



Stakeholder Engagement Programme for Establishing a Gerontechnology Platform in Hong Kong

STAGE 2: SITE VISITS

POST-VISITS REPORT

JUNE 2018

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Organisations Participated in the Site Visit 8

Site Visit to the Elderly Resources Centre of Hong Kong Housing Society

Date: 7 June 2018 (Thursday)

Time: 15:00 – 17:00

Venue: Elderly Resources Centre, Shop A-C, G/F, Prosperous Garden, 3 Public Square Street, Yau Ma Tei, Kowloon

- Following the successful conclusion of the Sharing Session of the Stakeholder Engagement Programme, the SIE Fund organised four rounds of site visits in June 2018 to enable stakeholders to evaluate first-hand the existing situation, challenges and opportunities of the application of gerontechnology in Hong Kong. The first site visit aims to understand how mind-friendly home design and products help elderly and people with dementia to achieve “Ageing in Place”. 26 participants from 23 organisations watched demonstration of gerontechnology and elderly-friendly design in three zones with detail as follows:



Mind-friendly Home Exploration Centre

- *The concept of dementia-friendly home.*



Healthy Ageing Zone

- *Testing on cognitive, visual, hearing and balancing abilities as well as bone density through interactive games.*



Adaptive Housing Zone

- *Simulated age-friendly living space.*

Site Visit to the Logistics and Supply Chain MultiTech R&D Centre (“LSCM”)

Date: 8 June 2018 (Friday)

Time: 15:00 – 17:00

Venue: Room 202, Level 2, Block B, Cyberport 4, 100 Cyberport Road, Hong Kong

- The second site visit aims to enable participants to understand the various LSCM technologies and solutions for the elderly. 30 participants from 24 organisations experienced three showcases namely: Community Technology, Government and Public Sector Technology and Robotic and Automation Technology, in which demonstrated 18 innovation and technology products with potential to be applied in elderly services.



Community Technology Showcase

- *Visually-impaired RFID Navigation System*
- *RFID Asset Checking*
- *Energy Harvesting Bluetooth Low Energy Sensor Network*
- *Baby Tracking in Hospital Environment*
- *RFID Pearl Tracking*
- *Fall Detection System*
- *Service Log System and Information Kiosk*
- *Anti-wandering RFID Gate System*
- *Location Tracking System for the Elderly, Disabled and Alzheimer Patients*



Government and Public Sector Technology Showcase

- *RFID System for Major Incidents*
- *Tracking and Monitoring of Baggage Trolley*
- *e-Cheque and Blockchain*
- *Safety Belt for Construction Industry*
- *Virtual Reality Training System*





Robotic and Automation Technology Showcase

- *iFollower*
- *Multiple Autonomous Guided Vehicles*
- *Vision-sensor Integrated Robotic Application*
- *Deliverbot*

Site Visit to the Hong Kong Science and Technology Parks Corporation

Date: 19 June 2018 (Tuesday)

Time: 09:30 – 13:00

Venue: Hall 6, 2/F, Lakeside 2 (10W), 10 Science Park West Avenue, Hong Kong Science Park, Shatin, Hong Kong

- The third site visit aims to enable the participants to understand the trend of innovation and technology applications for "Ageing in place" from technology start-ups. Six technology start-ups specialised in gerontechnology were invited to demonstrate their latest products and share how they could improve the health and quality of life of the seniors through enhancement in visual ability assessment, rehabilitation, mobility, cognitive training and health monitoring. 29 participants from 22 organisations attended the site visit and exchanged ideas about the trend of applying technology products in traditional elderly service industry. Gerontechnology products of six technology start-ups are as follows:



Visiona MedTech International Limited

- *VisionaDR is a retinal image analytic software with artificial intelligence capabilities. It serves to assist medical professionals to provide disease (such as diabetic retinopathy) screening services.*



Rehab-Robotics Company

- *Hand of Hope is a sEMG-driven robotic arm, which is used after stroke rehabilitation. It facilitates muscle re-education by both amplifying and rewarding a patient with desired motion in concert with his or her own muscle signal.*



Human Washer Limited

- *Sit & Shower automatic bathing device and other automatic bathing devices address the Aging in Place problem by helping seniors bathe independently and with dignity.*



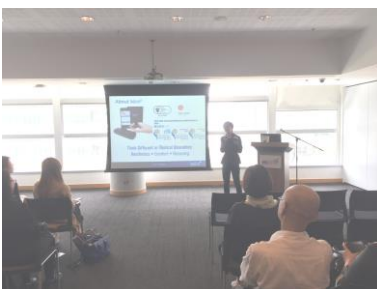
Single Person Transport Design Limited

- *MoBiLET, a reinvention of a wheelchair to make use of advanced computing techniques, connection with mobile and internet to increase the mobility of physically challenged people, enhancing their living standards and social interaction.*



Mindvidid Limited

- *MV Test and Brainastic provide a solution to tackle the issue of Dementia through interactive brain-training games and cognitive assessment.*



Belun Technology Company Limited

- *Belun™ Ring offers medical-grade, lightweight wearable solution for Physicians to diagnose and monitor post-treatment effectiveness of Obstructive Sleep Apnea.*

Site Visit to the Centre of Wellness by Sheng Kung Hui Welfare Council and Longevity Design House

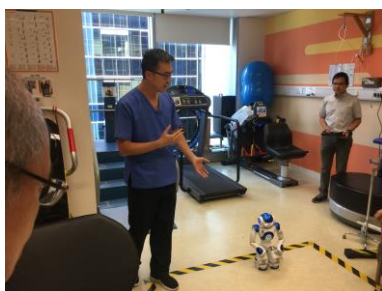
Date: 28 June 2018 (Thursday)

Time: 14:30 – 17:30

Venue: Centre of Wellness - Office No 7-8, 20/F, Elite Centre, 22 Hung To Road, Kwun Tong, Kowloon

Longevity Design House - