



Annual Report on
Recurrent Funding for
**Knowledge
Transfer**

1 July 2022 to 30 June 2023



Lingnan 嶺南大學
University 香港 Hong Kong

Liberal Arts Education • Transformation For Life
博雅教育 成就一生

*Annual Report on
Recurrent Funding for*
**Knowledge
Transfer (KT)** **2022/23**

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1. Executive Summary

The tagline “**Up & Jump**” this year encapsulates achievements that Lingnan University (LU) has come up with and onwards jumping onto new and elevated platforms. In this report, we corroborate our new advancements in **promoting innovation and entrepreneurship (I&E), talent development, striving for new industrial collaboration and commercialisation, fostering cultural appreciation, and creating social impact for the wider community** in Hong Kong and beyond. There are **infrastructure** projects that physically extend our expertise from the LU campus to the **learning hub in West Kowloon**, and from Hong Kong to the **LU Creative and Cultural Innovation Research Institute in Qianhai**.

We have made significant progress in expanding our **support for innovation and start-ups** into the **Greater Bay Area (GBA)**. Funding support, incubation and related resources are made available to help young entrepreneurs succeed in this dynamic and fast-growing market. Our strength in **humanitarian innovation** has resulted in winning a **Silver Medal** at the **48th Geneva International Exhibition of Inventions**. In addition, LU has partnered with **Huawei ICT Academy** to engage the wider community in enhancing ICT literacy for all age groups.

With wholehearted backing from our alumni, and by leveraging the pilot fund provided from UGC’s KT Fund, the new **LU Entrepreneurship Fund** was successfully launched to support **students as well as young alumni** to pursue their entrepreneurial dreams. An **Impact Case Support Fund** was also created to provide stronger funding support for academic departments to build **strong cases of social impact**.

Our continuous efforts to boost **Government-Industry-Academia Collaborations** was further elevated with new KT projects like the one supported by the **\$8.5 million Smart Traffic Fund**. We are gratified to see our total KT income in 2022/23 having risen by **47%** to \$259 million, including increases in cumulative income from on-going **contract research** projects and **social projects** by **68%** and **24%** respectively.

We endeavour to lead our young ones to embrace **Environmental, Social, and Governance (ESG)**, and have devised a model of **Inclusive Business practice** for sustainable impact in Asia. Nine institutions in the Philippines were engaged to promote that. Our commitment to **UN’s Sustainable Development Goals (SDGs)** through KT is elaborated in Annex 4.

Thanks to UGC’s KT Fund that we have utilised to support our **Innovation and Impact Fund (IIF)**, 7 new projects were funded in 2022/23, spanning our KT themes of **arts and culture outreach** and **raising professional standard** as shown in Annex 3.2. A representative one is the project to design a **contact-free gesture recognition** system with high recognition accuracy and low-cost to **benefit people with disabilities** and the general public.

In the five Impact Cases in Section 6 of this report, our faculty members have created significant impact in **protecting endangered freshwater turtles** through **policy advocacy**; **promoting smart ageing** through **gerontechnology**; **raising public awareness** of possible **discrimination against ethnic minorities**; launching the first-ever **Hong Kong–Chinese Mainland Economic Integration Index**; and innovating low-cost **air purifiers for subdivided units**. All these exemplify our ardent commitment to the UN’s SDGs.

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

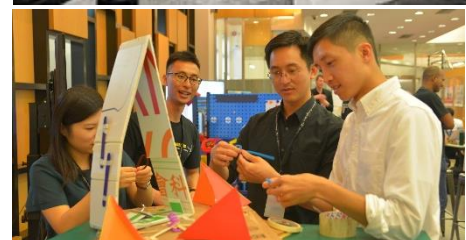
2.1 LU Entrepreneurship Fund

To encourage and support our **students and young alumni** to turn **ESG** focused start-up projects in Hong Kong and the Greater Bay Area into reality, we had successfully raised funds from the **Lee and Man Paper Lingnan Walkathon 2023 – Walk for Start-ups!** in 2023 and the Lingnan University Gala Dinner, and from then had established the LU Entrepreneurship Fund. **Entrepreneurial guidance and advice** is provided by a team of advisors from alumni and industry practitioners in entrepreneurship for teams applying for funding support. New perspectives and more innovative opportunities are expected to be generated. The enthusiasm of LU Council and Court members, alumni, staff and students was boosted by the participation of the **Honourable Paul CHAN Mo-po, the Financial Secretary of the HKSAR Government.**



2.2 LU Barn for idea creation

The new **LU Barn** on campus has been open since January 2023 to offer a **technology-rich amenity** for collaborations among staff and students in STEM creation and entrepreneurship. Equipment for prototyping and ideation are available to cultivate design thinking and an entrepreneurial culture. **New technology zones comprising the LU Barn, Incubation Zone and Design Thinking Zone** are taking shape as a synergy to facilitate activities and courses in **human-centred design innovation, humanitarian technology** and **inclusive entrepreneurship.**



2.3 Impact Case Support Fund

Apart from supporting projects of KT and entrepreneurship with our Innovation and Impact Fund (IIF), which utilises UGC's KT Fund, the University has set up the new **Impact Case Support Fund** as another infrastructural development. **Stronger funding support** up to three years was approved for **13 projects** at a total amount of **\$1.04 million** in the reporting year for academic departments to build substantial cases of high impact.

2.4 New hub for talent development

LU is setting up a new off-campus learning hub **Lingnan@WestKowloon** in the **M+ Tower** of West Kowloon Cultural District. Located in the strategic transport hub in the Greater Bay Area, our new place and facilities will serve as an **exchange hub for talents, professional development,** and interactions with **partner organisations.**



3. Mainland and International Collaboration

3.1 Boosting cultural and creative industries development in Qianhai

To promote the development of cultural and creative industries in the Qianhai Cooperation Zone, LU and **The Authority of Qianhai** signed a **strategic cooperation agreement** in March 2023 for the establishment of the **Lingnan University Creative and Cultural Innovation Research Institute (Shenzhen Qianhai)**. LU is the first local university to establish an official institute in Qianhai. A Qianhai-based think tank under the institute will conduct in-depth research on **public policy, digital governance innovation, industrial research and development, and urban governance**. A School of Graduate Studies is planned to be set up in Qianhai to nurture all-round talents for **youth development in the Greater Bay Area**.



3.2 Nurturing ICT talents

LU has partnered with **Huawei ICT Academy** to work closely together to engage the wider community in enhancing the information and technology literacy of people of different age groups. Under a Memorandum of Understanding signed in March 2023, ICT education will also be offered for young professionals through the Academy.



3.3 Inclusive Business practice for sustainable impact in Asia

The **Asia Inclusive Business Hub (AIB Hub)**, which LU leads, is a network of universities and academics trained and committed to **localising and scaling up Inclusive Business practice in Asia** through a series of capacity-building programmes. The hub is supported by the **BoP Innovation Center (Bopinc)**, a non-profit organisation in the Netherlands that supports micro-entrepreneurs, NGOs, start-ups, SMEs and multinationals in **creating commercially and socially viable business models and activities**.



In February 2023, LU and nine universities in the Philippines signed a Memorandum of Understanding for building a collaborative platform for **academics, social innovators and small business owners** to learn and apply the **Inclusive Business (IB) framework**, and to help small business owners develop **innovative business solutions that improve livelihood and resilience**. The platform will accelerate IB research, education and implementation in Asia, and generate novel case studies enriching the global IB community.

