

Annual Report on  
Recurrent Funding for  
**KNOWLEDGE  
TRANSFER**

**1** JULY  
2024 *to*  
**30** JUNE  
2025

# Annual Report on Recurrent Funding for **KNOWLEDGE TRANSFER** (KT) 2024/25

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## 1. Executive Summary

To excel as a research university comprehensive in arts and sciences in the digital era, Lingnan University has been implementing a range of key initiatives in **innovation, R&D, knowledge transfer and talent development**. In the **Times Higher Education (THE) Impact Rankings 2025**, Lingnan is ranked **No. 1 worldwide for Quality Education**. The historic achievement marks Lingnan as the first university in Hong Kong to achieve the top position in one of United Nations' Sustainable Development Goal (SDG) categories. In the overall rankings of SDGs, Lingnan **has risen to the top 101-200 universities globally**.

In 2024/25, Lingnan had made significant advancements in **innovation** and **technology transfer**. It has also been the first year that the Innovation and Technology Commission of the HKSAR Government provided us with the funding for Technology Transfer Offices (TTOs). We could thus have **boosted our capacity** and **accelerated technology transfer endeavours**, including our first **Lingnan University Technology Transfer Forum** held in Shenzhen, filing our record high **37 new patent applications**, outreaching to the industry at **key I&T events** and **trade fairs**, and the winning of **five awards** at the **50th International Exhibition of Inventions Geneva** including a **Gold Medal with Congratulations of the Jury** - the first time the University has achieved this honour.

In this report, we highlight expanded opportunities in scientific and technological innovation through our cooperation framework agreement with the **Center of International Innovation for Technology and Science** in **Shenzhen**, and the collaboration with **China-Asia Economic Development Association** for fostering a **cross-border ageing service ecosystem**.

To **nurture the entrepreneurial talent**, Lingnan empowers students to tackle societal challenges through entrepreneurship courses, seminars, trainings and workshops. Notably, with the student participation rate of 22.6%, Lingnan **ranks top** among UGC-funded universities in the performance indicator "**Student engagement in start-ups and entrepreneurship**" as assessed under the University Accountability Agreement of the UGC. The on-going promotion of entrepreneurship of Lingnan is also exemplified by the successful **Lingnan-Yuanpei STEM Summer Academy** co-organised with the Yuanpei College of **Peking University**.

Our **Innovation and Impact Fund**, which is a backbone support for our knowledge transfer work, continues to be the catalyst for our academic staff and departments to generate impact beyond academia, including our School of Interdisciplinary Studies in **developing an interactive platform for renewable energy education**, our School of Graduate Studies in **enhancing elderly services in the Greater Bay Area**, our Department of Digital Arts and Creative Industries in **training future film talent through its first-ever developed cinematography simulation education software CineSim**, and our Science Unit in **promoting the GeoAI-powered Mosquito Risk Index and platform** which is extending its impact in health protection from Hong Kong to Foshan in the Greater Bay Area in tackling the challenges.

In the three Impact Cases in Section 6 of this report, our faculty's works have created social impact by transforming research on the city's subdivided units into an **art exhibition project**; leveraging our academic strengths to **enhance Chinese history education**; and **advocating humanitarian technology** to address social challenges faced by the underprivileged.

The ensuing Sections will present our key achievements in the structure as prescribed by UGC for this report.

## 2. New KT Strategic and Infrastructure Development

### 2.1 Accelerating Technology Transfer Efforts with Enhanced Capacity

Since Lingnan has newly become one of the designated universities to receive funding support for Technology Transfer Offices (TTOs) by the Innovation and Technology Commission (ITC) of the HKSAR Government in 2024/25, the University was excited to **enhance its technology transfer capacity and accelerate its technology transfer efforts**. A policy revision exercise has been completed to **strengthen the IP management framework** in the University's Policy on Research, Knowledge Transfer and Intellectual Property, thus promoting transparency and clarity in IP management practices. In the reporting period, the **Office of Research and Knowledge Transfer (ORKT)** assisted staff and students in the **protection and commercialisation of University IP rights**, organised the first-ever **Technology Transfer Forum** in Shenzhen, and facilitated a wide range of **marketing and business development activities** in Hong Kong, the Chinese Mainland, Tokyo and Geneva. Highlights are presented in **Section 5** of this report.

### 2.2 High-Performance Computing (HPC) Centre

Launched in early 2025, **Lingnan HPC Next** is the first **High-Performance Computing (HPC) Centre** equipped with over 40 HPC servers delivering over 6,000 TFLOPS of processing power to drive synergy, innovation and transformation in next-generation computing and research at Lingnan. The facility is provided to our researchers for free to **raise the impact and efficiency** of their projects. Complementing this infrastructure, the University provides free access to ChatGPT and DeepSeek for all staff and students in their AI-driven scholarship.



### 2.3 Shenzhen Research Institute

Based in the Shenzhen Virtual University Park, the University's Shenzhen Research Institute was officially registered in February 2025. To strengthen **technological collaborations with institutions and enterprises in the Guangdong-Hong Kong-Macao Greater Bay Area (GBA)**, the institute will conduct scientific and technological research and trials, facilitate the translation of technological innovations into practical application, and bring together global technology and innovation resources. Other activities will include technology **consulting services**, attracting **international talent**, supporting **business incubation**, and hosting academic exchange activities. It also hosts the strong base for the **Lingnan University Creative and Cultural Innovation Research Institute** established in **Qianhai, Shenzhen** in promoting research and impact in the GBA.

### 2.4 New Music Laboratory for Cultural Industry

Launched in October 2024, the Music Laboratory is the first of its kind on Lingnan campus equipped with professional systems and instruments that provides students and the community with a more comprehensive and experiential learning space, **fostering future leaders in the cultural industry**. In March 2025, the Wong Bing Lai Music and Performing Arts Unit of Lingnan **collaborated with the Joint Publishing (Hong Kong) Company** to host a public seminar on the modern inheritance of Chinese music which gathered a group of musicians, scholars and cultural enthusiasts at the Music Laboratory to promote the **appreciation for music and performing arts**.

### 3. Mainland and International Collaboration

#### 3.1 New momentum in enhancing scientific and technological innovation

In January 2025, the School of Interdisciplinary Studies (SIS) of Lingnan signed a Cooperation Framework Agreement with the **Center of International Innovation for Technology and Science (CIITS)** in the Shenzhen Park of Hetao Shenzhen-Hong Kong Science and Technology Innovation Cooperation Zone. Together the two parties will develop an **industrialisation platform**, set up research centres and laboratories, and support the **transformation of R&D outcomes** in fields such as biomedicine and high-performance materials. They will also explore opportunities of collaboration with leading enterprises and the creation of major national scientific research infrastructure such as large-scale scientific equipment in Shenzhen, and an innovation fund to invest in and **incubate science and technology innovation businesses**, thus creating a new model for collaborative innovation between Shenzhen and Hong Kong.



