

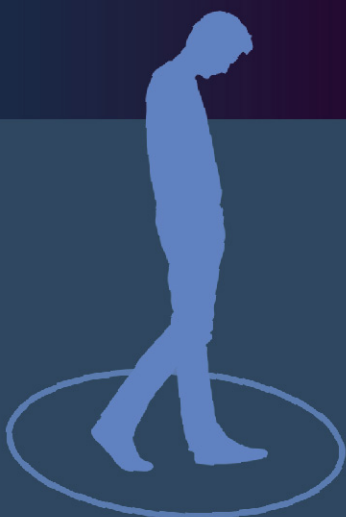


Lingnan 嶺南大學
University 香港 Hong Kong

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

2019/20

**CARING
AMIDST
DISTANCING**



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

Knowledge Transfer (KT)

2019/20

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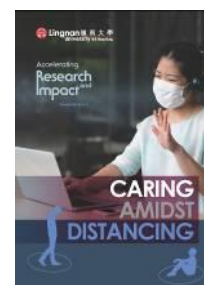
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1. Executive Summary

Timely **response to social needs** has been central to our research and KT work. While the world has been under the huge impact of the COVID-19 pandemic and so many of the face-to-face activities cannot be held due to health concerns, which to a certain extent also affects our knowledge transfer (KT) events, Lingnan University (LU) has taken the crisis as the time when the University should play an even more active role in responding to what the community is concerned about and what people need. That is an important mission of our KT work as a Liberal Arts university where knowledge and humanity should be inter-woven in our endeavours for the betterment of society.

When people have to deal with the “New Normal” of distancing, work-from-home and even shut-downs, it is our conviction to find out how it affects people and their lives, and how the knowledge from our research can be used to shed light on policies and be translated into actual services that provide the more “touchable” care and help, here and now, apart from the impact on academia. That is the beauty of KT, and thus the theme of our latest Research & KT Newsletter **CARING AMIDST DISTANCING**, which echoes the tagline of **LU Research - IMPACT with CARE**.

To care for the community, the University has launched the **Fighting COVID-19 @ Lingnan** since March 2020 with a series of projects leading to social findings targeted at different sectors, a web-based GIS dashboard providing COVID-19 information, and our “Project Ultra Violite” – the first community-wide programme of its kind which provides free UV disinfection services for subdivided flats (“劏房”) in Hong Kong.



With our passion and strengths in research and KT of high social value and relevance, we are gratified to see, though in this difficult time, growth in the support from the community and industry for our work, as in increases of **209%** and **54%** respectively in cumulative income from on-going social projects and contract research, which were at record high of **\$43.8 million** and **\$25.4 million**; a rise of **83%** from **\$3.98 million** to **\$7.29 million** in income from professional projects including consultancies; and having 30 new projects funded at a total contract value of **\$17.6 million** from the industry, charities, NGOs and government departments.

The University’s fulfilment of its undertakings in the 2019-22 Triennium Plan to the UGC for KT is also in good progress. In addition to the above achievements, the Office of Research Support has been renamed as the **Office of Research and Knowledge Transfer (ORKT)** in 2020 to signify the University’s commitment to KT and reflect the office’s expanded scope of work in professional work on contract review, and in the office’s new initiative of launching the **IP Clinic** to provide consultation service on intellectual property protection, patent and trademark filing. The services not only support collaborations among the Government, Industry and Universities (官產學研合作) as in the example of a \$3.3 million project funded by the ITC and industry partner on using Artificial Intelligence, but also in creative ideas of our staff and students in entrepreneurship with the help of the **Innovation & Impact Fund** as initiated by ORKT.

Thinking out of the box is a way to demystify how entrepreneurship can be at play in a Liberal Arts university that is more focused on humanities and social sciences. At LU, technology is not the protagonist in entrepreneurial pursuits, but a means to serve the communities we care, and hence the “**Humanitarian Innovation**” as presented in our Triennium Plan for KT. Such creative thinking is exemplified in what looks like a mathematical expression of “MIT x Elderly + Students” in the workshop organised by the Lingnan Entrepreneurship Initiative (LEI) in collaboration with the **Massachusetts Institute of Technology (MIT) D-Lab** where participants have to dare to think and do in the unconventional way of having older people and students, instead of scientists, to work together on innovations for age-friendly solutions.

Those are our innovations and care for society, from which the LU edge in KT has evolved.



2. Energy of Innovations

2.1 Innovation and Impact Fund

Since LU's **Innovation and Impact Fund (IIF)** has been extended to support entrepreneurial initiatives of both staff and students, eight projects were approved in 2019/20 for a **robot app** for the elderly and caregivers, a **vocabulary learning system** using AI in education, a **visual curtain** with fluid motion and the **patent filing**, a **youth employment** platform, **water storage tanks** for safe water in less developed countries, outreach education on the negative **impact of plastic to the environment**, and promoting the contributions of ethnic minorities in Hong Kong for **cultural understanding and inclusion**.



2.2 Research & KT Excellence Awards

For the third year, the ORKT had organised the University's Research and KT Excellence Awards presentation to recognise and encourage further achievements. This year in April 2020, apart from the awards to 28 researchers for excellent performance in publications and securing research grants, **two new categories of KT awards** were introduced and the winners were as follows –

Government-Industry-Academia Collaboration

- #Department of Computing and Decision Sciences - **\$3.3 million** from ITF and Industry Partner
- Science Unit - **\$7 million** for 13 projects in conservation of the environment



Research Centre Achievement

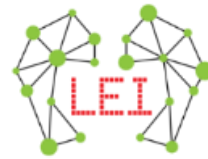
- Asia-Pacific Institute of Ageing Studies - **\$50 million** of funds since August 2015
- Hong Kong and South China Historical Research Programme - **\$55 million** of funds since August 2015
- Pan Sutong Shanghai-Hong Kong Economic Policy Research Institute - **\$30 million** of funds since 2015
- Wofoo Joseph Lee Consulting and Counselling Psychology Research Centre - **\$17 million** of funds since September 2018

Smart Toilet: An AIoT Based Predictive Maintenance Solution

LU's Faculty of Business signed an agreement with Triple Faith Engineering & Supply Limited to collaborate on this project using Artificial Intelligence of Things (AIoT) technologies under the Partnership Research Programme of the Government's **Innovation and Technology Fund**

(ITF). Led by Prof Eric SEE-TO of the Department of Computing and Decision Sciences, the project is LU's first and exemplary case of collaboration with the Government and industry.

2.3 Promoting Entrepreneurship



(a) Lingnan Entrepreneurship Initiative

Launched in 2018, the LEI is the first and only entrepreneurship platform in Hong Kong that is built to augment the transformative power of liberal arts education, and to promote **inclusive entrepreneurship** in Asia. It supports LU academics and students to identify and solve **humanitarian challenges** for sustainable development.

To connect student entrepreneurs and budding start-ups with **international partners**, LEI has become an international member of the international consortium [iAccelerate Innovation Network](#).

(b) Promoting Social and Humanitarian Innovation

In January 2020, LEI organised the **Joint Humanitarian Entrepreneurship Winter Academy 2020** in which staff and students designed innovative solutions to address community needs, e.g. in water and energy supply, on site in **Nepal** and **Uganda**.



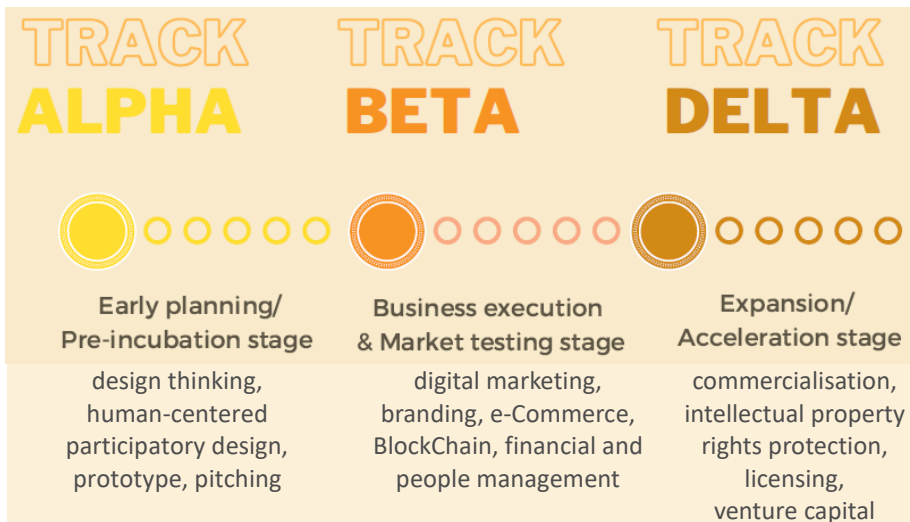
In collaboration with the **Massachusetts Institute of Technology (MIT) D-Lab**, LEI organised the first-ever 2-day **Participatory Design at Lingnan: Designing with and for the Elderly** in November 2019 in which students worked together with senior citizens to create prototypes and propose **humanitarian innovation solutions** to create an age-friendly community.



(c) Training and Exposure

In the reporting year, LEI had organised **52 incubation campaigns and trainings for 700+ students**, bringing together 2,000 students, faculty members and community members and thus fostering an environment of innovation and entrepreneurship on campus, apart from the new **Minor Programme in Entrepreneurship** offered by the Faculty of Business since the 2019/20 academic year.

Under the LEI, aspiring entrepreneurs of the University community learned about useful tools at the three stages towards a start-up:



In the **LEI Bootcamp** held in September 2020, the Director of ORKT presented to more than 150 students the dual importance of **Social Impact** and **Financial Sustainability** of **Social Enterprise**. In the webinar “Sealing the Deal with Catalyst Ventures X Cloudbreakr”, dialogues were shared between the Director and practising entrepreneurs on the joy and challenges along the pathway of entrepreneurship.



The **LU Jockey Club Gerontechnology and Smart Ageing Project** organised the **Techstars Startup Weekend Competition** in June 2020. Though being held online under the pandemic, the competition attracted 52 contestants from different industries and academic backgrounds who participated in teams to devise a “smart ageing” proposal in just 54 hours.



GLAA Conference on Humanitarian Innovation and Entrepreneurship

Topics on Humanitarian Innovation and Entrepreneurship were discussed among 40+ chief members and scholars of member institutions in this annual conference of the Global Liberal Arts Alliance (GLAA) held in December 2019.



Also in December 2019, the **Faculty of Business** organised a seven-day field trip to Peking University for students to **explore the entrepreneurial and business cultures in mainland China**. Students attended workshops and visited the China Innovation Index Research Center of the University’s School of Innovation and Entrepreneurship, and prominent start-ups in Beijing including the **GeeDee International Innovation Center**, **Revo Laboratories** and **TAIHUONIAO Incubator**.



2.4 Commercialising Research Outputs

(a) IP Clinic

To protect and manage the University's Intellectual Property (IP) rights in the commercialisation of research outputs and creations, and for the University's demonstrable record in applied research, ORKT has since June 2020 launched the **IP Clinic** which is a **brand new initiative at LU**. Law firms and patent attorneys are engaged to provide a range of professional services in IP consultation, patentability study, patent filing and copyright/trademark registration.

Thus far, IP consultation meetings had already been conducted for three projects:

- Social Enterprise Intelligent Hub of the LU Jockey Club Gerontechnology and Smart Ageing Project
- Curtain Providing Apposition Compound Vision with Fluid Motion
- LU Jockey Club Age-Friendly City Project – 「耆樂・童遊」 Card Game

(b) Patent and Trademark applications

Successful Trademark Registration

With ORKT's active efforts in exploring potential inventions and creations for further development, the IP Clinic has already recorded its first success in registering the logo of the LU Jockey Club Gerontechnology and Smart Ageing Project with the Trade Marks Registry of the Intellectual Property Department of the HKSAR Government. Application for registration in mainland China is also underway.



Patent filing in Hong Kong and Mainland China

With the support of the Innovation and Impact Fund, an innovative curtain prototype is being developed under the project "City Fenestration (Soft-Views)" by Ms Zoie So of the Department of Visual Studies. Patents in the two jurisdictions have been filed since August and October respectively.

(c) Intellectual Property Talk Series: Protect Your Innovation

Our efforts go on in building the capacity for commercialisation. A series of webinars given by IP professionals for staff and students were recently conducted by ORKT in collaboration with the LEI. These have proven to be very popular with 160 and 120 participants in the two events respectively:

"How to Protect an Invention/Creation – Patent, Copyright, Trademark Filing?"

"What is Patent? – Is Software/ICT Patentable?"



3. Impact Cases - Fighting COVID-19 @ Lingnan

This special series of research and KT work as mentioned in the Executive Summary has presented exemplary cases demonstrating impact created from extending university knowledge and expertise to the direct benefits of the community.

3.1 Case I: Mobile UV-C System Disinfects Subdivided Flats

Hong Kong people living in cramped subdivided flats with poor hygiene conditions have been particularly hard hit under the pandemic. LU, Caritas Youth and Community Service, Health In Action, and Grassroots' Livelihood Alliance jointly launched the **"Project Ultra Violite"** with a \$500,000 donation from the Jockey Club "COVID-19 Emergency Fund" to provide free and efficient UV disinfection service for 1,000 subdivided flats.



This light-weight, mobile protection device is designed and assembled by the LU team led by **Dr Albert KO, Director of LEI and Office of Service-Learning**. 120 Health Ambassadors trained by LU have volunteered to provide the service in older districts and help reduce the risks of household infection and community outbreaks. The service has been conducted 1,032 times with very positive response from the beneficiaries. In a bid to benefit a wider community, the team is developing a UVC robot to navigate larger spaces such as hotels and examination venues.



Staying true to the notion of humanitarian technology, the team has joined the Open COVID19 Pledge and made its design available for free in fighting the pandemic, at <https://www.ln.edu.hk/lei/maker/open-source-projects>.

3.2 Case II: Promoting Mental Wellness

The coronavirus outbreak does not just affect citizens' physical health. The shortages of surgical masks, hygiene products and even food caused people to search frantically for supplies. The long-term harm caused by these negative emotional outbursts may well be more severe than the virus itself. A research team led by **Prof SIU Oi-ling, Dean of Social Sciences and Chair Professor of Applied Psychology and Director of the Wofoo Joseph Lee Consulting and Counselling Psychology Research Centre**, is giving citizens tips on how to protect themselves against the disease and build up resilience to fight the pandemic with sufficient psychological capital. An earlier study led by Prof Siu showed that medical staff who scored highly for resilience in the questionnaire also had higher levels of immunoglobulin A (IgA) in their immune system, which made them less likely to fall sick in the course of infection prevention.

The research impact of Prof Siu has been built on a strong track record of KT work with substantial community support. Commissioned by the **Occupational Safety and Health Council**, Prof Siu's team conducted a study titled **"Occupational Stress and its Social and Economic Implication in Hong Kong"** in August 2017 and March 2019. **Recommendations were made to company owners and human resources managers** on stress management through promotion, education,

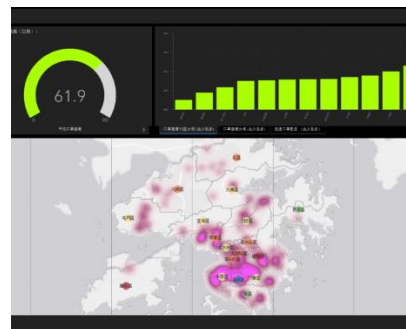


consultation, research and dissemination of information in the workplace.

In a **press conference** held in December 2019, Prof Siu pointed out that the annual economic cost of work stress due to absenteeism, presenteeism and medical bills could be as much as \$14.9 billion. The research results **facilitate policy debate** and serve as a valuable reference for **policy-makers** and **senior management of companies**. The study was widely covered in **24 articles** on such media channels as The Standard, am730, HK01, Hong Kong Commercial Daily, Hong Kong China News Agency, Oriental Daily News, Headline Daily, Ta Kung Pao, Hong Kong Economic Times, Wen Wei Po, Economic Digest, Liberty Times Net and QS WOW News.

3.3 Case III: Monitoring Face Mask Stocks and Panic Levels with GIS

Geographic Information Systems (GIS) and big data technologies have been crucial in containing COVID-19 in many aspects, from using the visualisation of epidemic information and spatial tracking of confirmed cases, to predictions of regional transmission.



Six days after the first COVID-19 case in Hong Kong in January 2020, **Prof Paulina WONG** of the **Science Unit** collaborated with the Hong Kong Public Opinion Research Institute (HKPORI) to launch a web-based GIS dashboard for the public, showing not only near real-time COVID-19 information and public health risk in local communities, but also citizens' stress levels and where there were the most urgent demands for anti-epidemic commodities.

The regularly updated dashboard proves to be very useful **for decision makers, District Council members, NGOs and social workers** to target high-risk and deprived areas and offer immediate attention and support for **local residents particularly the elderly**. Since mid-March, the project has been extended to volunteers and social enterprises so as to include and engage people with limited internet access, and thus generating even more **positive social impact on local communities**.

3.4 Ageing Smarter under COVID-19

Led by Prof Ka Ho MOK, the Vice-President and Lam Man Tsan Chair Professor of Comparative Social Policy, the **LU Jockey Club Gerontechnology and Smart Ageing Project** conducted the **Fighting COVID-19: Technology, Humanity and Society Series**. Under the project, there were online public seminars, **trainings for the elderly and carers**, competition and carnival events. These activities had reached some **6,000 beneficiaries** who were senior citizens, health care professionals, NGOs, students and the general public. Among them, more than 1,300 students and youngsters had attended online **Socialpreneur Incubation Courses**, and the online seminars had benefited over 400 participants.



Elderly participants were trained as ambassadors in the "Gerontechnology Ambassador Online Training Programme". Most of them did not attend any online courses or Zoom before that. With the project team's user guide and a practical online workshop, participants were able to progress to seamless conversations in video conferences to experience care amidst social distancing.

The suspension of most of the non-emergency services at public hospitals under the pandemic is a source of worries to senior citizens with chronic illness, as they have not been able to attend

scheduled medical appointments. Our **Asia-Pacific Institute of Ageing Studies (APIAS)** conducted a survey in May 2020 which revealed that over 60% of senior citizens are willing or very willing to try online medical consultations when the relevant technology is fully developed. Perceptions that older people are reluctant to adopt new technologies are outdated. The pandemic actually points to an opportunity for Hong Kong to develop telemedicine platforms in the forthcoming 5G era.



3.5 Social Findings Revealed in Pandemic

Responding to challenges brought by the pandemic to all walks of life in Hong Kong and beyond, faculty members of our **School of Graduate Studies (GS)** and **APIAS** had conducted research studies on various topics as below to identify the key societal issues and provided **recommendations for policy-makers and the general public**. **Press conferences** were held to release the findings which were widely reported by the media and publicised on social media.

- [Working from Home under COVID-19](#)
- [Online learning experience of university students under COVID-19](#)
- [GBA citizens' evaluation of Governance and Management of COVID-19](#)
- [Study on the provision of elderly services amid coronavirus pandemic](#)
- [Perceptions on the COVID-19 epidemic of the elderly in Hong Kong](#)
- [International/Non-local Students' Knowledge, Experiences, and Wellbeing amidst the COVID-19 Pandemic](#)



Reported by TVB news
Source:
<http://news.tvb.com/local/Sef304bb34b031b76008fedc>



3.6 Addressing International Concerns for Higher Education

In the wake of international concerns for the adversities brought by the coronavirus on higher education, Prof Ka Ho MOK, Dr Weiyan XIONG and Dr Padmore AMOAH shared their insights with universities around the world in webinars / symposium:

- Internationalization of Higher Education during Coronavirus Crisis, by Tehran University, **Iran**, May 2020
- COVID-19 and Higher Education, by SEMESP, **Brazil**, May 2020
- COVID-19 and Higher Education, by Centre for Global Higher Education, **UK**, May 2020
- Transforming Higher Education in the Era of New Normal: Responses and Prospects, by Tohoku University, **Japan**, June 2020
- Digital Transformation Forum, by Times Higher Education, **UK**, October 2020
- EAN Workshop: Economic aspects of the COVID-19 pandemic for higher education institutions, by European Access Network, **Belgium**, October 2020

4. Reaching Out to Business and the Public

4.1 Promoting Gerontechnology and Socialpreneurship

As was presented in our Research & KT Newsletter published in



April 2020 with the theme **Innovation & Impact for Intergenerational Well-being**, it has been the strength and on-going endeavour of LU in promoting understanding between generations through co-innovation and co-work.



The \$19.68 million **LU Jockey Club Gerontechnology and Smart Ageing Project**

endeavours to provide a platform for education and research in gerontechnology. A 2,000-sq-ft **LU Jockey Club Gerontech-X Lab** located on the LU campus was officially opened in February 2020 to encourage the general public to try out gerontechnology products on the premises for free, with an array of activities on offer.



‘HealthCare with eHealth’ Public Seminar

This seminar was held in September 2019 to encourage the elderly to make use of gerontechnology to regain independence. Expert users in the process of ageing were invited to share their experience in using the technology in healthcare management.



Gerontech Carnival in town

With the theme “Healthcare, Dining, Living, and Transport”, the carnival was held in October 2019 at Kwai Chung Estate to promote gerontechnology and products in the community. The event was supported by the Social Welfare Department, Tsuen Wan and Kwai Tsing District Social Welfare Office, and Windshield Charitable Foundation Kwai Chung Social Services.

Gerontech mobile lab reaching out to primary school students

A mobile gerontechnology lab was set up by LU at Shauiwan Tsung Tsin School in December 2019 where LU ambassadors demonstrated healthcare products to more than **110 students and teachers**, so that they may know about how smart ageing may help members of their families and community who may be in need.



Social Enterprise Intelligent Hub



A **Social Enterprise Intelligent Hub (SEI Hub)** was set up in April 2020 which provided a cloud platform for social enterprises, entrepreneurs, caregivers and users to connect and share their resources in elderly services across Hong Kong. It helps facilitate project financing and collaboration among social enterprises and start-ups, thus leading to innovations and development of gerontechnology. There are **100 social enterprises, NGOs and gerontechnology suppliers** using the platform already. In particular, **Hong Kong Telecom Limited (HKT)** has just signed a **Strategic Partnership Agreement** with LU to support the Hub’s development.

World Alzheimer's Day

LU was invited by **Tuen Mun Hospital** to organise activities for the World Alzheimer's Month, an international campaign which takes place every September to raise people’s awareness and challenge the stigma that surrounds dementia. Together with doctors from the hospital, Mrs KAO May Wan Gwen, Chairman of the Charles K. Kao Foundation (高錕慈善基金) shared about the disease and the collaboration between healthcare and social services providers at a Zoom meeting held on the LU campus on the World Alzheimer's Day in September 2020.



4.2 Preventive Care through Chinese Medicine

Chinese Medicine is known for its holistic treatment and preventive approach to diseases. This is in line with the kind of health care that we seek to offer in the Jockey Club smart ageing project for “Healthcare, Dining, Living and Transport” (醫食住行).



Since September 2020, the **Lingnan University Chinese Medicine Clinic** has been set up on campus. It also serves as a base to facilitate teaching and research in the subject area of healthcare. To help senior citizens with advice on preventive care in the pandemic, the University has been given the funding support of \$395,000 from the **Chinese Medicine Development Fund** of the HKSAR Government for the project “中醫藥在長者中預防新型冠狀病毒之推廣” which is coordinated by **Prof Albert LEUNG, Professor of Clinical Practice** at LU. The benefits are quality of life for the aged as well as reducing the social cost which is also an important objective of LU’s KT work.



4.3 Engaging Sector Partners

It has been the on-going efforts of LU academics to engage different sectors of profession for knowledge exchange and raising professional standards.

Business Sector

Competition Policy

The **Competition Commission** and **LU’s Centre for Competition Policy and Regulation** co-organised the **2019 Competition Enforcers and Academics Summit** in August which brought together **45 distinguished scholars and enforcers from 13 jurisdictions** in the Asia-Pacific region. To cater for jurisdictions of different maturity stages, the Summit presented sessions on various topics such as the inception and institutional design of a new agency, and the development of a robust enforcement track record and effective policy initiatives. Participants discussed how competition law academics and enforcers can mutually benefit from effectively leveraging each other’s knowledge, expertise and resources.



Hong Kong-Invested Manufacturing Industry in Greater Bay Area

To review the latest developments in this industry in the Guangdong-Hong Kong-Macao Greater Bay Area (GBA), the **Chinese Manufacturers’ Association (CMA) of Hong Kong** commissioned a research project led by



Prof WEI Xiangdong and Dr CHOW Man-kong of our **China Economic Research Programme** to conduct “The Operation and Contributions of Hong Kong-Invested Manufacturing Industry in Greater Bay Area, and the Development Strategies of Transformation and Upgrading”, with the support of the **Trade and Industry Department** of the HKSAR Government.

The project report, which is placed on CMA’s website for access by the industry and the public, helps **raise the awareness** of Hong Kong’s traditional industries to Industry 4.0 and **suggests policies** for future **transformation** and **industrial upgrading**. A **press conference** to disseminate the findings cum the “Future Direction of Hong Kong Industrial Development Summit Forum”, which was held in June 2020, was covered in **38 media reports**.

Transfer Pricing Practices

To share LU’s research findings with the **accounting industry** and to provide practitioners and professionals with an understanding of “transfer pricing” - a key topic of the industry, the **Creating an Impact: Lingnan Transfer Pricing Forum** was organised by the Department of Accountancy in September 2019 with Mr Kenny Wei, Partner at Transfer Pricing Services of EY Hong Kong, as the keynote speaker, while LU academics gave an overview of transfer pricing practices in mainland China and how that could be affected by a series of economic and political factors. The forum was attended by more than **70 industry practitioners**, alumni, students and faculty members.



Education Sector

After the release of research findings by the **Lingnan University-South China University of Technology Joint Research Centre for Greater Bay Area Social Policy and Governance**, Prof Ka Ho MOK, Dean of School of Graduate Studies and Co-Director of the Joint Centre was invited by the Professional Development & Training Division of the **Education Bureau** to provide professional training for more than **100 school teachers**. Prof Mok shared about the policy context, development strategies and recent developments of the GBA, and how Hong Kong young people perceived and evaluated the development opportunities over there. The training session helped prepare the participants to go for field visits in the GBA as part of their **professional development**.



4.5 In the Local and International Lime Light

Dissemination of research findings through sharing of expertise knowledge by our academics in media interviews and news articles are effective ways to increase the visibility and accessibility of LU research to non-academic audience, and to inform public debate on social issues in Hong Kong and beyond. In the reporting year, LU scholars were featured in **1,345 media reports or articles**, in print or electronic media, locally or internationally. Designated and regular columns contributed by our academics were given on **insights and analyses of cultural, economic, political and social issues** in major local Chinese media such as the Sing Tao Daily, etnet of Hong Kong Economic Times, and Think Hong Kong.

On topics of Social Policy and Higher Education Development

Expert opinion and research findings of **Prof Ka Ho MOK** were widely covered by local and international media and analyses such as the **University World News, The Economist, Times Higher Education, South China Morning Post, The Standard, TVB News, RTHK, Capital, Ming Pao Daily, Oriental Daily, Sing Tao Daily, Headline Daily, HK01, Hong Kong Economic Journal,**

Sina, and **Hong Kong Commercial Daily**. In 2019/20, Prof Mok had made active contributions to or being quoted in **100 press interviews and news articles**.

On topics of Social Issues and Political Development

Commentaries and articles given by academics of our **Cultural Studies Department** and **Political Science Department** also received wide attention. A number of opinion surveys were conducted in 2019/20 by LU's **Public Governance Programme** led by **Prof LI Pang-kwong** who was invited to the TV programme **時事全方位** hosted by **now News**, and gave his expert opinions on such media platforms as the **RTHK, Commercial Radio Hong Kong, Radio Taiwan International, TVB News, The Standard, Ming Pao Daily, HK01, Oriental Daily, am730, Sing Pao**, and **Sing Tao Daily**.

Prof ZHANG Baohui, Director of the **Centre for Asian Pacific Studies**, has been a much sought after commentator on issues of international relations. His comments and appearance were in **92 media articles** in 2019/20 on such platforms as the **BBC News, Bloomberg, US News & World Report, Asia Times, The Japan Times**, and **South China Morning Post**.

5. Conclusion

While our hearts go to many around the world in this time of great difficulties under the pandemic, it is also the juncture when researchers should seek to do more - for wherever there is the constraint imposed by the crisis, there is the cause for more research and KT work. This is especially so in social contexts where there are the lonely, the frustrated and the disadvantaged. We are encouraged by the arduous efforts of our colleagues who seek to find out who those social groups are and what their voices and needs are through various studies under the Fighting COVID-19 @ Lingnan, and apply the findings to practical tools for professionals to serve better and for the hard hit communities to be cared for.

Hence, instead of achieving less under the constraints, by all means of creativity and technology, our research and KT practitioners have turned out more, in addition to the momentum we have been building up on KT - whether in collaborations with the industry on using artificial intelligence for the benefits of the general public and making technologies work for our senior citizens, engaging the business and education sectors in coping with the changing landscape of operations, or starting two "clinics" within the University – the Chinese Medicine Clinic to protect our precious health and the IP Clinic to protect our brain work.

Furthermore, our work in the nurturing of entrepreneurship and providing the necessary training has been thriving even more over the reporting period, with the funding support and professional workshops jointly presented by the Lingnan Entrepreneurship Initiative and the Office of Research and KT.

Together with our new research centres jointly set up with universities in the Greater Bay Area on Social Policy, e-Business, Decision Sciences, Insurance and Risk Management, and Ageing in Place, we look forward to bringing our Triennium Plan for KT to fruition in raising people's quality of life and the competitiveness of businesses in the region and beyond.

