

Annual Report on
Recurrent Funding for

Knowledge Transfer

1 July 2020 to 30 June 2021



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

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1. Executive Summary

It has been an intriguing question as to how knowledge transfer (KT) in arts and humanities may create “value”. Could it be like the conventional technology transfer to create monetary value, or more than that? As a leading liberal arts university in Asia, we at Lingnan are enthusiastic about demonstrating the potential of KT in leading to social and economic benefits, while at the same time also attracting funding and donations as testimonies to community and industry support for our mission and vision.

The United Nations (UN) have since 2015 adopted 17 Sustainable Development Goals (SDGs) amidst challenges to mankind which have been ever more acute in the wake of climate change and various humanitarian crises. This report will elaborate how Lingnan researchers and KT practitioners contribute to the SDGs. There were typical examples of their work over the past year “to **Sustain**” and “to **Renew**” – whether in sustaining the biodiversity even in a small place like Hong Kong, or in renewing, not just material resources, but also talents of our senior citizens. Furthermore, we add to the beauty of these initiatives by exploring and utilising technology, and have it married with humanities, thus incorporating **Humanitarian Technology** in our innovations and social enterprising.

In the Times Higher Education Impact Ratings 2020, Lingnan ranked 2nd worldwide for “Quality Education”, #48 for “No Poverty” and 71st in promoting “Decent Work and Economic Growth”. We kept up with this momentum in 2020/21 since our “Fighting COVID-19 @ Lingnan” campaign and had announced our **1st humanitarian invention**, the “Transparent Anti-COVID-19 Face Mask”, which will be turned into products with strong donation support and wide media coverage. We also presented our **1st Social Enterprising Award**, the “Booster Prize”, to 4 student/graduate teams who won the first competition organised by the University with their innovations for **sustaining** natural resources and community support, and **renewing** the skills of retirees for the community’s benefits.

Social enterprises and innovations had benefited from services of the “IP Clinic by ORKT” as the institutional profile and commitment to KT continued to grow since the research office was renamed as the Office of Research and Knowledge Transport (ORKT) in the last reporting year. In 2020/21, the IP Clinic had facilitated patent filings for three inventions and one trademark registration. Its professional service had also expanded into contract review and drafting work. Examples included reaching the **1st licensing deal** of the University and advising on the partnership agreement with Hong Kong Telecom, among many other contracts of research and KT projects.

Lingnan’s strength in research and KT projects of high social value and relevance was exemplified in the continued growth of funding support from the community and industry, as in the rise of **29%** in cumulative income from on-going social projects to **\$56.7 million**, and an overall increase of **13%** in income from KT and consultancy work and professional development courses to **\$135 million**.

Our dedication to addressing social needs with impactful research and KT was validated by Lingnan’s remarkable results in the Research Assessment Exercise (RAE) 2020. More than half of the University’s Impact Cases were rated 4-star (“outstanding impacts”) or 3-star (“considerable impacts”) which contributed to the SDGs. In addition, over 50% of our research outputs were rated 4-star (“world leading”) or 3-star (“internationally excellent”), with our Units of Assessment in Sociology & Anthropology and Social Work & Social Policy having the highest percentages of 4-star outputs and 4+3-star outputs respectively among the eight UGC-funded universities.

To extend our research achievements to social impact locally and beyond, we established the Institute of Policy Studies in September 2020 to provide professional training in policy, development and governance. To capture development opportunities in the Guangdong-Hong Kong-Macao Greater Bay Area, we have recently signed a Letter of Intent on Collaboration with **Shenzhen University** to promote technology transfer in industrial technologies, and a Memorandum of Understanding with **Shenzhen Open University** for cross-border collaborations. These are important endeavours of the University in advancing the SDG “Partnership for the Goals” as an integral part of our strategies for research and KT.

2. Energy of Innovations

2.1



Our IIF, which utilises UGC’s KT Fund, has proven to be an effective catalyst of innovative ideas for translating research into impact, and supporting entrepreneurship. **13 projects** were approved In 2020/21 including social enterprises led by student teams. “Comma” is one which supports the development of a Cantonese learning platform for **ethnic minorities** in Hong Kong and creates a **sustainable learning community** for them. Projects led by faculty members spread across the themes of raising professional standard, informing public policy, enhancing organisation leadership, promoting environmental sustainability, and building a caring society.



2.2 Research & KT Excellence Awards 2021



The Research and KT Excellence Awards Presentation Ceremony 2021 was successfully organised by ORKT in April 2021. A **new Booster Prize (加油獎)** for **Social Enterprising** was introduced this year to give a “booster dose” in a cash prize to winning teams of students and graduates who had earlier been given support up to \$20,000 from the IIF or the internal Support Fund for 2020 Graduates for their entrepreneurial projects or start-ups. As an encouragement for their passion and efforts, the prize was presented to 4 teams who stood out of 20+ others in innovation and entrepreneurship for impact on humanity. Their work also reflects the SDGs in “Sustaining” or “Renewing”, as follows.



Solving water crises in underdeveloped countries by offering an affordable rainwater harvesting solution

⚙️ Sustaining precious resources



Building a mutual support community for families and children with Special Education Needs (SEN)

⚙️ Sustaining community support



Engaging retired skilled workers to provide household renovation, repair and pest control services for grassroots households and the elderly

⚙️ Renewing old masters’ skills



Enhancing the self-esteem of people of the older generation and enriching their retirement lives by passing their craftsmanship onto the younger generation

⚙️ Renewing talents and esteem of the elderly

2.3 Promoting Entrepreneurship

(a) Graduate Start-up Business Incubation Programme

Soon after the outbreak of the COVID-19 epidemic in Hong Kong last year, the President and the Vice-President of Lingnan University initiated the “**Support Fund for 2020 Graduates**” and donated 10% of their salary income in a year for it. By using this fund which also had donations from staff, alumni and friends, the Lingnan Entrepreneurship Initiative (LEI) launched the Graduate Start-up Business Incubation Programme which provides up to \$30,000 for eligible graduates to begin their own business, and has since then supported **26 start-ups** at a total of nearly \$1 million.

(b) Social and Humanitarian Innovation

In May-June 2021, LEI organised the 4-week **Joint Humanitarian Entrepreneurship Summer Academy 2021**. This year the projects focused on the UN **SDGs** and sought to evaluate and address challenges to sustainability like the economic and environmental situation in Uganda, and emerging social trends such as the “fast fashion”.

Students were introduced to design tools and learnt to create sustainable business models with training in Arduino, 3D-Printing and Rapid Prototyping. The student groups were connected with mentors, NGOs, and other organisations who have been working on respective projects, so as to learn from their experiences on what might be the strategies for developing impactful solutions.

(c) Training and Exposure

In the reporting year, LEI had organised **74 incubation campaigns and trainings for 1,400+ students**, engaging nearly 5,500 community members, faculty members and students to foster an ambience of innovation and entrepreneurship.

MIT D-Lab Participatory Design Workshop

In February and March 2021, LEI organised a participatory design workshop in collaboration with **Rutgers University - New Brunswick**. Lingnan and Rutgers students formed teams to develop innovative designs for challenges faced by teachers of hearing-impaired children.

