



香港工業總會轄下  A FHKI Council

5TH

五周年紀念特刊 ANNIVERSARY COMMEMORATIVE BOOKLET



About Hong Kong Startup Council

關於香港初創企業協會

Established under Federation of Hong Kong Industries (FHKI) in 2016, Hong Kong Startup Council (HKSC) is devoted to serving as a platform to ramp up the growth of early-stage and growing startups by connecting them with seasoned industrialists, like-minded innovators, investors, the R&D sector and the youth. The Council is tasked to turn innovative ideas into commercially viable products or services, with the purpose of creating synergies between Hong Kong's established and new economies.

Manufacturing Matchmaker

業務配對

We connect startups with seasoned industrialists with established manufacturing bases in GBA, ASEAN countries and around the world. We stand ready to help build a prototype and turn startups' creativity into ready-to-market products and mass production.

Industrial Partnership

工業協作

We organise the signature STARS Programme to tie-up promising startups with seasoned industrialists for upside synergies. We empower the growth of startups with all-rounded support covering mentorship, business planning, go-to-market strategies, proof-of-concept trials, capacity building, matchmakings, capacity building workshops and market exposure.

香港工業總會轄下的香港初創企業協會於2016年成立，旨在連繫初創企業、資深工業家、理念相近的創業家、投資者、研發機構和年青新世代。協會致力將初創的創新意念轉化為產品或服務，激發香港傳統經濟及新經濟之間的協同效應。

我們為初創聯繫擁有大灣區、東南亞等地生產經驗的資深工業家，助其製作產品原型、進行市場測試，以至商品化量產。

協會旗艦活動「初創飛昇計劃」以培訓指導及業務配對為重點，旨在為處於起步及穩健成長階段的初創企業提供多方位支援，包括商務指導、市場策劃、產品測試、專業培訓、業務及投資者配對、市場推廣等。

Message from Chairman, Federation of Hong Kong Industries 香港工業總會主席的話

Dr Sunny Chai
查毅超博士



The momentum for Hong Kong to develop innovation and technology (I&T) has never been stronger in recent year, which is now instrumental for societal process. While pursuing I&T advancement, various sectors have come to realise the pivotal role of I&T can spawn new industries in Hong Kong, facilitate the upgrading and transformation of traditional industries. Combing manufacturing industry and I&T could transform as to sustainable economic value, create more diversified development and employment opportunities, and help enhance our overall competitiveness.

The Government promulgated the Hong Kong Innovation and Technology Development Blueprint, which establish a clear development path and formulate systematic strategic planning for moving full steam towards the vision of an international I&T centre. The new administration's Policy Address announced a series of measures to foster I&T development and attract more I&T talents to promote the creation of emerging high-value industries with innovative thinking. All of the above highlights the importance of the I&T industry to Hong Kong's development.

In the past 5 years, the Hong Kong Startup Council has been committed to support industry innovation and startups, which helps startups working closely with industrialists to bring fruitful results and positive impact. Federation of Hong Kong Industries, as the most trusted partner of Hong Kong's industrialists, and my position as an honorary advisor of the Hong Kong Startup Council, I will spare no effort with the leadership and General Committee to pilot the way forward for startups, I&T development as well re-industrialisation. We will vows to work in full swing to pave the way for our members in upgrading and transforming business to fellow industrialists and reinvent Hong Kong Industries!

近年，香港創新科技發展的氣氛越見濃厚，成為帶動社會進步的重要泉源。在推動創新科技（創科）發展時，各界均意識到可為香港帶來新產業和帶動傳統產業升級轉型。同時，將工業與創科結合，轉化成可持續的經濟價值，促使經濟多元發展，創造優質的就業機會，從而提升香港的整體競爭力。

新一屆政府公布《香港創新科技藍圖》，為創科發展制訂未來五至十年清晰的發展路徑和系統的戰略規劃，引領香港實現國際創科中心的願景。與此同時，在《施政報告》多部份都有提及創科發展策略，制定不同政策吸納人才，以創新思維，推動創造新興的高增值產業，以上均突顯創新科技產業對本港發展的重要性。

過去五年，香港初創企業協會致力為行業創新及初創企業提供支援，促成初創與工業家緊密合作，帶來豐碩成果及正面影響。香港工業總會作為工業界最忠誠的夥伴，以及本人作為香港初創企業協會的名譽顧問，我和主席團以及理事會成員必定全力協助初創企業發展，推動科研創新及再工業化，實踐升級轉型，投入高增值產業，為業界領航，精益求精，續創輝煌！

Messages from the Honorary President 名譽會長的話

Dr Jack Yeung
楊儂傑博士



Established Hong Kong Startup Council is truly like setting up a startup in Federation of Hong Kong Industries (FHKI). We see the need for innovation and the trend ahead to drive new energy to our traditional manufacturing industries. Inspired and supported by the previous FHKI Chairmen, led by Mr Jason Chiu and me, supported by our previous Director General Mr Arthur Ho, we went full steam ahead. Thanks to the support of our committee members and sponsors, we started our first cohort of the STARS Programme in 2017 and shaped the core competence of our Council. Thanks to Jason's leadership and the support from our FHKI Chairman Dr Sunny Chai and previous FHKI Chairmen Prof Daniel Cheng and Dr Daniel Yip, we are now in the 5th cohort of STARS Programme, helped over 50 startups to create partnerships with our FHKI members and fully support the growth of these promising startups. The establishment of the Hong Kong Innopreneur Awards implies that not only the industry understands the need for innovations, but the Hong Kong Government is also putting a major portion of its budget to bring innovations, talents and financial support to the innovation and technology world. This has proven FHKI's forward thinking and leadership in developing industries in Hong Kong. However, such success is not only driven by direction, but it is also contributed by the team in FHKI, the leadership, committee members, mentors and sponsors. Big Thank You!

成立香港初創企業協會就好像真正成立一間屬於香港工業總會的初創公司。我們看到了創新的必要性和未來的趨勢，為我們的傳統製造業帶來新的能量。在趙子翹先生（Jason）和我的領導下，以及過去的工總主席及總裁何健華先生的啟發和支持下，我們全速前進。感謝工總理事會成員和贊助商的支持，我們於2017年舉辦了第一屆「初創飛昇計劃」，並塑造了香港初創企業協會的核心競爭力。感謝 Jason 的領導、我們現任工總主席查毅超博士及前任工總主席鄭文聰教授及葉中賢博士的支持，現在已經舉辦了五屆的「初創飛昇計劃」，幫助了超過50多間的入圍初創公司，促成他們與我們工總的會員建立合作夥伴關係，全力支持這些有前途的初創公司發展。首屆的香港創新企業家獎突顯各行業都了解到創新的必要性，香港政府也將大部分的預算用於支持創新及科技的領域上。這證明了工總在香港發展工業方面的前瞻性思維和領導力。然而，這樣的成功不僅有目標的推動，還有賴工總的團隊、管理層、理事會成員、導師和贊助商的同心合力。非常感謝大家！

Messages from the Chairman

主席的話



The purpose of the Hong Kong Startup Council is to connect and support early-stage and growing startups with seasoned industrialists and mentors. We believe such cross-over will generate mutual growth and exceptional innovation. Startups benefit from mentorship, industrial partnership, scale-up expansion and financial support, while industrialists benefit from digital transformation and innovations. The Council's signature STARS Programme has served as a zero-equity acceleration platform for over 50 startups to turn their creative ideas into value-added, industry-driven products and services. We have also built excellent rapport with industrialists, corporates and investors to facilitate over 900 matchmaking sessions, mentorships, upskilling workshops and tailored consultations etc, while we have supported over 2,000 startup ecosystem activities. In 2022, together with our title sponsor HSBC and ecosystem partners, the Council launched the inaugural Hong Kong Innopreneur Awards which is a prestigious and unique recognition to honour the city's startup founders, corporate innovators and ecosystem catalysts.

初創企業與工業家能夠攜手達至創新共贏，乃是香港初創企業協會成立的初衷。初創企業在這裡獲得導師指導、工業配對、規模擴展與資金上的支援；工業家則受惠於升級轉型與高新科技，相輔相成。協會透過旗艦活動「初創飛昇計劃」至今培育逾50家初創，成功將其創新意念轉化為高增值、切合市場需要的產品及服務。協會擁憑藉其龐大網絡，舉辦逾900個業務配對、商業指導及培訓環節等活動，同時支持逾二千個初創生態圈活動。2022年，協會與冠名贊助滙豐合辦首屆「香港創新企業家獎」，向大眾表揚本地傑出的初創企業家、創新企業及生態圈促進者。

Mr Jason Chiu
趙子翹先生

In the past 5 years, we have witnessed unprecedented opportunities and challenges. Our startup ecosystem has grown and evolved substantially with Hong Kong being positioned as an International Innovation and Technology (I&T) Hub along with the GBA development in the Country's 14th Five-Year Plan. The Hong Kong Government substantially increases investments in the innovation and technology sector with Hong Kong Science and Technology Park, Cyberport, tertiary institutions, research institutions and various funding schemes. The Government has also promulgated the Hong Kong Innovation and Technology Development Blueprint and Technology Talent Admission Scheme (TechTAS). While the pandemic has disrupted global economy and completely changed how people work and live, we are pleased to see so many startups embracing these opportunities to grow in spectacular ways and become fabric of global innovation.

Lify Wellness from 1st Cohort of STARS Programme exemplified startup industrial partnership with its Chinese and Western herbal health drink and health platform; FreightAmigo seized the growth opportunities to serve millions of masks and medical supplies to Hong Kong and have grown nearly tenfold during the pandemic; RaSpect provides an intelligent platform for preventive maintenance monitoring of buildings and cities, becoming representative Prop Tech AI startup in Greater China; and ESG deep tech startup i2Cool, founded by university scientists, is working on solving the energy crisis; Carewells expands soft meal service for the elderly in Greater China; Hong Kong Street Food brings the frozen traditional egg waffle to the world and promote local culture; an overseas' cohort startup, Xandar Kardian's remote vital sign sensing technology with its ultra-wideband sensor received FDA approval and named Time magazine's Best Inventions 2022. Above are some of the examples and their interviews can be found in the booklet. Alongside the support from industrialists, business partners and mentors, the Hong Kong Startup Council will continue to humbly serve the startup founders, industrialists and ecosystems to reach new heights.

