

Women's Commission

Gerontechnology Platform

This paper briefs Members on the Gerontechnology Platform funded by the Social Innovation and Entrepreneurship Development Fund (SIE Fund).

2. The Chief Executive announced in the 2020 Policy Address Supplement to “Design, develop and operate an inclusive ‘Gerontechnology Platform’ under the Social Innovation and Entrepreneurship Development Fund to link up different stakeholders on the supply and demand sides and enhance synergy by way of engagement, cross-sector partnership and collaboration.” The Gerontechnology Platform comprises four basic functionalities, namely (1) a knowledge hub; (2) network and capacity building; (3) consultancy, localisation and testing support; and (4) impact assessment.

3. In 2020, the SIE Fund has appointed a collaborative coalition of ten organisations led by The Hong Kong Council of Social Service¹ to design, develop and operate an inclusive one-stop Gerontechnology Platform, with the aim of fostering the development and application of gerontechnology to enhance the well-being, quality of life, independence and self-reliance of the elderly as well as provide support to their families, caregivers, healthcare staff and institutions, particularly under the “new normal”. The project has commenced in January 2021 and will last for three years.

4. A brief introduction on the SIE Fund and the latest development of the project are set out in the Power-point presentation materials at **Annex**.

¹ The other nine organisations are (1) Global Centre for Modern Ageing Limited; (2) Haven of Hope Christian Service; (3) Hong Kong Productivity Council; (4) Hong Kong Science and Technology Parks Corporation; (5) Jockey Club Rehabilitation Engineering Centre, The Hong Kong Polytechnic University; (6) Logistics and Supply Chain MultiTech R&D Centre Limited; (7) Marsh (Hong Kong) Limited; (8) Our Hong Kong Foundation Limited; and (9) School of Nursing, The University of Hong Kong.

5. Members are invited to note the content of this paper.

Efficiency Office
December 2021

Social Innovation and Entrepreneurship Development Fund

**Women's Commission
16 December 2021**

Social Innovation and Entrepreneurship Development Fund

A Trust Fund set up by the Government under the Commission on Poverty in 2013 to **tackle poverty** and **social exclusion**, and foster **well-being** and **cohesion of the society** through **social innovation and entrepreneurship**



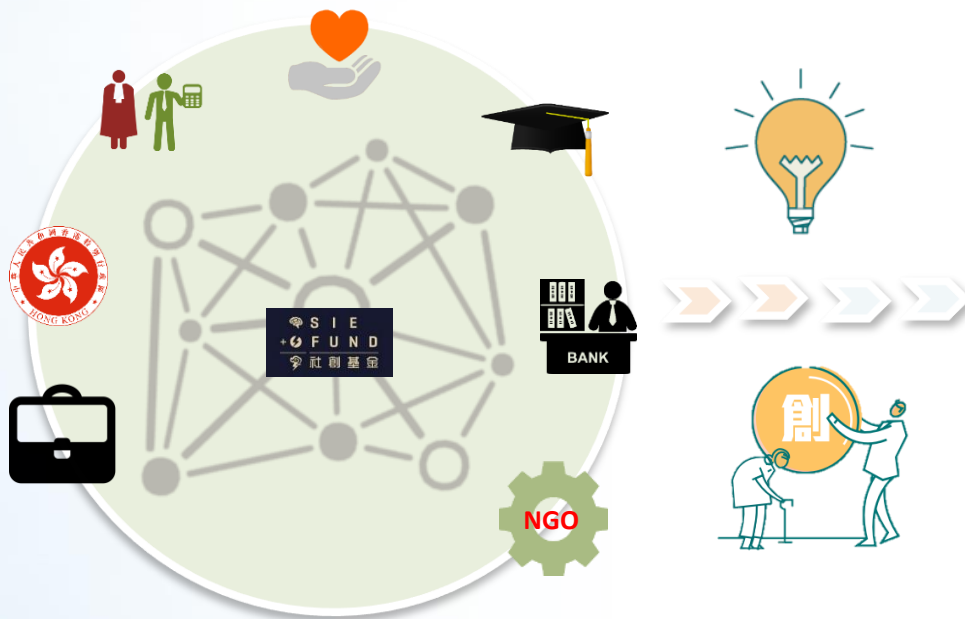
Total provision: \$1 billion
(\$500 million in 2013 +
\$500 million in 2021)