October 2020

Key Performance Indicators
(Data 1 July 2019 – 30 June 2020)

Key Performance Indicators			Last Year 2018/19	This Year 2019/20
1.	Number of trademarks registered in the year		---	1
2.	Number of on-going contract researches and income thereby generated	Number of projects	10	20
		Cumulative income from projects	\$16,504,759	\$25,385,900 ↑ 54%
		Total contract value	\$24,808,815	\$29,800,658
3.	Number of on-going social projects and income thereby generated	Number of projects	13	15
		Cumulative income from projects	\$14,149,437	\$43,792,389 ↑ 209%
		Total contract value	\$101,034,390	\$107,049,759
4.	Number of professional projects including consultancies, and income thereby generated	Number of projects	20	26
		Income from projects in the year	\$3,744,710	\$6,887,626 ↑ 84%
		Total contract value	\$9,713,842	\$15,818,172
5.	Income from consultancies other than item (4) above		\$235,000	\$402,200 ↑ 71%
6.	Income received from Continuing Professional Development (CPD) courses		\$39,146,328	\$39,469,167
	Total Income for Items (2)+(3)+(4)+(5)+(6)		\$73,780,233	\$115,937,282 ↑ 57%
	Total Contract Value for Items (2)+(3)+(4)		\$135,557,047	\$152,668,589

		Last Year	This Year
Key Performance Indicators		2018/19	2019/20
7.	Number of public lectures delivered in the year	87	58
8.	Number of performances arts (music, dance, drama, etc.) delivered in the year	17	7
9.	Number of exhibitions conducted in the year	13 (6 on campus, 7 off campus)	5 (3 on campus, 2 off campus)
10.	Number of other KT activities conducted in the year	217 <u>including:</u> - KT projects/ activities, and professional training by Faculty members: 49 - KT activities in Entrepreneurship and Innovation: 65 - KT activities in Service Learning: 103	230 <u>including:</u> - KT projects/ activities, and professional training by Faculty members: 45 - KT activities in Entrepreneurship and Innovation: 100 - KT activities in Service Learning: 85
	Total Number of Social, Community and Cultural Engagement in Items (7)+(8)+(9)+(10)	334	300
11.	Innovation and Impact Fund (IIF) - KT Programme / Knowledge Transfer Project Fund (KPF) as supported by the UGC KT Fund – number of on-going projects	19	14
12.	Number of staff engaged as members of external advisory bodies including professional, industry, government, statutory or non-statutory bodies	34 staff members (taking up 76 roles on advisory bodies)	35 staff members (taking up 75 roles on advisory bodies)
13.	Number of publicity or media exposure related to KT, including print, on-line and electronic media	708	1,345
14.	Number of download count of thesis, books and journal papers from “Lingnan Repository” by the public	87,247	85,850
15.	Total number of beneficiaries from KT projects / activities	41,118	43,120

Newly funded in 2019/20

Entrepreneurship Programme (for Faculty and Students)

- 1) RippleTriple: Youth employment - Career success
- 2) Curtain providing apposition compound vision with fluid motion
- 3) City Fenestration (Soft-views)
- 4) Establishing an affordable, accessible solution to challenges in water supply in developing countries

KT Programme

I. Building a Caring and Understanding Society

- 5) A robot companion for the elderly in Hong Kong
- 6) Plastic Circularity: Online education materials for secondary school students to learn the negative impact of plastic to the environment and the concept of circular economy

II. Revitalising Heritage, Arts and Culture Outreach

- 7) Celebrating stories of ethnic minority women in garment making in Hong Kong

III. Business and Economy, Raising Professional Standards

- 8) Improving a personalised vocabulary learning system with artificial intelligence techniques

In progress in 2019/20

I. Building a Caring and Understanding Society

- 1) Promoting the well-being of children and young people in Hong Kong
- 2) Building inclusive workplaces for lesbian and bisexual women in Hong Kong's financial services industry
- 3) Contextualizing discourses of sexual violence: Perpetrator's perspectives
- 4) The long-term care needs of older people in Hong Kong rural area: The case of Yuen Long

II. Business and Economy, Raising Professional Standards

- 5) Expanding Hong Kong people's space: Promoting cross-border employment and entrepreneurship in the Greater Bay Area
- 6) Transgelism: Promoting the concept and good practices of Chinese-English translation in Chinese-speaking communities

III. Revitalising Heritage, Arts and Culture Outreach

- 7) Exploring and trekking Hong Kong historic cinema districts: Past and present

Completed in 2019/20

I. Building a Caring and Understanding Society

- 1) First generation South Asian settlers in Hong Kong - An ethnic documentary theatre project

II. Business and Economy, Raising Professional Standards

- 2) Bereavement care training workshops

III. Revitalising Heritage, Arts and Culture Outreach

- 3) Education outreach: Lecture and workshop series

Entrepreneurship Programme (for Faculty and Students)

1. RippleTriple: Youth employment - Career success

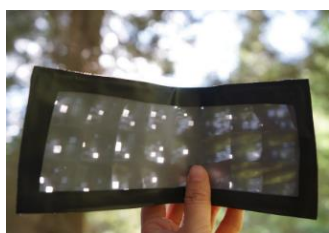


- To support youth employment by developing a platform that provides students with internship opportunities and tightening the relationship among universities, NGOs, social enterprises and business companies

Target beneficiaries: Youth

Student Team Leader: Ann CHAN, Social and Public Policy Studies

2. Curtain providing apposition compound vision with fluid motion



- To develop an innovative curtain providing extra pleasure for viewers in looking out of the window

Target beneficiaries: General public

Project Leader: Ms Zoie SO, Department of Visual Studies

3. City Fenestration (Soft-views)



- To implement marketing strategies and promotion plan for the creative curtain product

Target beneficiaries: General public

Student Team Leader: Karl CHAN, Visual Studies

4. Establishing an affordable, accessible solution to challenges in water supply in developing countries



- To relieve the critical water crisis in less developed countries by improving accessibility of safe water in rural villages with an affordable and innovative water tank alternative

Target beneficiaries: Households in less developed countries

Project Leader: Prof Jonathan FONG, Science Unit

KT Programme

I. Building a Caring and Understanding Society

5. A robot companion for the elderly in Hong Kong

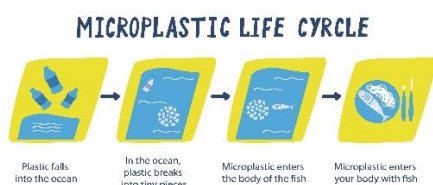


- To identify the specific needs of the elderly in terms of human-robot interaction and how a robot companion can be used to raise their quality of life
- To develop a robot app that helps the elderly and caregivers in Hong Kong

Target beneficiaries: Elderly and caregivers in Hong Kong

Project Leader: Prof Wendy HUI, Department of Computing and Decision Sciences, Faculty of Business

6. Plastic Circularity: Online education materials for secondary school students to learn the negative impact of plastic to the environment and the concept of circular economy



- To develop learning materials on plastic pollution and circular economy
- To equip students with knowledge, awareness and horizons as a global citizen to drive the sustainable development of Hong Kong

Target beneficiaries: Secondary school students in Hong Kong

Project Leader: Prof Paulina WONG, Science Unit

II. Revitalising Heritage, Arts and Culture Outreach

7. Celebrating stories of ethnic minority women in garment making in Hong Kong



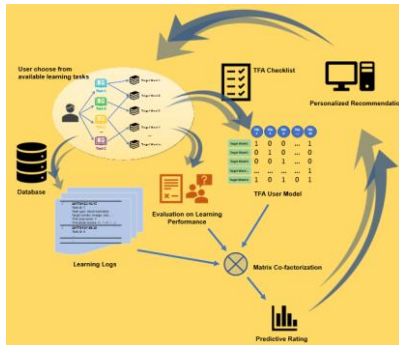
- To showcase stories of ethnic minorities and their histories and contributions in the garment production industry in Hong Kong
- To foster and promote the importance of cultural inclusion

Target beneficiaries: South Asian and refugee communities in Hong Kong and the general public

Project Leader: Prof Lisa LEUNG, Department of Cultural Studies, Faculty of Arts

III. Business and Economy, Raising Professional Standards

8. Improving a personalised vocabulary learning system with artificial intelligence techniques




- To improve the personalised vocabulary learning system with AI techniques
- To facilitate the commercialisation and marketing of the system, and encourage the integration of AI techniques and education in Hong Kong




Target beneficiaries: Secondary school and university students in Hong Kong

Project Leader: Prof XIE Haoran, Department of Computing and Decision Sciences, Faculty of Business


I. Building a Caring and Understanding Society

Project Title Project Leader	Performance Indicators			
	Beneficiary Types (Number)	Quantitative Indicators	Qualitative Indicators	No. of External Partners
1 Promoting the well-being of children and young people in Hong Kong Prof Stefan KÜHNER, Centre for Social Policy and Social Change, Faculty of Social Sciences 	NGOs, government departments, policy makers, children and parents, and the general public (Target: 600)	<ul style="list-style-type: none"> ◆ A collaborative policy brief was specifically produced for consumption of non-academic audiences ◆ A collaborative booklet on how to engage children and young people into the public policy process was produced ◆ 29 local stakeholders were identified ◆ A press conference was scheduled for 30 September 2020 	◆ The stakeholder analysis will identify all relevant local NGOs working on the issues of well-being of children and young people (including those with diversified needs) in Hong Kong	The project is solely conducted by the project team