Punch above your weight. Dare to innovate and make an impact that lasts.

過去五年，我們可謂見證前所未有的機遇與挑戰：初創圈的持續發展與進化，香港更於國家的《十四五規劃》中與大灣區共同定位成國際創新科技中心；香港政府對初創業界持續投放發展資源，包括於香港科技園、數碼港及各大專院校投放逾百萬支援初創活動及各類資助計劃，亦頒布《香港創新科技發展藍圖》及優化「科技人才入境計劃」；新冠疫情也完全改寫了人們日常工作與生活的舊有模式。我們樂見一些初創企業能夠擁抱以上機遇好好發揮、成長，甚至在世界舞台上佔一席位。

來自首屆「初創飛昇計劃」的 Lify Wellness 作為中西草本保健飲品及健康平台，成為初創產業夥伴關係的典範；FreightAmigo 在疫情初間以供應鏈平台優勢為香港付運過百萬口罩並錄得逾十倍增長；RaSpect為建築物與城市提供預防性維護監測的智能平台，成為大中華區具代表性的房地產科技AI初創；由駐大學科學團隊創辦的ESG深度科技初創i2Cool正著手解決能源危機；Carewells將老人軟餐服務拓展至大中華區；香港街食將傳統雞蛋仔急凍保鮮，更推出創新口味推廣本地文化；過江龍Xandar Kardian的超寬帶傳感器遠程生命體徵感測技術獲得FDA認證，更名列美國時代雜誌2022年最佳發明。以上例子的相關訪問都已刊載於本冊子。在此，我們衷心感謝各位工業家、商界夥伴及導師的大力支持，香港初創企業協會將會繼續為初創企業、工業家及整個生態圈提供支援，共同發展。

祝願大家繼續超越自我、勇於創新，重塑未來！共勉之。

Messages from the Vice Chairmen

副主席的話



Mr Jimmy Tao
杜偉樑先生

We Hong Kong Startup Council (HKSC) are here to serve and connect your businesses to the world of endless opportunities since the inception.

我們香港初創企業協會 (HKSC) 自成立以來一直致力於為初創企業在邁向成功的道路上提供服務，並將創新意念跟這個充滿無限機遇的世界聯繫起來。



Mr Paul Chu
朱亮之先生

Celebrating our 5th year, the Hong Kong Startup Council has been motivated by the desire to nurture and grow the local startup community and connect them with seasoned industrialists who can assist in executing their ideas. Five years on and 50 startups later, a small part of our goal has been achieved. As inaugural program lead for our landmark Hong Kong Innopreneur Awards, I am delighted to see so many capable and innovative individuals compete; a bellwether of the thriving startup community that we helped grow. With pandemic restrictions easing, we look forward to doing even more throughout the GBA region. Thank you for all the generous support granted to us by FHKI, our sponsors, partner organisations, and the diligent work of our secretariat.

祝賀香港初創企業協會成立五周年！協會一直致力於培育及發展本地的初創生態圈，並將香港年輕創業家與經驗豐富的企業家聯繫起來，助他們實踐創業夢想。五年來協會培育超過五十多間的初創公司，以促進和實現協會的宗旨。作為首屆舉辦「香港創新企業家獎」的項目負責人，我很高興看到這麼多有能力及賦有創新思維的企業家參與比賽，這有助推動初創生態圈穩健發展。隨著疫情有所緩和，我們期待日後於大灣區開展更多的工作。感謝工總、贊助商、夥伴機構對協會的慷慨支持，以及秘書處的支援。



Mr Bryant Chan
陳允誠先生

It has been exciting witnessing the growth of the Hong Kong Startup Council over the past few years. The STARS Programme continues to be the annual highlight event of the Council, and it has been thrilling working with startups and traditional industrialists alike on various themes that are rapidly being developed, or re-developed, in the market. The inaugural Hong Kong Innopreneur Awards in 2022, is also an important milestone for the Council as it serves as a platform for recognising outstanding startup entrepreneurs. I am confident that we will continue to grow and expand in the Hong Kong startup community in the years to come. Happy 5th anniversary to Hong Kong Startup Council!

我很高興見證香港初創企業協會在過去幾年的成長，本會接下來將會繼續舉辦年度的矚目盛事「初創飛昇計劃」，此計劃最令人振奮的是能夠促進初創企業家及傳統工業家共同協作，探討市場上各式迅速發展或嶄新的主題。2022年首屆舉辦的「香港創新企業家獎」同樣是本會重要的里程碑，以表揚優秀初創企業的成就。我有信心在未來幾年香港初創企業的發展將會日益壯大，在此祝賀香港初創企業協會成立五週年快樂！



Mr Mingles Tsoi
蔡明都先生

Hong Kong Startup Council has been bridging the gap between startups and traditional industrial sectors during the pandemic years. I believe the collaborations between startups and industrialists can become the driving force of innovation and sustainable development.

香港初創企業協會在疫情陰霾下努力為初創企業與傳統工業締造一個互動協作的平台，我作為初創企業顧問、教育家、導師及投資者，深信憑著初創的新穎意念與精簡架構，必定能為大企業營造創新的文化及可持續發展的動力。

Milestones of Hong Kong Startup Council

香港初創企業協會精彩回顧



接待來自10個不同國家的初創代表團

Received startup delegation from

10
countries



培育超過50多間入圍星級初創

Accelerated over

50
startups cohorts graduates



超過60多位首席導師

Over

60
mentors



促成超過250場初創企業家與工業家的商業配對洽談

Over

250
business matching sessions between founders and industrialists



舉辦超過900多個初創、青少年及政府相關的活動

Over

900
startup, youth and government activities



全力支持超過2,000多個項目

Over

2,000
supporting events

> 2016

>> 2017

OCT 2016
2016年10月

Establishment of Hong Kong Startup Council
香港初創企業協會正式成立



The FHKI set up the Hong Kong Startup Council in October 2016 with the aim of creating a platform to provide support and nurture startups in Hong Kong, facilitating and fostering collaborations and reinventing Hong Kong industries. Founding Chairman Dr Jack Yeung (fifth left) and Vice Chairman Jason Chiu (third right) announced the STARS Programme at the inauguration ceremony.

工總2016年10月成立香港初創企業協會，旨在建立平台，向初創企業提供培育及支援，鼓勵及促進合作，以及為香港工業注入新動力。創會主席楊傑傑博士（左五）及副主席趙子翹（右三）在成立儀式上公布了「初創飛昇計劃」。

FEB - OCT 2017
2017年2月至10月

The 1st Cohort of STARS Programme – Internet of Things
第一屆「初創飛昇計劃」——物聯網



JUL 2018 –
JAN 2019
2018年7月至
2019年1月

The 2nd Cohort of STARS Programme – Smart Energy and Eco-home with CLP Power Hong Kong Limited as the Programme Collaborator
第二屆「初創飛昇計劃」——智慧能源及環保家居
中華電力有限公司擔任項目贊助



SEP 2018
2018年9月

Opening of INDEX, Sharing and Co-working Space
「工創空間」隆重開幕



The then Chief Secretary for Administration Matthew Cheung (third left) officiated the opening ceremony of “INDEX”, the co-working space jointly established by the FHKI’s Hong Kong Startup Council and Sun Hung Kai Properties Limited. The then FHKI Chairman Jimmy Kwok (first left) and fellow FHKI leadership and members warmly welcome his arrival. The then Secretary for Innovation and Technology Nicholas Yang (second right) also attended the opening ceremony to show his support.

時任政務司司長張建宗（左三）於2018年9月為工總的香港初創企業協會夥拍新鴻基地產發展有限公司成立的共享空間「INDEX工創空間」主持揭幕。時任工總主席郭振華（左一）及一眾工總領導和會員在場歡迎他蒞臨。時任創新及科技局局長楊偉雄（右二）也出席揭幕禮以示支持。

MAR 2019
2019年3月

VIP Visit
政府官員參觀

The then Secretary for Home Affairs Mr Lau Kong-wah, Officials from Kwun Tong District Council and District Office visited INDEX and had a dialogue with startups and youth.

時任民政事務處處長劉江華、觀塘區議會及民政事務處官員到訪「INDEX工創空間」與初創及年青人對話。



Sharing Session cum Kick-off Ceremony for the New Funding Schemes under the Youth Development Fund

「青創 · 同行」工作成果分享會暨青年發展基金全新資助計劃啟動禮



> 2019

APR – NOV 2019
2019年4至11月

Overseas Startup Exchange
海外初創交流

Held a networking event at INDEX with eight hardware and health-tech startups from Austria to have intimate dialogue on funding potential, collaboration synergies and other intriguing topics.

於「INDEX工創空間」舉辦活動，與奧地利八間研發硬件及健康科技的初創深入交流。



Received startups from Austria, France, India, Israel, Italy, Poland, Taiwan and more.

接待了來自奧地利、法國、印度、以色列、意大利、波蘭、台灣等地的初創。



MAY – JUL 2019
2019年5至7月

Connection with the Education Community 積極與教育界聯繫

Held several educational programmes to brief aspiring youths on entrepreneurial journeys and the wonders of startups.

向中小學生介紹了企業家的創業史及初創圈的趣聞軼事。



The Technological and Higher Education Institute of Hong Kong (THEi) hosted a “Product Design Graduation Show” at INDEXX to showcase the strengths of the creative industries.

香港高等教育科技學院於「INDEXX工創空間」舉辦了「產品設計畢業展」，展示本港創意工業的傑出成果。



> 2019

> 2020

AUG 2019 –
May 2020
2019年8月至
2020年5月

The 3rd Cohort of STARS Programme – Toy and Electronics Industries
with HSBC as the Principal Sponsor
第三屆「初創飛昇計劃」——玩具及電子
香港滙豐擔任項目贊助



2019
2019年

Cross Sector Events
跨界別活動



A joint force with Gustav Mahler Orchestra and Dialogue in the Dark HK Foundation, the charity concert was held at INDEX to connect youths, startups, entrepreneurs and minorities for building an inclusive society.