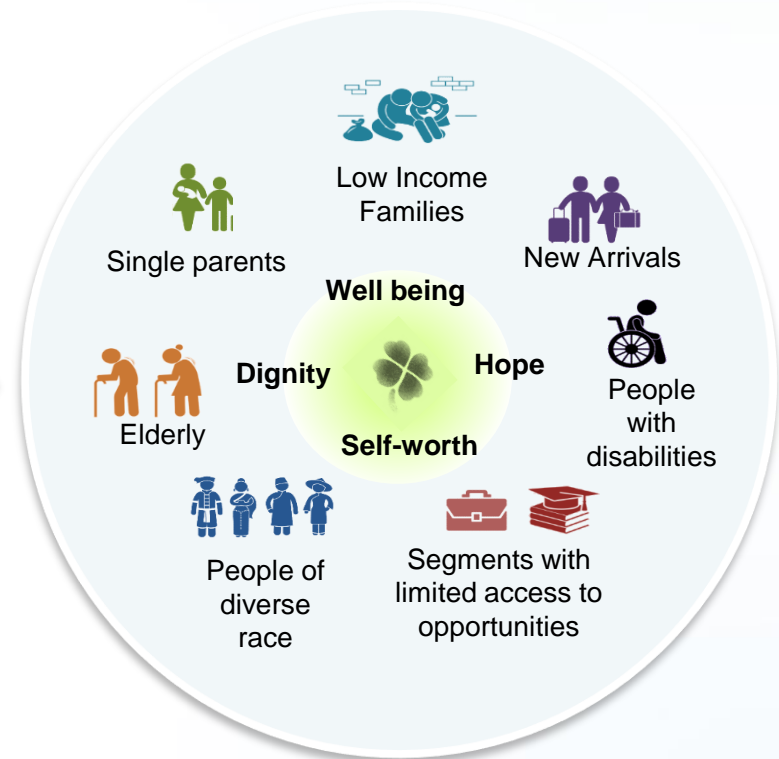
Objectives

To establish or support schemes and experiments with a view to attracting, inspiring or nurturing **social entrepreneurship** to develop **innovations** that aim at creating **social impact** and build social capital for supporting **poverty relief** in Hong Kong

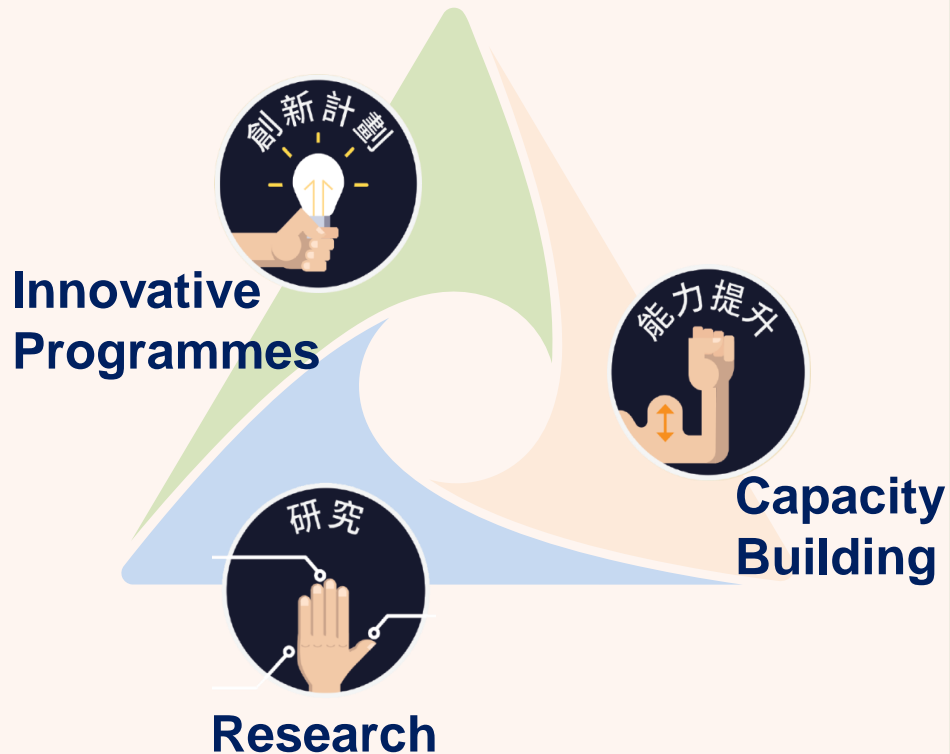
A **catalyst** for social innovation
connecting different sectors to
create social impact through
innovative solutions



Ultimate beneficiaries



Three Funding Priorities



A Mixed Business Model

- Funding and nurturing **social ventures** through “**Innovative Programmes**” run by **intermediaries**
- Directly taking forward or fund **flagship projects** to bring about greater social impact and supporting “**Capacity Building**” and “**Research**” projects



Individuals can apply



Any Hong Kong **registered legal entity** can apply

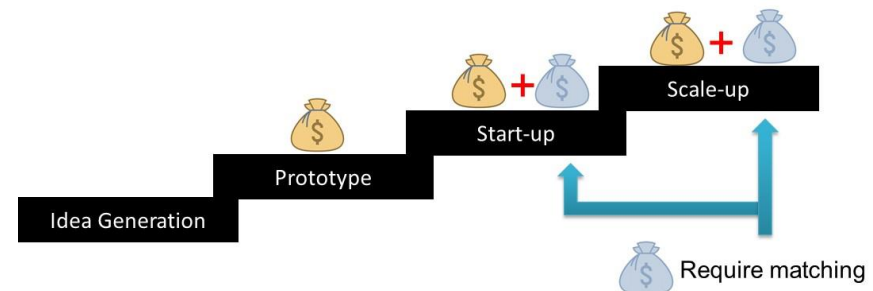


Organisations can **make profit** but agreement must be obtained on sharing or use of the profit