#### 3.2 GeoAI solution for mosquito control and disease management



Dengue fever or mosquito-borne disease is an acute infectious disease that can be fatal. Led by Prof Paulina WONG of our Science Unit, Lingnan has developed the **GeoAI-powered Mosquito Risk Index and platform** in collaboration with the industry partner - Triple Faith Engineering & Supply Limited, under the Innovation and Technology Fund (ITF) Partnership Research Programme. For the recent outbreak of mosquito-borne diseases in Foshan, Lingnan is extending the impact of our research by exploring with local officials, including the **Center for Disease Control and Prevention** in Foshan (佛山市疾病预防控制中心) on how our KT work may be able to assist.

#### 3.3 Fostering sustainable finance and development in the digital era

In collaboration with **Jinan University**, Lingnan hosted the first joint conference on Sustainable Finance and Development in the Digital Era in December 2024. It stressed the role of **digital transformation** in **fostering resilient and inclusive economic growth**, with a particular focus on sustainability. The hybrid event attracted over 80 on-site attendees and more than 14,000 online viewers, brought together leading industry experts, scholars and thought leaders for discussions on **financial innovation and sustainable development** in the rapidly evolving digital landscape.



#### 3.4 Promoting integrated cross-border and innovative ageing service ecosystem

The Asia-Pacific Institute of Ageing Studies (APIAS) of Lingnan is dedicated to improving the well-being of older generation through high quality research and KT work, and **collaboration with health and social services practitioners, service users, policy makers, charities, public and private sectors**, and local and international communities. In view of the pressing needs due to

the ageing population in Hong Kong, APIAS explored ageing development models between Hong Kong and the Chinese Mainland in a sharing meeting with the **China-Asia Economic Development Association Elderly Service Industry Committee (CAEIC)**. The meeting brought together leaders from industry and research to foster mutual trust and strategic collaboration, and lay a solid foundation for **building a cross-border, integrated, and innovative ageing service ecosystem**. Participants together planned to **build and share a vibrant ageing blueprint for the GBA**.

## 4. Promotion of Entrepreneurship

### 4.1 Innovation triumphs at the 2025 Lingnan-Yuanpei STEM Summer Academy

Riding on the success of last year, the second **Lingnan-Yuanpei STEM Summer Academy**, jointly organised by Lingnan and the Yuanpei College of Peking University (PKU), was held from 4 to 11 July at PKU. More than 30 outstanding students from Lingnan and PKU with academic backgrounds in artificial intelligence (AI), data science, business, finance, law, political science, and philosophy underwent training for **interdisciplinary talents** who are so much needed for societal development.



In addressing market and social needs, students were encouraged to **translate knowledge in AI and green technology into entrepreneurial plans with market potential**, fully demonstrating how STEM education shapes young people’s innovative capabilities. Guided by experienced entrepreneurs and top scientists, participating students took part in a series of immersive workshops and formed teams to compete in

entrepreneurial projects on **“AI-driven educational products”, “Personalised interest exploration platforms empowered by AI”, “Drone - Unmanned marine chemical pollution detection”, “AI-based music composition platforms”, “Human-centric green building engines”, and “Experiential education platforms driven by AI”**.

The success of the academy had laid a solid foundation for nurturing innovative talents with a sense of social responsibility and in the use of technology.

### 4.2 Ideation and Incubation

In the reporting year, Lingnan continued to provide resources and funding schemes including the **Innovation and Impact Fund (IIF)** through the **Office of Research and Knowledge Transfer (ORKT)** for our students to further develop their start-up ideas including a project on an AI-powered journaling platform designed to support mental well-being of students, and a project on developing a LLM-based multi-agent collaboration system.



In addition, the **Lingnan Entrepreneurship Initiative (LEI)** expanded opportunities for Lingnan students in collaboration with external partners. In 2024/25, the **Pre-incubation for Innovators and Entrepreneurs (PIE) Programme** in collaboration with the **Hong Kong Science and Technology Park (HKSTP)** had supported four proposals and offered each up to \$100,000 seed money for Lingnan entrepreneurs to develop and test their entrepreneurial ideas.



- ◆ Collabdemmy: A platform for enhancing academic collaboration opportunities
- ◆ FinQuest: A hands-free earpiece designed for outdoor sports enthusiasts
- ◆ 游迷局: An AR-powered immersive travel and edutainment platform
- ◆ Thrive.ai: An AI-powered journaling platform designed to support mental well-being

LEI also supported students in exploring and securing funding support. A notable example is the team Nawal, a social enterprise promoting modest fashion in Hong Kong, offering professional attire options that respect cultural values. Nawal received funding from the **Social Innovation and Entrepreneurship Development Fund of the HKSAR Government** and was named a **Top 8 finalist** in the 2024/25 Hong Kong Social Enterprise Challenge.



### 4.3 Training and Exposure

LEI has been empowering students with the knowledge and skills to identify societal challenges and opportunities. They are equipped with design thinking and problem-solving skills in the university's entrepreneurship training and workshops that foster creativity, innovation and entrepreneurship. For the performance indicator "**Student engagement in start-ups and entrepreneurship**" as assessed under the University Accountability Agreement by the University Grants Committee (UGC), Lingnan **ranks top** among the eight UGC-funded universities with a student participation rate at 22.6%. This is a clear testimony to Lingnan's commitment to promoting entrepreneurship. We are excited to see that Miss Peggy Yuen, a social entrepreneur and a graduate of Lingnan, has been named one of the **Forbes 30 Under 30 Asia 2025** for her contribution to educational technology.

#### Nurturing Student Innovators through Competitive Challenges

Lingnan students were encouraged to put their ideas to the test, and to participate in a diverse array of bootcamps and competitions. In the reporting year, LEI actively promoted more than 10 such events that provided students with **pre-event training**, guidance, and support in **personalised consultation, advising, and mentorship** to foster a culture of hands-on learning and real-world problem solving.



National Youth Innovation & Entrepreneurship Competitions



Cartier: Energise Entrepreneurship & Resilience in HK



Techathon+



Hong Kong Social Enterprise Challenge

### International Innovation & Entrepreneurship Trips

#### Humanitarian Technology Summer Research programme

Beyond campus, a variety of international programmes were designed to broaden students' global exposure. In the **Humanitarian Technology Summer Research programme**, students had spent 12 weeks at the Centre for Global Engineering of the **University of Toronto**, and a student had an 8-week placement at the Design Lab of the **University of Tokyo**.

#### Joint Humanitarian Entrepreneurship Winter / Summer Academy

- Winter Academy: 1-9 Jan 2025, Philippines
- Summer Academy: 27 May - 9 Jun 2025, Philippines



*Portable and Affordable Incubator for Infants in Tingloy*



*Sustainable Oyster Aquaculture in San Juan*

## 5. Commercialisation and Industrial Collaboration

Thanks to the Innovation and Technology Commission (ITC) of the HKSAR Government for having newly included Lingnan as one of the designated universities to receive funding support for Technology Transfer Offices (TTOs), the University has **enhanced its capacity in IP protection and management**, and **accelerated the promotion of technology transfer, industrial collaborations, commercialisation and licensing**.

### 5.1 Protection of University Intellectual Property Rights



#### **Building up the TT Pipeline**

The IP Clinic of ORKT assists staff and students in the protection and commercialisation of the University's IP rights. Services include **patent filing, IP registration**, and **consultations on patentability**. In the reporting period, the University's **IP policy and administrative framework** were refined to enhance and accelerate the process. The TT team of ORKT reaches out to academics, staff and units to explore and work on

patent filing and **collaborations between academia and industry**. Briefing sessions were conducted and professional support was offered.

### Patent Filing

In the reporting period, **37 new patent applications** were filed in the US, the Chinese Mainland, and Hong Kong, and two were granted. The number of filings was a 150% growth over the all years before.

### ORKT Technology Transfer e-Newsletter

This is a **new initiative** that shares updates and news on the **technology ecosystem** with Lingnan staff and students. It **fosters awareness and engagement in innovation and collaboration**. Since its launch in September 2024, five bi-monthly issues have been published.



## 5.2 Lingnan University Technology Transfer Forum in Qianhai (前海), Shenzhen



Organised by ORKT, Lingnan successfully held its first-ever **Technology Transfer Forum** in February 2025 in Qianhai, Shenzhen. With the theme “Building a Smart Future for Sustainability”, the Forum had brought together about 160 government officials, industry practitioners, scholars and students from the Greater Bay Area and beyond to explore some latest development in technologies and opportunities of collaboration. Following the opening remarks by Prof Xin YAO, Vice-President (Research and Innovation) of Lingnan, presentations on 15 cutting-edge technological advancements in the 4 areas of “New Energy, New Material, New Data and New Humanity (新能源、新材料、新数据、新人文)” were given by 10 Lingnan professors.

In a speech on video, **Dr Ming GE, Commissioner for Industry (Innovation and Technology)** of the HKSAR Government’s Innovation, Technology and Industry Bureau, **commended Lingnan for integrating humanities with science** and promoting the application of innovation and technology to serve the community.

President S. Joe QIN of Lingnan moderated the summit dialogue session in which insights and practical experiences were shared with senior colleagues and Dr Renchen LIU, Executive Deputy Dean of Research Institute of Tsinghua University in Shenzhen and Mr Leo LIU, Vice President of International Business and General Manager of North APAC & SEA of Alibaba Cloud Intelligence. The Forum had attracted wide media coverage in some 30 reports.

### 5.3 Celebrating a milestone achievement at the 50th International Exhibition of Inventions Geneva

In April 2025, Lingnan achieved a historic milestone at the **50th International Exhibition of Inventions Geneva** in winning **five awards**. A total of six groundbreaking inventions were showcased at the exhibition, earning one **Gold Medal with Congratulations of the Jury**—the first time the University has achieved this



honour—along with two Silver Medals and two Bronze Medals, making the number of Lingnan’s participating and winning projects a record high. Inventions exhibited were in intelligent transport, digital security, carbon neutral technology and humanitarian technology, which well demonstrated Lingnan’s strength in innovation and contribution to society. Details of the award-winning inventions are at: <https://www.ln.edu.hk/news/press-releases/20250413/lingnan-university-shines-at-international-exhibition-of-inventions-geneva-winning5-prizes-record-breaking-number-of-exhibitors-and-awards-winning-achievements>.

### 5.4 Lingnan shines at the 4th Asia Exhibition of Innovations and Inventions



In December 2024, Lingnan participated for the **first time in the Asia Exhibition of Innovations and Inventions Hong Kong** held at the Hong Kong Convention and Exhibition Centre, and won three awards, including **1 Gold Medal and 2 Silver Medals**, among more than 140 innovative projects from all over Asia. The three award-winning projects, which apply AI technology to address technological challenges faced by different sectors of society, were developed by a research team led by Prof Sam KWONG, Associate Vice-President (Strategic Research). Highlights of the award-winning projects are at:

<https://www.ln.edu.hk/orkt/innovation-and-impact/technology-transfer/event-highlights/4th-asia-exhibition-of-innovations-and-inventions-hong-kong>.

### 5.5 Lingnan humanitarian invention wins 2024 Good Design Award Best 100

The mini air purifier **PureAura**, designed and developed by LEI, received the **2024 Good Design Award Best 100** at the Good Design Award Exhibition 2024, which was held on 1-5 November 2024 in Tokyo. The jury praised PureAura’s advanced design, saying that it demonstrates the capability of design to **address deeply rooted societal issues**.

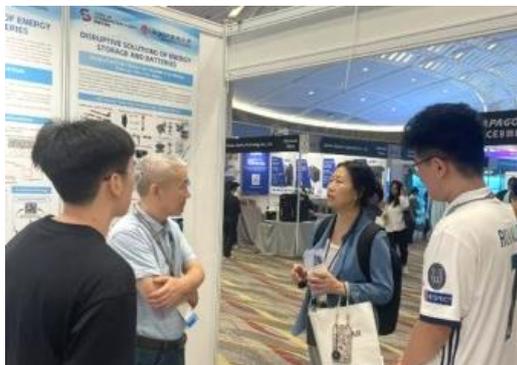


Founded in 1957, the Good Design Award is one of the most important international design awards, organised by the Japan Institute of Design Promotion. Among 5,773 entries in 2024, Lingnan was the only tertiary institution in Hong Kong selected as a winner of the Good Design Award Best 100.

## 5.6 Outreaching at key I&T events and trade fairs

Lingnan spares no efforts in **showcasing its innovations for commercialisation**, and **building networks and collaboration opportunities**. In addition to regional and international exhibitions, we took part in several **key I&T events** organised by the **Hong Kong Trade Development Council**, and the **Innovation, Technology and Industry Bureau**.