與馬勒樂團及黑暗中對話基金會合作於「INDEX工創空間」舉行慈善音樂會，促進工業家、初創企業、年青人與「多元人士」攜手，共創社會共融。

JUL 2020 –
APR 2021
2020年7月至
2021年4月

The 4th Cohort of STARS Programme – Food Technology
with Citibank as the Strategic Sponsor
第四屆「初創飛昇計劃」—— 食品科技
花旗集團擔任策略贊助



MAR 2021
2021年3月

Bulk up Local Industrial Talent Pool 擴大本地工業人才庫

FHKI became the strategic partner of the three-year “HK Tech 300” programme of the CityU. HKSC took part in the startup vetting panel to groom tech startups into impactful ventures for our future economy.

工總擔任了香港城市大學為期三年的「HK Tech 300」創業計劃的策略夥伴，轄下的香港初創企業協會派出代表參與初創的遴選工作，以助科初創茁壯成長，成為未來的經濟動力。



APR 2021 –
OCT 2021
2021年4月至10月

Cultivating Young Industrialists 扶植初創



HKSC is an active player in the local startup community. There are a lot of joint activities, including the roundtable discussion of StartmeupHK Ecosystem Summit in May 2021, the “Enterprise Connect: Solution Day” co-organised with HKTDC in June 2021 for startups to present their ideas and connect with the business communities, and the meeting with the startup community leaders in October 2021 upon the invitation by the Commerce and Economic Development Bureau.

香港初創企業協會參與多個本地初創界活動，包括在2021年5月出席StartmeupHK初創生態峰會圓桌會議、6月與香港貿發局合辦「創企『闖』企：方案日」讓初創企業展示創意和與商界交流、10月獲商務及經濟發展局邀請與一眾初創生態圈領袖會面等。

JUL – OCT 2022
2022年7至10月

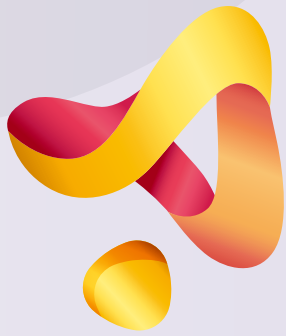
The 5th Cohort of STARS Programme – PropTech + ESG
with Citibank as the Strategic Sponsor
第五屆「初創飛昇計劃」——房地產科技 + ESG
花旗集團擔任策略贊助



Apr 2022 –
Feb 2023
2022年4月至
2023年2月

First Launched the Hong Kong Innopreneur Awards
with HSBC as the Title Sponsor
創立首屆香港創新企業家獎
香港滙豐擔任冠名贊助





香港創新企業家獎 HONG KONG INNOPRENEUR AWARDS



Best
Innopreneur
AWARD
香港創新企業家
年度大獎



High Flyer
Innopreneur
AWARD
香港創新企業家獎
飛躍成就獎



Excellence in
Research
Application
AWARD
香港創新企業家獎
科研應用獎



GBA+
AWARD
香港創新企業家獎
大灣區+獎



ESG
AWARD
香港創新企業家獎
傑出ESG獎



Corporate
Innopreneur
AWARD
香港創新企業家獎
企業創新獎



Ecosystem
Catalyst
AWARD
香港創新企業家獎
生態圈促進獎



Most Popular
Innopreneur
AWARD
香港創新企業家獎
最受歡迎獎

About STARS Programme

關於「初創飛昇計劃」



STARS Programme is a mentorship and partnership-centric programme on a zero-equity basis. Participating startups will receive a broad range of support covering mentorship, business and investor matchings, proof-of-concept trials, upskilling workshops, networking opportunities and market exposure, empowering their capabilities and growths on multiple fronts.

Synergies 協同效應

Business and Investor Matchings

Fully backed by Federation of Hong Kong Industries, the only statutory chamber composed of thousands of members across 32 industry groups, the STARS Programme brings in a stream of one-on-one consultations, matchmaking sessions, networking activities and co-creation opportunities. Not only can startups connect with the right partners to fast-track product commercialisation cycles, enterprises can also explore value-added innovations and high-yielding investment that future-proof their businesses.

Training 培訓指導

Star-studded Mentors

Our board of mentors is made up of active players in the startup ecosystem, geared up with extensive experience and profound insights. Our mentors boast solid track records of business success, possessed of enormous passion to empower startups with practical guidance covering idea conceptualisation, business planning, product development, commercial validation, go-to-market strategies and fundraising plans.

Capacity Building

Participating startups can solidify their business fundamentals through workshops hosted by domain experts, significantly advancing their capacities on various frontiers.

「初創飛昇計劃」以培訓指導及業務配對為重點，入選初創可接受一系列創業支援，涵蓋商務指導、業務及投資者配對、產品測試、專業培訓、市場推廣等，旨在為處於起步及穩健成長階段的初創企業提供多方位支援。

業務及投資者配對

香港工業總會轄下32個工業分組共計逾千會員企業，涵蓋各行各業，有利初創開拓商機。計劃為初創安排一對一業務指導、商業配對、商務聯誼等活動，連繫初創與工業家。初創可藉此尋覓協作夥伴，加快產品商品化進程；工業家亦可藉此物色創新的高增值方案，解決傳統工業的痛點。

星級導師指導

計劃安排初創生態園內舉足輕重的持份者，如資深投資者、企業家等擔任導師，運用其專業知識及獨到的商業觸覺，由產品開發、商務規劃、產品設計、市場測試、營銷策略以至募集注資等，一站式支援初創企業成長。

培訓工作坊

入選初創透過工作坊鞏固業務能力，協助他們培養敏銳的商業思維。

Acceleration

加速成長 **Zero-equity Accelerator**

With zero financial obligations to the STARS Programme, participating startups can receive a bevy of perks encompassing guidance from strategic advisors, educational resources, a vast network of industrialists, corporates, investors and a broader startup community.

Proof-of-concept Trials and Pilot Schemes

Hong Kong Startup Council serves as a facilitator to encourage corporates to sample trailblazing innovations and leading-edge solutions, with a view to leapfrogging the adoption of innovative technology across traditional and emerging industries. Throughout the Programme, participating startups are given many opportunities to take part in various proof-of-concept trials and pilot schemes, in active pursuit of the best product market-fits, target markets and commercial validations.

Relations

拓展網絡 **Demo Day**

Startups would stage a row of innovative, value-added products/solutions at Demo Day, the conclusion of STARS Programme. Journalists, technopreneurs, industrialists, investors and luminous executives would be invited to commemorate their graduation. Aside from product showcases, plenary sharing, pitching sessions and networking events at Demo Day enable startups to share ground-breaking ideas and discuss the room for collaboration with like-minded professionals.

Spotlight

市場推廣 **Media Exposure**

Stage your innovation in the spotlight. Hong Kong Startup Council actively engages our STARS in various showcases, plenary sessions and networking activities to spark awareness and increase their brand exposure. The Council champions entrepreneur extraordinaires and disruptive innovations. We've built solid rapport with leading media outlets to help our startups grow publicity and attract more businesses, partners and investors. Let your venture story be well-pictured and written, and be one-of-a-kind.

初創加速器

入選初創可獲一系列商務支援，星級導師會以一對一會面形式指導初創，協助初創與工業家進行業務配對，加快初創產品研發周期及商品化進程。協會與入選初創之間並沒有股權關係（Zero-equity）。

產品測試及市場驗證

香港初創企業協會積極鼓勵企業試用創新產品及服務，以推動業內科技發展及突破。計劃安排初創進行產品測試及市場驗證，協助其鎖定目標市場及客戶。

展示日

作為計劃的壓軸活動，展示日是初創向投資者、企業家、傳媒，以及大眾展示豐碩成果的舞台。除了產品展示外，初創亦可透過當天活動拓展商業網絡，有助日後開拓業務。

傳媒報道

在香港初創企業協會的推動下，入選初創有機會參與本地及海外多個大型展覽會、研討會、商務活動等，提高品牌知名度。入選初創的創業故事及品牌理念亦有機會獲傳媒報道，進一步增加品牌曝光率。

Cohort 1

第一屆



Internet of Things 物聯網





STARS Pitch was held at HKTDC Entrepreneur Day. Seven startups under the first cohort of STARS Programme were invited to pitch their products, services and business models. Kuaiwear Limited was the standout in the event and named the “Most Disruptive STAR”, while Bonnect (HK) Limited and The Contact Store Limited won the “Rising STAR” awards.

七間初創企業於香港貿發局創業日進行STARS Pitch活動，介紹其創新產品、服務及商業模式。活動中Kuaiwear Limited勇奪「Most Disruptive STAR」獎項，而 Bonnect (HK) Limited and The Contact Store Limited 則奪得「Rising STAR」獎項。

STARS finalists 入圍初創：



Lify[®] wellness



Lify Company Limited

‘Lify’ stands for ‘live healthy, be happy’. Founded in 2018, Lify Wellness, an award-winning Hong Kong wellness technology startup, was co-created by two Hong Kong sisters, Connie and Mazing Lee who have years of experience in design and innovation disciplines. They most recently won the Gold Award of the HKICT Smart Living Award 2020 and German Design Awards 2020. Their goal was to increase awareness around balanced living and use their newly launched beverages to make a healthier lifestyle more accessible. Through their personal experiences, the founders aim to share their motivations for building Lify Wellness to provide a daily dose of wellness as a delicious alternative, keeping customers centred and balanced.

With previous strong collaborations such as the recent Mercedes BAM A.I. Wellness Herbal Tea Tasting Workshop, Global Wellness Day at Mandarin Oriental Landmark’s Orient Spa and Jardine Group’s Mental Wellness event, Lify is making a mark in the global wellness industry and is energising the lives of many.