Amazon Web Services Educate (AWS Educate) for Cloud Learning

LEI collaborated with AWS Educate to launch the **Lingnan Innovation and Entrepreneurship (I&E) Academy** that offers online workshops to help students build their cloud skills which can be extended to preparing for their career.

Hong Kong Techathon 2021

Organised by the **Hong Kong Science and Technology Park Corporation** in collaboration with 7 universities in Hong Kong including Lingnan in January 2021, this event was a 7-day challenge for participating students to work together for possible business solutions related to New Generation Technology, AI & Fintech, Smart City, or Social Impact & Health Tech. One of the 5 Lingnan student teams entered the final round of the competition with their proposal for resolving the issues of long queues in hospitals and clinics.



Re:Imagine NTW Weekend Market 「創·好·新界西」周末市集

To promote innovation and entrepreneurship in the New Territories West, LEI held this event in Tuen Mun in June 2021 with 19 booths run by Lingnan students and partners displaying their new products and services which had attracted 500+ community members to visit. More than 10 organisations had given their support, including the Tuen Mun District Council Yan Oi Tong Youth Space, Tung Wah Group of Hospitals Tuen Mun Integrated Services Centre, Hong Kong Affairs Development Foundation, Agent of Change and Crossroads Foundation.



2.4 Commercialising Research Outputs



Social enterprises and innovations had benefited from services of the “IP Clinic by ORKT” as the institutional profile and commitment to KT continued to grow since the research office was renamed as the Office of Research and Knowledge Transport (ORKT) in the last reporting year. In 2020/21, -

- ❖ ORKT facilitated, at the institutional level, the elevation of KT and the IIF to a formal requirement for academic departments in creating impact for the RAE;
- ❖ the IP Clinic had supported **5 patent filings** for 3 inventions and one trademark registration (as below), and provided intellectual property (IP) advisory service for a number of research and KT projects;
- ❖ ORKT’s professional service had also expanded into **contract review and drafting work** in supporting the University’s collaborations with the industry and community. Examples included the **1st licensing** deal of the University and the partnership agreement with Hong Kong Telecom, among a number of other contracts for research and consultancy.

Patents

A Mask (Transparent Anti-COVID-19 Mask)

HK Short-term Patent granted, China Utility Model Patent filed



Operating device of power-assisted wheelchair, power-assisted wheelchair and operating method thereof

HK Short-term Patent granted, China Utility Model Patent filed



Curtain Providing Apposition Compound Vision with Fluid Motion

HK Short-term Patent granted, China Invention Patent filed



Trademark



The logo of the LU Jockey Club Gerontechnology and Smart Ageing Project was successfully registered in Mainland China in March 2021 further to its registration in Hong Kong.

2.5 Publicity of Research & KT Achievements

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

Caring amidst Distancing

Caring for the local and international communities under the “Fighting COVID-19 @ Lingnan”



Lives around Us

Caring for our environment, present and future generations, and our wildlife friends



In this new series of 16 video clips launched in late 2020, Lingnan scholars share with the public (348,000+ viewings thus far) how their research and social projects

in economics, policy studies, education, history and environmental conservation may lead to immediate and long-term social and economic benefits.

3. Impact Cases

3.1 Case I: Humanitarian Innovations

Since 2018, the Lingnan Entrepreneurship Initiative (LEI) under the Office of Service Learning has been a hub for innovation, entrepreneurship and design thinking. It seeks to inspire students and staff to become game changers in a positive and productive way for the community as a whole. It is the first entrepreneurship platform in Hong Kong built to augment the transformative power of liberal arts education, promote **inclusive entrepreneurship** in Asia, and identify humanitarian challenges for **sustainable** development.

Partnering with Stanford University’s Innovation Fellows Program, LEI sends 3 to 4 students each year to the Hasso Plattner Institute of Design (d.school). The students return with their experience and learning under inventive grounding and guidance which they can transfer to their peers on campus.

In the reporting year, **3 inventions or designs** of LEI reached the stage of patent filing and/or licensing and spin-off.

Transparent Anti-COVID-19 Face Mask

promotes barrier-free communication for people with hearing loss

Identifying the need

Wearing a face mask is an additional communication barrier for people with hearing impairment as they cannot read lips or facial expressions behind a mask. Although there are transparent face masks in the market, most of them fail to meet protection standards, or the transparent surface area is not large enough to reduce communication challenges.



Working with community partner

Invited by **The Hong Kong Society for the Deaf**, the LEI as led by its Director Prof Albert KO has designed a transparent, reusable ASTM Level 3 face mask in an innovative humanitarian approach. It is based on the needs of hearing-impaired people with its fully transparent and anti-reflective design which makes lip-reading easier. A press conference on that was held in May 2021 which was widely reported in more than 60 reports and articles in the media, including the TVB news.



Reported by TVB news
Source: <https://news.tvb.com/local/609ccbfb34b031c36f7a06f4>

Recognition and Support

The design won the 1st runner up of the **HKIE Enginpreneurs Award 2021** organised by the Hong Kong Institute of Engineers (HKIE) under the theme “Building an Environmentally Sustainable Hong Kong”.



The high social value of the invention for the people in need gained strong donation support just in days after the press conference. Actual donations/funding received have already exceeded **\$1.5 million**.

Licensing and Spin-off

Patents have been filed for the design and the University has signed its first licence agreement for its first spin-off company to produce the mask for market as well as charitable use.

Autonomous UV-C disinfection robot **provides sanitisation for large indoor establishments**

Further to the development of a mobile UV-C system for disinfection service for subdivided flats (劏房戶) last year, LEI designed a smart autonomous UV-C disinfection robot to provide thorough and efficient UV disinfection for large indoor venues such as schools, residential care and rehabilitation homes, libraries and sports centres. It has a laser-based radar system (LiDAR) to conduct terrain mapping and obstacle detection for intelligent navigation in the disinfection process. Extensive media attention was received when it was publicised in March 2021.



Eco-responsible furniture-coffin **promotes green funerals**

To promote **sustainable** development and the use of eco-coffins, LEI took the lead in developing dual-use coffins as furniture. A bookshelf which can easily be converted into a coffin was designed. The materials used meet strict requirements in terms of environmental friendliness, strength and durability.



Sponsored by the University's **Support Fund for 2020 Graduates**, two students are engaged to work on this project in collaboration with Forget Thee Not, a social enterprise promoting green burial and funerals and end-of-life care.

3.2 Case II: Promoting Environmental Sustainability

Researchers at the University's Science Unit (SU) are exemplary practitioners of KT in reaching out to the community. They have been actively engaging community members and partners in the very attractive "Citizen Scientist" programme for the conservation of amphibians and reptiles, which population has fallen dramatically in recent decades, while some of the species are actually unique to Hong Kong.

Though being a "young" (since its inception) and small unit, Prof Jonathan FONG together with a few academics have secured **\$9.9 million** of funds from the RGC, Croucher Foundation and different conservation funds from Government Departments. By conducting KT as a built-in element from the point of research, they strive to foster a biodiversity-friendly city.