I. Building a Caring and Understanding Society

Project Title Project Leader	Performance Indicators			
	Beneficiary Types (Number)	Quantitative Indicators	Qualitative Indicators	No. of External Partners
2 Building inclusive workplaces for lesbian and bisexual women in Hong Kong's financial services industry Prof Denise TANG, Department of Cultural Studies, Faculty of Arts 	Lesbians and bisexual women working in the financial services industry (Target: 150)	◆ 3 meetings were conducted with the target group of beneficiaries ◆ An online survey was developed and 66 survey responses were received	To be developed	2
3 Contextualizing discourses of sexual violence: Perpetrator's perspectives Prof Annie CHAN, Department of Sociology and Social Policy, Faculty of Social Sciences 	NGOs, social workers, teachers, students and the general public (Target: 343)	◆ 13 in-depth interviews with service users of STPPASV were conducted ◆ An online public seminar was conducted for social workers, teachers and professionals concerning sexual violence	To be developed	1
4 The long-term care needs of older people in Hong Kong rural area: The case of Yuen Long Prof Dickson CHAN, Asia-Pacific Institute of Ageing Studies 	NGOs, government departments, elderly services providers, the elderly and youth (Target: 250)	◆ 2 training sessions on ageing in place and designing interview questions were conducted for 24 students	To be developed	3


II. Business and Economy, Raising Professional Standards

Project Title Project Leader	Performance Indicators			
	Beneficiary Types (Number)	Quantitative Indicators	Qualitative Indicators	No. of External Partners
5 Expanding Hong Kong people's space: Promoting cross-border employment and entrepreneurship in the Greater Bay Area Prof HUANG Genghua, School of Graduate Studies 	♦ The elderly, youth and the general public Total: 230	♦ 3 workshops were organised to share employment and entrepreneurial information in the GBA with the youth ♦ A public seminar was organised to share information on lifestyle and nursing home in the GBA with the elderly ♦ More than 85% of participants were satisfied with the workshops and the public seminar ♦ 150 sets of the booklet “粵港澳大灣區跨境青年創業手冊” were distributed to the youth ♦ 80 sets of the booklet “粵港澳大灣區跨境安老資訊手冊” were distributed to the elderly ♦ An online platform (粵港澳大灣區跨境安老資訊平台 www.gbchinahub.com) was established to share the GBA information, which attracted 449 visitors as of 5 July 2020	♦ Positive feedback was received from the online platform users and participants of workshops and seminar ♦ Promoted cross-border youth entrepreneurship and retired living in the GBA ♦ Enhanced public knowledge on the development and opportunities in the GBA ♦ Facilitated the life of Hong Kong residents who are living in the GBA by providing them with the accessible and comprehensive information	3




II. Business and Economy, Raising Professional Standards

Project Title Project Leader	Performance Indicators			
	Beneficiary Types (Number)	Quantitative Indicators	Qualitative Indicators	No. of External Partners
6 Transgelism: Promoting the concept and good practices of Chinese-English translation in Chinese-speaking communities Prof Isaac HUI, Department of Translation, Faculty of Arts 	♦ Language and translation professionals, tertiary school teachers and students Total: 100	♦ A workshop on transgelism was conducted in Shenzhen for the language and translation professionals, teachers and students ♦ A survey on the workshop was conducted ♦ 92.9% of survey respondents agreed that the presentations were helpful in promoting the concept of translation, and found the presentations informative and inspiring	♦ The Translators Association of Shenzhen recognised that the workshop had successfully contributed to the building of a globalised language environment, and to the cultivating of global language experts and talents in Shenzhen ♦ Positive feedback from the workshop participants was received	1


III. Revitalising Heritage, Arts and Culture Outreach

Project Title Project Leader	Performance Indicators			
	Beneficiary Types (Number)	Quantitative Indicators	Qualitative Indicators	No. of External Partners
7 Exploring and trekking Hong Kong historic cinema districts: Past and present Prof Emilie YEH, Centre for Film and Creative Industries, Faculty of Arts 	Secondary and tertiary school teachers and students, local English speaking communities and the general public (Target: 140)	♦ A website for showcasing the project (https://www.ln.edu.hk/cfci/ktproject/) was launched, with sample research findings and publications, videos, and tour details to stimulate public interest in Hong Kong screen culture from past to present and cultural heritage of Hong Kong	To be developed	2

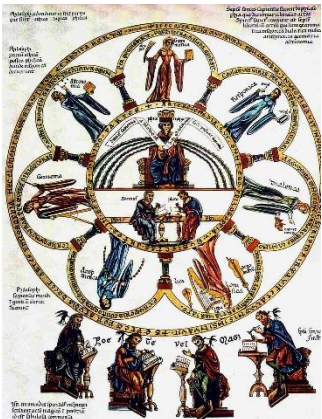
I. Building a Caring and Understanding Society

Project Title Project Leader		Performance Indicators			
		Beneficiary Types (Number)	Quantitative Indicators	Qualitative Indicators	No. of External Partners
1	<p>First generation South Asian settlers in Hong Kong - An ethnic documentary theatre project</p> <p>Prof Lisa LEUNG, Department of Cultural Studies, Faculty of Arts</p> <div></div>	<ul style="list-style-type: none">◆ The general public (150)◆ South Asian minorities and youths (97)◆ Performing arts sector (8) <p>Total: 255</p>	<ul style="list-style-type: none">◆ 10 interviews with the first and second generation of South Asians (including Indian, Pakistani, Nepalese) in HK were conducted◆ A series of performance workshops was conducted to train 18 ethnic minority youths in a theatrical presentation with skills such as speaking, singing, team work and acting◆ A showcase of public presentation was performed by the participants to the local ethnic minority NGOs, officers from the Equal Opportunity Commission, teachers and the general public◆ A public theatre named “Testimony” was staged at Cattle Depot Artist Village with 100 audience◆ The public presentations received 3 media coverage◆ A Facebook page was developed	<ul style="list-style-type: none">◆ The interviews and stories highlighted the contributions of ethnic minorities, as well as the dynamics and struggles of working class second generation of South Asians in HK◆ The public presentations showcased various talents of ethnic minorities which was well-received and appreciated by the audience◆ Raised public awareness of the histories of South Asians in HK and the appreciation of their contributions to the territory◆ Ethnic actors were able to reflect on their own history, position and identity in HK◆ The trainings and presentations empowered the ethnic minorities and uplifted their self-confidence◆ The “Testimony” was awarded “Performance of the Year” and “Scenography of the Year” by the International Association of Theatre Critics (HK) Critics Awards in 2019	2

II. Business and Economy, Raising Professional Standards

Project Title Project Leader	Performance Indicators			
	Beneficiary Types (Number)	Quantitative Indicators	Qualitative Indicators	No. of External Partners
<p>2 Bereavement care training workshops Prof WONG Wai-ying, Department of Philosophy, Faculty of Arts</p> 	<p>◆ Professionals in death-related professions, care-givers, teachers, nurses and social workers</p> <p>Total: 119</p>	<p>◆ 4 workshops were organised for 119 practitioners</p> <p>◆ Around 1,300 people will be benefited from the participants' services or activities as a result of the workshops</p> <p>◆ A Facebook page was developed to serve as a platform to communicate among the participants, and publicise relevant articles and videos</p>	<p>◆ Participants were able to understand the general phenomena of the bereaved and more knowledgeable to assess their psychological situation</p> <p>◆ Participants had acquired general guidelines and basic technique in bereavement counselling</p> <p>◆ Participants had possessed basic skills in using various art media to explore the perceptions of death with the bereaved and lead them in expressing their emotions</p> <p>◆ Participants had been more aware of the significance of self-discipline and meditation on the path of recovery</p> <p>◆ Participants had recognised the utility of near-death experience and enhanced their personal preparation in bereavement care</p> <p>◆ Participants expressed that they will use the knowledge and skills acquired in the workshops in the future</p>	<p>The project is solely conducted by the project team</p>

