



Logistics and Supply Chain MultiTech R&D Centre
物流及供應鏈多元技術研發中心

A collage of images related to logistics and technology. It includes a large port with cranes and a ship, a city skyline at night, a network of glowing lines representing data or supply chains, and a group of people in a meeting. The images are layered and partially obscured by white geometric shapes.

EMPOWERING THE INDUSTRY WITH TECHNOLOGY



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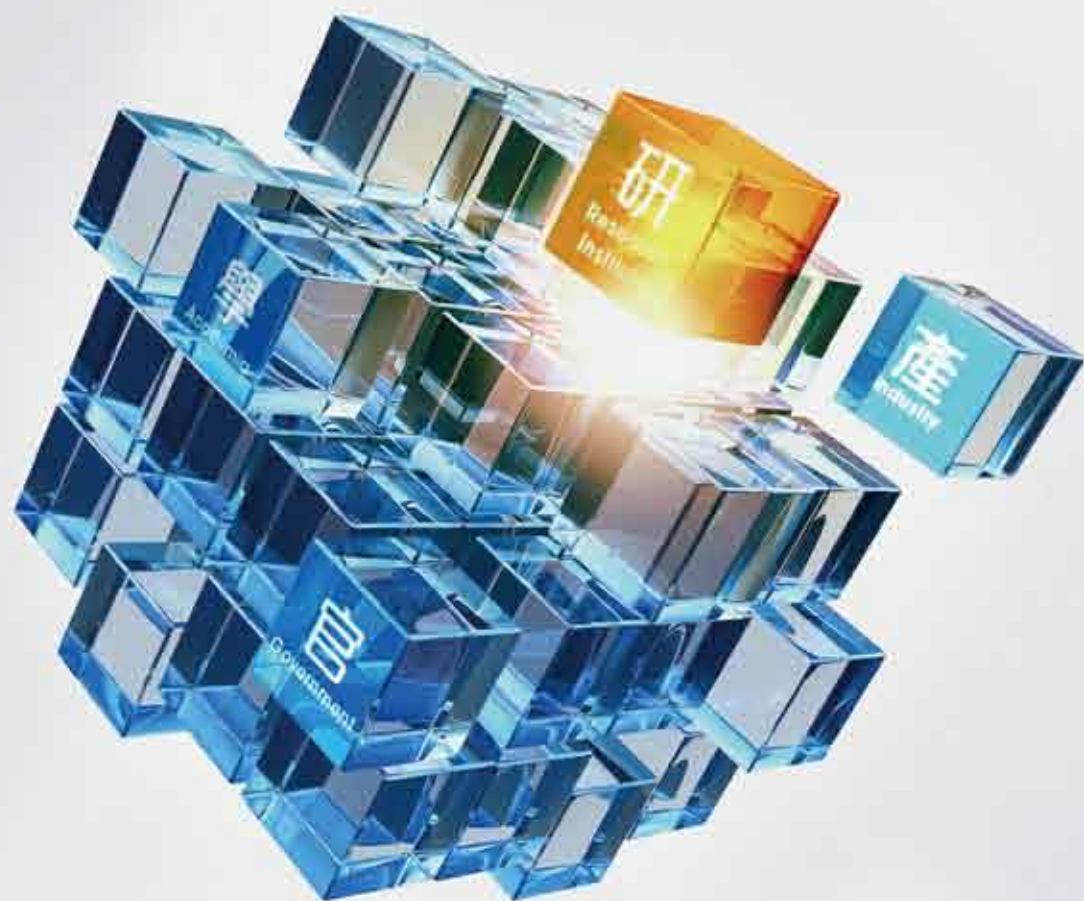
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Innovate for Success

以科技建未來



Research & Development 研究與開發

Logistics and Supply Chain MultiTech R&D Centre (LSCM) was established in 2006 with funding from the Innovation and Technology Fund of the HKSAR Government, connecting the government, industries and academia. The Centre fosters a culture of innovation and technology in industries, and drives Hong Kong's development as a world-renowned smart city. Being a one-stop resource for applied research and technology transfer, LSCM serves the industries by initiating research projects, contract researches, as well as providing business matching opportunities, technology transfer and intellectual property commercialisation.

物流及供應鏈多元技術研發中心(LSCM)於2006年由香港特區政府之創新及科技基金資助成立，連繫政府、業界及學術界，致力為業界培育創新科技文化，推動香港發展成為一個智慧型國際大都會。作為一個提供一站式應用研發及技術轉移服務的研發中心，我們竭力為業界提供多元化的全方位服務，包括提供技術研究項目、合約研究項目、業務配對、技術轉移及知識產權商品化服務等。

From Innovation To Implementation 從創新到應用

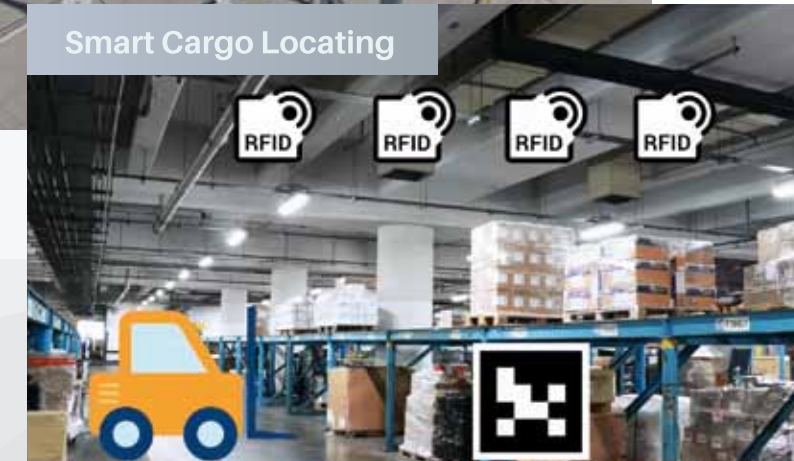
From our various research projects, we identify intellectual assets and initiate technology and knowledge transfer to the marketplace to promote industrial digitalisation, facilitate technology advancement and strengthen Hong Kong's position as a leading logistics and commercial hub.

透過各種研發項目，我們發掘可應用於不同產業的創新技術知識，並透過技術轉移將技術及相關知識推向市場，鼓勵業界數碼轉型，協助業界提升效率，從而鞏固香港作為首屈一指的物流與商貿樞紐之地位。



Leverage Our Strengths To Move Forward

發揮優勢 向前邁進



Our Services 我們的服務

We innovate and excel with our expertise and technological know-how. Commissioned to be a one-stop resource for applied research and technology transfer, LSCM undertakes the following roles and functions:

- Conduct industry-oriented research projects
- Provide an exceptional platform for business matching and technology transfer
- Facilitate intellectual property commercialisation

LSCM憑藉豐富的專業知識和技術在科研領域創新求精，並竭力為業界提供一站式的應用研究及技術轉移服務：

- 開展以業界為導向的研究項目
- 為業務配對和技術轉移提供一個卓越的平台
- 促進知識產權商品化

Technology Transfer and Services 技術轉移及服務

LSCM identifies and facilitates technology transfer opportunities generated from our various research projects. We offer a comprehensive portfolio of cost-effective and innovative technologies to industry customers. For technology companies, we provide them with our R&D deliverables for licensing, which can be developed into technology products for the industry's adoption. We also initiate collaboration with the technology companies by means of contract researches to research for customised technologies for their further development.

LSCM從各類研發項目中推行技術轉移，為業界提供一系列具成本效益的創新技術。我們可授權科技公司使用LSCM研發的技術，讓它們發展成為更適用於業界的產品。我們亦與科技公司合作，透過合約研發項目而研發切合其需要的技術，促使它們將技術進一步發展，並推向市場。

Engagement with the Industry

與業界合作

LSCM strives to foster the development of core competencies in logistics and supply chain related technologies in Hong Kong. Aiming to enhance the competitiveness of the industries through technology adoption, we support different chambers, industry associations, public and private organisations in the research and development of innovative technologies.

LSCM一直致力研發促進物流及供應鏈之相關行業發展的各種技術。我們協助眾多商會、行業協會及公私營機構合作開展研發項目，促使它們採用有關技術以提升競爭力。

Types of Collaboration 合作模式	No. of projects 項目數量	Key Organisations* 機構*
Cooperation with Industry Associations, Councils, Institutes, Chambers 與商會、行業協會、各機構合作	62	<ul style="list-style-type: none"> ▪ Construction Industry Council 建造業議會 ▪ Federation of Hong Kong Industries 香港工業總會 ▪ Hong Kong Logistics Association 香港物流協會 ▪ Hong Kong Trade Development Council 香港貿易發展局 ▪ The Chamber of Hong Kong Logistics Industry 香港物流商會 ▪ The Chartered Institute of Logistics and Transport 香港運輸物流學會 ▪ The Hong Kong Council of Social Service 香港社會服務聯會 ▪ The Hong Kong Logistics Development Council 香港物流發展局

*Listed in alphabetical order of organisation name. Due to limited space, the list is not exhaustive.
按機構英文名稱排序；因數量眾多，未能盡錄。

Pioneering Technologies

領先科技

Providing advanced technology for various industries
為眾多行業提供先進的技術



Latest Technology Focuses

最新技術領域

01



- Mechatronics
自動化機械電子技術

02



- Internet-of-Things (IoT)
物聯網

03



- Big Data Analytics
大數據分析

04



- Blockchain
區塊鏈

05



- System Integration
系統集成

06



- Artificial Intelligence (AI)
and Machine Learning
人工智能及機械學習

Accelerating Technology Development for the Industry

LSCM focuses on the research and development of technology that would add value to, and enhance the productivity and competitiveness of the industries in Hong Kong. Since its establishment, more than a hundred of R&D projects have been developed in five specific areas, namely logistics and supply chain, e-Commerce and trade, smart city technology, gerontechnology and construction. The Industry can collaborate with LSCM for various research projects and apply for the funding from the Innovation and Technology Support Programme, Partnership Research Programme and Public Sector Trial Scheme, which are funded by the Innovation and Technology Fund of the HKSAR Government.

Enterprises can also make use of other related funding for R&D projects and technology transfer.






協助業界科技發展

LSCM專注於發展可提高香港產業生產力和競爭力的科研，現時已研發了超過一百個針對五個不同範疇的項目，包括物流及供應鏈、電子商務與貿易、智慧城市技術、樂齡科技及建造業。業界可以與LSCM合作，展開不同的研發項目，並申請由香港特區政府創新及科技基金資助的創新及科技支援計劃、夥伴研究計劃及公營機構試用計劃。

業界亦可善用其他相關的資助計劃，進行研究項目及技術轉移。

Funding Programmes provided by Innovation and Technology Commission (ITC) :

Funding Programmes	Objectives	Webpage for Information of Funding Programmes
Innovation and Technology Support Programme (ITSP)*	<ul style="list-style-type: none"> Supports applied research and development (R&D) projects undertaken by designated local public research institutes and R&D Centres 	https://www.itf.gov.hk/en/funding-programmes/supporting-research/itisp/index.html 
Partnership Research Programme (PRP)*	<ul style="list-style-type: none"> Support applied research and development (R&D) projects undertaken by R&D Centres or designated local public research institutes in collaboration with private companies 	https://www.itf.gov.hk/en/funding-programmes/supporting-research/prp/index.html 
Public Sector Trial Scheme	<ul style="list-style-type: none"> Provide funding support for production of prototypes / samples and / or conducting of trials in the public sector to facilitate and promote the realisation and commercialisation of research and development (R&D) results under ITF projects 	https://www.itf.gov.hk/en/funding-programmes/facilitating-technology/psts/index.html 

Customised R&D projects


Funding Programmes	Objectives	Webpage for information of the project
Contract Research Programme*	<ul style="list-style-type: none"> Encourage the private companies to invest in research and development (R&D) 	https://www.lscm.hk/eng/channel.php?channel=funding-programmes 

*Research and Development Cash Rebate Scheme funded by the ITC will offer additional financial support for the sponsoring companies and recipient organisations undertaking R&D projects, respectively. It aims to reinforce the research culture among private companies and encourage them to establish stronger partnership with designated local public research institutions. Under the Scheme, enterprises registered in Hong Kong will receive a cash rebate for its contribution to the R&D projects.

由創新科技署提供的資助計劃：


資助計劃	目的	資助計劃相關網頁
創新及科技支援計劃*	<ul style="list-style-type: none"> 支援由指定本地公營科研機構及研發中心所進行的應用研發項目 	https://www.itf.gov.hk/tc/funding-programmes/supporting-research/itisp/index.html 
夥伴研究計劃*	<ul style="list-style-type: none"> 支援由研發中心或指定本地公營科研機構與私營公司合作所進行的應用研發項目 	https://www.itf.gov.hk/tc/funding-programmes/supporting-research/prp/index.html 
公營機構試用計劃	<ul style="list-style-type: none"> 資助製作原型 / 樣板及 / 或在公營機構內進行試用，以促進和推動創新及科技基金項目的研發成果實踐化和商品化 	https://www.itf.gov.hk/tc/funding-programmes/facilitating-technology/psts/index.html 

為業界特設之研發項目：

資助計劃	目的	項目的相關網頁
合約研究計劃*	<ul style="list-style-type: none"> 鼓勵私營機構進行研發 	https://www.lscm.hk/chi/channel.php?channel=funding-programmes 

*由創新科技署撥款資助的投資研發現金回贈計劃將分別為參與研發項目的贊助公司與獲資助的機構提供額外的財務支援。計劃旨在提升私營公司的科研文化，並鼓勵他們與指定本地公營科研機構加強合作。在該計劃下，香港註冊的企業將就研發項目的成本投資獲得現金回贈。

Other Funding Programmes provided by Innovation and Technology Commission (ITC) / Innovation and Technology Bureau (ITB):

Funding Programmes	Objectives	Webpage for information of Funding Programmes
Enterprise Support Scheme (ESS)*	<ul style="list-style-type: none"> Encourage the private sector to invest in research and development (R&D) 	https://www.itf.gov.hk/en/funding-programmes/supporting-research/ess/index.html 
Innovation and Technology Fund for Better Living	<ul style="list-style-type: none"> Provide funding for innovation and technology projects which will make people's daily living more convenient, comfortable and safer, or address the needs of specific community groups 	https://fbl.itb.gov.hk 
Innovation and Technology Venture Fund (ITVF)	<ul style="list-style-type: none"> To attract more venture capital (VC) funds to co-invest in local innovation and technology (I&T) start-ups in Hong Kong 	https://www.itf.gov.hk/l-eng/ITVF.asp 
Technology Start-up Support Scheme for Universities (TSSSU)	<ul style="list-style-type: none"> Provide funding to six universities to support their teams in starting technology businesses and commercialising their research and development (R&D) results 	https://www.itf.gov.hk/en/funding-programmes/supporting-start-ups/tsssu/index.html 
Technology Voucher Programme (TVP)	<ul style="list-style-type: none"> Subsidise local enterprises and organisations to use technological services and solutions to improve productivity, or upgrade or transform their business processes 	https://www.itf.gov.hk/en/funding-programmes/facilitating-technology/tvp/index.html 




* *Research and Development Cash Rebate Scheme* funded by the ITC will offer additional financial support for the sponsoring companies and recipient organisations undertaking R&D projects, respectively. It aims to reinforce the research culture among private companies and encourage them to establish stronger partnership with designated local public research institutions. Under the Scheme, enterprises registered in Hong Kong will receive a cash rebate for its contribution to the R&D projects.

其他由創新科技署 / 創新及科技局提供的資助計劃:

資助計劃	目的	資助計劃相關網頁
企業支援計劃*	<ul style="list-style-type: none"> 鼓勵私營機構在研發方面作出投資 	https://www.itf.gov.hk/tc/funding-programmes/supporting-research/ess/index.html 
創科生活基金	<ul style="list-style-type: none"> 資助可令市民生活更方便、舒適及安全，或照顧特殊社群需要的創新及科技項目 	https://fbl.itb.gov.hk 
創科創投基金	<ul style="list-style-type: none"> 鼓勵更多風險投資（風投）基金共同投資於本地創新及科技（創科）初創企業 	https://www.itf.gov.hk/l-tc/ITVF.asp 
大學科技初創企業資助計劃	<ul style="list-style-type: none"> 提供資助，支援由六所大學團隊成立的科技初創企業，將其研究及發展("研發")成果商品化 	https://www.itf.gov.hk/tc/funding-programmes/supporting-start-ups/tsssu/index.html 
科技券	<ul style="list-style-type: none"> 資助企業和機構使用科技服務和方案，以提高生產力或將業務流程升級轉型 	https://www.itf.gov.hk/tc/funding-programmes/facilitating-technology/tvp/index.html 

* 由創新科技署撥款資助的**投資研發現金回贈計劃**將分別為參與研發項目的贊助公司與獲資助的機構提供額外的財務支援。計劃旨在提升私營公司的科研文化，並鼓勵他們與指定本地公營科研機構加強合作。在該計劃下，香港註冊的企業將就研發項目的成本投資獲得現金回贈。