The Hub had organised a **5-day experiential workshop** on the LU campus with participants from the Philippines, London, Toronto and Hong Kong, and a **3-day Inclusive Business Accelerator Programme in Manila** to upskill partner universities in the Philippines in sustaining **Humanitarian Technology in rural communities**.

3.4 Co-creating a greener future for the GBA and beyond



To raise young people’s awareness and interest in **ESG**, green financial technology, culture, and innovation, LU co-organised the first GBA Youth Forum with **Shenzhen University (SZU)** in May 2023. Partnering with **Tencent Games** and **Fusion Bank**, more than 30 experts from different fields were invited to share their insights with 450+ young people on the **long-term development of ESG in the GBA**.

4. Promotion of Entrepreneurship

4.1 LU Entrepreneurship Fund

As introduced in Section 2 of this report, this new fund offers seed grants for start-ups at different stages:



Proof of Concept – \$50,000	Twin-Turbo – \$100,000	Scale Up – \$100,001-\$500,000
For innovators with clear concepts and business plans to develop service or product prototypes. Feasibility studies may also be supported.	Supports innovators who have joined the \$100,000 Incubation Programme of HKSTP or Cyberport (or social innovations with major awards) to speed up their development.	For innovators with tested product concepts, executable strategies, feasible business plans, and a competent team to scale up and attract investment.

In just a couple of months since the fund was launched in May 2023, a number of enquiries and potential applications were received. Around 5 proposals or more are expected to be funded in the first round.

4.2 Ideation and Incubation

In collaboration with the Hong Kong Science and Technology Park (HKSTP), LEI has launched its signature ideation and incubation programme in this reporting year - The **Pre-incubation for Innovators and Entrepreneurs (PIE) Programme**. The programme offers up to \$100,000 seed money for selected LU entrepreneurs to realise their start-up ideas, and serves as scale-up support for the existing funding schemes of LU, including the **Student Entrepreneurial Exploration Development (SEED) Fund**, **Graduate Support Fund (GSF)**, and the **Innovation and Impact Fund (IIF)** through the **Office of Research and Knowledge Transfer (ORKT)** which has been extended to GBA for LU students and young alumni, and had supported four proposals in the reporting period.



4.3 Expanding into the GBA

The Lingnan Entrepreneurship Initiative (LEI) has formed a partnership with a renowned **start-up incubator in the GBA**, 廣州市南沙區港澳青年五樂服務中心, to provide supportive services for LU start-ups to expand their businesses into the GBA.

The partnership helps provide incubation spaces and solicit government support.



Also in the GBA is the **LU-GDUT Service Centre for Innovation and Entrepreneurship of Guangdong and Hong Kong University Students**. LEI is organising a **GBA I&E exploration trip** with Guangdong University of Technology (GDUT) in August 2023.

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4.4 Training and Exposure



In the reporting year, LEI had organised **68 training events and campaigns for 920+ students**, engaging nearly 1,600 community members, faculty members and students. Our **School of Graduate Studies, Office of Student Affairs (OSA), the China Economic Research Programme and the Faculty of Business** had also provided various training and exposure opportunities for students.



Hostel Entrepreneurship Laboratory (HEL)

Co-organised by LEI and the OSA, the Hostel Entrepreneurship Laboratory (HEL) is a trial-and-error lab for students to experiment with their ideas tackling community challenges in the student hostels, the campus and the community. HEL provides a series of training workshops on design thinking, business model canvas, and **pitching skills**, and a competition to build an Innovation and Entrepreneurship community in our hostels and beyond. Under the theme of **“Achieving United Nations Sustainable Development Goals”**, 12 innovative ideas were presented in the final pitching session. Winning teams were then nominated for incubation and funding schemes to translate the ideas into actions.

International Innovation & Entrepreneurship Trips

- to enhance students' global exposure to innovation and entrepreneurship

Innovation and New Strategies in Entrepreneurship at UCLA Extension

28 Dec 2022 - 6 Jan 2023



Social Innovation Exposure Trip in Seoul, Korea

2-8 January 2023



5. Commercialisation and Industrial Collaboration

5.1 IP Clinic by ORKT

Social enterprises and innovations had benefited from services of the **IP Clinic by the Office of Research and Knowledge Transfer (ORKT)** as LU's institutional profile and commitment to KT continued to grow:

- ❖ **Patent filings** for inventions including the award-winning one (as below), and intellectual property (IP) advisory service for a number of research and KT projects.
- ❖ Professional service in **contract review and drafting work** in supporting the University's collaborations with the industry and community in Hong Kong, the GBA and beyond. Examples included the **joint ownership and partnership agreements** with another UGC-funded university and the BOC Group Life, and contracts for research and consultancy.
- ❖ Reaching out to our School of Graduate Studies to **promote innovation and entrepreneurship** to postgraduate students, and support them with our **Innovation and Impact Fund (IIF)** which has been extended to the GBA.
- ❖ Enriching knowledge of our staff, students and alumni in **entrepreneurship and commercialisation** by hosting the **Intellectual Property talk on IP Protection, Patent Filing & Challenges in the GBA** given by patent professionals.



Award-winning invention

An invention from a KT project “**Personalised vocabulary learning system based on artificial intelligence techniques**” of our Department of Computing and Decision Sciences was awarded the **Gold Medal and International Special Award** at the **2022 International Invention Innovation Competition in Canada (iCAN)**. The project is supported by **LU's IIF** organised by ORKT.

5.2 Intelligent Transport System for Smarter Traffic and Safer Mobility

Supported by the **Smart Traffic Fund** of the HKSAR Government, LU will conduct a **\$8.5 million project** to develop an **intelligent information-based transport system** for smarter traffic and safer mobility. Led by Prof Paulina WONG of the Science Unit in collaboration with the minibus association, the project team will develop a system that utilises **Artificial Internet of Things (AIoT)** and **Geospatial Artificial Intelligence (GeoAI)** techniques to compute real-time analytics on road and traffic conditions.

5.3 Cognitive and Neural Research for Sports Performance

A joint study on “**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**” is being conducted by our Wofoo Joseph Lee Consulting and Counselling Psychology Research Centre in collaboration with **Hong Kong Yiming Sports Culture Co. Ltd.** The findings will have the potential to identify training interventions to optimise performance.

6. Social Impact and Support for Community

LU is committed to making social impact through a wide range of **social engagement** and **policy advocacy** projects, as exemplified in the five **Impact Cases** below.

Case 1: Protecting Endangered Freshwater Turtles

Hong Kong is the last stronghold for globally threatened freshwater turtle species, as it supports breeding wild populations of two critically endangered species (Golden Coin Turtle and the Big-headed Turtle), and one endangered species (Beale's Eyed Turtle). However, according to a study conducted by our **Science Unit** (SU) led by **Prof Yik Hei SUNG**, these three species are on the brink of disappearing.



Reported by RTHK
Source: <https://news.rthk.hk/rthk/ch/component/k2/1701769-20230523.htm>

Researchers from the SU found that the Golden Coin Turtle has likely become functionally extinct because no juveniles have been found, and wild populations of the Big-headed Turtle and Beale's Eyed Turtle have been extirpated or are no longer viable (less than two adults detected) in nearly 90% of sites. The team warned that if the current extent of poaching continues, Hong Kong freshwater turtle populations will probably be eradicated in 3-5 years.

