed Engineering Solution:	Smart Bracelet for Elderly A smart bracelet incorporates functions of automatic fall detection, GPS location tracking, and fall alert to caregivers to enhance fall preventive measures.

Bronze Award	
Team:	Azumos
University:	The University of Hong Kong
Proposed Engineering Solution:	Smart Adaptive Façade Panel A façade panel that can automatically retract through the light sensor, effectively reduce indoor temperature and improve energy efficiency.

Merit - The Best Social Impact Award	
Team:	An Intelligent Medical Logistics Robot
University:	Sun Yat-sen University
Proposed Engineering Solution:	Intelligent Medical Logistic Robot System The bio-inspired end-effector is installed and incorporated in the intelligent medical logistics robot consisting of a communication system for human-machine interaction, and a vision system for automatic control, aiming to help medical staff dispatch medical supplies to patient and reducing their infection risks.

Winners of Second “Chun Wo Innovation Student Awards” Unveiled
14 May 2021

Photo captions:

Photo 1 & 2

The team Fog-based Self-powered System (FSS) from the City University of Hong Kong won the Gold Award and Merit honor in “The Best Engineering Solution Award” category.

Photo 1



Photo 2



Winners of Second "Chun Wo Innovation Student Awards" Unveiled
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Photo 3 & 4

The team Evergreen - Smart Bracelet from the Hong Kong Polytechnic University won the Silver Award and Merit honor in "The Best Business Potential Award" category.

Photo 3



Photo 4



Winners of Second “Chun Wo Innovation Student Awards” Unveiled
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Photo 5 & 6

The team Azumos from the University of Hong Kong won the Bronze Award.

Photo 5



Photo 6

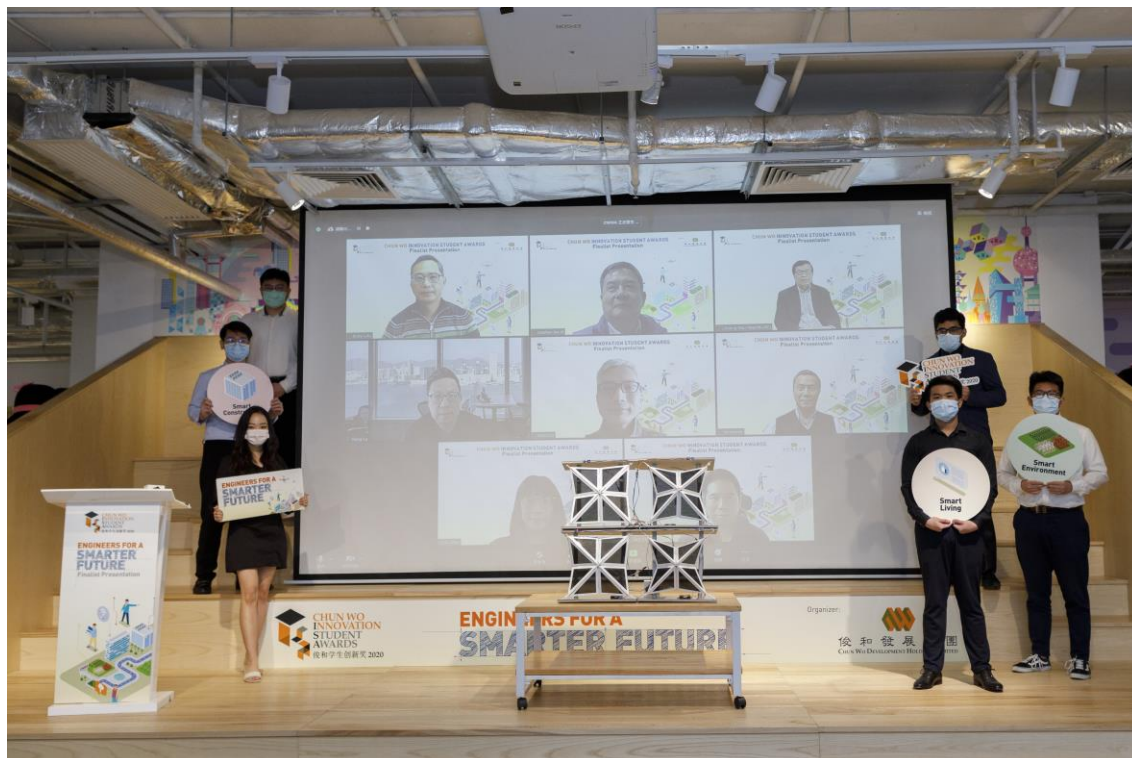


Photo 7 & 8

The team An Intelligent Medical Logistics Robot from the Sun Yat-sen University garnered Merit honor in "The Best Social Impact Award" category.

Photo 7



Photo 8



Chun Wo Innovation Student Awards

The Chun Wo Innovation Student Awards (CWISA) is a biannual awards competition established by Chun Wo Development Holdings Limited (Chun Wo) in 2018, which aims to empower the next generation of innovators and stimulate young minds to develop innovative engineering solutions that can help cities become more connected and sustainable.

The theme of the first CWISA in 2018 was “Engineers Save the World”. The teams which participated in this Awards competition were required to address a sustainable development issue in a developing country according to the 17 sustainable development goals outlined by the United Nations. In 2020, CWISA was extended to the Greater Bay Area and it allows the participation of full-time students of tertiary institutions in Hong Kong and the Greater Bay Area under the theme of “Engineer for a Smarter Future”, which encourages students to build a smart city by employing an engineering approach.

Chun Wo Development Holdings Limited

Chun Wo Development Holdings Limited (“Chun Wo”) was founded in 1968 and is a key subsidiary of Asia Allied Infrastructure Holdings Limited (stock code: 00711.HK). The Company is principally engaged in the construction and property development businesses, and possesses the professional capabilities to undertake large-scale integrated construction projects. Recent examples of large-scale infrastructure projects that it has undertaken in Hong Kong include the Central-Wan Chai Bypass, Liantang/Heung Yuen Wai Boundary Infrastructure, Hong Kong-Zhuhai-Macao Bridge Passenger Clearance Building, Guangzhou-Shenzhen-Hong Kong Express Rail Link (Hong Kong Section) and MTR Shatin to Central Link. With deep roots in Hong Kong and an operation history stretching over 50 years, Chun Wo has accumulated extensive experience and a strong position in the construction sector, enabling it to expand its business to countries along the “Belt & Road” route in Southeast Asia. Examples of such expansion include the acquisition of a construction and engineering consultancy in Singapore, and the undertaking of waterway bridge design and construction projects in the Philippines in recent years.

Asia Allied Infrastructure Holdings Limited (stock code: 00711)

Asia Allied Infrastructure Holdings Limited (“Asia Allied Infrastructure”) is listed on the Main Board of the Hong Kong Stock Exchange under stock code 00711. The Group operates businesses such as construction engineering and management, property development and assets leasing, security and facility management, tunnel management, non-franchised bus services, as well as medical technology and healthcare. Its subsidiary “Chun Wo” is a renowned construction contractor and property developer in Hong Kong. Chun Wo’s solid construction experience and professional capabilities have enabled the Group to seize suitable development opportunities, allowing the Group to enhance its overall profitability and investment value.

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