Unique specimen collection

The SU has recently established a publicly accessible **Natural History Collection** of specimens in their work for Conserving, Documenting and Discovering the local natural lives.

More than 500 individual specimens, representing 92% of the amphibian species and 36% of the reptile species in Hong Kong are documented in this database. The Collection, which contributes to goals of the **Hong Kong Biodiversity Strategy and Action Plan**,

covers species of high conservation or scientific research values, such as the Romer's tree frog which is found only in Hong Kong and considered endangered by the International Union for Conservation of Nature (IUCN).



The SU loans specimens from the Collection to local and international scientists and schools for research and teaching purposes. They also arrange public tours to bridge academia and the community, and to inspire more people to get involved in **conservation**.

Protecting declining waterbird species

Jointly with the **Hong Kong Bird Watching Society**, Professors Yik-Hei SUNG and Paulina WONG of the SU conducted a first-of-its-kind study on 42 waterbird species along the China coast in the Deep Bay area of Hong Kong, and quantified the 20-year wintering population trends to evaluate the impact of different threats along the East Asian-Australasian flyway. The research team found that larger species, such as Dalmatian Pelican and ducks, decreased more than small species over this period, which might be due to hunting. The discovery was recently published in the international journal *Frontiers in Ecology and Evolution*. Prof Sung was also sponsored by TRAFFIC International for a market value survey of endangered species.



For the important purpose of providing baseline information and recommendations for **conservation policies**, these researchers have adopted an integrated approach from molecular biology, to the whole organism, and to the implications to mankind, which distinguishes their work from conventional ecological studies, as a humanitarian perspective is woven in. Ultimately our scientists, as in a liberal arts university, seek to nurture students who will be able to apply the scientific knowledge to a broad range of industries and professions.

3.3 Case III: Degenerate or Regenerate - Gerontechnology & Smart Ageing

Building an age-friendly community is an important pursuit of the University by translating research into action to serve the wider community, particularly through the Asia-Pacific Institute of Ageing Studies (APIAS), our flagship centre in promoting smart ageing. Some \$51 million in donations and funds were received over the past 5 years for projects undertaken by the Institute, apart from a further \$7 million in 2020/21. The number of beneficiaries of APIAS' work in the reporting year alone had exceeded 10,600, of which 2,600+ senior citizens, teenagers and working adults had participated in e-courses on gerontechnology and socialpreneurship.

As the COVID-19 pandemic has put many activities on halt, there is the concern that aged people who are bound at home may suffer from deterioration of health at a faster pace due to insufficient mobility. However, with passion and action, APIAS kept working on new platforms of collaboration and adopting flexible means to connect stakeholders, so that the transformative power of KT could still be brought to the benefits of the elderly.

Transforming older people from being served to the ones who serve

Under the 3-year project “**LU Jockey Club Gerontechnology and Smart Ageing Project**”, 161 ambassadors (齡活大使) comprising the young and the old have been engaged thus far in **intergenerational** activities. The older ambassadors do not wait to be served, but take a **participatory role in community-based research projects** like those below, so that their voice may be heard by District Councils and service providers in the decision making process on what the elderly may actually need in transport, health services and other social aspects.



- Hong Kong Citizens' Awareness and Attitude towards Gerontechnology
- Senior Citizens' perceptions of the COVID-19 outbreak and telemedicine service

The whole initiative is to build up an Active Ageing Image, not only for the older ambassadors themselves, but also for how they are perceived by the community. Hence they do not have to experience degeneration only, but **regeneration** of the mind and contributions to society.

Gerontech Users x Tech Companies Focus Group Meeting

While gerontechnology aims to improve the quality of life of the elderly and their caregivers, NGOs are also the key users.

Together with the **Hong Kong Science & Technology Parks Corporation**, focus group meetings were held in February 2021 among three elderly service organisations and three technology companies to promote the development of user-centric technology.



STEM-design competition on smart ageing

As part of the “**Jockey Club Age-friendly City Project: Rural Neighbourhood Development Project**”, the competition was organised for secondary school students to develop gerontechnology products tailor-made for the elderly in rural districts. Apart from attending STEM preparation courses, a precious learning element for the students was for them to visit the old residents there and experience the difficulties they had in daily life, and thus promoting intergenerational understanding.

Gerontechnology Conference – Partnership Strategies for a Collaborative Society

LU strives to take the lead in encouraging gerontechnology and innovation as well as promoting ageing in place (居家安老). The 2,000-sq-ft **LU Jockey Club Gerotech-X Lab** on the Lingnan campus showcases latest gerontechnology products, and provides hands-on experience of how the products can benefit the aged and their carers.

To foster a more holistic discussion, the University organised a two-day conference in April 2021 for local and international experts and scholars to discuss key issues of ageing and gerontechnology. After all, a major pursuit of this and various initiatives is to translate findings and opinions from professionals and users into policy recommendations to the industry and the Government.



Preventing COVID-19 with Chinese Medicine

Sponsored by the **Chinese Medicine Development Fund** and carried out by the University's **Chinese Medicine Clinic**, the programme 中醫藥在長者中預防新型冠狀病毒之推廣 provides knowledge on the efficacy of Chinese medicine and helps the elderly to prevent infection and reduce the risk involved.



Recorded lectures were uploaded onto a dedicated YouTube channel, and seminars were held with a booklet《長者防治新型冠狀肺炎-中醫藥篇》which was provided for the elderly and their carers. Video discs were also distributed to service providers and organisations in Hong Kong.

4. Reaching Out to Business and the Public

4.1 Institute of Policy Studies

To drive the study of Asia's economic and social development, policy and governance from comparative and international perspectives, the Institute of Policy Studies (IPS) as led by Prof Ka Ho MOK, Vice-President and Lam Man Tsan Chair Professor of Comparative Policy, has been established since September 2020. Riding on its research strengths with local relevance and global resonance, IPS incorporates existing policy research centres of the University and links up with regional and global inter-university research platforms. In addition to cutting-edge research and KT activities, IPS aims to provide high-quality professional training in policy, development and governance studies. In partnership with the Smart City Consortium, the Institute has launched a Smart City Executive Training Course to promote smart governance.

4.2 Engaging Sector Partners

It has been the on-going efforts of Lingnan academics to engage the professional sectors for KT and raising professional standards.

Partnership with HKT

A Strategic Partnership Agreement was signed between Lingnan University and HK Telecom Limited to promote



gerontechnology in support of smart ageing and socialpreneurship development in Hong Kong. HKT will participate in the **Gerontech–X Lab** and **Social Enterprise Intelligence Hub** (SEI Hub) under the \$20 million “LU Jockey Club Gerontechnology and Smart Ageing Project” as led by Vice-President Prof Ka Ho MOK.

In the Gerontech–X Lab on LU campus, HKT will demonstrate innovative solutions for elderly care centres in health monitoring, accident prevention and rehabilitation. On the SEI Hub, a cloud-based resources platform, HKT will share knowledge for further research into gerontechnology and smart ageing, and provide consultancy services.