Policy and Environmental Impact

The critical status has attracted the attention of NGOs and conservationists in advocacy activities organised by SU. In May 2023, several NGOs, academics and legal experts signed a **letter to the Hong Kong Government** expressing their concerns for wildlife poaching. Three **specific recommendations** were made in the letter. A **press conference** was held on the **World Turtle Day** which was widely reported in the media like the **RTHK, South China Morning Post, TVB News, Ming Pao Daily, Hong Kong Commercial Daily, Sing Tao Daily, Oriental Daily News, Hong Kong Economic Times, Wen Wei Po, and Ta Kung Pao.**

The research and KT work has helped **mobilise conservation efforts** and **promote policies** to prevent further decline and preserve biodiversity in Hong Kong's freshwater ecosystems.

Case 2: Promoting Healthy and Smart Ageing

As a cross-sectoral collaboration, LU and **BOC Life's Live Young Rewards Program** (Live Young), together with **Quality HealthCare Medical Services Limited (QHMS)** and smart watch brand **Garmin**, have launched the LU x BOC Life 'Live Young' Rewards Program. Led by **Prof Ka Ho MOK**, LU's Vice-President, the project explores the effectiveness of gerontechnology in improving older adults' social life and **intergenerational harmony**. Eight months after the program launch, the number of participants has grown to 60,000, of whom 6% are aged 60 or over.





In addition, LU's **Jockey Club Age-friendly City Project** is in collaboration with the **Hong Kong Christian Service Shun Lee Neighbourhood Elderly Centre (Kwun Tong District)** and the **Hong Kong Young Women's Christian Association's Ellen Li District Elderly Community Centre (North District)** to train elderly residents to become

Project Ambassadors to formulate and implement action plans to **improve age-friendliness** in the community. The Ambassadors had conducted an evaluation survey and public education activities on dental care services.

Policy and Social Impact

The project team led by LU's **Asia-Pacific Institute of Ageing Studies** then prepared and submitted **recommendations** to the newly established "**Oral Health and Dental Care Working Group**" of the **Government** for an expansion in the consultation quota and scope of existing dental clinics, extended service hours, and public-private collaboration in increasing affordable primary dental care services. The team also suggested the Government to subsidise non-profit organisations to provide affordable services and provide dental healthcare vouchers of \$500 per person per year for the elderly.

Case 3: Raising Public Awareness of Possible Discrimination

The onset of the COVID-19 pandemic had intensified the need for online food delivery services, and created new job opportunities for South Asian youths. However, outbreaks of infected cases in districts populated by South Asians had spurred 'racist' remarks by customers, perhaps triggered by a flurry of negative mainstream news reports and social media outbursts targeted at South Asians.

In collaboration with the **Catholic Diocese of Hong Kong Diocesan Pastoral Centre for Workers-Kowloon**, Prof Lisa LEUNG of our **Department of Cultural Studies** conducted the Innovation and Impact Fund (IIF) project "**Precarities facing food delivery workers – A cross-ethnic evaluation of job security and satisfaction**" to raise public awareness of possible discrimination and stigma that the food delivery workers face.



In surveys conducted by the project team, about half of the food deliverers of ethnic minorities (EM) who were interviewed expressed that they had encountered discrimination and were more stressed over traffic related issues in the delivery work (than Chinese delivery workers).

Policy and Industry Impact

In September 2022, a **press conference** was held to announce the findings of the study and was widely reported in both Chinese and English media including the **HK01, RTHK, Hong Kong Economic Journal** and **Hong Kong Free Press**. The report / executive summary was sent to 5 relevant **Legislative Council members** and to the **senior management of Foodpanda and Deliveroo**. The project team called on the government to educate the public on racial/ethno-sensitivity and to acknowledge contributions that EM residents make towards the economy and society.

Case 4: Insights into Cross-Border Cooperation

In July 2022, the **Hong Kong Institute of Business Studies (HKIBS)** of LU launched the first-ever “**Hong Kong–Chinese Mainland Economic Integration Index (1990-2019)**” in celebration of the 25th Anniversary of the Establishment of the HKSAR. Led by **Prof Geng CUI**, the research results indicate that the two economies have become highly integrated and interdependent over time. The findings reveal the positive effect of economic integration on the Hong Kong economy, while highlighting significant challenges to economic development and governance in the HKSAR.



The economic integration between Hong Kong and the Mainland helps eliminate barriers to trade and investment, liberate the factors of production, and encourage efficient resource allocation and production among economic entities. The index is proportional to the growth of two major economic indicators including GDP and GDP per capita, indicating that economic integration makes an important contribution to Hong Kong’s economic growth.

Policy and Economic Impact

HKIBS has sent the full report to **22 principal officials of relevant government bureaux, 19 professional associations and industry partners**. According to the acknowledgement from the **Financial Secretary’s Office of the HKSAR Government**, the report had been **shared among relevant bureaux** for reference. These findings provide quantitative information on the economic integration and other socio-economic indicators as well as public sentiment towards the government and society. The team believes that the newly established index will serve as an **important reference for policymakers** and researchers as they formulate and analyse public policies.



Case 5: Refreshing Air in Subdivided Units and Hospitals

Subdivided Unit (SDU) Air Purifier

Poor air quality is a pressing challenge to the quality of life of subdivided unit (SDU) tenants in Hong Kong. The Lingnan Entrepreneurship Initiative (LEI) has designed an Air Purifier for SDU households and has received a **Silver Medal** for it at the **48th Geneva International Exhibition of Inventions** held in April 2023.



The most distinctive features of the SDU Air Purifier as a humanitarian technology are its affordability, portability, high efficiency, being compact and easy to assemble, and low power consumption. It costs less than US\$15 and is effective in reducing the indoor concentration of fine particulate matter (PM 2.5) by 80% that meets the World Health Organisation (WHO) 2021 Global Air Quality Guidelines. It can operate for 40 hours on a small USB power bank. The invention has received the recognition of **Prof Dong SUN, Secretary for Innovation, Technology and Industry** of the HKSAR Government.



In collaboration with the **Sham Shui Po District Office of Home Affairs Department** and **Sham Shui Po Residents Association**, LEI had arranged for volunteers to **distribute 1,000 pieces of the Purifier to families living in SDUs**. Discussion is currently underway with **Tencent Foundation** to scale up the project and distribute the purifiers to more SDUs.



Powered Air Purified Respirator

Meanwhile, LEI is also **co-designing a Powered Air Purified Respirator** with the **Shanghai Yangzhi Rehabilitation Hospital of Tongji University** to safeguard **medical workers and hospital patients** against contaminated air.

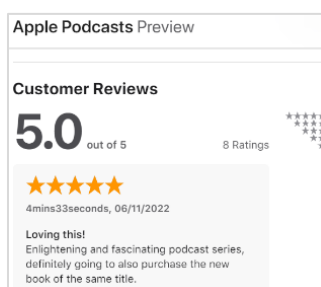
KT for Social Impact

The success of the SDU Air Purifier illustrates the importance of applying academic knowledge and design thinking to address real-world problems. The KT work of the University brings academic knowledge to the touch of the community and to their direct benefits.

7. In the Local and International Limelight

7.1 Global Reach of Chinese Poetry

In 2022, LU established **The Advanced Institute for Global Chinese Studies (AIGCS)** to enhance global impact of our studies in Chinese literature and culture. In joint efforts with partner institutions like the Harvard University, AIGCS as led by Prof Zong-qi CAI launched the **How to Read Chinese Poetry Podcast series** in 55 episodes on platforms like Apple Podcasts and Spotify **targeting English-speaking audience for the appreciation of Chinese poetry and the culture behind it**. As of May 2023, **120,000 plays were recorded with audiences from 91 countries/regions**.