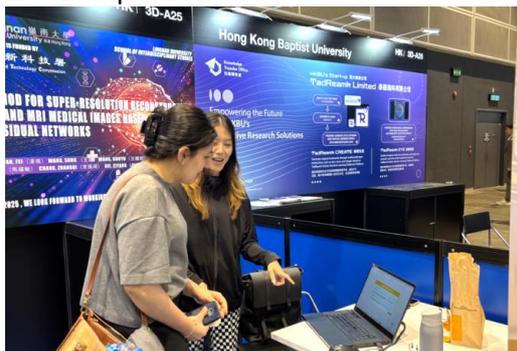
**Hong Kong Electronics Fair (Autumn Edition)**  
13-16 October 2024



**InnoCarnival**  
26 October - 3 November 2024



**Hong Kong Electronics Fair (Spring Edition)**  
13 - 16 April 2025



**InnoEX (HK International Innovation and Technology Expo)**  
13 - 16 April 2025



## 5.7 Unlocking opportunities for industrial collaboration

ORKT actively promotes the university's technologies to **potential industry partners and licensees**, and reaches out to build relationships for collaborations. Collaborations include **joint research projects, sponsored research, and technology development initiatives**.

**Visit by Shenzhen New Material Association**



**IP Alliance Forum 2025 in Foshan (佛山)**



## Visits to Industries



MMC Biotech Co., Ltd



Foshan Dongfang Medical Equipment Factory Co., Ltd

## 6. Social Impact and Support for Community

Lingnan is committed to making social impact in a wide range of **R&D, social engagement and cultural projects**, as exemplified in the three **Impact Cases** below.

### Case 1: Listening to the stories of subdivided unit (劏房) residents

Since 2021, Prof Ruby LAI of the Department of Sociology and Social Policy has been studying the lives of families in subdivided units, and has visited 50+ households across the New Territories and Kowloon. Her research paper *“The effect of dwelling size on the mental health and quality of life of female caregivers living in informal tiny homes in Hong Kong”* published in the *BMC Public Health* revealed the impact of informal housing, particularly dwelling size, on **female caregivers’ risk of stress, anxiety and depression**, and on **health-related quality of life**.

To **create the direct touch and social impact**, Prof Lai has transformed her research into an **art exhibition “My Belongings, My Sound Stories in 118.4 sq.ft.”** in collaboration with Hong Kong artists Ms Miu LAW and Mr Victor SHAM.

To **raise public awareness** of recent policies on basic housing units and to encourage active engagement in policy discussions, the exhibition highlighted the narratives behind the possessions and every day labour of subdivided unit residents, showing how residents used their invisible domestic labour to transform an inadequate domestic space into functional and livable homes. The **intricate connections between housing conditions, individual and family well-being**, and the **social policies** were highlighted in shaping our living environments and everyday experiences in urban and domestic spaces.



### Social and Policy Impact

The exhibition offers four audio-guided tours taking visitors to reflect on the Kwai Chung community. Upon the tours, a social worker Ka-chun commented with deep feelings that while research often presents dull statistics, this exhibition **breathes life into the community’s everyday stories**, making it easier for people to grasp the realities of living in subdivided flats. Discussions with visitors on housing issues and policies had given Prof Lai valuable insights and reinforced the impact of her work.

## Case 2: Advocating humanitarian technology for the underprivileged

The Lingnan Entrepreneurship Initiative (LEI) has been advocating humanitarian technology (HT) on practical solutions that address social challenges. In various innovative projects, LEI has demonstrated how **affordable technology with innovative design** can create impact by **improving the welfare of underprivileged communities**.

Over the past few years, LEI has been working on HT projects such as the CREW Wheelchair Control System, the 12° Mask (a transparent mask for barrier-free communication), and affordable air purifiers to improve air quality especially for people living in subdivided units (劏房). These projects and inventions have received international recognition and design awards including **Gold and Silver Medals at the International Exhibition of Inventions Geneva, Gold Winner of iF Design Awards, Good Design Award (Best 100), and Gold Winner of MUSE Design Awards**. In partnering with **NGOs, local government departments, and community organisations**, LEI makes sure that its projects are relevant and beneficial. Examples include partnerships with **local district offices and associations** in distributing the air purifiers to underprivileged households, thus **amplifying the reach and impact** of the innovations.



Another notable and recent HT project is **Incuvia** – a **revolutionary portable baby incubator** designed to address **neonatal care shortages in remote and rural communities in developing countries**. Led by Prof Albert KO of LEI, the team designed and developed the incubator which features rapid temperature stabilisation, solar-powered battery backup, and intuitive fault-detection systems, empowering frontline workers in low-resource communities to save newborn lives with minimal training. At the **50th International Exhibition of Inventions Geneva**, the invention won the **Gold Medal with Congratulations of the Jury** - the first time the University has achieved this honour.

During the Joint Humanitarian Entrepreneurship Summer Academy organised by LEI, Lingnan students visited the Super Health Center in Tingloy and Batangas Medical Center, conducted interviews with healthcare professionals and tested the prototype. The feedback received helped guide improvements to the incubator prototype, ensuring it evolves into a reliable, life-saving tool that offers vulnerable newborns the warmth and care needed for a healthy start.

To further exemplify its commitment to advancing the **United Nations' Sustainable Development Goals (SDGs)**, the University is proposing to set up a **Humanitarian Innovation and Technology Hub** in collaboration with the **United Nations University**. The hub will focus on addressing global challenges through HT design and development, capacity building, outreach and advocacy, thus contributing to **SDG 3 Good Health and Well-being, SDG 6 Clean Water and Sanitation, and SDG 10 Reduced Inequalities**.

## Case 3: Enhancing Chinese history education and cultural impact

Led by Prof Chi Pang LAU of the Hong Kong and South China Historical Research Programme (HKSCHRP), Lingnan is honoured to organise the **Chinese Mainland study tour component of the "Wisdom of History" Programme for the Education Bureau** of the HKSAR Government which supports teachers in strengthening their subject knowledge through real-world learning. The experiential learning enables teachers to connect curriculum content with historical sites and

artefacts, allowing them to **transform historical knowledge into inspiring teaching materials** that help cultivate students' historical perspective and national consciousness. It also encourages the **appreciation and preservation of China's historical and cultural heritage**.

As part of the "Wisdom of History" programme, the Guangzhou study tour organised by the HKSCHRP is a compulsory component of 18 hours. Designed in alignment with the junior secondary Chinese history curriculum, there are three thematic routes of the tour:

1. Prehistoric to Tang Dynasty (for Secondary 1)
2. Song to Qing Dynasties (for Secondary 2)
3. Republic of China to the People's Republic of China (for Secondary 3)

### Quality Education and Cultural Impact

The study tour helps secondary Chinese History teachers explore historical and cultural relics in different periods, and deepens their understanding of the rich history and heritage of our country, thereby **enhancing the professional knowledge and capacity of teachers**. **Dr Yuk-lin CHOI, Secretary for Education, expressed gratitude to Lingnan for leveraging its academic strengths** to support the implementation of this meaningful initiative. Prof Chi Pang LAU of the



HKSCHRP is a leading scholar with extensive expertise in the intellectual history of the Song to Qing dynasties, Hong Kong history, and Chinese chronicles. He has been successful in raising funds in millions for many projects in which he is actively involved – cultural preservation, museum work, town planning, environmental protection, and **safeguarding the intangible cultural heritage**. The collaborative efforts of HKSCHRP in the Education Bureau's "Wisdom of History" Programme demonstrated Lingnan's commitment to transforming scholarly research into social and cultural impact.