Promoting Smart City and Smart Governance

Prof Ka Ho MOK, Vice-President and Dean of School of Graduate Studies, was invited by the Hong Kong Public Key Infrastructure Forum Limited (HKPKIF) to give a talk at the conference “Evolution and Localization of Public Key Infrastructure and Digital Identity – Digital Trust Ecosystem” held in January 2021. Prof Mok shared unique insights and discussed how Lingnan planned to develop a Smart Campus by utilising smart technologies and AI-driven algorithms. To address the needs of the job market for professionals in smart city and governance, the University will offer new professional courses in FinTech, Blockchain, Decentralized-ID (DID) / Self-Sovereignty-ID (SSI), Legal Entity Identifier (LEI) and Smart City executive training.

4.3 Social Findings Revealed in Pandemic

In apt response to challenges brought by the pandemic to all walks of life in Hong Kong and beyond, faculty members of the **School of Graduate Studies (GS)** and **Business Faculty** had conducted research on topics including those below to identify key societal issues and provide **recommendations for policy-makers** and the general public. Press conferences were held to release the findings which were widely reported by the media.

- [Understanding Hong Kong and Mainland university students’ intentions to study overseas after the COVID-19 crisis](#)
- [Understanding Hong Kong working adults’ aspiration for taking up residence in the Greater Bay Area cities](#)
- [When There is a Will There is a Way: The Role of Proactive Personality in Combating COVID-19](#)
- [Student interns and employers prefer face-to-face interaction to work-from-home internships](#)
- [Hong Kong Electronic Consumer Vouchers: A Study on Consumers’ Intention to Receive and Use Consumer Vouchers](#)

4.4 In the Local and International Lime Light

Dissemination of research findings through sharing of expert knowledge by our academics in media interviews and news articles are effective ways to increase the visibility and accessibility of university 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 more than **2,700 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**, Vice-President, were widely covered by local and international media and analyses such as the **University World News, The New York Times, Times Higher Education, The PIE News, South China Morning Post, RTHK, Commercial Radio, Sing Tao Daily, Headline Daily, HK01, Sina, and Hong Kong Commercial Daily**. In 2020/21, Prof Mok had made active contributions to or being quoted in **76 media articles**.

On topics of Social Issues and Political Development

Commentaries given by academics of the **Political Science Department** also received wide attention. A number of opinion surveys were conducted in 2020/21 by the University's **Public Governance Programme** led by **Prof LI Pang-kwong**. He was invited to the TV programme 時事全方位 hosted by **now News** and radio programme 政壇新秀訓練班 hosted by **RTHK**. Also, **Prof ZHANG Baohui** has been a much sought after commentator on issues of international relations. His comments appeared in **90** media articles in 2020/21 on platforms including the **BBC News, Bloomberg, US News, The Street, Taipei Times, The Japan Times, and South China Morning Post**.

5. Way Forward

It has been another year that the world was under the COVID-19 pandemic and when love and care for each other was needed as much as technological advances to take us through the hardship. We at Lingnan remain steadfast in our commitment to “Impact with CARE”, while we continue to pursue excellence in research and KT, and receive funding and community support for that, despite the unprecedented challenges and changing needs of society, as elaborated in the above.

A silver lining of the difficulties, however, is the deeper experience we have which resonates with the UN SDGs, and a firmer vision for our research and KT work in taking an integrated approach to achieve the goals. As is indicated on the UN Development Program website, “the SDGs are integrated ... development must balance social, economic and environmental sustainability.” Our endeavours are like the examples presented for our Science Unit in this report - that our researchers not only conduct studies in conventional ecology, but also for the ultimate purpose of conservation and our humanitarian concern for wildlife trade. That is an integrated approach from molecular biology, to the whole organism and ultimately the mankind.

For the transparent face mask developed by Lingnan, we were touched by the care and financial support from donors that quickly poured in after our announcement of it. We observed that supporters would like to see solutions, not just new knowledge from researchers, for community groups to overcome problems in their daily lives. Apparently it is not only high-tech inventions that may attract funding, but also humanitarian innovations that reach out to the wider society with positive impact.

Many high-tech products are expensive and can be enjoyed by high-income people only. There is the gap to fill for creations out of university that are geared towards people in need and less privileged, who actually account for a large portion of the population. This is in line with a quote from the UNDP that “the creativity, knowhow, technology and financial resources from all of society is necessary to achieve the SDGs in every context”.

While we are glad to have already exceeded our target of doubling the number of patent / trademark filings in our 2019-2022 Triennium Plan for KT, we also have the roadmap brewing for the University to work towards the SDGs in various aspects for research, KT and impact. We remain true to our liberal arts tradition, as in all we do, that we seek to nurture students to be like what a researcher of our Science Unit says “Take the example of administrative officers in the government, if they have the right mindset about the environment, they can contribute more than an ecologist like me in terms of promoting the right policies”.

July 2021



Key Performance Indicators
(Data 1 July 2020 – 30 June 2021)

Key Performance Indicators			Last Year 2019/20	This Year 2020/21
1a.	Number of patents filed in the year		---	5
1b.	Number of patents granted in the year		---	3
1c.	Number of trademarks registered in the year		1	1
2.	Number of on-going contract researches and income thereby generated	Number of projects	20	22
		Cumulative income from projects	\$25,385,900	\$14,787,155
		Total contract value	\$29,800,658	\$19,663,538
3.	Number of on-going social projects and income thereby generated	Number of projects	15	22
		Cumulative income from projects	\$43,792,389	\$56,665,566
		Total contract value	\$107,049,759	\$117,163,139
4.	Number of professional projects including consultancies, and income thereby generated	Number of projects	26	28
		Cumulative income from projects	\$10,016,225	\$12,109,759
		Total contract value	\$15,818,172	\$15,720,757
5.	Income from consultancies other than item (4) above		\$402,200	\$186,031
6.	Income received from Continuing Professional Development (CPD) courses		\$39,469,167	\$51,078,860
	Total Income for Items (2)+(3)+(4)+(5)+(6)		\$119,065,881	\$134,827,371
	Total Contract Value for Items (2)+(3)+(4)		\$152,668,589	\$152,547,434

↑29%

↑13%

		Last Year	This Year
Key Performance Indicators		2019/20	2020/21
7.	Number of public lectures delivered in the year	58	109
8.	Number of performances arts (music, dance, drama, etc.) delivered in the year	7	7
9.	Number of exhibitions conducted in the year	5 (3 on campus, 2 off campus)	8 (5 on campus, 3 off campus)
10.	Number of other KT activities conducted in the year	230 including: - KT projects/ activities, and professional training by Faculty members: 45 - KT activities in Entrepreneurship and Innovation: 100 - KT activities in Service Learning: 85	292 including: - KT projects/ activities, and professional training by Faculty members: 103 - KT activities in Entrepreneurship and Innovation: 94 - KT activities in Service Learning: 95
	Total Number of Social, Community and Cultural Engagement in Items (7)+(8)+(9)+(10)	300	416
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	14	21
12.	Number of staff engaged as members of external advisory bodies including professional, industry, government, statutory or non-statutory bodies	35 staff members (taking up 75 roles on advisory bodies)	29 staff members (taking up 78 roles on advisory bodies)
13.	Number of publicity or media exposure related to KT, including print, on-line and electronic media	1,345	2,705
14.	Number of download count of thesis, books and journal papers from “Lingnan Repository” by the public	85,850	127,955
15.	Total number of beneficiaries from KT projects / activities	43,120	46,250