In addition, videos in Chinese on reading 35 Tang poems were produced and made available on Bilibili, YouTube and other platforms which had attracted **over 550,000 plays**. **Positive reviews** on various platforms and media coverage both locally and internationally were given on the **RTHK, Master Insight, Xinhua Net, Times Higher Education, and QS Global Education News**.



In October 2022, AIGCS successfully hosted the premiere documentary screening of "Music beyond Sound: An American's World of Guqin". The documentary features Mr John Thompson, the best-known performer of early music for the Chinese guqin zither. In the post-screening sharing, Mr Thompson played the melody of Liu Shui (Running Rivers) and the Qin song of Jiu Kuang (Wine Mad). The KT work of AIGCS successfully helps **promote Chinese culture and heritage, and cross-cultural appreciation**.



7.2 InnoTech Expo 2022

At the **InnoTech Expo 2022** in the Hong Kong Convention and Exhibition Centre in December 2022, LU showcased the collaborative efforts of students, engineers, doctors, and social workers in developing new products and services to solve social problems and contribute to UN's SDGs. The Expo was organised by the One Hong Kong Foundation with the support of the Ministry of Science and Technology.



“Humanitarian Technology” projects showcased at the Expo:



SDU Air Purifier



CREW Wheelchair



12° Mask

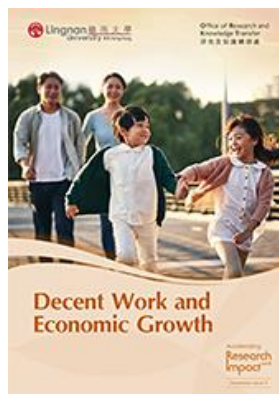


UVC Disinfection Service

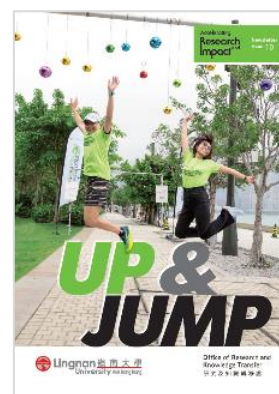
7.3 Accelerating Research & Impact

The newsletter “Accelerating Research & Impact” produced by our Office of Research and Knowledge Transfer continued to be an effective means of communication with our stakeholders. Two issues were published in the reporting year.

Decent
Work and
Economic
Growth



UP &
JUMP



8. Way Forward

As the first year of the new triennium 2022-25, the year of 2022/23 had been a time of remarkable achievements of LU in advancing KT endeavours. It was exciting to see how our work had inspired the young in entrepreneurship and social innovation, scaled new heights in promoting gerontechnology and smart ageing, and fostered intergenerational and cultural appreciation.

Looking ahead, we will continue building strong partnerships with the industry, government and other stakeholders for research impact in breadth and depth as well as creating new dimensions for technology development in Hong Kong and the GBA. It will be a pathway of endeavours for the good of the local community, the GBA, the national development plan, and the United Nations' SDGs, in the wake of a pressing need to build a community of shared future for humankind in the contemporary world of complexities and challenges, as asserted by President Xi Jinping of our country.

July 2023



Key Performance Indicators
(Data 1 July 2022 – 30 June 2023)

Key Performance Indicators			Last Year	This Year
			2021/22	2022/23
1a.	Number of patents filed in the year		1	2
1b.	Number of patents granted in the year		2	1
2.	Number of on-going contract researches and income thereby generated	Number of projects	23	32
		Cumulative income from projects	\$11,388,517	\$19,114,994
		Total contract value	\$20,283,162	\$29,900,143
3.	Number of on-going social projects and income thereby generated	Number of projects	29	32
		Cumulative income from projects	\$62,047,847	\$76,822,052
		Total contract value	\$118,272,763	\$156,313,719
4.	Number of professional projects including consultancies, and income thereby generated	Number of projects	30	25
		Cumulative income from projects	\$10,152,429	\$10,669,739
		Total contract value	\$14,244,719	\$14,163,436
5.	Income received from Continuing Professional Development (CPD) courses		\$92,702,340	\$152,917,134
	Total Income for Items (2)+(3)+(4)+(5)		\$176,291,133	\$259,523,919 ↑47%
	Total Contract Value for Items (2)+(3)+(4)		\$152,800,644	\$200,377,298

		Last Year	This Year
Key Performance Indicators		2021/22	2022/23
6.	Number of public lectures delivered in the year	122	180
7.	Number of performances arts (music, dance, drama, etc.) delivered in the year	3	---
8.	Number of exhibitions conducted in the year	7 (4 on campus, 3 off campus)	8 (4 on campus, 4 off campus)
9.	Number of other KT activities conducted in the year	384 <u>including:</u> - KT projects/ activities, and professional training: 216 - KT activities in Entrepreneurship and Innovation: 68 - KT activities in Service Learning: 100	544 <u>including:</u> - KT projects/ activities, and professional training: 332 - KT activities in Entrepreneurship and Innovation: 100 - KT activities in Service Learning: 112
Total Number of Social, Community and Cultural Engagement in Items (6)+(7)+(8)+(9)		516	732
10.	Innovation and Impact Fund (IIF) - KT Programme as supported by the UGC KT Fund – number of on-going projects	20	19
11.	Number of staff engaged as members of external advisory bodies including professional, industry, government, statutory or non-statutory bodies	30 staff members (taking up 88 roles on advisory bodies)	31 staff members (taking up 83 roles on advisory bodies)
12.	Number of download count of thesis, books and journal papers from “Lingnan Repository” by the public	119,517	111,609
13.	Total number of beneficiaries from KT projects / activities	72,000	90,050



Newly funded in 2022/23

Entrepreneurship Programme

- 1) Chinese Writing Wizard
- 2) Pastime Education
- 3) Reverse
- 4) Wooden World

KT Programme

I. Revitalising Heritage, Arts and Culture Outreach

- 5) Creative practices as affective archive: A collaboration with female migrant workers

II. Business and Economy, Raising Professional Standards

- 6) Cognitive profile and neural characteristics of gifted and typically developing students
- 7) Acoustic-based contact-free gesture recognition for human-computer interaction

In progress in 2022/23

KT Programme

I. Building a Caring and Understanding Society

- 1) Reducing the linguistic prejudice towards migrant domestic workers in Hong Kong

II. Business and Economy, Raising Professional Standards

- 2) Promoting the Hong Kong-Mainland Economic Integration Index for policy analysis and discourse
- 3) Developing a play-based, emotion-regulation training programme for preschoolers in Hong Kong
- 4) Constructing a “Carbon Neutrality Index” for the Small and Medium-sized Enterprises in Hong Kong

III. Revitalising Heritage, Arts and Culture Outreach

- 5) Hong Kong film history in digital media
- 6) Using translation to promote cross-linguistic and cross-cultural awareness in the community
- 7) Chinese traditional art as a cross-cultural heritage in the globalised world: Engaging and connecting with ethnic minorities in Hong Kong

Completed in 2022/23

I. Building a Caring and Understanding Society

- 1) Creating urban commons with the youth: A pilot training scheme
- 2) Improving decision-making competence and social risk management skills of older adults in Hong Kong
- 3) Precarities facing food delivery workers – A cross-ethnic evaluation of job security and satisfaction