III. Revitalising Heritage, Arts and Culture Outreach

Project Title Project Leader	Performance Indicators			
	Beneficiary Types (Number)	Quantitative Indicators	Qualitative Indicators	No. of External Partners
3 Education outreach: Lecture and workshop series Prof Derek BAKER, Department of Philosophy, Faculty of Arts 	<ul style="list-style-type: none"> ◆ Secondary school students (150) ◆ Secondary school instructors (5) Total: 155	<ul style="list-style-type: none"> ◆ 5 lectures/seminars were conducted ◆ One of the lectures was given to over 50 students from 5 International Baccalaureate (IB) schools who enrolled in the IB Philosophy curriculum 	<ul style="list-style-type: none"> ◆ Designed new course materials for the Curriculum Development Institute of the Education Bureau, which will be incorporated into the curriculum of Ethics and Religious Studies ◆ Enhanced teacher understanding of philosophy ◆ Provided teaching materials for secondary school teachers ◆ Introduced secondary school students to cutting edge philosophical research and enriched their understanding of Chinese Philosophy 	4

Annex 4

Other KT Projects by Theme



Other KT Projects by Theme

I. Informing Public Policy

	Project Name	Target Group(s) of Beneficiaries	No. of External Partners
1.	6 Public Opinion Survey Projects	Professionals, general public, policy-makers	5
2.	Relationship between Poverty and Neurocognitive Skills (PPR project)	Professionals, policy-makers	---
3.	Housing as an Intergenerational Project-parent Resources, Parental Strategies and the Housing Opportunities of Young People in Hong Kong (PPR project)	Professionals, policy-makers	---
4.	Privacy Challenges and Big Data in Smart City (PPR project)	Professionals, policy-makers	---
5.	The Greater Bay Area and Career Opportunity for Hong Kong Youth: Integrating Big Data Analysis and Survey Experiments (PPR project)	Professionals, policy-makers	---
6.	From Bonding to Bridging: Building Social Cohesion between Mainland Talents and Hong Kong Professionals (PPR project)	Professionals, policy-makers	---
7.	Ripple Effects of Social Movements: Initial Biographical Consequences of Hong Kong's Anti-Extradition Law Amendment Bill Movement (PPR project)	Professionals, policy-makers	---
8.	Loss of Innocence: Participation of Secondary School Students in Hong Kong's Anti-Extradition Law (PPR project)	Professionals, policy-makers	---
9.	Consultancy study on the Policy requests of the Guangdong-Hong Kong-Macao Greater Bay Area Development Plan by Hong Kong various sectors	Professionals, policy-makers	1
10.	Comparative Study of Competition Impact Assessment in Australia and China: Implications for Hong Kong	Policy-makers	1

II. Revitalising Heritage, Arts and Culture Outreach

	Project Name	Target Group(s) of Beneficiaries	No. of External Partners
1.	Annals of Chinese Opera and Anthology of Chinese Opera Music (HK Volumes)	Music professionals	1
2.	Compilation of Anthology of Chinese Narrative Singing and Anthology of Chinese Folk and Ethnic Instrumental Music: The Hong Kong Volume	Music professionals, general public	1
3.	Study on the Genetic Provenance of <i>Elaphe taeniura</i> in Hong Kong	Scientists, general public	1
4.	Study on the Conservation Status of <i>Platysternon megacephalum</i> in Hong Kong	Scientists, general public	1
5.	Camera Surveillance & Trap Search in Freshwater Turtle Population Key Sites	Scientists, general public	1
6.	藝·地·人 – 香港公共藝術的轉型	Artists, general public, policy-makers	1
7.	Conservation genomics of the critically endangered golden coin turtle (<i>Cuora trifasciata</i>) and application	Scientists, general public	1

	Project Name	Target Group(s) of Beneficiaries	No. of External Partners
	to ex-situ breeding and wildlife DNA forensics		
8.	A data-driven approach to strengthening trade enforcement of turtles	Professionals in conservation of turtles, general public	1
9.	Historical Research of the Shaw Studios in Hong Kong	Heritage professionals, general public	1
10.	Research on Arts and Wellbeing	Patients, elderly, disabled people, at-risk youths, practitioners in health care and well-being, policy-makers	1
11.	Research on Lands in the New Territories	Heritage professionals, general public	1
12.	Market value survey of endangered species	Professionals in conservation of turtles, general public	1
13.	Revitalization of Rural Heritage and Community in Hong Kong: A Case Study of Lai Chi Wo	Heritage professionals and practitioners in built heritage conservation, government officials, general public	1
14.	Art as intervention in serving child victims of family violence	Social workers, child victims of family violence, students with Special Education Needs, children with chronic illness	1
15.	Art as intervention in serving child victims of family violence : a parent-child art therapy approach	Child victims of family violence, parents, social work and medical professionals, general public	1
16.	The Hong Kong Jockey Club "ICH+" Heritage of Pride: Intangible Cultural Heritage Education	Secondary and tertiary school students and teachers	2
17.	Saath-Saath Music across the Waters	Music lovers, general public	1
18.	Jockey Club Hong Kong History Learning Programme	Primary and secondary school students and teachers	1
19.	History of the Court of Final Appeal at No. 8 Jackson Road	Heritage professionals, general public	3
20.	Tseung Kwan O Community Oral History Learning Programme	Heritage professionals, students, general public	1
21.	Tour of "Diffusion of Chinese Culture: Quanzhou"	Secondary school teachers	1
22.	Tung Wah Group of Hospitals 150th Anniversary Book	Tung Wah Group of Hospitals, general public	1
23.	Commemorative Book for the 45th Anniversary of Construction Training in Hong Kong	Hong Kong Institute of Construction, professionals in the construction industry, general public	1
24.	Lingnan University Chinese Cultural Project	Primary, secondary, tertiary teachers and students, professionals, general public	2
25.	Creativity and Child Development	Social workers, parents	1

III. Business & Economy, Raising Professional Standards

	Project Name	Target Group(s) of Beneficiaries	No. of External Partners
1.	Occupational Stress and Its Social and Economic Implication in Hong Kong	Workers in major economic sectors, general public	1
2.	In Search of Effective Supervision Model to Enhance Service Delivery Quality	Social workers	1
3.	Data driven causal inference	Scientists, professionals in the field	---
4.	Smart Toilet: An AIoT Based Predictive Maintenance Solution	Professionals in smart technology, general public	1
5.	Organisation of Study Tour to Tianjin	Secondary school teachers of Chinese	1

	Project Name	Target Group(s) of Beneficiaries	No. of External Partners
		History and History	
6.	Provision of Professional Development Programmes on Literature in English Learning and Teaching for the 2019/20 School Year	Secondary school teachers of English Literature	1
7.	Organisation of Study Tours to Suzhou and Chongqing	Secondary school teachers of Chinese History and History	1
8.	Teaching Resource Book for Chinese History Teachers	Secondary school teachers of Chinese History	1
9.	Organization of Chinese History and Culture Study Tours for Teachers	Secondary school teachers of Chinese History and History	1
10.	Organising Field Study Tours for Teachers to 5 cities of the Greater Bay Area	Chinese History teachers	1
11.	Safety Culture Survey	Management and employees of the company	1
12.	粵港智慧金財稅聯合創新中心合作項目	Professionals	1
13.	Professional trainings for insurance practitioners	Insurance practitioners	1
14.	Basic Law Seminar: How Hong Kong can take advantage of its unique economic and trading status endowed by Basic Law to thrive and develop in the Greater Bay Area	Education professionals	1
15.	Research Report of Cultivating Hong Kong Youth's STEM Literacy	Kindergarten, primary and secondary schools in HK, professionals in the field of STEM, policy-makers	1
16.	Training seminar for social workers	Social workers	1