Lify的品牌名字代表著“Live healthy, be happy”。由兩位來自香港、在設計和創新領域擁有多年經驗的姊妹檔李港慧Connie和李明心Mazing共同創立的Lify Wellness成立於2018年，是一家屢獲殊榮的香港健康科技初創公司，最近更榮獲2020香港資訊及通訊科技獎：智慧生活獎的金獎及2020年德國設計獎。品牌的理念旨在提高人們對身心健康生活的認知，並希望透過新推出的健康飲品為都市人提供簡便的養生方式。兩位創辦人更熱切期待憑藉她們的個人經驗，與更多人分享創立Lify Wellness的動機——提供每日所需健康元素的美味飲品，讓客戶時刻以照顧自己為重心，身心靈保持和諧與平衡。

Lify積極與外界及業界緊密合作，例如：Mercedes BAM人工智能養生茶體驗工作坊、置地文華東方酒店Global Wellness Day和怡和集團公司總部的“Wellness from Within”心理健康工作坊等。Lify正在全球健康行業中嶄露頭角，並持續為大眾的生活注入更多活力。



Lify Wellness makes history: First intelligent wellness platform for busy urbanites

People are more concerned about their health during the COVID-19 pandemic, especially the busy urbanites. However, there were no commercially available products for people with easy and actionable ways to maintain health and wellness. Thus, the team at Lify Company Limited launched the first smart health platform in Hong Kong - "Lify Wellness" providing users with exclusive Chinese and Western herbal health drink suggestions based on their health conditions and enjoying healthy and quality wellness products in a short period of time.

Lify (formerly known as The Contact Store) mainly provides services for different companies to carry out product research and design. Drawing on past working experience, the team committed to developing patented tea cakes and extraction technique based on the characteristics of natural herbal materials, which allows complete retention of herbal nutrients. It only takes around 40 seconds to brew a fresh and high quality herbal drink. The company has successfully expanded its business from industrial design to retail market and established its wellness brand by helping urbanites to make health care in a convenient and easy way, while integrate it into the rapid rhythm of urban life. Inspired and supported by mentors in the "STARS Programme", the team has further expanded its business and opened a showroom in Central, while plans to enter Southeast Asia Market in near future.

首創智能養生平台 打造速食健康文化

疫情的爆發，改寫人類的生活，令更多人關注健康需要；然而，市面上未有針對都市人繁忙生活的簡易養生方案。有見及此，Lify Company Limited的團隊創辦Lify Wellness——本港首個智能養生平台。根據用戶的身體狀況，為他們提供專屬的中西草本養生飲品建議，短時間內享有健康又有質素的養身產品。

Lify前身為The Contact Store Limited，主要為不同公司進行產品科研及設計。團隊借鑑以前的工作經驗，針對天然草本材料的特性，致力研發專利茶餅及萃取技術，讓原材料養分得以完全保留，僅需40秒左右，就可以「泡」製出高質素的草本飲料。讓都市人將養生變成方便快捷的事，並融入都市生活的急速節奏；成功將業務由工業設計擴展至零售市場，並建立屬於自己的養生品牌。團隊在「初創飛昇計劃」裡得到導師的啟發及支持，業務進一步拓展，現於中環開設陳列室，亦計劃進入東南亞市場。



Mr Jason Chiu 趙子翹先生

Chairman, Hong Kong Startup Council 香港初創企業協會主席

“

Mazing Lee and Connie Lee, the co-founders of Lify Wellness, are female entrepreneurs looking at products & services from the female perspective which is a minority in the startup world. Lify Wellness is ESG focused on biodegradable materials & a leader in the trend of wellness as a daily lifestyle. They are quick to formulate and provide new products to a fast-changing world, e.g. COVID relief pack. They also possess strong industrial design capability which results in multiple renown product design awards on their device and application. Wellness is a non-stoppable trend and I wish Lify Wellness success.

Lify Wellness的共同創辦人Mazing Lee和Connie Lee是女性企業家，她們從女性的角度看待產品和服務，這在初創企業中較為少數的。Lify Wellness專注於ESG，採用可生物降解材料，引領健康生活方式的潮流。他們可以快速制定新產品並為瞬息萬變的世界提供新產品，例如舒緩長新冠症狀套裝。他們還擁有強大的工業設計能力，促使他們的產品和應用程式都獲得了多項知名產品設計獎。關注健康是一種不可阻擋的趨勢，我祝願Lify Wellness成功。

Dr Jack Yeung 楊傑傑博士

Honorary President, Hong Kong Startup Council 香港初創企業協會名譽會長



”

“

Lify Company Limited is an innovative wellness technology company that combines herbal wisdom from the east and west with technology to provide creative and healthy beverage solutions. It is impressive to see two entrepreneurial women developing user-centered daily wellness products by combining design, innovation, and technology with their global vision for new needs for a healthy lifestyle. I am proud to witness Lify Wellness has been recognised with many international awards.

Lify Company Limited 是一間創新健康生活科技的公司，採合了中西方草本智慧的健康科技平台，為市場提供各款創新健康飲品方案。很高興看見兩位年輕的女創業家運用了她們在設計方面的經驗，以及對健康生活需求的國際視野，研發一系列結合了設計、創新和科技三個元素並以家為中心的日常健康生活產品，並樂見Lify Wellness能獲得多個國際性的獎項，得到廣大市場的認可。

”

Cohort 2

第二屆



Smart Energy and Eco-home 智慧能源及環保家居

A large, stylized 3D graphic of the word 'STARS' in the center. The letters are rendered in a vibrant, multi-colored gradient (yellow, orange, red, pink, blue). The letters are arranged in a slightly curved, perspective view, giving them a three-dimensional appearance. The background behind the letters is a dark blue with a pattern of small, light-colored dots and a white circular outline.

Programme Collaborator 項目贊助





Partnered with CLP Power to launch the second cohort of the “STARS Programme”. The theme was smart energy and eco-home and 12 outstanding startups from Hong Kong, South Korea, Sweden and the US were selected as the “STARS”. After a six-month mentorship programme with design, manufacturing and marketing support, some of the “STARS” launched their products to the market for the pilot trial. At the “Jumpstarter” event organised by the Alibaba Entrepreneurs Fund, the “STARS” showcased their products.

With more than 150 attendees, a record-high investment interest of over HK\$26 million was raised for our STARS at the Demo Day.

Startup A-SA with air purification technology won “The Best Jumpstarter” and “The Most Favourite Jumpstarter”.

第二屆「初創飛昇計劃」獲中華電力有限公司出任協作夥伴，以智慧能源和環保家居為主題，來自香港、南韓、瑞典和美國共12家初創企業入選。經過為期六個月的導師指導，部分初創企業已把產品投入市場作先導測試或試行。這些初創企業更於阿里巴巴創業者基金舉行的「Jumpstarter」創業盛典展示其項目。

展示日當天共有超過150位業界人士參加，我們的星級初創更吸納超過2600萬港元的投資意向。

採用空氣淨化技術的星級最受歡迎初創公司A-SA贏得了“最佳Jumpstarter大獎”及“最受歡迎Jumpstarter大獎”。

STARS finalists 入圍初創：

a-sa
air & science

ambiclimatē

Achiever
Digital Transformation. Empowered.

AURABEAT
Innovations backed by Science



enVerid
Energy savings. Air quality.

fntp

GREEN SAFETY

LumenCache

oneCHARGE

KUJU
by Tronico

XANDAR KARDIAN



X A N D A R K A R D I A N



Xandar Kardian

Xandar Kardian is a venture-backed start-up focused on utilising radar technology for real-tech and healthcare applications. For real-tech, the radar sensors can be placed anywhere over any built-environment to provide real-time building occupancy and intelligence. This data can empower the most efficient automation of lighting and HVAC (heating, ventilation, and air conditioning) to provide maximum savings for building energy consumption.

Several strategic pilots were initiated in 2022, which led to dozens of clinical validations for the application. In certain cases, the sensors were able to alert healthcare professionals of a confirmed health deterioration 2-4 days in advance of any onset of symptoms. For example, COVID-19 was detected 3 days prior to the patient experiencing any symptom of fever, coughing or breathing issues. Several CHF (cardiac heart failures) and even UTI (urinary tract infection) were treated early due to our ability to flag potential deterioration days in advance. The company is now gearing up for mass-scale deployment in 2023 and is already looking at international markets with pilots and partnerships being formed in Singapore, Hong Kong, South Korea, Thailand and Australia.

Xandar Kardian 是一家創投初創企業，主要利用雷達技術應用於房地產和智能醫療保健的領域上。雷達傳感器可以放置在任何建築環境，以提供實時的佔用情況和智能分析。這些數據可以實現最高效的自動化照明和暖通空調，從而最大程度地節省建築耗能。

當涉及到醫療保健應用時，雷達傳感器能夠在任何症狀出現前二至四天提醒專業醫護人員有關病人確診的疾病。例如，在患者出現任何發燒、咳嗽或呼吸問題的症狀前三天，雷達傳感器就可以檢測到新型冠狀病毒（COVID-19），令一些患有心臟衰竭（CHF）甚至泌尿道感染（UTI）的病人能獲得即時治療。

Xandar Kardian在2022年啟動了幾項戰略試點，為該應用帶來了數十項臨床驗證。現正準備於2023年展開大規模的發展，進軍多個國家的市場，計劃於新加坡、香港、韓國、泰國和澳洲作為試點，積極開拓合作夥伴關係。



Radar technology startup named TIME's List of the Best Inventions of 2022

Xandar Kardian is a rapidly-growing company formed in 2017 and based in Toronto, Canada. They have developed contactless health monitoring solutions by using UWB radar technology for presence detection and motion monitoring. Its XK300 Autonomous Health Monitoring Solution -- the world's first commercially available, contact-free, continuous VSM (vital sign monitoring) system that is FDA 510(k) cleared as a class II medical device to measure respiration rate, heart rate, motion and presence. It gained recognition in the Medical Care field and was named as TIME's annual list of Best Inventions for 2022.

Xandar Kardian has partnerships with several multinational corporations, with offices in Seoul, South Korea, Toronto, Canada and Chicago, USA. Many smart buildings have also benefited from their technology, providing commercial and healthcare facilities with reliable real-time occupancy measurements. It also allowed more effective energy optimisation versus antiquated PIR (passive infrared) motion sensor systems. Apart from TIME's Best Inventions list for 2022, they were one of the Fast Company's Most Innovative Companies in 2021, shortly after receiving FDA 510(k) Clearance for its XK300 in April 2021. They are grateful to "STARS Programme" for helping them obtain seed funding from key angel investors from Hong Kong in ensuring success at the early stage of the company.