II. Business and Economy, Raising Professional Standards

- 4) Digital Consumption Voucher Scheme and adoption of electronic payment service in Hong Kong
- 5) Enhancing organisational competitive advantage on human capital through leadership
- 6) Enhancing the impact of data science research – Phase 1
- 7) How AIoT technologies reinvent our daily environment
- 8) Improving a personalised vocabulary learning system with artificial intelligence techniques
- 9) Transfer pricing knowledge and research for accounting professionals



Innovation & Impact Fund Projects newly funded in this reporting year

Entrepreneurship Programme

1. Chinese Writing Wizard



- To provide an AI-powered tool to address the challenges faced by Chinese teachers in teaching Chinese writing, and to make the process of teaching and learning Chinese writing more effective

Target beneficiaries: Teachers in Chinese writing, primary and secondary school students

Student Team Leader: Alissa TANG, Department of Digital Arts and Creative Industries

2. Pastime Education



- To help customers improve the quality of education and promote their campaigns through a series of alternate reality games

Target beneficiaries: NGOs, education institutions

Student Team Leader: Sunny KO, Department of Philosophy

3. Reverse



- To provide online shoppers with a flexible shopping mode which changes the traditional group buying mode and breaks time and choice limitations

Target beneficiaries: Online shoppers, local merchants

Student Team Leader: Calvin CHEUK, Department of Accountancy

4. Wooden World



- To promote the wood industry in Hong Kong by making new wood products and conducting workshops on woodworking

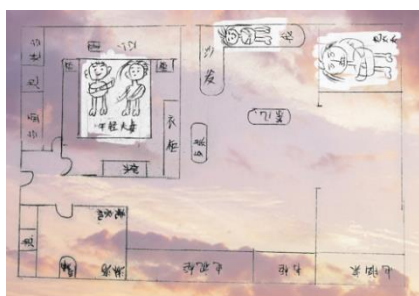
Target beneficiaries: Students, general public

Student Team Leader: Yannes TANG, Department of Accountancy

KT Programme

I. Revitalising Heritage, Arts and Culture Outreach

5. Creative practices as affective archive: A collaboration with female migrant workers



Chen'ai and Jing Y., *Beijing Apartments*, 2019. Postcards. © Chen'ai, Jing Y., and SSR Archive

- To explore collaborative and creative methods in socially engaged art and promote art as an outlet for self-expression and empowerment of female migrant workers
- To develop creative methods of maintaining mental health for non-art professionals in the post-pandemic era

Target beneficiaries: Female migrant workers and the general public

Project Leader: Prof LI Yu-chieh, Department of Digital Arts and Creative Industries, Faculty of Arts

II. Business and Economy, Raising Professional Standards

6. Cognitive profile and neural characteristics of gifted and typically developing students

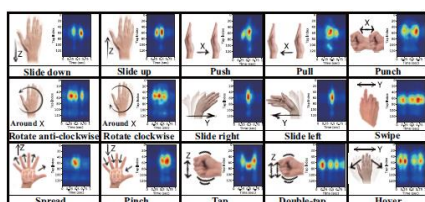


- To explore the cognitive profile and neural characteristics of both gifted students and typically developing students
- To help the education sector and NGOs in developing effective training programmes to improve the learning competence of gifted and typically developing students

Target beneficiaries: Schools, NGOs, students and parents

Project Leader: Prof Kelvin LUI, Department of Psychology, Faculty of Social Sciences

7. Acoustic-based contact-free gesture recognition for human-computer interaction




- To design a room-scale gesture recognition system with high recognition accuracy, high robustness and low-cost, supporting multi-user scenarios


Target beneficiaries: Gamers playing VR games, people with disabilities and the general public

Project Leader: Prof SHEN Jiaxing, Department of Computing and Decision Sciences, Faculty of Business



I. Building a Caring and Understanding Society

Project Title		Performance Indicators			
Project Leader		Beneficiary Types	Quantitative Indicators	Qualitative Indicators	No. of External Partners
1	<p>Reducing the linguistic prejudice towards migrant domestic workers in Hong Kong Prof Janet HO, Department of English, Faculty of Arts</p> 	<ul style="list-style-type: none"> ◆ Secondary school students, migrant domestic workers, and the general public 	<ul style="list-style-type: none"> ◆ A set of workshop materials about informing young adults the mediated representations of migrant domestic workers in Hong Kong was developed ◆ Two online talks were conducted 	To be developed	To be developed



II. Business and Economy, Raising Professional Standards


Project Title		Performance Indicators			
Project Leader		Beneficiary Types	Quantitative Indicators	Qualitative Indicators	No. of External Partners
2	<p>Promoting the Hong Kong-Mainland Economic Integration Index for policy analysis and discourse Prof CUI Geng, Department of Marketing and International Business, Faculty of Business</p> 	<ul style="list-style-type: none"> ◆ Industrial analysts and business practitioners ◆ Policy analysts and policy-makers 	<ul style="list-style-type: none"> ◆ An index report was produced and sent to 22 principal officials of relevant government bureaux and 19 professional associations and industry partners ◆ A news release was distributed and had been reported in over 130 media articles 	<ul style="list-style-type: none"> ◆ Revealed the positive effect of Hong Kong-Mainland economic integration on the Hong Kong economy ◆ Provided important quantitative information and other socio-economic indicators as well as public sentiment towards the government and society ◆ Received an acknowledgement from the Financial Secretary's Office of the HKSAR Government that the report had been shared among relevant bureaux for reference 	The project is solely conducted by the project team



II. Business and Economy, Raising Professional Standards

Project Title Project Leader	Performance Indicators			
	Beneficiary Types	Quantitative Indicators	Qualitative Indicators	No. of External Partners
<p>3 Developing a play-based, emotion-regulation training programme for preschoolers in Hong Kong Prof Vivian LUN, Department of Psychology, Faculty of Social Sciences</p> 	<ul style="list-style-type: none"> ◆ Kindergarten teachers, young children and their parents 	<ul style="list-style-type: none"> ◆ A briefing session for 14 teachers was conducted at the school ◆ Two briefing sessions were conducted for 20-30 parents in each session ◆ 105 individual child assessments were conducted 	To be developed	2
<p>4 Constructing a “Carbon Neutrality Index” for the Small and Medium-sized Enterprises in Hong Kong Prof LIANG Liping, Hong Kong Institute of Business Studies, Faculty of Business</p> 	<ul style="list-style-type: none"> ◆ SMEs, policy-makers and business associations 	<ul style="list-style-type: none"> ◆ 203 survey responses were collected ◆ An initial index model consisting of 3 dimensions for the carbon neutrality index was developed 	To be developed	4


III. Revitalising Heritage, Arts and Culture Outreach

Project Title Project Leader	Performance Indicators			
	Beneficiary Types	Quantitative Indicators	Qualitative Indicators	No. of External Partners
<p>5 Hong Kong film history in digital media Prof Emilie YEH, Centre for Film and Creative Industries, Faculty of Arts</p> 	<ul style="list-style-type: none"> ◆ Secondary and tertiary school teachers and students ◆ General public interested in Hong Kong films 	<ul style="list-style-type: none"> ◆ The official website set up to showcase the project with articles and videos about HK films had over 9,600 views ◆ The YouTube channel sharing animated clips attracted 670 views ◆ Two walking tours were organised 	<ul style="list-style-type: none"> ◆ Provided viewers with an eye-catching and informative way to learn about the history and culture of Hong Kong cinema ◆ Inspired a new generation of film enthusiasts to appreciate the rich heritage of Hong Kong films 	3
<p>6 Using translation to promote cross-linguistic and cross-cultural awareness in the community Prof Rachel LUNG, Department of Translation, Faculty of Arts</p> 	<ul style="list-style-type: none"> ◆ Secondary school students ◆ English speakers, foreign visitors and the general public 	<ul style="list-style-type: none"> ◆ A training workshop was conducted on the cultural and natural heritage of Lai Chi Wo ◆ Two seminars were held for students of two secondary schools ◆ A seminar was held for the members of the Hong Kong Translation Society (HKTS) 	To be developed	3