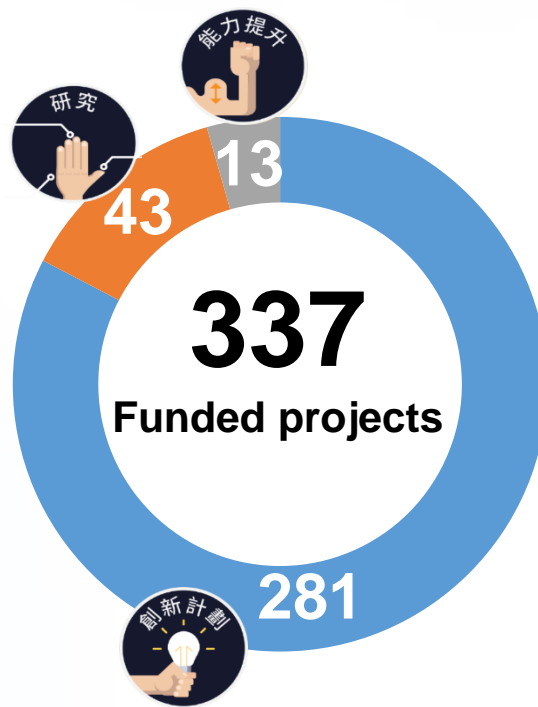
For Innovative Programmes –

- support **all stages** of innovation development
- start up and scale up stages require **matching**



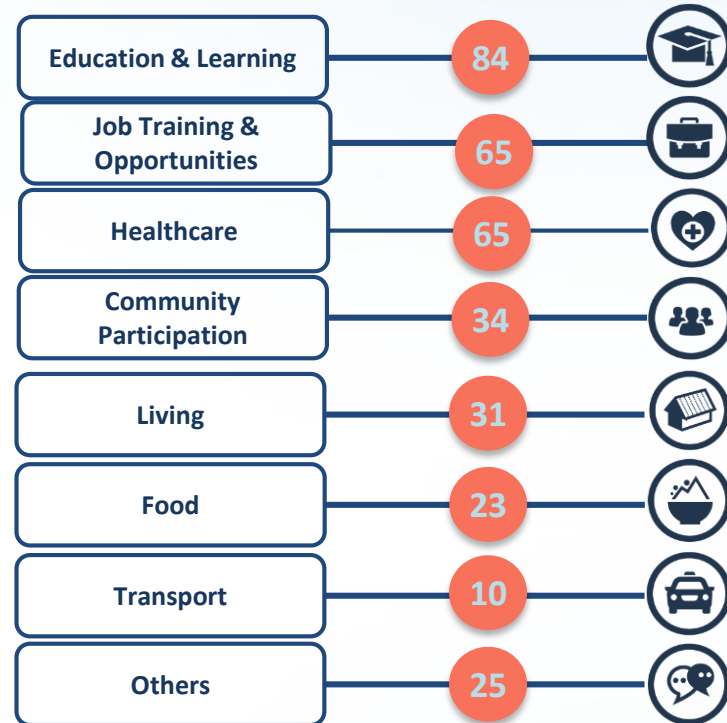
Achievements

Oct 2021

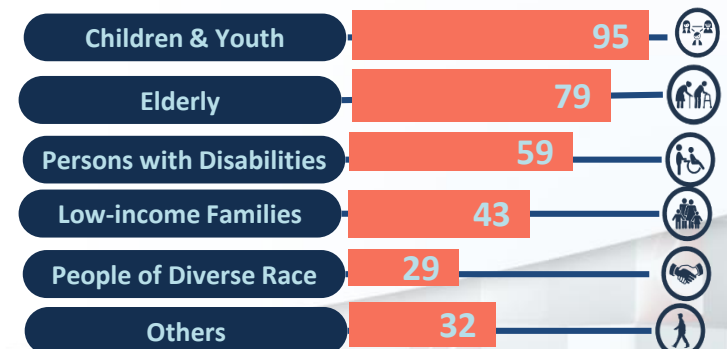


Project list available at
SIE Fund website:
<http://www.sie.gov.hk>

By service nature:



By ultimate beneficiaries:





Intermediaries are engaged to run **Innovative Programmes** to provide individuals and organisations with **funding**, **incubation** and **support** to take forward **innovative projects** of different natures that create **social impact**

Tertiary students & graduates

PolyU Technology and Consultancy Co Ltd

- Idea generation
- Prototype



Youth between 15 and 25

Fullness Social Enterprises Society

- Idea generation
- Prototype
- Start-up



Marginalised population

The Society of Rehabilitation and Crime Prevention, Hong Kong

- Idea generation
- Prototype
- Start-up



All

The Hong Kong Council of Social Service

- Late prototype
- Start-up
- Growing
- Scale-up





Business for Good: Understanding the Motivations for Sustainable Business



Building Social Innovation Knowledge and Leadership to Support Poverty Relief in Hong Kong



Mapping the Best Practices in Social Innovation Development



Gerontechnology Landscape Report



Research on the Needs of Kindergarten in Teaching Ethnic Minority Students



Applied Research in Social Innovation

(32 applied research projects supported under an annual applied research funding mechanism)



1st & 2nd Evaluation Study of the SIE Fund

Theme-based Programmes/Projects



FOOD-CO

SAVE & SHARE 惜食共享

Food Support

(1st Flagship Project)



Social
Entrepreneurship

WORKING 共享
工作空間資助計劃

Co-working Space



Gerontechnology

(2nd Flagship Project)