Dr Jack Yeung 楊傑傑博士

Honorary President, Hong Kong Startup Council
香港初創企業協會名譽會長

Xandar Kardian is one of a few international teams joining the STARS Programme of Hong Kong Startup Council. It is a very good example to Hong Kong for commercialising R&D from universities. Congratulations to Xandar Kardian on receiving FDA Class II medical device approval for hospital use applying radar technology. I can foresee a very bright future with Xandar Kardian.

Xandar Kardian 是少數參加香港初創企業協會「初創飛昇計劃」的國際團隊。他們是把大學研發成果商業化的一個很成功的例子。恭喜Xandar Kardian 的醫療用雷達技術獲得 FDA Class II 醫療器械批准。祝願Xandar Kardian一個更好的未來。



Prof Daniel M. Cheng 鄭文聰教授

Cohort Lead, 2nd STARS Programme & Advisory Committee, Hong Kong Startup Council
香港初創企業協會顧問委員會及第二屆「初創飛昇計劃」首席領導

I am Prof Daniel M. Cheng, Honorary President of FHKI. I was one of the initiators of STARS Programme in 2016 and was the mentor of Xandar Kardian in 2018. Xandar Kardian developed IR-UWB radar and Radar Based Smart Building / Security Solutions which were impressive. Showing how technology can impact people's health and safeguard our homes. I wish Xandar Kardian will continue to bring more innovative technologies to people's life and Hong Kong Startup Council's STARS Programme will continue its mission to connect startups with the right partners to fast-track product commercialisation cycles and explore more value-added innovations.

我是香港工業總會名譽會長鄭文聰教授，是2016年「初創飛昇計劃」其中之一發起人。於2018年，我為第二屆計劃中Xandar Kardian 的顧問導師。Xandar Kardian開發了IR-UWB雷達、雷達智能建築和安全解決方案給我留下了深刻的印象，他們的產品能夠展示科技與人們的健康息息相關，亦能守衛我們的家園。我希望Xandar Kardian 能繼續為人們的未來生活帶來更多創新科技，而此計劃將繼續其使命，撮合更多初創公司與合適的合作夥伴，加速產品商業化進程及探索更多創新思維。

智能醫療初創公司入選 《時代》週刊 2022年最佳發明

成立於2017年、總部位於加拿大多倫多的Xandar Kardian是一間極速增成的初創公司。他們成功開發一項智能醫療技術，透過非接觸式脈衝無線電超寬頻雷達，收集微震動模式識別結果，毋須使用穿戴裝置，亦可達至健康監測。其XK300自動健康監測是世上首個商業用的非接觸式、連續生命監測系統。系統獲得美國食品藥物管理局（FDA）認可，認證為第二類醫療設備510（k），可偵測呼吸、心跳、移動及存在等狀況，並在醫療界獲得肯定，更被列入《時代》週刊2022年最佳發明。

Xandar Kardian與多個跨國公司建立合作關係，在韓國首爾、加拿大多倫多和美國芝加哥均設有辦公室。他們的技術亦令很多智慧樓宇受惠，無線電超寬頻雷達技術為不少商業及醫療機構提供即時及可靠的偵測數據，對比以前的被動紅外線（PIR）感測器，Xandar Kardian 的技術可有效優化能源及系統。除了入選《時代》週刊 2022 年最佳發明外，他們在 2021 年亦獲得《快公司》（Fast Company）選為最具創新性的公司之一。他們非常感謝「初創飛昇計劃」幫助，令其公司成功獲得香港主要天使投資者的資金支持，在成立初期得以成功進行相關技術研發。

Cohort 3

第三屆



Toy and Electronics Industries 玩具及電子






Principal Sponsor 項目贊助





Sponsored by HSBC, the 3rd STARS Programme featured innovative solutions in the toy and electronics industries, followed by Vetting Day, Matching Day and designated mentoring sessions. The finale event Demo Fest showcasing trailblazing business ideas was launched virtually for the first time, appealing to 40,000 visitors over 2 weeks.

由匯豐贊助的第三屆「初創飛昇計劃」以玩具及電子業為主題，經歷約半年推展，包括評審日、配對日、商務指導等。壓軸活動 Demo Fest 首度移師網上舉行，透過虛擬展覽向公眾介紹一眾初創的創新方案，兩星期內吸引逾四萬人次瀏覽。

	訪客 Visitors	● 40,704
	瀏覽量 Pageviews	● 51,617
	總票數 Total votes	● 63,908

STARS finalists 入圍初創：



FreightAmigo



FreightAmigo Services Limited

FreightAmigo is a full-service, one-stop digital supply chain finance platform that helps organisations, enterprises and individuals transform and redefine the way they experience logistics, while fostering a unique TradeTech ecosystem. Recognised as a “first mover” and industry pioneer in Asia-Pacific, FreightAmigo combines artificial intelligence, big data, FreightTech, FinTech, InsurTech and GreenTech together on one platform to accelerate logistics, information, and cash flow, ensuring a hassle-free and enjoyable logistics experience. Today, the platform has a regional presence in Hong Kong, mainland China and Singapore, with more to come in the future as the group continues to expand its footprint and ecosystem globally, creating a new path for businesses and individuals to grow and ship.

FreightAmigo 為提供全方位服務的一站式國際供應鏈金融平台，致力革新並重新定義個人及企業客戶的物流體驗，同時促進貿易科技（TradeTech）生態系統的發展。作為亞太地區物流業的數碼先驅，FreightAmigo 平台融合人工智能、大數據、物流科技（FreightTech）、金融科技（FinTech）、保險科技（InsurTech），以及綠色科技（GreenTech），加快整個物流、資訊及現金流的過程，為客戶提供流暢及方便快捷的物流體驗。目前，FreightAmigo 在香港、中國內地及新加坡設有辦事處，並將在未來繼續擴展其業務足跡及生態系統，向全球更多地區的企業及個人客戶創造新的物流貿易方式。



FreightTech + FinTech

Trade Financing Solution

Cargo & Export
Credit Insurance

Dynamic Logistics
Data with AI routing



Express



Air Freight



Sea Freight



Rail Freight



Truck



FinTech



InsurTech

Logistics Dash-board



Smart logistics management set to revolutionise global trade

The pandemic has disrupted logistical supply chains around the world. Even we are in the post-pandemic era, the global economy and trade are facing the political and economic challenges. Ivy Tse, the founder of FreightAmigo, believes that there was a need for developing smart logistics management. She has overcome immense difficulties before launching FreightAmigo in 2017 which provides a one-stop supply chain to drive smart logistics management. Her achievement was recognised and received the Golden Bauhinia Women Entrepreneur Award 2022 for innovation and technology.

In five years since its establishment, FreightAmigo has rapidly expanded to a team of more than 50 people, with local and overseas offices, over 40,000 registered users worldwide connecting more than 300 logistics service providers around the world. They have achieved remarkable business growth of over 250% from 2021 to 2022! Ivy says the key to success is to trust the team and treat customers like friends, so that customers trust the services of FreightAmigo as if they were friends. Just as she believed in the professional startup support and business guidance of the “STARS Programme” that helped her expand network and take her business to the next level.

智能物流管理 革新環球貿易

世紀疫症全球大流行，中斷世界各地的物流供應鏈，即使進入後疫情時代，但政治及經濟等因素影響，環球經貿仍面臨重大挑戰。FreightAmigo 創辦人 Ivy Tse 卻看準機遇，研究及實現智能物流管理，跨越重重挑戰，成功在 2017 年開創 FreightAmigo，提供一站式供應鏈金融平台，推動智能物流管理，並於 2022 年榮獲「金紫荊女企業家獎 2022」創新科技獎。

創業短短 5 年間，FreightAmigo 的團隊已擴充超過 50 人，並設有本地和海外辦公室，全球擁有逾 4 萬位註冊登記用戶，並連接全球 3 百多家物流服務供應商。於 2021 至 2022 年度更錄得超過 250% 業務增長，成績斐然! Ivy 指成功的關鍵是信任團隊及待客如友，讓客戶如信任朋友般信賴 FreightAmigo 的服務，就如當初她信賴「初創飛昇計劃」的初創支援及商務指導，成功拓展其人際網絡，讓業務更上一層樓。



Dr Toa Charm 湛家揚博士

Chief Mentor, Hong Kong Startup Council 香港初創企業協會首席導師

“

Ivy from FreightAmigo is one of the most energetic startup entrepreneur I came across during Cohort 3. They offer innovative logistic solutions which were especially useful during times when logistic arrangements were difficult, and costs were high. Despite the challenges that all startups faced during the pandemic, FreightAmigo was always ready and keen to connect. I am excited to continue to witness the growth and expansion of FreightAmigo since their participation in the Hong Kong Startup Council STARS Programme.

來自FreightAmigo的Ivy是最有活力的初創企業家之一。他們提供創新的物流解決方案，在物流安排困難且成本高昂的時期特別有用。儘管所有初創企業在全球疫情期間都面臨挑戰，但FreightAmigo已做好準備並渴望建立聯繫。我很高興繼續見證FreightAmigo自與香港初創企業初創飛昇計劃以來的成長和擴張。

Mr Bryant Chan 陳允誠先生

Cohort Lead, 3rd STARS Programme & Vice Chairman, Hong Kong Startup Council

香港初創企業協會副主席及 第三屆「初創飛昇計劃」首席領導



“

Our STARS Programme provides a practical platform to connect the participating startups with relevant industrialists. In the capacity of Chief Mentor of the Cohort 3 of the STARS Programme, together with other experienced mentors, we were grateful to see that the participating startups, such as, FreightAmigo, have further improved their business models, use of emerging technologies and go-to-market strategies through taking part of the STARS journey. We look forward to empowering more startups in the upcoming cohorts.