III. Revitalising Heritage, Arts and Culture Outreach					
Project Title Project Leader		Performance Indicators			
		Beneficiary Types	Quantitative Indicators	Qualitative Indicators	No. of External Partners
7	<p>Chinese traditional art as a cross-cultural heritage in the globalised world: Engaging and connecting with ethnic minorities in Hong Kong</p> <p>Prof Selina HO, Department of Digital Arts and Creative Industries, Faculty of Arts</p>  <p><small>Image courtesy: Chamber of Young Snow Art Exhibition Hall 圖像由少雪齋藝術展覽館</small></p>	<p>◆ Ethnic minorities and the general public</p>	To be developed	To be developed	To be developed

I. Building a Caring and Understanding Society				
Project Title Project Leader	Performance Indicators			
	Beneficiary Types	Quantitative Indicators	Qualitative Indicators	No. of External Partners
<p>1 Creating urban commons with the youth: A pilot training scheme Prof PUN Ngai, Centre for Cultural Research and Development, Faculty of Arts</p> 	<ul style="list-style-type: none"> ◆ Youth and NGOs 	<ul style="list-style-type: none"> ◆ 10 cases on urban commons good practices were produced and disseminated via social media ◆ An online urban common shop was launched in collaboration with 20 community partners ◆ There are over 1,000 followers in Facebook and Instagram accounts of i-Common ◆ Over 180 members were acquired into the i-Common network ◆ Educational videos on urban commons had attracted 6,900 views on Facebook and Instagram ◆ Four urban commons were created and 9 project proposals by youngsters were formulated at the workshops 	<ul style="list-style-type: none"> ◆ Positive comments and feedback were received from NGOs and workshop participants ◆ Raised public awareness of youth unemployment and poverty ◆ Provided young talents with resources and training to turn their ideas into reality 	7
<p>2 Improving decision-making competence and social risk management skills of older adults in Hong Kong Prof HUANG Yi, Department of Psychology, Faculty of Social Sciences</p> 	<ul style="list-style-type: none"> ◆ Older adults 	<ul style="list-style-type: none"> ◆ Two training programmes were developed to improve older adults' decision-making competence and emotion regulation ◆ 120 younger adults and 120 older adults were recruited to test the programmes ◆ A Mini-Mental State Examination was conducted 	<ul style="list-style-type: none"> ◆ Provided older adults with suggestions on how to make rational decisions ◆ Most participants were satisfied with the programme and gained knowledge from it 	The project is solely conducted by the project team


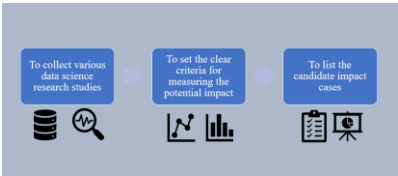

I. Building a Caring and Understanding Society

Project Title Project Leader		Performance Indicators			
		Beneficiary Types	Quantitative Indicators	Qualitative Indicators	No. of External Partners
3	<p>Precarities facing food delivery workers - A cross-ethnic evaluation of job security and satisfaction</p> <p>Prof Lisa LEUNG, Department of Cultural Studies, Faculty of Arts</p> 	<ul style="list-style-type: none"> ◆ South Asian and Chinese food delivery workers ◆ General public 	<ul style="list-style-type: none"> ◆ A press conference was held and had been reported in 10+ media articles ◆ Two seminars were conducted for NGO workers who provide ethnic minority services ◆ 37 interviews with South Asian food delivery workers were conducted ◆ A research report / executive summary was published, and sent to 5 legislative council members and the senior management of two food delivery companies ◆ A documentary on the situation of ethnic minority food runners was produced ◆ 106 survey responses were collected 	<ul style="list-style-type: none"> ◆ Raised public awareness of the problems that ethnic minority workers face ◆ Empowered South Asian youths and food deliverers ◆ Positive comments were received from seminar participants and NGOs ◆ The research report / executive summary provided insight and recommendations to policy-makers and food delivery platforms 	6

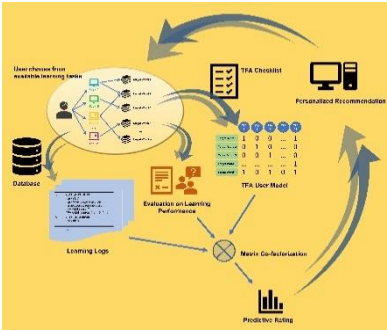

II. Business and Economy, Raising Professional Standards

Project Title Project Leader		Performance Indicators			
		Beneficiary Types	Quantitative Indicators	Qualitative Indicators	No. of External Partners
4	<p>Digital Consumption Voucher Scheme and adoption of electronic payment service in Hong Kong</p> <p>Prof LIANG Liping, Hong Kong Institute of Business Studies, Faculty of Business</p> 	<ul style="list-style-type: none"> ◆ Small and medium-sized retail merchants ◆ Policy-makers ◆ General public 	<ul style="list-style-type: none"> ◆ Four survey reports were developed and sent to over 30 government departments, legislative council members, political parties and associations ◆ There were 25 citations / social mentions of the survey reports in news and media articles ◆ Over 14,000 individuals and 200 retail merchants participated in the survey ◆ Survey findings were published online and offline, and had 4,700+ reads 	<ul style="list-style-type: none"> ◆ Provided practical suggestions on the implementation of the digital consumption voucher scheme in Hong Kong ◆ Raised public awareness and stimulated the discussions of the digital voucher scheme ◆ Provided policy-makers and businesses with an important reference about the effectiveness of the scheme and the adoption of electronic payment in Hong Kong 	1