Newly funded in 2020/21

Entrepreneurship Programme (for Faculty and Students)

- 1) Craft with Heart
- 2) Comma
- 3) KOElderly

KT Programme

I. Building a Caring and Understanding Society

- 4) Improving decision-making competence and social risk management skills of older adults in Hong Kong
- 5) Plastic Circularity: Learning Sustainable Development Goals (SDGs) in STEM for a better future

II. Revitalising Heritage, Arts and Culture Outreach

- 6) Using translation to promote cross-linguistic and cross-cultural awareness in the community

III. Business and Economy, Raising Professional Standards

- 7) Transfer pricing knowledge and research for accounting professionals
- 8) New dynamic and user behaviour based community detection algorithm to use in social network app
- 9) How AIoT technologies reinvent our daily environment
- 10) Enhancing the impact of data science research – Phase 1
- 11) Digital Consumption Voucher Scheme and adoption of electronic payment service in Hong Kong
- 12) Enhancing organisational competitive advantage on human capital through leadership
- 13) Promoting the Hong Kong-Mainland Economic Integration Index for policy analysis and discourse

In progress in 2020/21

KT Programme

I. Revitalising Heritage, Arts and Culture Outreach

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

II. Building a Caring and Understanding Society

- 2) Contextualizing discourses of sexual violence: Perpetrator's perspectives
- 3) A robot companion for the elderly in Hong Kong

III. Business and Economy, Raising Professional Standards

- 4) Improving a personalised vocabulary learning system with artificial intelligence techniques
- 5) Expanding Hong Kong people's space: Promoting cross-border employment and entrepreneurship in the Greater Bay Area

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) The long-term care needs of older people in Hong Kong rural area: The case of Yuen Long
- 4) 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

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

III. Business and Economy, Raising Professional Standards

- 6) Transgelism: Promoting the concept and good practices of Chinese-English translation in Chinese-speaking communities



Innovation & Impact Fund Projects newly funded in this reporting year

Entrepreneurship Programme (for Faculty and Students)

1. Craft with Heart



- To upcycle and make furniture out of wooden pallets disposed on the street and distribute the furniture to the needy to promote Green, Service and Connection

Target beneficiaries: General public and low-income families

Student Team Leader: Sam LO, Department of Chinese

2. Comma



- To support ethnic minorities in Hong Kong by developing a Cantonese learning platform and creating a sustainable learning community for them

Target beneficiaries: Ethnic minorities

Student Team Leader: Vivian LEUNG, Department of Marketing and International Business

3. KOElderly



- To encourage social engagement of less-engaged elderly in the community and to reduce the intergenerational digital divide between youth and elderly by nurturing elderly KOL

Target beneficiaries: Elderly

Student Team Leader: Gloria NG, Department of Chinese

KT Programme

I. Building a Caring and Understanding Society

4. Improving decision-making competence and social risk management skills of older adults in Hong Kong



- To improve older adults' decision-making competence and social risk management skills by providing effective training programmes

Target beneficiaries: Older adults, people with Alzheimer's disease or other forms of dementia

Project Leader: Prof HUANG Yi, Department of Applied Psychology, Faculty of Social Sciences

5. Plastic Circularity: Learning Sustainable Development Goals (SDGs) in STEM for a better future



- To raise the young generation's awareness of the selected Sustainable Development Goals by developing a mailable STEM educational kit to complement the online learning
- To enhance the young generation and their families on practical ways in achieving a healthy and sustainable lifestyle through online and offline engagement

Target beneficiaries: Primary and junior secondary school students

Project Leader: Prof Paulina WONG, Science Unit

II. Revitalising Heritage, Arts and Culture Outreach

6. Using translation to promote cross-linguistic and cross-cultural awareness in the community



- To promote cross-linguistic and cross-cultural awareness in the community and enrich people's knowledge of translation

Target beneficiaries: Secondary school students, ethnic minorities, and community interpreters/translators for ethnic minorities

Project Leader: Prof Rachel LUNG, Department of Translation, Faculty of Arts

III. Business and Economy, Raising Professional Standards

7. Transfer pricing knowledge and research for accounting professionals



- To enhance the industry's understanding of the importance of transfer pricing issues and enrich accounting professionals and business practitioners' knowledge of transfer pricing rules and compliance

Target beneficiaries: Accountants and business practitioners

Project Leader: Prof Agnes LO, Department of Accountancy, Faculty of Business

8. New dynamic and user behaviour based community detection algorithm to use in social network app



- To help marketing companies and social network app developers identify their target communities more accurately by proposing a new temporal community detection algorithm

Target beneficiaries: Marketing industries and social network app developers

Project Leader: Prof Amin MAHMOUDI, Department of Computing and Decision Sciences, Faculty of Business

9. How AIoT technologies reinvent our daily environment

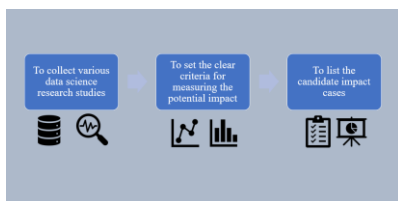


- To promote and stimulate the awareness, understanding and potential applications of AI and AIoT technologies
- To assist companies in developing ideas for their own AI/AIoT applications

Target beneficiaries: Hong Kong enterprises of different sectors

Project Leader: Prof Eric SEE-TO, Department of Computing and Decision Sciences, Faculty of Business

10. Enhancing the impact of data science research – Phase 1



- To facilitate the understanding of potential social impact from data science research

Target beneficiaries: Professionals and scientists in the field

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

11. Digital Consumption Voucher Scheme and adoption of electronic payment service in Hong Kong



- To stimulate the discussion of the implementation and effect of the digital Consumption Voucher Scheme
- To examine the impact of the scheme on the society and provide recommendations to policy-makers and businesses

Target beneficiaries: Policy-makers, electronic payment providers, small and medium sized retail merchants, and the general public

Project Leader: Prof LIANG Liping, Hong Kong Institute of Business Studies, Faculty of Business

12. Enhancing organisational competitive advantage on human capital through leadership



- To enhance the understanding of factors contributing to a good leader in the manufacturing sector to help the company in staff recruitment, training and career development
- To help improve unit performance by equipping front-line supervisors with strong leadership skills

Target beneficiaries: Companies in manufacturing industry

Project Leader: Prof CHEN Tingting, Department of Management, Faculty of Business

13. Promoting the Hong Kong-Mainland Economic Integration Index for policy analysis and discourse




- To promote the application of the Hong Kong-Mainland Economic Integration Index as a tool of policy analysis to researchers, analysts and public policy-makers