## 7. Way Forward

With the conviction of bringing research outcomes and technology closer to society and humanity, LU academics actively engage in different sectors of profession for knowledge transfer, and have demonstrated notable performance in securing funding through consultancies, contract research, social projects, and professional development courses. These engagements leverage the expertise of our faculty members and researchers to address societal challenges and industry needs. In spite of the University's relatively smaller size, we have extended our research and impact to focus on:

- ◆ Fostering impactful research beyond academia to address major societal challenges
- ◆ Promoting interdisciplinary and multidisciplinary research
- ◆ Mapping societal needs and areas in which the University excels
- ◆ Offering advanced study and opportunities for innovations
- ◆ Deepening connections in the Guangdong-Hong Kong-Macao Greater Bay Area (GBA) and beyond to expand our R&D work and collaborative networks

In support of the HKSAR Government's priority and advocacy, Lingnan University endeavours to develop Hong Kong into an international education hub, and conduct research that is useful and beneficial in addressing local and global challenges of industries and society.

**Key Performance Indicators**  
(Data 1 July 2024 – 30 June 2025)

Key Performance Indicators			Last Year 2023/24	This Year 2024/25
1a.	Number of patents filed in the year		1	37
1b.	Number of patents granted in the year		---	2
2.	Number of on-going contract researches and income thereby generated	Number of projects	35	34
		Cumulative income from projects	\$20,811,044	\$24,355,635
		Total contract value	\$29,756,346	\$34,845,683
3.	Number of on-going social projects and income thereby generated	Number of projects	34	43
		Cumulative income from projects	\$73,894,032	\$74,075,986
		Total contract value	\$136,030,356	\$122,123,887
4.	Number of professional projects including consultancies, and income thereby generated	Number of projects	22	22
		Cumulative income from projects	\$7,723,001	\$7,757,008
		Total contract value	\$14,494,327	\$11,470,402
5.	Income received from Continuing Professional Development (CPD) courses		\$226,365,369	\$323,790,093
<b>Total Income for Items (2)+(3)+(4)+(5)</b>			<b>\$328,793,446</b>	<b>\$429,978,722</b> <span style="color: green;">↑31%</span>

		Last Year	This Year
Key Performance Indicators		2023/24	2024/25
6.	Number of public lectures and talks delivered in the year	186	224
7.	Number of performances arts (music, dance, drama, etc.) delivered in the year	1	4
8.	Number of exhibitions conducted in the year	11 (3 on campus, 8 off campus)	21 (2 on campus, 19 off campus)
9.	Number of other KT activities conducted in the year	531  <u>including:</u>  - KT projects/ activities, and professional training: 292  - KT activities in Entrepreneurship and Innovation: 129  - KT activities in Service Learning: 110	385  <u>including:</u>  - KT projects/ activities, and professional training: 235  - KT activities in Entrepreneurship and Innovation: 54  - KT activities in Service Learning: 96
<b>Total Number of Social, Community and Cultural Engagement in Items (6)+(7)+(8)+(9)</b>		<b>729</b>	<b>634</b>
10.	Innovation and Impact Fund (IIF) - KT Programme as supported by the UGC KT Fund – no. of new, on-going & completed projects	10	9
11.	Number of staff engaged as members of external advisory bodies including professional, industry, government, statutory or non-statutory bodies	33 staff members (taking up 97 roles on advisory bodies)	34 staff members (taking up 94 roles on advisory bodies)
12.	Number of download count of thesis, books and journal papers from “Lingnan Repository” by the public	150,677	264,974
13.	Total number of beneficiaries from KT projects / activities	118,000	126,000

## Project List

### *Newly funded in 2024/25*

#### **Entrepreneurship Programme**

- 1) GPT explorer
- 2) LLM-based multi-agent collaboration system
- 3) Thrive.ai: AI-powered self-development and journaling for student success

#### **KT Programme**

##### **I. Business and Economy, Raising Professional Standards**

- 4) From research to reality: Enhancing the impact of the mosquito risk index and GeoAI platform

##### **II. Building a Caring and Understanding Society**

- 5) Energising Hong Kong: An interactive platform for learning about renewable energy in Hong Kong
- 6) Enhancing elderly services through knowledge sharing and capacity building in the Greater Bay Area

##### **III. Revitalising Heritage, Arts and Culture Outreach**

- 7) From virtual to reality: Training future film talent with CineSim

### *Completed in 2024/25*

#### **KT Programme**

##### **I. Business and Economy, Raising Professional Standards**

- 1) Train the trainers – Developing a practical handbook to inform systematic and comprehensive capacity building for university residential tutors
- 2) Developing a play-based, emotion-regulation training programme for preschoolers in Hong Kong
- 3) Constructing a “Carbon Neutrality Index” for the Small and Medium-sized Enterprises in Hong Kong
- 4) Cognitive profile and neural characteristics of gifted and typically developing students
- 5) Acoustic-based contact-free gesture recognition for human-computer interaction

## Projects newly funded in this reporting year

### Entrepreneurship Programme

#### 1. GPT Explorer



- To provides players with an immersive experience through dialogue with virtual characters, allowing them to explore an imaginary world, solve puzzles, and shape the development of the story

**Student Team Leader:**

Alvin CHAN, Lingnan undergraduate student

#### 2. LLM-based Multi-Agent Collaboration System



- To develop an LLM Search Engine and Multi-LLM Collaboration System that automatically evaluates and compares the capacity and performance of each model to help users find and select the most suitable one that can best complete their problems and tasks

**Student Team Leader:**

Yernur KUANYKOV, Lingnan undergraduate student

#### 3. Thrive.ai: AI-Powered Self-Development and Journaling for Student Success



- To enhance emotional self-awareness, stress management and improve academic performance and daily productivity of students

**Student Team Leader:**

Kameta TURAR, Lingnan undergraduate student

# KT Programme

## I. Business and Economy, Raising Professional Standards

### 4. From research to reality: Enhancing the impact of the mosquito risk index and GeoAI platform



- To refine and promote the GeoAI-powered Mosquito Risk Index and platform to enhance mosquito-borne disease prediction and control in Hong Kong