II. Business and Economy, Raising Professional Standards

Project Title Project Leader		Performance Indicators			
		Beneficiary Types	Quantitative Indicators	Qualitative Indicators	No. of External Partners
5	<p>Enhancing organisational competitive advantage on human capital through leadership Prof CHEN Tingting, Department of Management, Faculty of Business</p> 	<ul style="list-style-type: none"> ◆ Companies in manufacturing industry 	<ul style="list-style-type: none"> ◆ 5 waves of interviews with 60 interviewees were conducted ◆ Questionnaire surveys were conducted with 1,000+ responses ◆ A consultancy report was developed and 3 consultancy report-back sessions were conducted ◆ 112 cases of best practices in the manufacturing centre were identified ◆ An HR toolset for the evaluation and promotion decision of group leaders in the manufacturing centre was developed 	<ul style="list-style-type: none"> ◆ Provided important implications for differentiating performance levels and recognising top performing group leaders ◆ The cases of best practices contributed to the training and development programmes of the centre ◆ Helped the company provide training and development in the manufacturing section ◆ Positive comments were received from the company 	1
6	<p>Enhancing the impact of data science research – Phase 1 Prof XIE Haoran, Department of Computing and Decision Sciences, Faculty of Business</p> 	<ul style="list-style-type: none"> ◆ Professionals and scientists in the field 	<ul style="list-style-type: none"> ◆ 29 data science studies were collected ◆ A set of criteria for measuring the potential impact was prepared ◆ A report of suggested candidate impact cases was produced ◆ Two reports were received from external reviewers 	<ul style="list-style-type: none"> ◆ Developed criteria and procedures for selecting impact case studies ◆ Valuable comments were received from external reviewers 	The project is solely conducted by the project team
7	<p>How AIoT technologies reinvent our daily environment Prof Eric SEE-TO, Department of Computing and Decision Sciences, Faculty of Business</p> 	<ul style="list-style-type: none"> ◆ Hong Kong enterprises of different sectors ◆ Hong Kong Electronics and Technologies Association 	<ul style="list-style-type: none"> ◆ A workshop was held to promote wider applications of AI and AIoT with over 90 participants from the industry ◆ Free consultation sessions were conducted to assist four organisations to develop their own user cases for AI and IoT technologies ◆ A summary report was produced 	<ul style="list-style-type: none"> ◆ Provided participants with a better understanding of how AIoT technologies can contribute to improving daily life ◆ Positive feedback was received from workshop participants that the workshop was helpful, informative and inspiring 	1

II. Business and Economy, Raising Professional Standards


Project Title Project Leader		Performance Indicators			
		Beneficiary Types	Quantitative Indicators	Qualitative Indicators	No. of External Partners
8	<p>Improving a personalised vocabulary learning system with artificial intelligence techniques Prof XIE Haoran, Department of Computing and Decision Sciences, Faculty of Business</p> 	<ul style="list-style-type: none"> ◆ Secondary school and university students 	<ul style="list-style-type: none"> ◆ The AI-based model was developed with at least 2 innovation points ◆ A China Invention patent was filed ◆ A Hong Kong Short-term patent was granted ◆ Received a gold medal and a special award from the 7th International Invention Innovation Competition in Canada (iCAN) 2022 and had been reported in 4 media articles 	<ul style="list-style-type: none"> ◆ Improved the learning system using AI techniques ◆ Positive feedback and comments were received from the participants of the exhibition 	<p>The project is solely conducted by the project team</p>
9	<p>Transfer pricing knowledge and research for accounting professionals Prof Agnes LO, Department of Accountancy, Faculty of Business</p> 	<ul style="list-style-type: none"> ◆ Accountants and business practitioners 	<ul style="list-style-type: none"> ◆ 7 webinars were delivered with more than 370 attendees including accountants and business practitioners ◆ 175 survey responses were received ◆ The project website had over 900 website viewings 	<ul style="list-style-type: none"> ◆ The webinars quipped participants with relevant transfer pricing knowledge, and increased their awareness of the importance of transfer pricing ◆ Positive feedback was received from the participants 	<p>The project is solely conducted by the project team</p>

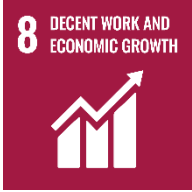

SUSTAINABLE DEVELOPMENT GOALS









KT PROJECTS BY SDG

ANNEX 4

SDG	Project
<p>1 No Poverty</p> 	<ul style="list-style-type: none"> ▪ Social Innovations for the less privileged <ul style="list-style-type: none"> – Transparent Mask – Wheelchair control system – Air Purifier ▪ Promoting Inclusive Business practice for sustainable impact in Asia ▪ Is there a way out of poverty? A study of youth poverty and employment in Hong Kong ▪ Youth employment and poverty: A critical investigation of youth creative slashers in Hong Kong
<p>3 Good Health and Well-being</p> 	<ul style="list-style-type: none"> ▪ Gerontechnology and Smart Ageing in Place Project ▪ Health and Financial Education Programme for Elderly ▪ Jockey Club Age-Friendly City Project ▪ Smart Intelligent GeoAI Solution to predict & tackle mosquito-borne diseases in Hong Kong ▪ Humanitarian Technology products – Transparent Mask, Wheelchair control system, Air Purifier ▪ Gerontechnology 360°Education ▪ Embracing Ageing - Health Management and Promotion Programme ▪ HK Children Happiness and Life Education Index ▪ Cognitive profile and neural characteristics of gifted and typically developing students ▪ Raising healthy children with good character – Character building via health psychology ▪ Developing a play-based, emotion-regulation training programme for preschoolers in Hong Kong ▪ 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 ▪ Improving decision-making competence and social risk management skills of older adults in Hong Kong ▪ Gerontechnology project in Jiangmen ▪ Ageing in Place: Students’ Participation and Research Project ▪ Care for Carers: Intergenerational Services and Research Project

SDG	Project
	<ul style="list-style-type: none"> ▪ Life stories of older people ▪ Students and Happy Ageing with Chinese Medicine Project ▪ Evaluation study on the feasibility and impact on <i>A Classroom Without Age Programme</i> ▪ Three Anti-COVID Treasures – Living Well Campaign
<p>8 Decent Work and Economic Growth</p> 	<ul style="list-style-type: none"> ▪ Start-ups incubation and entrepreneurial activities in the GBA ▪ Creating urban commons with the youth: A pilot training scheme ▪ Creating youth commons: Supporting deprived youth ▪ The digital Consumption Voucher Scheme and adoption of electronic payment service in Hong Kong ▪ Transfer pricing knowledge and research for accounting professionals ▪ Enhancing organisational competitive advantage on human capital through leadership ▪ Promoting the Hong Kong-Mainland Economic Integration Index for policy analysis and discourse ▪ Public Policy Research Project “<i>Can Hong Kong’s current competition policy meet the challenge of increasing economic integration with the Greater Bay Area?</i>” ▪ Migration, Mobility and Labour
<p>9 Industry, Innovation and Infrastructure</p> 	<ul style="list-style-type: none"> ▪ Gerontechnology and Smart Ageing in Place Project ▪ Smart Intelligent GeoAI Solution to predict & tackle mosquito-borne diseases in Hong Kong ▪ Acoustic-based contact-free gesture recognition for human-computer interaction ▪ Cultural innovation using creative AI technologies ▪ How AIoT technologies reinvent our daily environment ▪ International conference on artificial intelligence and big data applications ▪ Mastering AI skills through gamification ▪ Digital Transformation of Enterprises ▪ Promoting financial resilience and retirement financial planning among the young: Customised tools built with Python ▪ Transferring knowledge based on personalised vocabulary learning system based on artificial intelligence techniques