Target beneficiaries: Industrial analysts, policy analysts and business practitioners

Project Leader: Prof CUI Geng, Department of Marketing and International Business, Faculty of Business

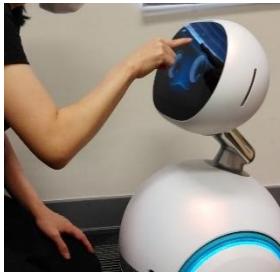
I. Revitalising Heritage, Arts and Culture Outreach

Project Title Project Leader	Performance Indicators			
	Beneficiary Types (Number)	Quantitative Indicators	Qualitative Indicators	No. of External Partners
1 Celebrating stories of ethnic minority women in garment making in Hong Kong Prof Lisa LEUNG, Department of Cultural Studies, Faculty of Arts 	South Asian and refugee communities, and the general public	<ul style="list-style-type: none"> 7 interviews with ethnic minorities representing different races and their involvement in various domains of garment industry were conducted 2 interviewees were selected and invited for the production house to film their stories 	To be developed	3

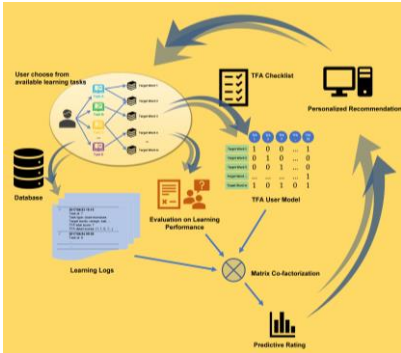
II. Building a Caring and Understanding Society

Project Title Project Leader	Performance Indicators			
	Beneficiary Types (Number)	Quantitative Indicators	Qualitative Indicators	No. of External Partners
2 Contextualizing discourses of sexual violence: Perpetrator's perspectives Prof Annie CHAN, Department of Sociology and Social Policy, Faculty of Social Sciences 	<ul style="list-style-type: none"> NGOs, social workers, psychologists, counsellors, teachers, students and the general public <p>Total: 148</p>	<ul style="list-style-type: none"> 35 in-depth interviews with service users of STPPASV were conducted An online public forum was conducted for social workers, teachers and professionals concerning sexual violence with 100 participants A press conference was held with over 5,000 online views https://fb.watch/4tfPFE3hoR/ and was reported by 5 media A two-day workshop for professionals was conducted 	<ul style="list-style-type: none"> STPPASV and ACSVAW have unprecedented collaborations because of the project Initiated the ground-breaking dialogue between victims and perpetrators Comments from Facebook live viewers were positive 	2


II. Building a Caring and Understanding Society



Project Title Project Leader	Performance Indicators			
	Beneficiary Types (Number)	Quantitative Indicators	Qualitative Indicators	No. of External Partners
3 A robot companion for the elderly in Hong Kong Prof Wendy HUI, Department of Computing and Decision Sciences, Faculty of Business 	Elderly and caregivers	♦ A low fidelity prototype and a set of python code have been created and developed for human-robot interaction	To be developed	The project is solely conducted by the project team

III. Business and Economy, Raising Professional Standards


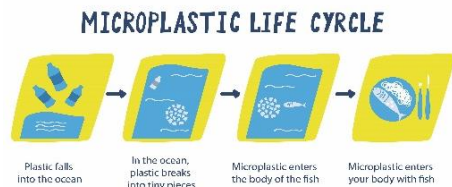
Project Title Project Leader	Performance Indicators			
	Beneficiary Types (Number)	Quantitative Indicators	Qualitative Indicators	No. of External Partners
4 Improving a personalised vocabulary learning system with artificial intelligence techniques Prof XIE Haoran, Department of Computing and Decision Sciences, Faculty of Business 	Secondary school and university students	♦ The AI-based model was developed with at least 2 innovation points	To be developed	The project is solely conducted by the project team

III. Business and Economy, Raising Professional Standards

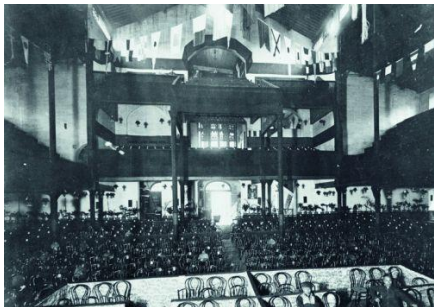
Project Title Project Leader		Performance Indicators		
		Beneficiary Types (Number)	Quantitative Indicators	Qualitative Indicators
5	Expanding Hong Kong people's space: Promoting cross-border employment and entrepreneurship in the Greater Bay Area Prof HUANG Genghua, School of Graduate Studies 	◆ The elderly, youth and the general public Total: 445	◆ 4 workshops were organised to share employment and entrepreneurial information in the GBA with the youth ◆ 4 public seminars were organised to share information on lifestyle and nursing home in the GBA with the elderly ◆ More than 80% of participants were satisfied with the workshops and the public seminars ◆ 223 sets of the booklet 粵港澳大灣區跨境青年創業手冊 were distributed to the youth ◆ 329 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) was established to share the GBA information	◆ Positive feedback was received from the online platform users and participants of workshops and seminars ◆ 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
				4

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, Institute of Policy Studies 	◆ Local stakeholders working on the issues of well-being of children and young people Total: 29	◆ 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 held and the research findings were widely reported by the media in over 160 media articles	◆ 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
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 Total: 150	◆ 3 meetings were conducted with the target group of beneficiaries ◆ 103 survey responses were received ◆ 2 focus group interviews with 16 participants were conducted A final report " <i>Building Inclusive Workspaces for Lesbians and Bisexual Women in Hong Kong's financial Services Industry</i> " was published	◆ Increased public awareness and understanding of issues facing lesbians and bisexual women in the financial industry ◆ Promoted support for the target group of beneficiaries of the project ◆ Informed the planning decisions of human resources departments in financial services	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
3 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 (3) ◆ Elderly (73) Total: 76	◆ 44 in-depth interviews with older people were conducted ◆ 29 older people attended the research findings dissemination meeting	◆ A preliminary research report about the needs of ageing in place in Kam Tin was produced and disseminated to the community ◆ Introduced the older people with available social services and their application criteria and procedures ◆ Enhanced the welfare knowledge of older people	3
4 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 Prof Paulina WONG, Science Unit 	◆ Secondary school students (152) ◆ Secondary school teachers (13) ◆ Sustainability professionals (120) Total: 285	◆ An official website and online education platform "Plastic Circularity" (https://www.plastic-circularity.org/) was launched for public ◆ Online/office workshops and seminars were held for 8 secondary schools under school network of Tung Wah Groups of Hospital and an international school ◆ The online education platform was integrated into A Plastic Ocean's corporate events for 4 corporate partners as sustainability awareness training	◆ Around 80% of students agreed that the online education platform Plastic Circularity is interesting and easy to use; also education materials are up-to-date and capable of enhancing students' understanding toward plastic pollution ◆ According to sustainability officers from L'Occitane, the website enhanced their staff's understanding on plastic pollution and possible ways to reduce plastic footprint	2