我們的「初創飛昇計劃」提供了一個實用的平台，將參與的初創企業與相關工業家聯繫起來。作為計劃第三屆的首席導師，我與其他經驗豐富的導師一起，很高興看到參與的初創企業，如 FreightAmigo，通過參與 STARS 之旅，進一步改善了他們的商業模式、新興科技的使用和進入市場策略。我們期待在未來的「初創飛昇計劃」中，助力更多初創企業。

RaSpect



RaSpect Intelligence Inspection Limited 維視拍智能檢測有限公司

RaSpect is a deep tech company with predictive AI technology for sustainability. RaSpect works at the intersection of deep technology, robotics, and drone data to transform smart city solutions. The company builds game-changing technology for robust city management. The solution dramatically increases the safety and reliability of built infrastructure and boosts the efficiency of performance monitoring with lower costs. The technology has been well-proven with numerous endorsements from reputable landmark property owners in Hong Kong. Whether it's facade inspection, building services engineering, or city infrastructure maintenance, we make complex challenges simple with actionable data insights. RaSpect's industry-leading platforms and services bridge the sustainability data gap at scale to build resilience for cities.

RaSpect 是一家為可持續發展提供預警分析的人工智慧科技公司。RaSpect 結合深科技、機器人技術和無人機數據，以構建智慧城市提供全方位解決方案。公司為優質的城市管理提供革命性技術。公司提供的解決方案能夠提高基礎設施建設的安全性和可靠性，並以較低的成本提高性能監測的效率。公司的應用方案獲得多家香港知名的房地產公司和政府肯定。無論是外牆檢查、建築服務工程還是城市基礎設施保養，我們都能通過可操作數據的洞察能力，讓複雜的流程變得簡單。RaSpect 可補合在可持續發展中數據差異的痛點，協助建設更美好的城市。

Artificial Intelligence for Building Safety

50%
Cost-Effective

50%
Time Reduced

Facade Inspection



Data Collection Data Analysis Auto Reporting 3D with BIM & GIS

Remote Photo Control (the CEO's Advanced Flying Qualification)

High Image Position Accuracy (AI assisted online localization on the video-based transmission)

AI defects model specific for external wall and facade inspection (high efficiency defect track)

Integration of BIM to 3D model with mixed reality technology (remote guidance in two location-AR system)



Inspectica™

is an online platform for facade inspection management to assist you in every stage from storing, organising, editing and reporting data of an inspection project anytime, anywhere.

RaSpect

To provide the most comprehensive platform, using advanced AI and robotics, to ensure the safety of buildings and core infrastructure.



Smart Building Monitoring System

- Predictive Monitoring
- All-in-one Platform
- Schematize Data
- More Cost-effective



Intelligent platform breaks new ground for higher level of properties safety

The growing maturity of artificial intelligence (AI) has been upgrading and transforming many industries around the world. RaSpect, an AI safety inspection data analytics company established in 2017, uses drones with AI to carry out buildings and infrastructure inspections, combined with big data analysis to greatly enhance the efficiency and accuracy of building inspections.

RaSpect is an AI deep tech company that offers smart city solutions, it mainly offers AI inspection and monitoring services for property owners, property management companies, government and engineering agencies. Its services cover Hong Kong, Shanghai, Singapore, Europe, America and the Greater Bay Area which includes local developers and government. They launched the service in 2019 and recorded a threefold increase in turnover every year, with a sales performance of over \$10 million in 2022. Harris Sun, the founder of RaSpect, expressed his gratitude to "STARS Programme" providing a networking platform for aspiring entrepreneurs to showcase their innovative work and designs, facilitate the networking of startups with different sectors to increase their brand exposure, and help startups grow and expand their businesses.

打破傳統建築檢測業 人工智能技術創造嶄新產業價值

人工智能發展日漸成熟，帶領全球多個行業升級及轉型，不少人善用有關技術，並應用在不同行業。人工智能安全檢測數據分析公司維視拍（RaSpect）於2017年成立，以無人機配合人工智能，進行建築結構檢測，加上大數據的分析，大大提升建築物檢測的效率和準確性。

RaSpect 是一間提供智慧城市解決方案的人工智能科技公司，主要業務為人工智能建築預警檢測。公司的服務現已經覆蓋香港、上海、新加坡、歐美及大灣區。客戶包括當地的發展商、政府、物業管理和工程機構等。服務於2019年推出市場，營業額每年均錄得3倍增長，2022年的業績更超過1千萬。公司創辦人辛子雋（Harris）感謝「初創飛昇計劃」為有志創業者提供一個交流平台，可展示創新項目和設計，增加品牌曝光度，促進初創企業與不同界別的聯繫，協助新成立的企業成長和擴展業務。



Mr Bryant Chan 陳允誠先生

Cohort Lead, 3rd STARS Programme & Vice Chairman, Hong Kong Startup Council
香港初創企業協會副主席及 第三屆「初創飛昇計劃」首席領導

RaSpect Intelligence Inspection provided the technology that transformed the way factories inspect and maintain their operational site in an efficient manner. Not only did the technology make it easier for factory operators to perform relevant building inspections, but it also did it in a much more cost efficient manner. Working with RaSpect was also the perfect integration of connecting traditional industrialists with new technology to enhance operating efficiencies. Since their participation in Cohort 3 of the STARS Programme, I am happy to see the technology from RaSpect to be continually adopted in different applications.

RaSpect Intelligence Inspection提供的技術改變了工廠以高效檢查和維護其營運場所的方式。技術使操作員容易執行建築檢查，更以具成本效益的方式進行。與 RaSpect 合作也將傳統企業家與新技術完美結合，以提高營運效率。自他們參與以來，我很高興看到 RaSpect 的技術不斷被不同的應用所採用。



Mr Terrence Hui 許文俊先生

Cohort Vice Lead, 3rd STARS Programme & Executive Committee, Hong Kong Startup Council
香港初創企業協會執委及 第三屆「初創飛昇計劃」副領導

Drones are not just for photos and videos. I was impressed by RaSpect's one-stop easy-access platform digitalises building conditions using data. As a startup, they solved the pain points of the asset management industry in a cost-effective way.

當大部份人都以為無人機只作視頻拍攝或拍照時，那一刻 RaSpect 已經提出透過無人機結合人工智能技術為不同樓宇進行外牆檢測及監察的方案，他們真正能夠有效地解決香港數以千計、萬計高樓大廈高成本檢測的痛點，以更快捷、更有效率的方式提高服務質素。

Cohort 4

第四屆



Food Tech 食品科技



Strategic Sponsor 策略贊助





Under the theme of “Unleashing the Power of Food Technology” sponsored by Citibank Hong Kong, 11 local startups were selected for the 4th STARS Programme to receive mentorship from industrialists across food, environmental and advanced manufacturing verticals. Throughout the period, the participating startups have strengthened their industrial capability by exchanging knowledge on product development, manufacturing and marketing with experienced industrialists, as well as making continuous enhancement to their products prototypes. Through online and onsite voting on Demo Day, Pharmacy HK Limited and Carewells Limited won “The Most Popular STARS” and “Investors Choice STARS” awards respectively.

第四屆「初創飛昇計劃」由花旗集團贊助，以「激發食品科技潛能」為主題，挑選了十一間本地初創企業，與來自食品、環保及先進製造產業的工業家進行友導配對，汲取資深工業家的產品開發、建立生產線、市場營銷等經驗，持續試驗及改良產品原型。於「展示日」當天經網上及現場投票，水耕細作和華瓏有限公司分別奪得是屆計劃的「最受歡迎初創大獎」及「投資者之選初創大獎」。

STARS finalists 入圍初創：

avant



FARMACY



Soonlution 思路迅



Carewells Limited 華瓏有限公司

With the aging of China's population, the elderly's demand for products that can solve practical problems intensifies, and aging products will usher in a large-scale outbreak. Senior Deli is committed to solving healthy and safe diets for people with swallowing disorders. Food engineering and products for dysphagia for the elderly combine clinical medical research, R&D of biochemical technology, and building a brand of patented technology products based on the top international scientific research team.

The products are already necessities abroad, and some products are unique in the country. Through independent research and development based on genetic recombination optimised enzyme technology and vacuum impregnation technology and technologies such as ultrasonic-assisted enzymes, thickener composition preparation, and food preparation of food cold plastic powder have reached an advanced level, and have lower cost and more convenient preparation, etc. The food softening treatment method can retain about 90% of the vitamins and 70% of the dietary fiber of vegetables, and 95% of the protein of meat on the basis of softening the food to only half the original hardness. It provides a safe, healthy, and nutritious dining experience for customers in nursing homes, rehabilitation hospitals, home care chemotherapy and radiotherapy.

隨著香港以及中國內地老齡化加劇，老年人對於能解決切實問題的產品需求加劇，老齡產品將會迎來大規模的爆發。Senior Deli（吞嚥易）致力解決吞嚥障礙人群的健康、安全飲食。老年人吞嚥障礙食品工程和產品結合了臨床醫學研究，研發生物化學技術，基於國際頂尖科研團隊打造專利技術產品品牌，產品在國外已是剛需產品，部分產品全國獨有。

通過基於基因重組優化酶技術和真空浸漬技術自主研發超聲波輔助酶、增稠劑組合物製備、食品冷塑粉之食品製備等方案與技術達到先進水平，並且具有成本更低、製備更方便等優勢。食品軟化處理方法能在對食物軟化至只有原有一半硬度的基礎上，保留蔬菜90%左右的維生素、70%的食物纖維，肉類保持95%的蛋白質。為養老院、康復醫院、居家養老、化療、放療等客戶提供安全、健康、營養的就餐體驗。



Mr Paul Chu 朱亮之先生

“ Cohort Lead, 4th STARS Programme & Vice Chairman, Hong Kong Startup Council
香港初創企業協會副主席及第四屆「初創飛昇計劃」首席領導

I am extremely impressed by Carewells Limited's progress and focus on the growing silver population both domestically and regionally. Giving the power of choice to the elderly and sick is a noble pursuit that we will all eventually benefit from. The team's deep empathy for their target audience was the driving force behind their persistence, humble optimism, and open-minded attitude to learning. Our mentor team connected Carewells Limited with various operators and stakeholders in the senior care industry which provided valuable insight into how their product can be finetuned for more widespread applications. I wholeheartedly wish the Carewells team continued success.