Design Thinking &
Co-creation



Tech-enabled Impact
Measurement



New Funding Model:
Pay-for-Success



Social Housing

FOOD-CO

SAVE & SHARE 惜食共享



1.0 Jun 2016 – May 2019

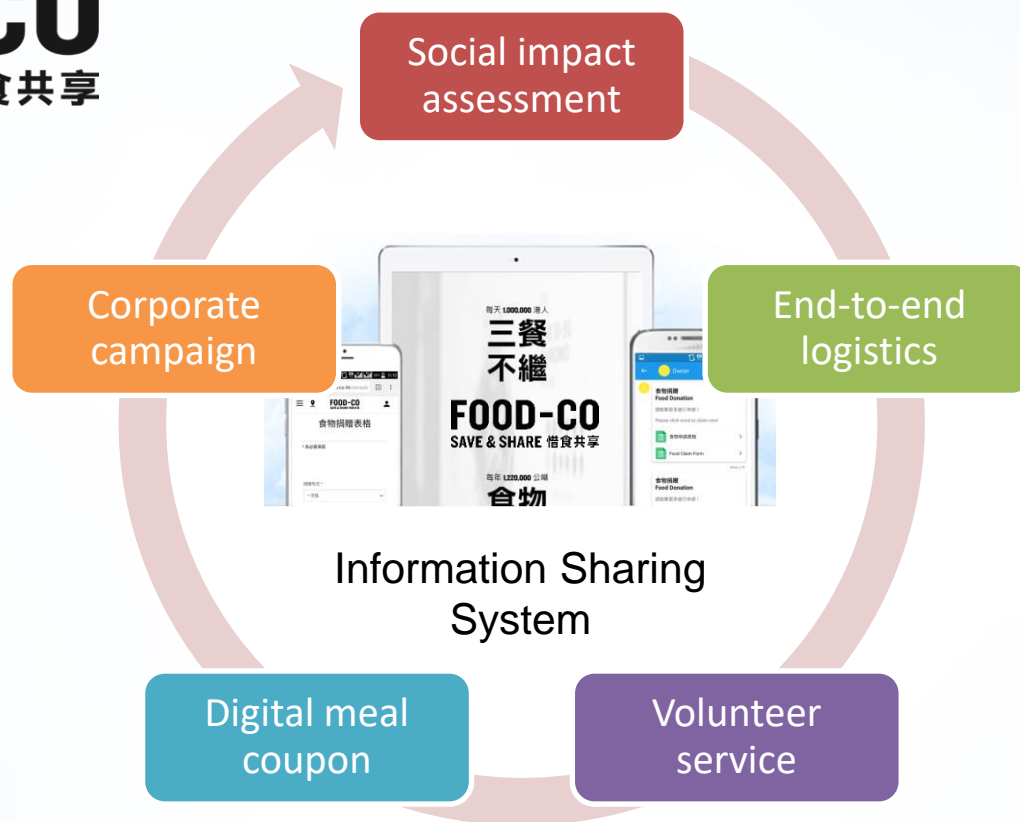


Outcome Targets	Target	Actual Result
Daily no. of meals served	+50%	+83%
Daily no. of beneficiaries	+30%	+78%
Volume of food surplus donation	+25%	+66%
No. of food support service points	+100	+191