II. Revitalising Heritage, Arts and Culture Outreach

Project Title Project Leader		Performance Indicators		
		Beneficiary Types (Number)	Quantitative Indicators	Qualitative Indicators No. of External Partners
5	Exploring and trekking Hong Kong historic cinema districts: Past and present Prof Emilie YEH, Centre for Film and Creative Industries, Faculty of Arts 	◆ General public Total: 138	◆ A website for showcasing the project (https://www.ln.edu.hk/cfci/ktprojec/) was launched, with sample research findings and publications, videos and tour details ◆ A guided walking tour was organised ◆ A 30-min video acting as a virtual tour was produced ◆ A database of over 50,000 entries providing an index to film-related materials in early Chinese newspapers from Hong Kong, Guangzhou, Hangzhou and Tianjin was open to the public ◆ A webinar was successfully organised with 134 attendees ◆ 95% of respondents rated the webinar as highly satisfied or satisfied	◆ Stimulated public's interest in Hong Kong screen culture from past to present and cultural heritage of Hong Kong ◆ Allowed more people to explore the colonial history of Hong Kong film and Hong Kong cinema ◆ Increased participants' knowledge of early Hong Kong film exhibition history ◆ Positive comments from webinar participants were received 2

III. Business and Economy, Raising Professional Standards

Project Title		Performance Indicators		
Project Leader		Beneficiary Types (Number)	Quantitative 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: 169	◆ 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 ◆ A website with presentation materials to share with the general public has been developed ◆ An online workshop on translation was co-organised with the Wenzao Ursuline University of Languages, Taiwan with 69 participants	◆ 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 2



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.	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
2.	Migration, Mobility and Labour	Policy-makers	1
3.	9 Public Opinion Survey Projects	Professionals, general public, policy-makers	4
4.	Relationship between Poverty and Neurocognitive Skills (PPR project)	Professionals, policy-makers	---
5.	Housing as an Intergenerational Project-parent Resources, Parental Strategies and the Housing Opportunities of Young People in Hong Kong (PPR project)	Professionals, policy-makers	---
6.	Privacy Challenges and Big Data in Smart City (PPR project)	Professionals, policy-makers	---
7.	The Greater Bay Area and Career Opportunity for Hong Kong Youth: Integrating Big Data Analysis and Survey Experiments (PPR project)	Professionals, policy-makers	---
8.	From Bonding to Bridging: Building Social Cohesion between Mainland Talents and Hong Kong Professionals (PPR project)	Professionals, policy-makers	---
9.	Ripple Effects of Social Movements: Initial Biographical Consequences of Hong Kong's Anti-Extradition Law Amendment Bill Movement (PPR project)	Professionals, policy-makers	---
10.	Loss of Innocence: Participation of Secondary School Students in Hong Kong's Anti-Extradition Law (PPR project)	Professionals, policy-makers	---
11.	Cooling Measures in Hong Kong and its Residential Property Market (PPR project)	Professionals, policy-makers	---
12.	Can Hong Kong's Current Competition Policy Meet the Challenge of increasing Economic Integration with the Greater Bay Area? (PPR project)	Professionals, policy-makers	---

II. Revitalising Heritage, Arts and Culture Outreach

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

	Project Name	Target Group(s) of Beneficiaries	No. of External Partners
6.	Conservation genomics of the critically endangered golden coin turtle (<i>Cuora trifasciata</i>) and application to ex-situ breeding and wildlife DNA forensics	Scientists, general public	1
7.	A data-driven approach to strengthening trade enforcement of turtles	Professionals in conservation of turtles, general public	1
8.	Detection of European Eel (<i>Anguilla anguilla</i>) from Water Samples by DNA Metabarcoding Method	Scientists, general public	1
9.	Research on Lands in the New Territories	Heritage professionals, general public	1
10.	Market value survey of endangered species	Professionals in conservation of turtles, general public	1
11.	Revitalisation 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
12.	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
13.	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
14.	The Hong Kong Jockey Club "ICH+" Heritage of Pride: Intangible Cultural Heritage Education	Secondary and tertiary school students and teachers	2
15.	Research and Publication on the Items of the "Representative List of the ICH of Hong Kong" under Partnership Projects 2019	Heritage professionals, general public	1
16.	Research and Publication on the Items of the "Representative List of the ICH of Hong Kong" under Partnership Projects 2020	Heritage professionals, general public	1
17.	Saath-Saath Music across the Waters	Music lovers, general public	1
18.	History of the Court of Final Appeal at No. 8 Jackson Road	Heritage professionals, general public	3
19.	A study on "The Making of Hong Kong" – Historical Development of the Construction Industry and its Technological Advancement	Heritage professionals, general public	1
20.	Tung Wah Group of Hospitals 150th Anniversary Book	Tung Wah Group of Hospitals, general public	1
21.	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
22.	Research and Writing of the Commemorative Publication for the 60th Anniversary of Lions Clubs International District 303 - Hong Kong & Macao, China	Lions Clubs International District 303, general public	1
23.	Research on the History of Chinachem Group	Heritage professionals, general public	1
24.	Lingnan University Chinese Cultural Project	Primary, secondary, tertiary teachers and students, professionals, general public	2
25.	Reviewing the Volume of "Overview and Memorabilia" of Hong Kong Chronicles	Heritage professionals, general public	1
26.	Research on Hakka Cuisine - Gau Dai Gwai (Nine Big Dishes) in Hong Kong	Heritage professionals, general public	1

III. Business & Economy, Raising Professional Standards

	Project Name	Target Group(s) of Beneficiaries	No. of External Partners
1.	Data driven causal inference	Scientists, professionals in the field	---
2.	Smart Toilet: An AIoT Based Predictive Maintenance Solution	Professionals in smart technology, general public	1
3.	Digitalised Working Class Culture in Smart City	General public	---
4.	Organisation of Study Tour to Tianjin	Secondary school teachers of Chinese History and History	1
5.	Provision of Professional Development Programmes on Literature in English Learning and Teaching	Secondary school teachers of English Literature	1
6.	Organisation of Study Tours to Suzhou and Chongqing	Secondary school teachers of Chinese History and History	1
7.	Teaching Resource Book for Chinese History Teachers	Secondary school teachers of Chinese History	1
8.	Organising Field Study Tours for Teachers to 5 cities of the Greater Bay Area	Chinese History teachers	1
9.	粵港智慧金財稅聯合創新中心合作項目	Professionals	1
10.	Professional Ethics Workshop for accountants	Professional accountants	1
11.	Leadership development of store manager and store talent management	Store managers and staff	1
12.	Leadership Acceleration Programme	Youth and the elderly	2
13.	Enhancing Self/Classroom- Management and Counselling Skills: Train-the- trainer Programme for School Teachers	Primary and secondary school teachers	1
14.	Teacher Training Programme on Emotion Health, Stress Management, and Basic Counselling Skills	Primary and secondary school teachers	---
15.	Wofoo Joseph Lee Laboratory and Expert Training Project	Education practitioners, social workers and parents	1
16.	United Board Fellows Program Impact Study: A Comprehensive Evaluation	United Board for Christian Higher Education in Asia, professionals in the higher education sector	1