Carewells團隊專注於香港和全球人口老化問題，他們的進步的確給我留下了深刻的印象。賦予老人和病人選擇權是一種崇高的理念，而我們最終都會從中受益。該團隊對目標受眾的同理心促使他們憑著堅定不移的信念、謙虛樂觀的態度和擁有開放思想的學習方法邁步向前。我們的導師團隊成功連接Carewells 團隊與一眾銀色產業的公司和持分者溝通，他們為初創團隊提供了很多寶貴的意見，幫助他們了解如何改進產品以實現更廣泛的應用。我衷心祝願Carewells 團隊繼續取得成功。



Innovative soft meal for frail residents to improve life quality

Difficulty in swallowing is a common health problem in the elderly people, while with swallowing difficulties can only eat pureed food or follow soft food diet, and some even have to eat or drink through the nose, to maintain the nutrients needed, which often leave them with limited and unappetising options.

Soft meals have been well developed in Japan for many years which cater those with swallowing difficulties, while the meals retain the taste and appearance of food. However, the soft meal is rarely used in Hong Kong due to its exclusive transportation cost. In 2019, Sandy Chung, co-founder of food technology startup Senior Deli, formed a team to develop soft meal products, hoping to reduce costs and make soft meals affordable for those with swallowing difficulties.

Senior Deli has participated in a number of entrepreneurial competitions in Hong Kong, the Mainland and overseas and won the bronze medal in the 4th Qianhai Guangdong, Hong Kong, Macao and Taiwan Youth Innovation and Entrepreneurship Competition, which bring Senior Deli more brand awareness in many provinces in the mainland. They enrolled in the HKSTP incubation programme in 2021, and won the champion of Future Food Asia 2021 (Singapore) and Imagine IF! 2021. Their businesses have been reached to a new level via "STARS Programme", as they have learnt how to apply for funds to expand their businesses with the support and guidance provided by the mentors, and have also established relationships with business partners in different place and is currently negotiating cooperation plans with various business partners in the Greater Bay Area, Europe and USA for the partnership to actively promote elderly dignified eating culture. They are preparing for the exportation of the goods to different places such as China and Australia.



Mr Alan Cheung 張益麟先生

Chief Mentor, Hong Kong Startup Council 香港初創企業協會首席導師

“It's my great pleasure to be the mentor of the Carewells team once they joined the 4th Cohort of the STARS Programme in late 2020 as we share the same vision to tackle this ageing related problem of Hong Kong. Carewells offers products by using enzyme technology to modify food texture to levels suitable for dysphagia patients while maintaining its original form, taste & nutrition.

Even after they completed the STARS Programme, we stay in touch and continue to provide them with support and guidance, such as fine-tuning the business model, connecting the team to collaborate with stakeholders such as NGOs, senior centers and food safety laboratories, and recommending them to apply for SIEF and HKSTP's government funding support. Their endurance & resilience to keep realising the dream by leveraging innovation & technology drives me to keep walking with them.

我很高興在 Carewells 團隊於 2020 年底加入第四屆「初創飛昇計劃」後成為他們的導師，因為我們有著共同的願景去解決香港這個人口老化相關之問題。Carewells 通過使用酶技術將食物質地變為適合吞嚥困難患者至食用水平，同時保持其原始形式、口味和營養。

即使他們完成 STARS Programme，我們仍保持聯繫，繼續向他們提供支持和指導，例如微調商業模式，聯繫團隊與非政府組織、長者中心和食品安全實驗室等持份者協作，並推薦他們申請 SIEF 和 HKSTP 的政府資助支持。他們利用創新和技術不斷實現夢想的耐力和韌性驅使我繼續與他們同行。

首研本地軟餐保味道營養 初創助吞嚥困難者重拾滋味

吞嚥困難是長者常見的健康問題，有吞嚥困難的長者，只可進食將數種食材攪碎而成的「糊仔餐」，有的甚至要插鼻胃喉餵食，以維持身體所需營養。

日本多年前已研發適合吞嚥困難人士進食，並保留食物味道與賣相的軟餐，但因運輸成本高昂，本港甚少安老院舍採用。食品科技初創公司吞嚥易的聯合創辦人鍾倩盈(Sandy)，不忍心長者嚐盡人生百味後，年老時卻食而無味，故2019年組織團隊研發軟餐產品，冀透過降低成本，讓吞嚥困難人士可享用價廉物美的軟餐。

吞嚥易積極參加多個本港、內地及海外等不同地區的創業比賽，在第四屆前海粵港澳青年創新創業大賽獲得總決賽銅獎，成功開拓內場市場，現時已有多個內地省市的商家及中小企業對其產品表示有興趣及有意合作。團隊更入選香港科技園創科培育計劃，並勇奪2021《IMAGINE IF! Hong Kong Final》及《Future Food Asia 2021》冠軍！在「初創飛昇計劃」裡，透過導師的專業指導和支援，他們學會有技巧地申請基金拓展業務外，亦與不同地方的商家建立關係，現正與多個大灣區、歐美商家洽談合作計劃，積極推廣軟餐文化，令長者重拾進食尊嚴。團隊正準備將產品出口至向中國內地及澳洲。



Hong Kong Street Eats Limited 香港街食有限公司

Founded in 2017, Hong Kong Street Eats (HKSE) is the first company in Hong Kong to manufacture and wholesale frozen, ready-to-eat HK-style egg waffles (Gai Daan Jai). HKSE took the traditional Hong Kong street food to an industrial scale and created new wholesale and export market opportunities. The products do not contain any preservatives, simply reheat the Gai Daan Jai for a few minutes in an oven or airfryer, then a fresh tasting, crispy outside and fluffy inside Gai Daan Jai will be ready just like that. In the past few years, HKSE have secured a place in the local Hong Kong market for retail and food & beverage wholesale. Sales of the products have even extended to overseas.

Innovation is at the heart of the business, and HKSE has developed its own recipes, packaging, technology and manufacturing processes. HKSE has developed and owns the patent to its proprietary automated machinery to scale production. HKSE look forward to promoting Hong Kong's food culture to the rest of the world through their products in the near future.



創立於2017年，香港街食是香港第一間製造及批發急凍雞蛋仔的公司。香港街食將雞蛋仔工業化，為一種香港傳統小食創造批發、出口貿易等新商機。產品不含防腐劑，只需簡單在焗爐或氣炸鍋加熱就可隨時享用一份如新鮮製造、外脆內軟的雞蛋仔。這幾年香港街食已在香港建立穩定的零售及餐飲批發市場，更將產品銷售延伸到海外。

革新是整盤生意的核心，香港街食已經成功研發適合急凍雞蛋仔的配方、包裝、科技與製作過程。現時，香港街食擁有自己專利的自動化機器以作提升生產量。期待在不久的將來可以透過他們的產品向世界各地推行香港的飲食文化。



Pioneer frozen Hong Kong Egg Waffles to promoting snacking culture

Egg waffle is one of the most iconic street food products in Hong Kong, but its mass production is limited by the traditional handmade method and bring difficulty to promote overseas. Startup Hong Kong Street Eats has developed a frozen egg waffles production system with automated machines to increase production capacity while maintaining quality. The product is now available in local chain shops and department stores, and has begun to receive orders from overseas. The founder hopes to bring Hong Kong's snack culture to the rest of the world through the export market.

David Tsang, the founder of Hong Kong Street Eats, is a former engineer and when his wife was pregnant, she suddenly wanted to have egg waffles at night. Hence, he had the idea to start a business and implemented it in 2017. In the early days of the business, lack of resources and experience frustrated him and made him encountered obstacles everywhere. Yet, he joined the "STARS Programme" with the guidance of professional mentors, he learnt how to look for fundings and support for his business. He also got the chance to visit Lee Kam Kee, a well-known sauce manufacturer in Hong Kong, to understand its production process and techniques, which in turn improve and enhance his products. With the help of mentors, he has engaged more merchants from Southeast Asia, and was expected to bring frozen egg waffles on the shelves of local convenience store chains in there.

機器製作急凍雞蛋仔 推廣香港小食文化

雞蛋仔是香港極具代表的街頭小食，但因傳統人手製作方式限制了產量外，亦難以向海外推廣。本地初創公司香港街食有限公司開創急凍雞蛋仔，配合自動化機器提高產能，現時已在本地連鎖店及百貨公司有售，更開始接獲海外訂單。創辦人David Tsang希望藉著出口市場，將本港的小食文化帶到世界各地。

香港街食創辦人David原為工程師。太太懷孕時，有天晚上忽然想吃雞蛋仔而萌生創業念頭，並於2017年實行。創業初期因資源及經驗不足而到處碰壁，後來在「初創飛昇計劃」得到專業導師的指導，學會尋找資金和支援，更到本港調味醬料生產集團「李錦記」觀摩，實地了解其製作過程和技巧，從中吸取經驗，改善及提升公司的產品。在導師的協助下，他亦認識更多來自東南亞的商家，有望將急凍雞蛋仔在當地的連鎖便利店上架出售。



Mr Jason Chiu 趙子翹先生

Chairman, Hong Kong Startup Council 香港初創企業協會主席

“

Mr Anthony Lam 林世豪先生
Executive Deputy Chairman, Federation of Hong Kong Industries 香港工業總會常務副主席



Hong Kong Street Eats Limited is one of the selected startups being offered a wide range of opportunities and collaborations with fellow food and brand producers, that helps expanding their business networks. With their strong commitment and endurance over the years, I am happy to see they could overcome the difficulties and bring Hong Kong egg waffles with different innovative flavours to overseas markets. Their successful businesses are not only catered for the local market, but also promoted this Hong Kong Street food across the global and met the needs of customers around the world. Wish them every success in the future!