2.0 Jul 2019 – Jun 2022

FOOD-CO

SAVE & SHARE 惜食共享



As at Sep 2021

Food support service points*

310+

Donors

730+

Food donation

transactions

Weight of food

Worth of food

~8 500 1 300+Tonnes ~ \$112M

*registered on FOOD-CO





樂齡科技平台
GERONTECHNOLOGY
PLATFORM

Funded by

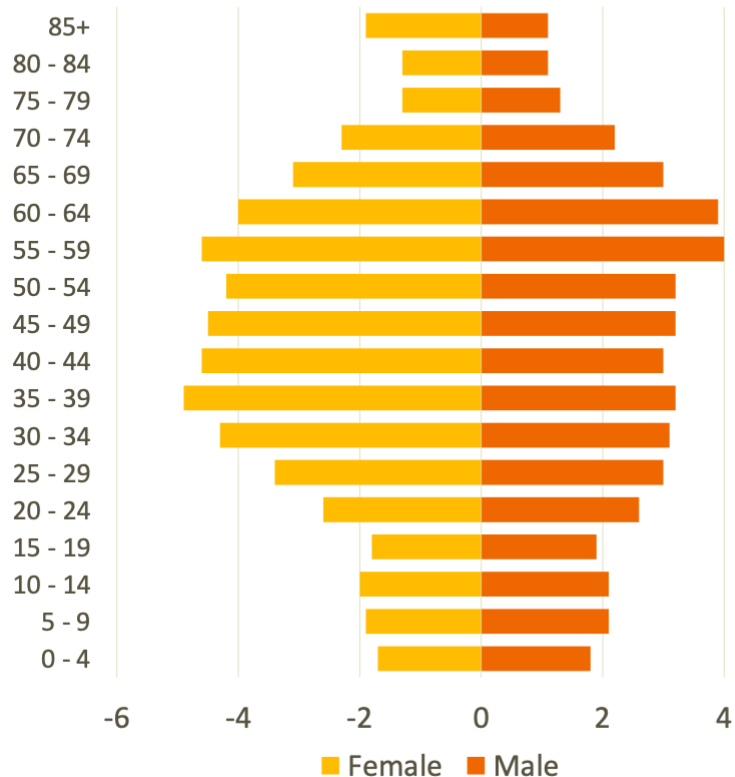


Intermediary

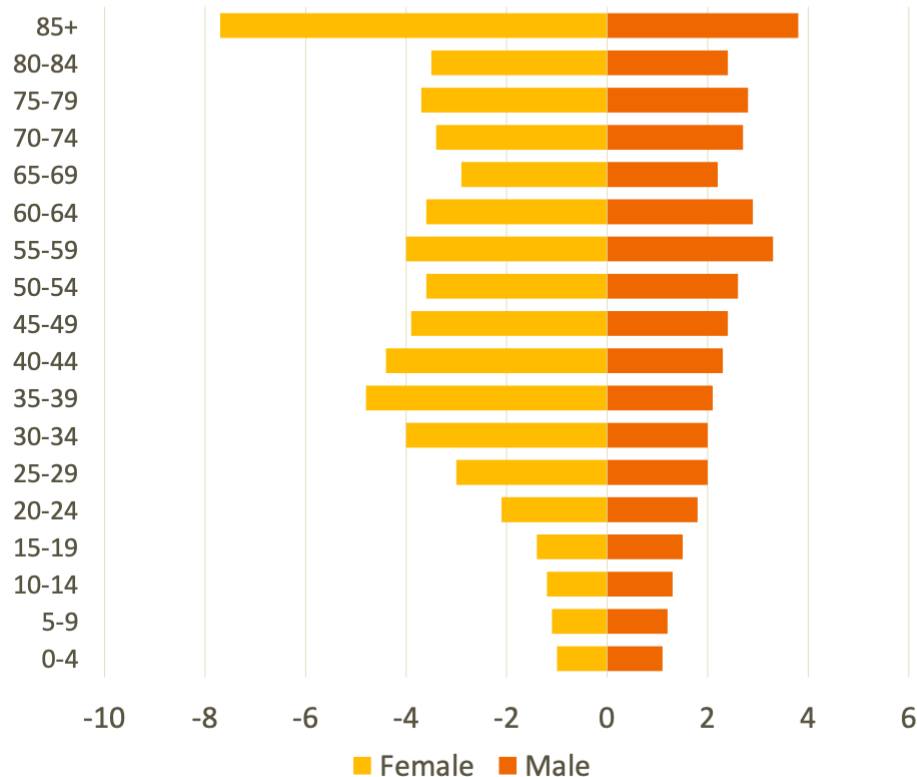


The Ageing population

Population by age group and sex, 2020



Population by age group and sex, 2069



What is Gerontechnology

Gerontechnology, being an inter- and multi-disciplinary sector which combines gerontology with technology and focuses on the application of technology towards elderly-related products and services, is widely recognised as a key to addressing the challenges and tapping the opportunities arising from the ageing population.

Gerontechnology products and services may very often be applied to rehabilitation and cater for the needs of people with disabilities.