IV. China and Beyond

	Project Name	Target Group(s) of Beneficiaries	No. of External Partners
1.	The Operation of Hong Kong-invested Manufacturing industry in the Greater Bay Area	Manufacturing industry	1
2.	Ageing in Place in Jiangmen	General public, policy-makers	---
3.	Lingnan Student Voluntary Tutoring Scheme: Online Tutoring for Rural Students in China	Students in rural China	1
4.	Policy brief: Under-coverage of Social Insurance of Workers in the Informal Economy in China	Professionals, policy-makers	1

V. Building a Caring and Understanding Society

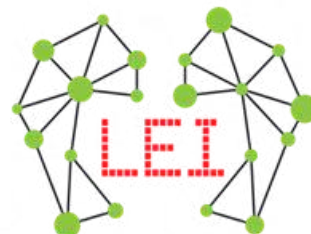
	Project Name	Target Group(s) of Beneficiaries	No. of External Partners
1.	The Voices of Ethnic Minority Children on Their Lives and Well-Being in Hong Kong	Children with ethnic minority background and South Asian community in Hong Kong, school teachers, frontline practitioners and NGOs, general public	1
2.	In a Search for an Innovative Collaboration with the Employers – A New Direction for the Employment Services for the South Asians in Hong Kong	South Asian minorities in Hong Kong, general public, policy-makers	2
3.	Children Happiness Index 2019	Primary and secondary school students	2

	Project Name	Target Group(s) of Beneficiaries	No. of External Partners
4.	Jockey Club Age-Friendly City Project Baseline Assessments and Training and Professional Support	Elderly, NGO staff and agencies, general public	21
5.	The Hong Kong Jockey Club Intergenerational Communication and Health Promotion Programme	Youth, elderly, general public	28
6.	Jockey Club Age-friendly City Project (Second Phase) Baseline Assessments, Training, District Engagement and Professional Support	Elderly, general public	3
7.	LU Jockey Club Gerontechnology and Smart Ageing Project	Elderly, general public, social enterprises, NGOs, welfare units	173
8.	Ageing in Place: Students' Participation and Research Project	Elderly, general public, social enterprises, NGOs, welfare units	---
9.	Care for Carers: Intergenerational Services and Research Project	Elderly, general public, social enterprises, NGOs, welfare units	---
10.	Human-robot interaction design	Highly-gifted student members of HKAGE	1
11.	Business Genius in Silver Age	Elderly, general public	1
12.	Happy Ageing with Chinese Medicine Project	Elderly, general public	1



Annex 5

Lingnan Entrepreneurship Initiative Highlights and Service Learning Projects 2019/20



Lingnan Entrepreneurship Initiative (LEI)

Performance Indicators

(excluding those reported under SLRS)

2019/20

No. of community participants

1,980

No. of student participants

714

No. of events and campaigns

40

No. of service hours

4,187



The team designed and installed low cost 4,000-liter water tanks and efficient energy units in Uganda for addressing the community needs

The team created basic plant biology learning modules and workshops on setting up a simple low-cost hydroponic system with middle and high schools students in Nepal



Service-Learning and Research Scheme (SLRS) and Trailbrazer Programme (TP)

(formerly known as the Trans-border Service Learning Programme)

Service-Learning and Research Scheme (SLRS).

Performance Indicators	2019/20
No. of beneficiaries	5,302
No. of student participants	716
No. of LU academic engaged	29
No. of courses with S-L elements	35
No. of service hours	34,430.5

Trailbrazer Programme (TP).

Performance Indicators	2019/20
No. of beneficiaries	5,890
No. of student participants	48
No. of programmes	16
No. of service hours	3,918

Service-Learning and Research Scheme (SLRS) and Trailbrazer Programme (TP)

(formerly known as the Trans-border Service Learning Programme)

No. of beneficiaries by group

Beneficiaries groups	No. of beneficiaries
Children	920
Youth	870
Elderly	1,302
Ethnic minorities	108
Mentally-ill patients and rehabilitators	52
Women	40
Poverty	670
The public	6,782
Social enterprises	400
Agencies and their members	48

Total: 11,192



No. of beneficiaries by visiting region

Regions	No. of beneficiaries	Regions	No. of beneficiaries
Mainland China	1,000	South Korea	20
Hong Kong	5,262	Uganda	3,070
Nepal	1,800	USA	40

Total: 11,192

Jockey Club

"We care, We serve & We learn @ Tuen Mun" and "Project Ultra Violite"

Performance Indicators

2019/20

No. of beneficiaries

10,148

No. of student participants

158

No. of events and campaigns

30

No. of service hours

1,802



Providing free and efficient UV disinfection service for subdivided units, reducing the risks of household infections and community outbreaks

Partners of the community/industry engaged

1. Active Concept
2. AESIR
3. Art Boundless
4. Art Boundless Creative
5. Carnegie Mellon University, Kyempapu
6. Centre for Innovative Service-Learning, HKBU
7. Ching Chung Koon
8. Chow Shiu Chor Memorial Youth Development Centre
9. Christian & Missionary Alliance Tuen Mun Church Family Service Hing Yiu Service Centre
10. Christian Action (Social Enterprise Division)
11. Christian Action SHINE Centre
12. Concern for Grassroots' Livelihood Alliance
13. Dream Impact
14. Effat University, Saudi Arabia
15. Eldpathy
16. Emcompass
17. Enactus Hong Kong
18. Endeavor
19. EPIC Zone
20. Fai Kit Organic Farm
21. Fantastic Ladies' Café, The Free Methodist Church of Hong Kong Social Service Division
22. Food Made Good
23. Global Game Jam
24. GoHarvest
25. Health In Action
26. Heart to Heart, HKU
27. HKUST Entrepreneurship Center
28. Hong Kong Army Cadets Association
29. Hong Kong Dragon Kiln Concern Group
30. Hong Kong Policy Research Institute Limited - International Relations Centre
31. Hong Kong Red Cross
32. Hong Kong Science and Technology Park
33. Hong Kong Sheng Kung Hui Tuen Mun Integrated Services Jockey Club Youth Express
34. Hope College
35. Hult Prize

Partners of the community/industry engaged

36. Institution for Suitable Actions for Prosperity
37. Kirinda Youth Environmental Protection and Poverty Allevation Program Uganda
38. MamaMilk Baby Alliance
39. Merck
40. Mission for Migrant Workers
41. MIT Innovation Node
42. MTR Corporation Limited
43. Necessiti
44. Oberlin College
45. OnBoard
46. PathFinder Hong Kong
47. People Service Centre Limited
48. Pok Oi Hospital
49. Pok Oi Hospital Children and Family Development Center
50. Seoul Women's University, South Korea
51. Social Welfare Department
52. South China University of Technology, Guangzhou
53. Sweet Stories
54. Techstars
55. Tencent Westart
56. The Association for the Advancement of Feminism
57. The Evangelical Lutheran Church of Hong Kong
58. The Hong Kong Housing Society
59. The Hong Kong Mortgage Corporation Limited
60. The Neighbourhood Advice-Action Council Fu Tai Neighbourhood Elderly Centre
61. The Salvation Army Kam Tin Residence for Senior Citizens
62. The Urban Peacemaker Evangelistic Fellowship Ltd.
63. Tuen Mun Hospital
64. V-Artivist
65. Willamette University
66. WuZhiQiao Programme
67. Yan Oi Tong Community Service Centre
68. Yan Oi Tong Tuen Mun Community Green Station
69. Yan Oi Tong Woo Chung District Elderly Community Centre
70. Yan Oi Tong Youth Space