IV. China and Beyond

	Project Name	Target Group(s) of Beneficiaries	No. of External Partners
1.	Ageing in Place in Jiangmen	General public, policy-makers	---
2.	Gerontechnology Project in Jiangmen	General public, policy-makers	---
3.	Lingnan Student Voluntary Tutoring Scheme: Online Tutoring for Rural Students in China	Students in rural China	2

V. Building a Caring and Understanding Society

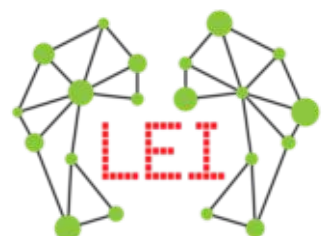
	Project Name	Target Group(s) of Beneficiaries	No. of External Partners
1.	The Voices of Ethnic Minority Children on Their Lives and Well-Being in Hong Kong	Children with ethnic minority background and South Asian community in Hong Kong, school teachers, frontline practitioners and NGOs, general public	1

	Project Name	Target Group(s) of Beneficiaries	No. of External Partners
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
4.	STEM workshop 創新點子救海洋	Children	1
5.	Jockey Club Age-Friendly City Project Baseline Assessments and Training and Professional Support	Elderly, NGO staff and agencies, general public	21
6.	The Hong Kong Jockey Club Intergenerational Communication and Health Promotion Programme	Youth, elderly, general public	28
7.	LU Jockey Club Health and Financial Education Programme for Elderly	Elderly, general public	1
8.	Jockey Club Age-friendly City Project (Second Phase) Baseline Assessments, Training, District Engagement and Professional Support	Elderly, general public	20
9.	LU Jockey Club Gerontechnology and Smart Ageing Project	Elderly, general public, social enterprises, NGOs, welfare units	43
10.	Ageing in Place: Students' Participation and Research Project	Elderly, general public, social enterprises, NGOs, welfare units	1
11.	Care for Carers: Intergenerational Services and Research Project	Elderly, general public, social enterprises, NGOs, welfare units	1
12.	Human-robot interaction design	Gifted students	1
13.	To learn AI-based real problems solving skills in a playful environment for gifted students	Teachers, gifted students	1
14.	Urban Ecology x GIS: Talent Education Programmes for Gifted Students	Teachers, gifted students	1
15.	Business Genius in Silver Age	Elderly, general public	1
16.	Happy Ageing with Chinese Medicine Project	Elderly, general public	6
17.	Consultancy and Research Project on Raising Healthy Children with Good Character - Character Building via Health Psychology	Primary school students	1
18.	Automated UVC-Robot Project	General public	---
19.	Research Project of Transparent Masks	People with hearing loss, general public	1
20.	中醫藥在長者中預防新型冠狀病毒之推廣計劃	Elderly, general public	1



Annex 5

Lingnan Entrepreneurship Initiative Highlights and Service Learning Projects 2020/21



Lingnan Entrepreneurship Initiative (LEI)

Performance Indicators

(excluding those reported under SLRS)

2020/21

No. of community participants

5,525

No. of student participants

1,409

No. of events and campaigns

60

No. of service hours

3,339.5



The team provides household renovation, repair, and pest control services to grassroots households and elderly to improve their quality of life and wellbeing. Retired talents are hired to transfer their knowledge to the younger generation.

To promote social innovation and entrepreneurship in the New Territories West, a weekend market was held at Gold Coast in Tuen Mun for LU students to showcase their new products and services and mingle with the public. It attracted over 500 participants from the public.



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

Service-Learning and Research Scheme (SLRS)

Performance Indicators	2020/21
No. of beneficiaries	6,821
No. of student participants	862
No. of LU academic engaged	35
No. of courses with S-L elements	35
No. of service hours	32,111

Trailbrazer Programme (TBP)

Performance Indicators	2020/21
No. of beneficiaries	84
No. of student participants	12
No. of programmes	2
No. of service hours	1,107

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

No. of beneficiaries by group

Beneficiaries groups	No. of beneficiaries
Children	350
Youth	245
Elderly	815
Ethnic minorities	400
Poverty	114
Start-ups	110
Agencies and their members	705
The public	4,166

Total: 6,905



Partners of the community/industry engaged

1. AIESEC
2. Anti480
3. AomoriHeya
4. Art in Hospital
5. Artspiration
6. Association of Rights of Industrial Accident Victims
7. AWS Educate
8. Baptist Oi Kwan Social Service
9. Cancer Information Centre
10. Caritas Hong Kong
11. Caritas Mok Cheung Sui Kun Community Centre
12. Caritas Pokfulam Community Development Project
13. Catalyst Venture, Cloudbreakr
14. Christian & Missionary Alliance Tuen Mun Church Family Service Hing Yiu Service Centre
15. Christian Action SHINE Centre
16. Collaction
17. Dream Impact
18. Evangelical Lutheran Church Social Service Hong Kong
19. Fai Kit Organic Farm
20. Festyle
21. Food Common Foundations
22. Forget Thee Not
23. Furry Green
24. Gatherly
25. Global Livingston Institute
26. Goodseed
27. Hong Kong Sheng Kung Hui Tuen Mun Integrated Services Jockey Club Youth Express
28. Health in Action
29. Hong Kong Taoist Association Ching Chung Secondary School
30. HobbyHK
31. Hong Kong Academy of Gifted Education
32. Hong Kong Federation of Women's Centres
33. Hong Kong Historical Research Foundation Limited
34. Hong Kong Institution of Engineers
35. Hong Kong Science and Technology Parks Corporation
36. Hong Kong Seeing Eye Dog Services

Partners of the community/industry engaged

37. International Christian University
38. International Music Therapy Centre
39. International Social Service
40. Jane Goodall
41. Jockey Club Sunshine Complex
42. Ju Ching Chu Secondary School (Tuen Mun)
43. Lady MacLehose Center
44. Mission for Migrant Workers
45. MIT D-lab, Rutgers University
46. OnBoard
47. People Service Centre
48. Pok Oi Hospital Mrs Lee Ho Siu Fong Memorial Children and Families Development Centre
49. Rooftop Republic
50. Rookie Fund
51. Sheng Kong Hui St. Simon's Lui Ming Choi Secondary School
52. South China Morning Post
53. Spruson & Ferguson
54. St. Teresa Secondary School
55. St. James' Settlement
56. StartmeupHK
57. The Hong Kong Society for the Deaf
58. The University of Montpellier
59. Tin Library
60. Translate for Her (TheM)
61. Tuen Mun Healthy City
62. University of Stavanger, Norway
63. Urban Peacemaker Evangelistic Fellowship Ltd.
64. V-activis
65. VolTra
66. Waste Picker Platform
67. Wofoo SDG Hub
68. Wofoo Social Enterprise
69. Wong Shiu Chi Secondary School
70. World Wide Fund for Nature HK
71. Yan Oi Tong Community Centre
72. Yan Oi Tong Woo Chung District Elderly Community Centre
73. Yan Oi Tong Youth Space