SDG	Project
<p>10 Reduced Inequalities</p> 	<ul style="list-style-type: none"> ▪ Reducing the prejudice towards migrant domestic workers in Hong Kong ▪ Precarities facing food delivery workers – A cross-ethnic evaluation of job security and satisfaction ▪ Analysis of public policies for new citizens in the Greater Bay Area ▪ Creative practices as affective archive: A collaboration with female migrant workers ▪ Digitalised working class culture in smart city
<p>11 Sustainable Cities and Communities</p> 	<ul style="list-style-type: none"> ▪ Jockey Club ICH+ Innovative Heritage Education Programme ▪ How to Read Chinese Poetry Podcast and Video Program ▪ Chamber of Young Snow Art Exhibition Hall – Chinese Traditional Art and Cultural Sustainability ▪ Sha Tau Kok Heritage Trail ▪ Lingnan Chinese Culture Programme ▪ Smart Intelligent GeoAI Solution to predict & tackle mosquito-borne diseases in Hong Kong ▪ Building the evidence base on the relationships between environment, active living and cognitive health ▪ Towards sustainable development in Hong Kong: Current status and best practices in business operations
<p>12 Responsible Consumption and Production</p> 	<ul style="list-style-type: none"> ▪ Carbon Neutral Action Project ▪ Constructing a Carbon Neutrality Index for the Small and Medium-sized Enterprises in Hong Kong ▪ Exploring the challenges and efforts of recycling at EcoPark
<p>14 Life below Water</p> 	<ul style="list-style-type: none"> ▪ ECF – Hong Kong Ocean Environmental Pioneer Academy ▪ A comprehensive survey of the diadromous animals of Lantau: assessment of distribution, population status, and conservation strategies ▪ An integrative taxonomy approach to clarify the status of the short-legged toad (<i>Boulenophrys brachykolos</i>) population in Lantau ▪ Assessing the efficacy of ecological enhancements in Hong Kong's river channels for mitigating the fragmentation of freshwater animal communities

SDG	Project
	<ul style="list-style-type: none"> ▪ Assessing the genetic diversity and ecological role of the endangered wattle-necked softshell turtle (<i>Palea steindachneri</i>) through the study of remnant populations ▪ New technological and traditional behavioural approaches for freshwater turtle conservation ▪ Territory-wide environmental DNA (eDNA) survey on distribution and status of invasive freshwater fish and crayfish
<p>15 Life on Land</p> 	<ul style="list-style-type: none"> ▪ Uncover the underground – Distribution and population status of endemic blind snakes and Bogadek’s burrowing lizards ▪ Conservation of Romer’s tree frogs: Assessment of population status across Lantau and impacts of emerging threats ▪ Population viability analyses of the macaque population in Hong Kong countryside ▪ An integrative taxonomy approach to clarify the status of the short-legged toad (<i>Boulenophrys brachykolos</i>) population in Lantau ▪ Research on the construction of the ecological corridor system in the Wutong Mountain Scenic Area in Shenzhen ▪ Camera surveillance & trap search in freshwater turtle population key sites ▪ Study on designs of wildlife friendly measures in catchwaters in Lantau
<p>17 Partnerships for the Goals</p> 	<ul style="list-style-type: none"> ▪ Jockey Club Age-Friendly City Project ▪ Gerontechnology and Smart Ageing in Place Project ▪ Gerontechnology 360°Education ▪ The Hong Kong Jockey Club ICH+ Innovative Heritage Education Programme ▪ Creating youth commons: Supporting deprived youth ▪ Embracing Ageing - Health Management and Promotion Programme ▪ Chinese traditional art as a cross-cultural heritage in the globalised world: Engaging and connecting with ethnic minorities in Hong Kong ▪ Smart Intelligent GeoAI Solution to predict & tackle mosquito-borne diseases in Hong Kong ▪ Research and Publication on the Items of the “Representative List of the ICH of Hong Kong” under Partnership Projects ▪ Using translation to promote cross-linguistic and cross-cultural awareness in the community



Annex 5

Lingnan Entrepreneurship Initiative Highlights and Service Learning Projects 2022/23



Lingnan Entrepreneurship Initiative (LEI)

Performance Indicators	2022/23
No. of community participants	1,644
No. of student participants	922
No. of events and campaigns	68
No. of service hours	3,185

Social Innovation & Community Engagement



ECF – Hong Kong Ocean Environmental Pioneer Academy trained 120 Ocean Environmental Pioneers to promote ocean protection and clean shorelines, and created ripple effects for more than 1,000 individuals to clean Hong Kong’s ocean through experiential workshops and innovative seashore cleaning activities.



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. 15 low-carbon ambassadors were trained to organise workshops, exhibitions, and a hostel/campus challenge, fostering community participation in low-carbon living.

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

Service-Learning and Research Scheme (SLRS)

Performance Indicators	2022/23
No. of beneficiaries	15,023
No. of student participants	934
No. of courses with S-L elements	43
No. of service hours	32,708

Trailblazer Programme (TBP)

Performance Indicators	2022/23
No. of beneficiaries	264
No. of student participants	35
No. of programmes	8
No. of service hours	5,168

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

No. of beneficiaries by group

Beneficiaries groups	No. of beneficiaries
Children	1,580
Youth	3,568
Elderly	1,833
Families	916
Ethnic minorities	230
Poverty	728
Social enterprises/Start-ups	24
Rehabilitated drug abusers	47
Women	50
People with disabilities	12
Agencies and their members	177
The public	6,122

Total: 15,287



Partners of the community / industry engaged

1. A Plastic Ocean Foundation
2. Anti480
3. Artner
4. Association of Engineering and Medical Volunteer Services
5. Autotelic Art
6. Bridge Foundation
7. Bridge To China
8. CantoGather
9. Caritas Hong Kong
10. Castle Peak Catholic Primary School Design Thinking Workshop
11. Childhood Is Limited
12. Christian & Missionary Alliance Tuen Mun Church Family Services - Hing Yiu Service Centre
13. Clearbot
14. Community Drug Advisory Council
15. Concern for Home Care Service Alliance
16. Cyberport
17. Dialogues in Tin Shui Wai
18. Diocesan Pastoral Centre For Workers
19. Fairview Park Alliance Church
20. Flash Green
21. Forward Living
22. Gatherly
23. Global Livingston Institute
24. Gowell
25. Healthy Residential Care Home: Multi-Disciplinary Outreaching Support Team for the Elderly, Baptist Oi Kwan Social Service
26. Home Affairs Department - Sham Shui Po
27. Hong Kong Federation of Women's Centres
28. Hong Kong Science and Technology Parks Corporation
29. Hong Kong Sheng Kung Hui Lady MacLehose Centre Services for Ethnic Minorities Unit
30. Hong Kong Sheng Kung Hui Tuen Mun Integrated Services Jockey Club Youth Express
31. Hong Kong Trade Development Council
32. Hong Kong Women Workers' Association

Partners of the community / industry engaged

33. Ichthyological SHK
34. i-COMMON HK
35. Kids Club Farm @ Kam Tin
36. Lab0ver
37. Lok Sin Tong Lee Yin Yee Ethnic Minorities Supporting Centre
38. Lutheran School for the Deaf
39. Mindful Sparks
40. M.W. Studio
41. N.T. Women & Juveniles Welfare Association Pak U Neighbourhood Elderly Center
42. Ocean Park Hong Kong
43. Our Hong Kong Foundation
44. People Service Centre
45. Pok Oi Hospital Mrs Lee Ho Siu Fong Memorial Children and Families Development Centre (Butterfly Bay)
46. Pui Shing Catholic Secondary School
47. Scentever Official
48. Sham Shui Po Residents Association
49. Sham Tseng Community Development Project
50. Sham Tseng Youth Centre, Caritas-Hong Kong
51. Sino Group
52. St. James' Settlement
53. Temet
54. The Evangelical Lutheran Church of Hong Kong, Enlighten Centre
55. The Evangelical Lutheran Church of Hong Kong, Ling Oi Centre
56. The Generation Hong Kong
57. The Hong Kong Society for Rehabilitation
58. The Jane Goodall Institute Hong Kong
59. Tie-In
60. To • Gather' @ Sam Shing Transitional Housing Project, The Salvation Army
61. V-Artivist
62. Voltra
63. Woo Chung District Elderly Community Centre, Yan Oi Tong
64. Y-Park