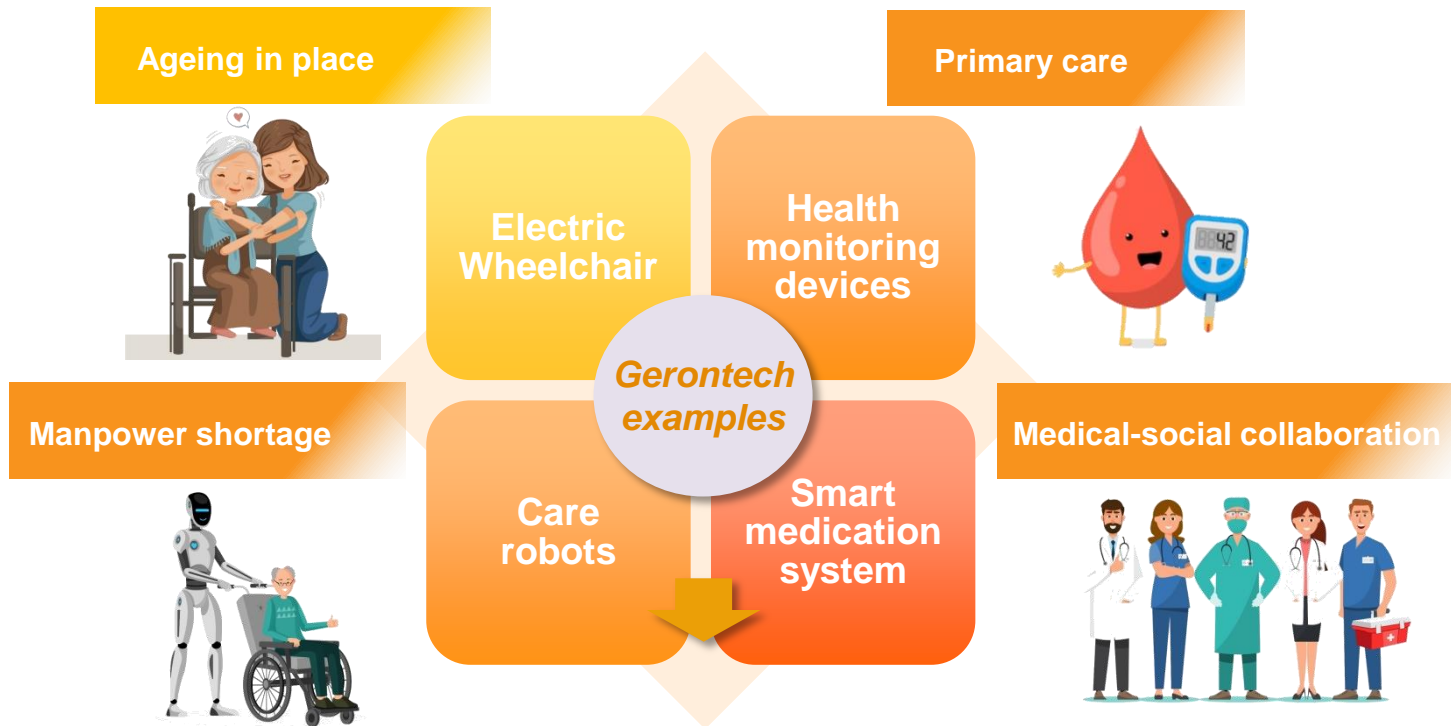
SIE Fund Website

<https://www.sie.gov.hk/en/what-we-do/gerontech.page>

Some gerontech products



Gerontech Applications



Self-sustaining, local HK gerontech economic industry



Funded by



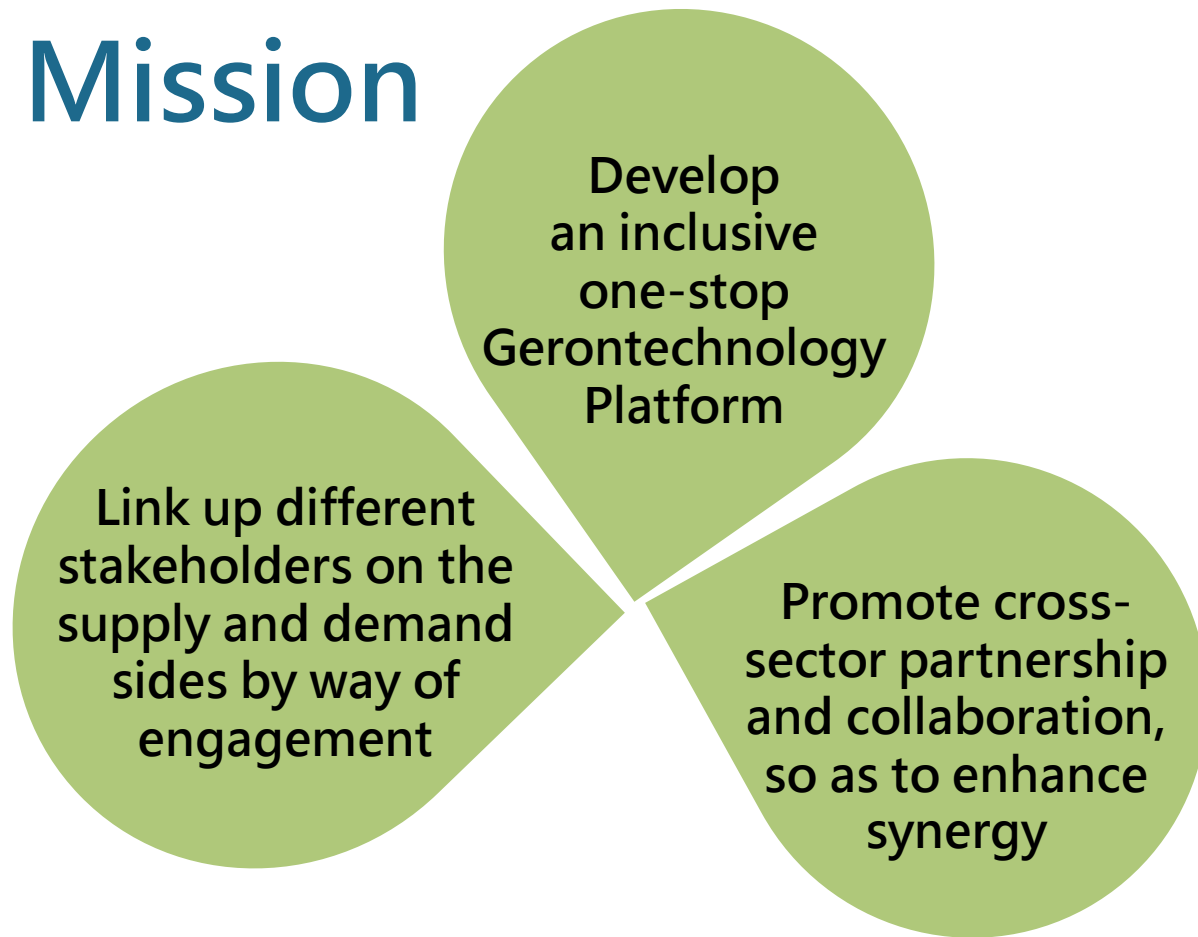
Intermediary



Collaborative Partners



Mission



Our Services





Knowledge Hub

An online repository of gerontechnology to facilitate the acquisition of appropriate resources for stakeholders **(service users and caregivers)** by providing latest knowledge information, including research reports, market data, funding schemes, gerontechnology application experience, etc.