香港街食是其中一間獲選的初創公司，通過計劃獲介紹不同的食品製造商，協助他們建立更強大的人際網絡及發展合作機遇。他們經過多年的努力研發及積極面對挑戰，樂見他們的雞蛋仔開發了各款特色口味，不單能迎合本地的市場，同時將香港小食推至全球，以滿足各地消費者的需求。祝願其業務發展順利，繼續宣揚香港傳統美食！

“

Hong Kong Street Eats Limited (HKSE) invented the first frozen Hong Kong egg waffle in the world. I am really pleased to see that David can switch from the conventional manual production method to intelligent mechanical manufacturing in order to boost production capacity and fulfill orders from domestic and international markets. I wish HKSE continued success in locating further traditional and emblematic Hong Kong delicacies, drawing more clients and investors, and promoting more "Made in Hong Kong" products around the globe.

香港街食有限公司研發了世界首創「急凍雞蛋仔」。很高興看見David能夠將傳統人手製作方式轉化成機械智能化生產，以便提高產能及應付本地及海外市場的訂單。希望香港街食繼續發掘更多傳統且具代表性的香港小食，吸引更多客戶及投資者，繼續將「香港製造」的產品送到全世界。

Cohort 5

第五屆



PropTech + ESG 房地產科技 + ESG



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On the Demo Day, 13 STARS demonstrated their enhancement after a 9-month adventurous journey to investors and industrialists to pitch for investment and business collaboration opportunities. The Under Secretary for Housing, Mr Victor Tai, was invited as the Guest-of-Honour. Sponsored by Citi Hong Kong, the programme helped the startups receiving mentorship from industrialists, strengthening their product development and services to create possibility of commercialising their innovations. Through the onsite voting by entrepreneurs and visitors, Aura Labs Limited, i2cool Limited and Super Bamboo Limited won “The Most Popular STARS”, “The ESG STARS” and “Industry’s Pick STARS” awards respectively.

十三間「房地產科技+ESG」星級初創企業於「展示日」向出席的投資者及工業家演示最新產品及技術方案成果，爭取投資及合作機會，並順利完成為期九個月的計劃。活動獲房屋局副局長戴尚誠先生擔任活動主禮嘉賓。第五屆「初創飛昇計劃」由花旗集團贊助，以星級初創企業與工業家進行友導配對，提升產品研發和服務，增加科研轉化成商品的可能性。經現場工業家及參加者投票後，Aura Labs Limited、創冷科技及超竹有限公司分別奪得是屆計劃的「最受歡迎初創大獎」、「ESG 初創大獎」及「業界之選初創大獎」。

STARS finalists 入圍初創：



澤浩高純金屬有限公司
Achelous Pure Metal Co. Ltd.





i2Cool Limited 創冷科技

Facing acute energy crisis and climate change, Hong Kong and other countries have announced the decarbonisation target of achieving net zero emissions by 2050. According to data from the International Energy Agency (IEA), the use of air conditioners accounts for a fifth of the total electricity consumed in buildings around the world. In Hong Kong, air-conditioning consumes 30% of the total energy used by buildings. To catch up with global energy transition trends, i2Cool, co-founded by a group of young professionals and scientists from City University of Hong Kong (CityU) who are keen to protect our environment and improve quality of life for human beings, is dedicated to advancing the passive radiative cooling technology for energy saving. Unlike traditional air-conditioning systems, passive radiative cooling is an energy-free and refrigerant-free cooling technology that reflects incoming solar irradiance, while emitting thermal radiation to the cold universe, thereby achieving sub-ambient cooling. It is noted that the research team has spent over six years developing passive radiative cooling technology before founding i2Cool. Beginning with high cost of laboratory inventions, i2Cool has successfully turned the expensive and advanced cooling technology into an affordable product. iPaint, the first product from i2Cool, has been launched to the market in November 2021.



Mr Leo Luk 陸浩謙先生

Senior Investment Manager, HKSTP Ventures, Hong Kong Science and Technology Park
香港科技園創投基金 高級投資經理

Translating university research into impactful commercial application is never an easy task. The prompt and timely support from FHKI and Hong Kong Startup Council, together with resources from strategic partners HKSTP and City University HK Tech 300, served as an important leverage to i2Cool and assisted Martin and the founding team to put the cutting edge material science into a useful tool to combat climate change, and to capture market opportunities from HK to the rest of Greater Bay Area.

將大學研究轉化為具影響力的商業應用絕非易事。因此，香港工業總會及轄下的香港初創企業協會的及時支持，以及戰略合作夥伴香港科學園和香港城市大學 HK Tech 300 的資源，對 i2Cool 是不可多得的重要助力及戰略槓桿，協助 Martin 和創始團隊將尖端材料科學轉化為有用的工具來對抗氣候變化，並抓住從香港到大灣區其他地區的市場機遇。

創冷科技 i2Cool 是城市大學「HK Tech 300」創業計劃培育的初創公司，其科研團隊由香港城市大學能源及環境學院教授、博士畢業生及年輕科學家組成，致力研發被動輻射製冷技術迎合減排趨勢，推動本港節能科技的發展。面對嚴峻的國際能源危機，全球各國都公佈了2050年前實現碳中和的目標。國際能源署的數據顯示，使用空調系統所消耗的電力占全球總能源消耗第五位。而在香港，用於空調系統的能源占建築物總耗量30%。為滿足能源轉型，i2Cool於2021年成立，致力推廣被動輻射製冷技術及更多創新節能科技。有別於傳統空調系統，被動輻射製冷技術反射絕大多數太陽光，有效將熱量以中紅外方式往外輻射，毋須能源或製冷劑便可達至降溫效果。成立初創公司前，團隊鑽研被動輻射製冷技術超過6年，經過不斷的試驗和改良，終於成功將先進的製冷技術轉化為價格相宜的產品。無電製冷塗層是 i2Cool 首個商業化的產品，於2021年11月推出市場，有望節省空調耗能，從而降低建築物的耗電量，推動碳中和。



Innovative PropTech targets the Greater Bay Area by Electricity-free Cooling

With the increasing global warming, the greenhouse effect has become a topic of concern to many industries. i2Cool, a tech startup incubated under the HK Tech 300 project of the City University of Hong Kong, was established to improve the situation. Inspired by the Saharan silver ant, they have invented passive radiative cooling paints with zero energy consumption and no refrigerant developed to cool down the roof or exterior wall of buildings by reflecting sunlight and dissipating thermal radiation, and that can effectively reduce indoor temperature without power consumption. It aims to alleviate energy shortages and climate change, balancing social, economic and environmental needs, and to move towards carbon neutrality while promoting the overall sustainable development and economic growth of the world.

The paint developed by i2Cool has been patented in Hong Kong, mainland China and the US, it was awarded the gold medal at the International Exhibition of Inventions in Geneva. They have been working with various government departments and public organisations such as the Architectural Services Department, the Civil Engineering, Development Department and the Urban Renewal Authority, as well as a number of listed companies and private developers to launch the pilot projects. i2Cool team expresses their gratitude to expand business by connecting business leaders under the “STARS Programme”. i2Cool is headquartered in Hong Kong Science and Technology Park and has set up a Mainland office in Shenzhen and rented a factory in Guangzhou for mass production of cold painting materials, so as to enter the Greater Bay Area and gain a share of the mainland market.

輻射製冷塗料助室內降溫 創新的房地產科技攻大灣區

隨著全球暖化日漸嚴重，溫室效應成為多個行業關注的議題。為改善有關情況，香港城市大學HK Tech 300 計劃孵化的科技初創公司 i2Cool，從撒哈拉沙漠「銀蟻」身上取得靈感，研發出零耗能、無需製冷劑的被動式輻射製冷塗料，只需將油漆塗於建築物的屋頂或外牆，在毋須耗電下，透過反射陽光和消散熱輻射，便能有效降低室內溫度。藉此希望緩解能源短缺和氣候變化，平衡社會、經濟及環境方面的需要，在推動全球的整體可持續發展和經濟增長時，邁向碳中和。

i2Cool研發的塗料已獲香港、中國內地及美國專利，更於日內瓦國際發明展獲得評審團嘉許金獎。團隊已和多個政府部門及公營機構如建築署、土木工程拓展署、市區重建局合作，亦與多家上市公司和私營發展商開展試驗計劃，全面推動香港整體可持續發展和經濟增長。i2Cool團隊表示非常開心於「初創飛昇計劃」中認識到更多商界人士，令其業務得以擴展。i2Cool的總部現設於香港科技園；另在深圳設立內地辦事處，並在廣州租用廠房量產製冷塗料，以進軍大灣區，在內地市場中分一杯羹。



Mr Mingles Tsoi 蔡明都先生

Cohort Lead, 5th STARS Programme & Vice Chairman of Hong Kong Startup Council
香港初創企業協會副主席 及 第五屆「初創飛昇計劃」首席領導

“

i2Cool demonstrates the journey of a dedicated research team from a university to transform ideation into commercialisation. The mix of staffing with positive mindsets and proactive leadership is critical for the success of fundraising. I look forward to their continual efforts in tackling climate change issues for sustainable development goals.

香港初創企業協會在疫情陰霾下努力為初創企業與傳統工業締造一個互動協作的平台，我作為初創企業顧問、教育家、導師及投資者，深信憑著初創的新穎意念與精簡架構，必定能為大企業營造創新的文化及可持續發展的動力。



Prof Andrew Young 楊孟璋教授

Chief Mentor, Hong Kong Startup Council 香港初創企業協會首席導師

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i2Cool is a promising startup demonstrating successful technology transfer from university research towards industrial applications. Backed by extensive research and development, together with significant entrepreneurship support from the university, the company is developing a novel and environmentally friendly building energy saving solution with passive radiative cooling technology. The passionate management team is committed to offer the best products for the industry by working with all stakeholders. With the promising progress, I believe i2Cool can contribute to the building industry in the important areas of energy saving and decarbonisation, in Hong Kong and beyond.

創冷科技有限公司成功展示大學創新研究技術轉移到工業應用，公司同時獲得大學創業計劃的支持，是一間相當有前途的初創公司。公司致力研發被動式輻射製冷技術，提供環保節能解決方案。我相信憑著充滿幹勁的管理團隊因應業界需求而開發的各種高效能產品，定能為建築業在節能減排放方面作出貢獻。



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