**Target beneficiaries:** Government sector, NGOs, charity groups and the general public

**Project Leader:** Prof Paulina WONG, Science Unit, School of Interdisciplinary Studies

## II. Building a Caring and Understanding Society

### 5. Energising Hong Kong: An interactive platform for learning about renewable energy in Hong Kong

Energizing Hong Kong			
Electricity	Solar	Wind	Ocean
Nuclear	Hydropower	Biomass	Storage
Hong Kong's Climate Action Plan 2050	Useful Resources	Waste	

- To develop an online platform to educate the public, especially children and young generations, about renewable energy in Hong Kong

**Target beneficiaries:** General public, children and young generations, educators, parents, environmental activists and policymakers interested in renewable energy

**Project Leader:** Prof LYU Cheng, School of Interdisciplinary Studies

### 6. Enhancing elderly services through knowledge sharing and capacity building in the Greater Bay Area



- To strengthen industry collaboration and improve elderly care services across the Greater Bay Area

**Target beneficiaries:** Senior executives and staff members of elderly care institutions, care practitioners, policymakers, care takers and caregivers

**Project Leader:** Prof SHI Cheng, School of Graduate Studies

### III. Revitalising Heritage, Arts and Culture Outreach

#### 7. From virtual to reality: Training future film talent with CineSim



- To enhance media literacy, storytelling skills, and industry exposure for young creatives

**Target beneficiaries:** Secondary school students in Tuen Mun, Tin Shui Wai and Yuen Long, and district council members

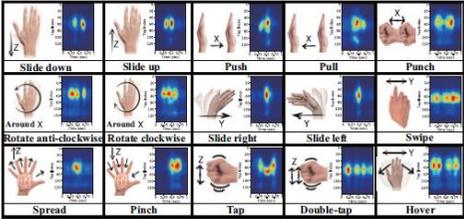
**Project Leader:** Mr Toby KAN, Department of Digital Arts and Creative Industries, Faculty of Arts

I. Business and Economy, Raising Professional Standards				
Project Title Project Leader	Performance Indicators			
	Beneficiary Types	Quantitative Indicators	Qualitative Indicators	No. of External Partners
<p>1 <b>Train the trainers – Developing a practical handbook to inform systematic and comprehensive capacity building for university residential tutors</b> Prof Michelle CHENG, School of Graduate Studies</p> 	<ul style="list-style-type: none"> <li>◆ Student affairs offices, hall tutors and wardens of universities in Hong Kong</li> </ul>	<ul style="list-style-type: none"> <li>◆ 300 printed handbooks were disseminated to residential halls and student affairs offices of the eight public universities in Hong Kong</li> <li>◆ 3 tutor training workshops were successfully conducted</li> <li>◆ A LinkedIn post promoting the handbook reached 1,142 impressions and 612 unique views</li> <li>◆ 92.4% of workshop participants reported satisfaction with the training</li> </ul>	<ul style="list-style-type: none"> <li>◆ Positive feedback was received from workshop participants indicating that the training was well-prepared, practical, and relevant to their roles as hall tutors</li> <li>◆ The handbook and training successfully enhanced participants' role as hall tutors</li> <li>◆ Appreciation emails were received from handbook readers who commended that the handbook provided a good insight for their residential tutorial system</li> </ul>	2
<p>2 <b>Developing a play-based, emotion-regulation training programme for preschoolers in Hong Kong</b> Prof Vivian LUN, Department of Psychology, Faculty of Social Sciences</p> 	<ul style="list-style-type: none"> <li>◆ Kindergarten teachers, young children and their parents</li> </ul>	<ul style="list-style-type: none"> <li>◆ A briefing session for 14 teachers was conducted at the school</li> <li>◆ Two briefing sessions were conducted for 20-30 parents in each session</li> <li>◆ 105 caregivers participated in the programme at different stages</li> <li>◆ A total of 29 one-hour training sessions were delivered to children</li> <li>◆ 82.3% of children attended 70% of all training sessions</li> </ul>	<ul style="list-style-type: none"> <li>◆ Heightened parents' and teachers' awareness about children's psychological well-being</li> <li>◆ Positive feedback was received from parents that the programme was useful in helping their children to learn about emotion and emotion regulation</li> <li>◆ Participating children showed significant improvement in their emotion comprehension, emotion regulation and prosocial behaviours</li> <li>◆ The kindergarten enrolled in the 3Es Project of the Education Bureau to enhance teachers' competence</li> </ul>	2

**I. Business and Economy, Raising Professional Standards**

Project Title Project Leader		Performance Indicators			
		Beneficiary Types	Quantitative Indicators	Qualitative Indicators	No. of External Partners
3	<p><b>Constructing a “Carbon Neutrality Index” for the Small and Medium-sized Enterprises in Hong Kong</b> Prof LIANG Liping, Hong Kong Institute of Business Studies, Faculty of Business</p> 	<ul style="list-style-type: none"> <li>◆ Catering companies</li> <li>◆ Industry associations and concerned groups in Hong Kong and the Greater Bay Area</li> </ul>	<ul style="list-style-type: none"> <li>◆ 328 survey responses were collected</li> <li>◆ Two reports on carbon neutrality from the perspective of consumers and catering enterprises respectively were completed and publicised to the public</li> <li>◆ Two surveys were conducted to identify obstacles and opportunities for carbon neutrality in catering industry</li> </ul>	<ul style="list-style-type: none"> <li>◆ A carbon neutrality index specially for the catering industry consisting of 3 dimensions was established</li> <li>◆ Identified the opportunities for the catering industry in attaining carbon neutrality</li> <li>◆ Enhanced the public awareness of carbon neutrality</li> <li>◆ Positive feedback was received from industry associations and individuals</li> </ul>	<ul style="list-style-type: none"> <li>◆ This project is solely conducted by the project team</li> </ul>
4	<p><b>Cognitive profile and neural characteristics of gifted and typically developing students</b> Prof Kelvin LUI, Department of Psychology, Faculty of Social Sciences</p> 	<ul style="list-style-type: none"> <li>◆ Gifted students</li> <li>◆ Typically developing students</li> <li>◆ Parents and teachers</li> </ul>	<ul style="list-style-type: none"> <li>◆ A psychology programme was designed and delivered to the gifted students</li> <li>◆ 33 gifted students were recruited to participate in the project</li> <li>◆ 20 gifted students and 12 typically developing students were recruited to participate in the research</li> <li>◆ 32 individual reports were provided to the participating students</li> <li>◆ A summary report was sent to 80 schools and HKAGE</li> <li>◆ A talk was organised for interested teachers, parents and students</li> </ul>	<ul style="list-style-type: none"> <li>◆ Provided participating students with suggestions on their learning</li> <li>◆ Positive feedback was received from students and partner that the programme broadened the students’ horizons in the scope of Psychology and many of students have decided to further study this discipline at university</li> <li>◆ Parents and students commended that the talk was informative and indicated that they would recommend it to others</li> </ul>	1