Training and Networking

To organise multifaceted **training**, networking engagements and step-up events for stakeholders on knowledge and capacity building on the research and application of gerontechnology

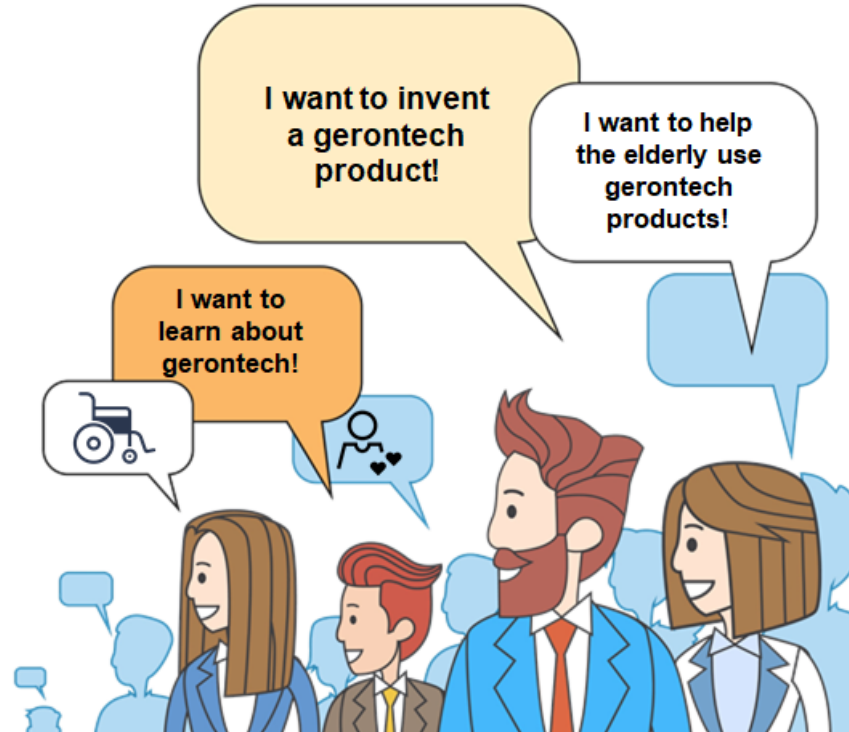
Education and Talent Development



**Vocational training for
gerontech-specific skills**



**Exposure to gerontech
education and awareness**





Consultancy Service

To provide support to supply and demand sides, by :

- Helping supply side to develop, test, validate and promote their products/solutions;
- Assisting service operators to select and apply Gerontechnology products/solutions



Matching Portal

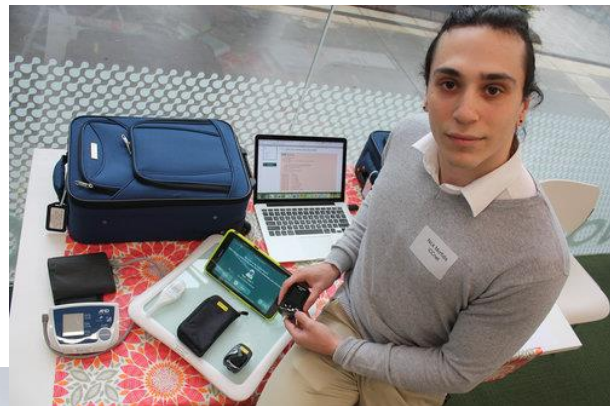
Listing wish list from service operators for product developers or distributors to propose corresponding solutions



To test and research on themed products, develop and record testing processes; and to consolidate experiences and develop the testing protocol for future testing foundation



To establish **user feedback groups** to help improve product design



Testing Support (Community) User Engagement



User Feedback Groups





Impact Assessment

- Research and publish the Gerontechnology Landscape Report 2.0
- Regular assessment and evaluation on the social impact of the Gerontechnology Platform



OUR HONG KONG
FOUNDATION
團結香港基金



Gerontechnology Landscape Report 2.0

December 2021

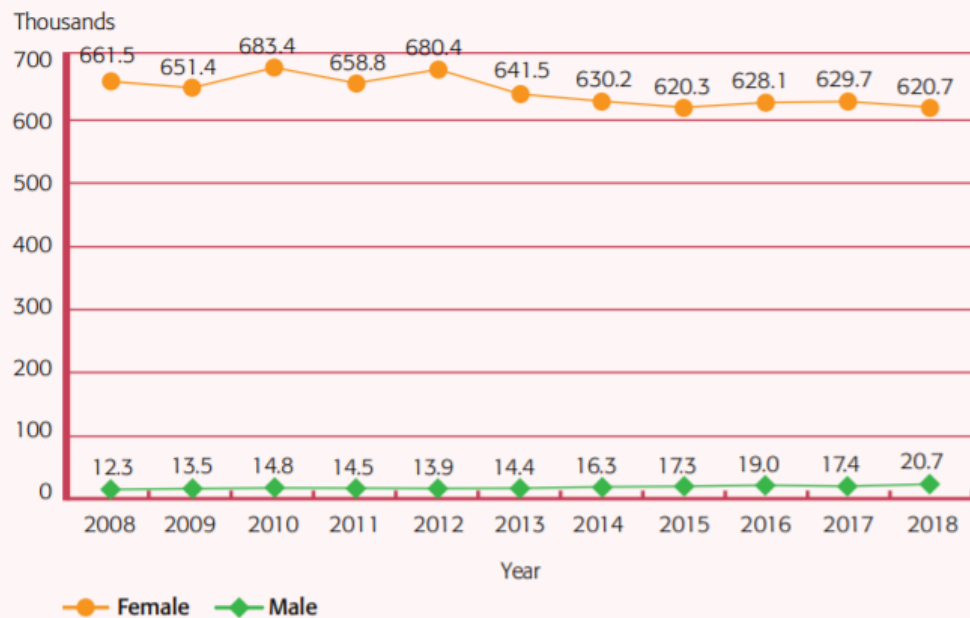
Research • Advocate • Engage
研究 • 倡議 • 推動