Other Funding Programmes:

Funding Programmes	Objectives	Webpage for information of Funding Programmes
Construction Innovation and Technology Fund	<ul style="list-style-type: none"> To encourage the Hong Kong construction industry for wider adoption of innovative constructive methods and new technologies in the construction industry with a view to promoting productivity, uplifting built quality, improving site safety and enhancing environmental performance 	https://www.citf.cic.hk/?lang=1 
Innovation and Technology Fund for Application in Elderly and Rehabilitation Care	<ul style="list-style-type: none"> Subsidise eligible elderly and rehabilitation service units to procure / rent and try out technology products, so as to improve the quality of life of service users as well as reduce the burden and pressure of care staff and carers 	https://www.swd.gov.hk/en/index/site_pubsvc/page_supportser/sub_itfund/ 
Pilot Subsidy Scheme for Third-party Logistics Service Providers	<ul style="list-style-type: none"> Encourage the adoption of technology by the logistics sector for enhancing efficiency and productivity 	https://www.hkpc.org/en/tplsp 
Smart Traffic Fund	<ul style="list-style-type: none"> Provide funding support for enterprises or organisations to conduct research and application on vehicle-related I&T 	To be confirmed

To learn more about the funding programmes, please contact us at tech-transfer@lscm.hk

其他資助計劃:

資助計劃	目的	資助計劃相關網頁
建造業創新及科技基金	<ul style="list-style-type: none"> 鼓勵本地建造業界採用創新建築方法及科技，促進生產力、提高建造質素、改善工地安全及提升環保效益 	https://www.citf.cic.hk/?lang=2 
樂齡及康復創科應用基金	<ul style="list-style-type: none"> 資助合資格的安老及康復服務單位購置/租借和試用科技產品，以改善服務使用者的生活質素，並減輕護理人員及照顧者的負擔和壓力 	https://www.swd.gov.hk/tc/index/site_pubsvc/page_supportser/sub_itfund/ 
第三方物流服務供應商資助先導計劃	<ul style="list-style-type: none"> 鼓勵物流業透過科技應用提升效率及生產力 	https://www.hkpc.org/zh-HK/tplsp 
智慧交通基金	<ul style="list-style-type: none"> 資助企業或機構進行與車輛有關的創新科技研究和應用 	待定

如欲了解更多關於以上研發項目及資助計劃的詳情，請電郵至 tech-transfer@lscm.hk

Talented Teams Extraordinary Ideas

優秀團隊 睿智思遠



Innovative Ideas 展現創新思維

LSCM has a strong team of high-calibre, experienced and professional research experts. With their shrewd sense for technology advancement, creative ideas, as well as passion in technology and innovation, we offer dedicated services to the industries, and enable them to enhance their competitiveness and capabilities.

LSCM的科研團隊擁有豐富的專業知識，並在不同科研領域具備經驗；他們對於創新技術的觸覺、勇於創新的精神，以及對於科研的熱忱，帶領LSCM為業界提供最適切的技术研發項目，協助他們提升實力及競爭力。