**I. Business and Economy, Raising Professional Standards**

Project Title Project Leader		Performance Indicators			
		Beneficiary Types	Quantitative Indicators	Qualitative Indicators	No. of External Partners
5	<p><b>Acoustic-based contact-free gesture recognition for human-computer interaction</b> Prof SHEN Jiaxing, School of Data Science</p> 	<ul style="list-style-type: none"> <li>◆ Gamers playing VR games</li> </ul>	<ul style="list-style-type: none"> <li>◆ 22 users participated in the survey on the use of contact-free gesture recognition technology</li> <li>◆ A demo system was developed and demonstrated in a lab setting</li> <li>◆ One patent application for the developed technology is in progress</li> </ul>	<ul style="list-style-type: none"> <li>◆ The demo system provided clear and immediate on-screen feedback after each gesture, demonstrating its real-time recognition capabilities, contributing to the need for convenience and hygiene benefits</li> </ul>	1

# SUSTAINABLE DEVELOPMENT GOALS



## KT PROJECTS BY SDG

### ANNEX 4

SDG	Project
<p><b>3 Good Health and Well-being</b></p> 	<ul style="list-style-type: none"> <li>▪ Enhancing elderly services through knowledge sharing and capacity building in the Greater Bay Area</li> <li>▪ Enhancing the impact of the mosquito risk index and GeoAI platform</li> <li>▪ Life Story and Epitaph</li> <li>▪ Strengthening understanding of China’s care system</li> <li>▪ The role of the digital economy in retirement preparation and the silver market for eldercare in Hong Kong</li> <li>▪ 跨代共學中醫藥</li> <li>▪ HK Children Happiness and Life Education Index</li> <li>▪ Happy Child: Play, talk and understand</li> <li>▪ Effectiveness study of the <i>Flying Elephants Youth Positive Thinking Enlightenment Programme</i></li> <li>▪ Digital versions of the memory treasure hunt</li> <li>▪ Jockey Club Gerontechnology and Smart Ageing in Place Project</li> <li>▪ 中醫藥在精神健康領域之推廣</li> <li>▪ Embracing Ageing - Health Management and Promotion Programme</li> <li>▪ Cognitive profile and neural characteristics of gifted and typically developing students</li> <li>▪ Elite Performance: Uncovering the cognitive neural differences between elite young athletes, average young athletes, and normal young people through resting state EEG and task-related ERP measures</li> <li>▪ Evaluation study on the feasibility and impact on <i>A Classroom Without Age Programme</i></li> </ul>
<p><b>4 Quality Education</b></p> 	<ul style="list-style-type: none"> <li>▪ Empowering youth as future leaders of sustainability</li> <li>▪ e-Learning resources and mobile learning initiatives to support the implementation of the Secondary History Curriculum</li> <li>▪ From virtual to reality: Training future film talent with CineSim</li> <li>▪ I&amp;E in Shanghai &amp; Hangzhou</li> <li>▪ Professional Guangzhou study tours for non-subject-trained Chinese history teachers</li> <li>▪ ICH Domain 2.0 - Programme development and training services</li> <li>▪ Professional seminars for teachers to enhance history education</li> <li>▪ Professional development programmes on English language and</li> </ul>

SDG	Project
	<p>literature in English learning and teaching</p> <ul style="list-style-type: none"> <li>▪ AI for Chinese Culture and History</li> <li>▪ e-Learning and teaching resource materials and professional development programmes about the historical development of Hong Kong</li> <li>▪ Linking You to Innovation - Entrepreneurial Training and Internship Programme</li> <li>▪ Jockey Club ICH+ Innovative Heritage Education Programme</li> <li>▪ Cognitive profile and neural characteristics of gifted and typically developing students</li> </ul>
<p><b>8 Decent Work and Economic Growth</b></p> 	<ul style="list-style-type: none"> <li>▪ Start-ups incubation and entrepreneurial activities in the GBA</li> <li>▪ Creating youth commons: Supporting deprived youth</li> <li>▪ Enhancing organisational competitive advantage on human capital through leadership</li> <li>▪ Linking You to Innovation - Entrepreneurial Training and Internship Programme</li> <li>▪ Migration, Mobility and Labour</li> </ul>
<p><b>9 Industry, Innovation and Infrastructure</b></p> 	<ul style="list-style-type: none"> <li>▪ Big data analysis and knowledge discovery for the taxi industry in Hong Kong</li> <li>▪ LEI innovates tomorrow community level-up programme</li> <li>▪ The effects of a location-based health promotion mobile app on physical activities and chronic low back pain</li> <li>▪ From virtual to reality: Training future film talent with CineSim</li> <li>▪ I&amp;E in Shanghai &amp; Hangzhou</li> <li>▪ Intelligent information-based transport system for smarter traffic and safer mobility</li> <li>▪ Arts and technologies: Theory, applications, and implications for business</li> <li>▪ Integrating ChatGPT with search engine, recommender system and online advertising to enhance user experience on online service platforms</li> <li>▪ Research on Shenzhen metro passenger flow big data dimensionality reduction real-time modeling, congestion alarming and smart commuting methods</li> <li>▪ Enterprise development on digital platform</li> <li>▪ Acoustic-based contact-free gesture recognition for human-computer interaction</li> <li>▪ Medical text feature representations based on pre-trained language models</li> </ul>