Landscape Study 2.0 Recommendation

Supply-side	1.1A	Empirical information on gerontech usage rate and market situation in Hong Kong,
	1.1B	GT Platform “Testbed” should include opportunities for both product evaluation and product enhancement
	1.1C	GT Platform should include comment function on “Product List” for public to provide feedback
	1.2A	GT Platform should convert Gerontech Ambassadors into an Elderly & Caregiver Advisory Panel to help start-ups
	1.2B	GT Platform should create a training course for start-ups to learn demand side needs and operations, e.g. RCHE requirements (Cap 459)
	1.3A	GT Platform create program for HK start-ups to do site visits & product trials at GBA elderly homes
	1.3B	Create gerontech-specific international import/export support structures
Demand-side	2.1A	Regularise and extend the scope of \$1b I&T Fund to increase coverage among service units
	2.1B	Enhance trial use of newly developed technology products under \$1b I&T Fund
	2.2	Extend scope of vouchers to allow for purchase/rental of gerontech products
Infrastructure	3.1	Create a “Gerontech Corner” within District Health Centres (DHC)
	3.2	Create a Home Modification Scheme for elderly in private housing
Investment	4	Use Pay For Success to explore gerontech service delivery models
Education and Talent Development	5.1	Train up gerontech case managers as contact person to assist the elderly, especially those with special needs
	5.2A	Provide attractive licensing terms and revenue-sharing policies
	5.2B	Allow spin-off companies to pay the licensing fees with the companies’ equity stake to Universities as part of the financial terms
	5.3	Promote gerontech competitions and educational curriculum

4.3.8 Full-time Home-makers by Sex



Source: Census and Statistics Department

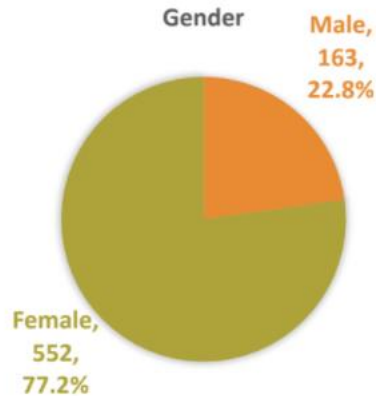
Majority of full-time home-makers were females.

<Study on the Respite Needs of Carers in Hong Kong >

HKCSS June, 2021

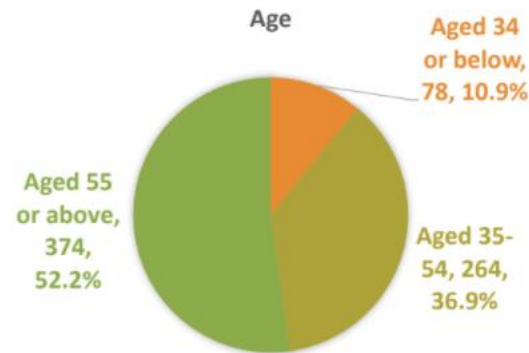
Respondents' Gender and Age

Female as majority



N=715

Those aged ≥ 35 as majority

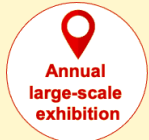


N=716

Providing information of Gerontechnology to caregivers

Problem:

Elderly & carers cannot easily access gerontech in their neighborhood



LJJ Jockey Club Gerontechnology and Smart Ageing Project
龐大寶馬會樂齡科技與智慧安老計劃



賽馬會家
Jockey Club | age at home
樂齡科技與智慧安老計劃

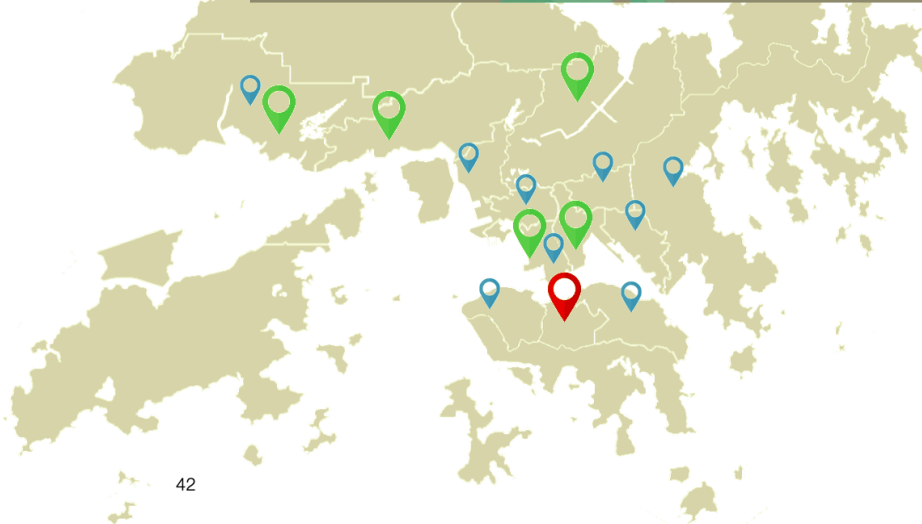


賽馬會智齡匯
Jockey Club | SMART AGEING HUB
智慧安老·活樂自在 SMART AGE • SMART LIFE



HONG KONG HOUSING SOCIETY
香港房屋協會

PROJECT FUTURUS



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 Individual Member



Organisational Member