Internationally Recognised Accomplishments

國際認可 領導業界

RFID Blind Cane
Navigation System



Infrared Thermal Sensing Safety
Alert System for the Elderly



Safety Belt Alarm System for
Construction Safety



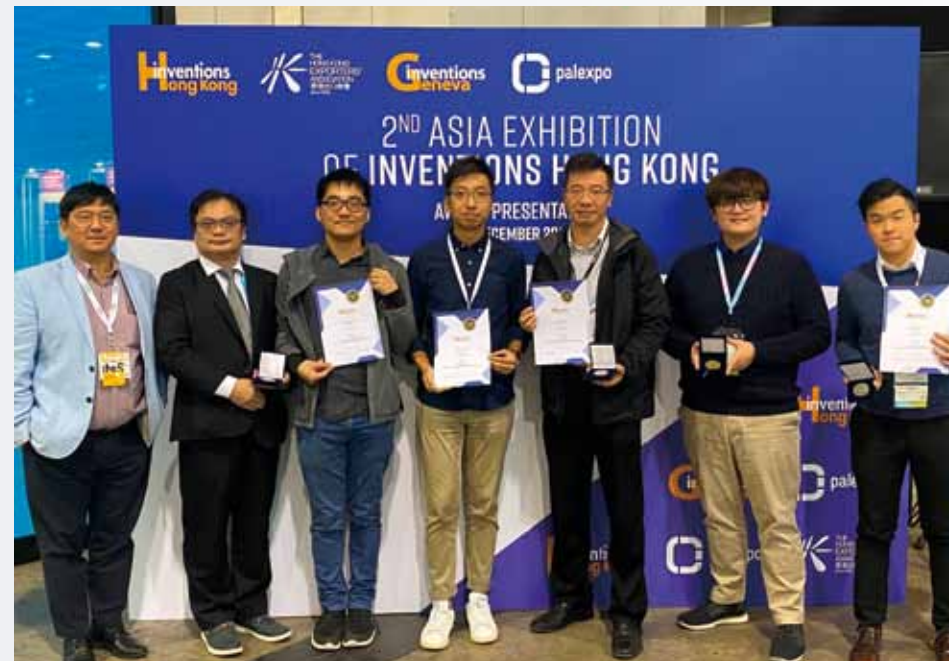
Ultra-Wideband Activity Monitoring
System for Solitary Elderly



International Awards & Recognition 國際獎項及嘉許

With our exceptional creativity, unrivalled expertise and professionalism, LSCM has been developing various state-of-the-art technologies for various industries, ranging from logistics and supply chain, e-Commerce, community service, to Smart City development, etc. Throughout the years, we have received a number of prestigious awards in both local and overseas exhibitions and competitions. Our strength in the research and development of innovative technologies, and contribution to the industries and the society as a whole, have been widely recognised and acclaimed locally and internationally.

LSCM憑藉無限創意、卓越的技術及專業的科研實力，一直為物流及供應鏈、電子商貿、社區服務等不同行業研發各種應用技術，亦研發了一系列促進智慧城市發展的技術。除此之外，我們亦在眾多本地及國際展覽和比賽中獲頒多項殊榮，屢創佳績；證明我們的研發實力及對業界和社會的貢獻廣受本地和海外的認可及嘉許。



Membership Programme

會籍計劃

LSCM membership programme provides round-the-year networking opportunities amongst representatives of a broad range of industries, high-calibre researchers and technology leaders through relevant events. Members will gain access to opportunities for learning and professional development.

LSCM also offers members an excellent platform for marketing and exposure, development and adoption of new and advanced technologies, as well as access to technological expertise, research resources, expert advice and business opportunities. Membership is free-of-charge.

Become our member and explore the diverse opportunities.

LSCM的會籍計劃為不同行業的代表、頂尖的研發人員以及技術專家提供聯繫與交流的機會。此外，會員可參與各項活動，以獲得專業的技術及相關知識，以及研究資源，把握無限商機。

LSCM亦為會員提供一個卓越的平台，用於開拓市場、發展業務和應用先進技術，同時更可獲取專業技術及相關知識、研究資源、專家建議和商業機會。會籍費用全免。

立即成為 LSCM 會員，開拓更多發展機會。



3 types of membership are available for individuals or organisations seeking to benefit from the unique opportunities and services offered by LSCM:

LSCM 設有**三**種類別的會籍，歡迎個人及機構參加，把握商機，提高效率：

01 Technology and Solution Providers 技術與解決方案供應商

Companies offering consulting services, hardware and software solutions and technologies for end-users fall into this category.

為終端用戶提供諮詢服務、硬件和軟件解決方案及科技的公司均屬於此類別。

02 Companies and Institutes 公司與機構

End-user companies, including manufacturers, logistics operators and retailers can join us as company members, while government departments, industry associations, university faculties and departments, research organisations and other professional bodies can join us as institute members.

包括製造商、物流營運商和零售商在內的終端用戶公司均可加入成為公司會員。而政府部門、行業協會、大學院系、研究組織以及其他專業團體則可加入成為機構會員。

03 Individuals 個人

Anyone who is aged 18 or above with an interest in innovative technology is welcome to join us as an individual member.

任何年滿18歲，並對創新技術感興趣的人士均可加入成為會員。

Membership registration is **Free-of-charge** and the membership fee is waived perpetually.

會員可**免費註冊**，並將永久豁免會籍費用。



To apply for membership, please scan the QR code to visit the registration webpage
請掃描二維碼瀏覽會員申請網頁



Logistics and Supply Chain MultiTech R&D Centre
物流及供應鏈多元技術研發中心

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