SDG	Project
	<ul style="list-style-type: none"> <li>▪ Digital transformation of enterprises</li> </ul>
<p><b>11 Sustainable Cities and Communities</b></p> 	<ul style="list-style-type: none"> <li>▪ Enhancing elderly services through knowledge sharing and capacity building in the Greater Bay Area</li> <li>▪ Enhancing the impact of the mosquito risk index and GeoAI platform</li> <li>▪ ICH Domain 2.0 - Programme development and training</li> <li>▪ Sai Kung Heritage Trail (East Section)</li> <li>▪ Strengthening understanding of China’s care system</li> <li>▪ Jockey Club ICH+ Innovative Heritage Education Programme</li> <li>▪ Hong Kong Chronicles</li> <li>▪ How to Read Chinese Poetry Podcast and Video Programme</li> <li>▪ Chamber of Young Snow Art Exhibition Hall – Chinese Traditional Art and Cultural Sustainability</li> <li>▪ Intelligent information-based transport system for smarter traffic and safer mobility</li> </ul>
<p><b>12 Responsible Consumption and Production</b></p> 	<ul style="list-style-type: none"> <li>▪ Integrating ChatGPT with search engine, recommender system and online advertising to enhance user experience on online service platforms</li> <li>▪ Constructing a Carbon Neutrality Index for the small and medium-sized enterprises in Hong Kong</li> </ul>
<p><b>13 Climate Action</b></p> 	<ul style="list-style-type: none"> <li>▪ A pilot index to benchmark physical climate risk impacts on Hong Kong properties</li> <li>▪ Energising Hong Kong: An interactive platform for learning about renewable energy in Hong Kong</li> <li>▪ Environment and Conservation Fund Forgotten Habitat: Physical environment and biodiversity patterns of Hong Kong intertidal boulder fields</li> <li>▪ Exploring the hidden fish community and fishery value of estuarine mangroves in western Hong Kong waters through environmental DNA metabarcoding</li> </ul>
<p><b>14 Life below Water</b></p>	<ul style="list-style-type: none"> <li>▪ Upcycling fruit waste into nutritious and sustainable aquaculture feeds to enhance fish health</li> <li>▪ A pilot study on the Eurasian otter (<i>Lutra lutra</i>) detection in Hong Kong</li> <li>▪ Exploring the mystery of Chinese Bahaba in Hong Kong western</li> </ul>

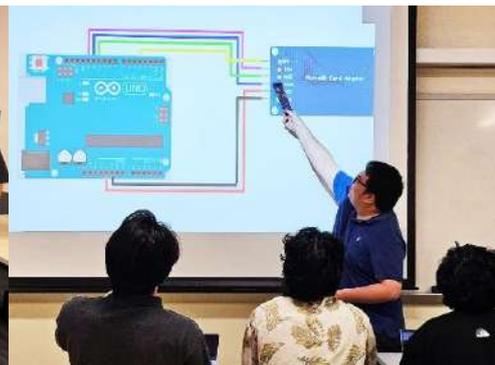
SDG	Project
	<p>waters using revolutionary eDNA techniques</p> <ul style="list-style-type: none"> <li>▪ Environment and Conservation Fund Forgotten Habitat: Physical environment and biodiversity patterns of Hong Kong intertidal boulder fields</li> <li>▪ Estuarine fish biodiversity and food web structure in southern and western Hong Kong waters</li> <li>▪ Using eDNA metabarcoding to monitor the changes in fish communities after the deployment of artificial reefs in South Lantau Marine Park</li> <li>▪ Exploring the hidden fish community and fishery value of estuarine mangroves in western Hong Kong waters through environmental DNA metabarcoding</li> <li>▪ Research and monitoring on Rosy Bitterling <i>Rhodeus ocellatus</i> and freshwater fish at Ho Sheung Heung Area, Sheung Shui</li> <li>▪ A comprehensive survey of the diadromous animals of Lantau: assessment of distribution, population status, and conservation strategies</li> <li>▪ Assessing prevalence of pathogens in endangered freshwater turtle populations</li> </ul>
<p><b>15 Life on Land</b></p> 	<ul style="list-style-type: none"> <li>▪ A pilot study on the Eurasian otter (<i>Lutra lutra</i>) detection in Hong Kong</li> <li>▪ Revitalising farmland ecology to conserve insect pollinators and ecosystem services in Mui Wo</li> <li>▪ A comprehensive survey of the diadromous animals of Lantau: assessment of distribution, population status, and conservation strategies</li> <li>▪ Nature-based greening solutions for insect pollinator conservation and sustainable agriculture development</li> <li>▪ Conservation of Romer’s tree frogs: Assessment of population status across Lantau and impacts of emerging threats</li> </ul>
<p><b>17 Partnerships for the Goals</b></p> 	<ul style="list-style-type: none"> <li>▪ LEI innovates tomorrow community level-up programme</li> <li>▪ Enhancing elderly services through knowledge sharing and capacity building in the Greater Bay Area</li> <li>▪ Jockey Club ICH+ Innovative Heritage Education Programme</li> <li>▪ Jockey Club Gerontechnology and Smart Ageing in Place Project</li> <li>▪ Creating youth commons: Supporting deprived youth</li> <li>▪ New railway projects youth ambassadors programme</li> <li>▪ Empowering youth as future leaders of sustainability</li> </ul>



ANNEX

5

## Lingnan Entrepreneurship Initiative Highlights and Service Learning Projects 2024/25



# Lingnan Entrepreneurship Initiative (LEI)

Performance Indicators	2024/25
No. of community participants	47,932
No. of student participants	575
No. of events and campaigns	39
No. of service hours	2,056

## Capacity Building through Experiential Programmes



Ideation through design thinking

Innovation through design and prototyping

Startup as market validation



# Lingnan Entrepreneurship Initiative (LEI)

## Innovation and Entrepreneurship in GBA Summer Academy

co-organised with Guangdong University of Technology  
addressing challenges faced by rural communities



## University Innovation Fellows Programme by the Stanford d.School

empowered students in implementing  
social innovation initiatives



# Service-Learning and Research Scheme (SLRS) & Trailblazer Programme (TBP)

## Service-Learning and Research Scheme (SLRS)

Performance Indicators	2024/25
No. of beneficiaries	34,178
No. of student participants	977
No. of courses with S-L elements	44
No. of service hours	35,375

## Trailblazer Programme (TBP)

Performance Indicators	2024/25
No. of beneficiaries	2,160
No. of student participants	77
No. of programmes	13
No. of service hours	6,707

# Service-Learning and Research Scheme (SLRS) & Trailblazer Programme (TBP)

## No. of beneficiaries by group

Beneficiaries groups	No. of beneficiaries
Children	660
Chronic Patients	50
Elderly	5,309
Ethnic minorities	1,028
Mentally-ill patients & rehabilitators	635
Poverty	1,375
Social Enterprise/ Startup	2,100
The Public	22,915
Women	336
Work for the Agency itself	50
Youth	1,880

**Total: 36,338**



# Social Innovation and Community Engagement (SICE)

Performance Indicators	2024/25
No. of community participants	21,343
No. of student participants	44
No. of events and campaigns	10
No. of service hours	766

**Carbon Neutral Action**, funded by the **Sustainable Development Fund**, promotes low-carbon living through innovative educational activities, aligning with the HKSAR Government's goal of carbon neutrality by 2050. Two major public exhibitions were organised to raise awareness about the importance of low-carbon living, fostering community understanding and participation in climate action.



## Sustainable Oyster Aquaculture in San Juan

The Oyster Project empowered farmers in San Juan, Batangas by promoting sustainable aquaculture. Students identified challenges like low awareness, inconsistent sizes, limited marketing, and underused byproducts, and proposed value-added products, social media strategies, and improved techniques to boost yield, reduce waste, and expand market reach.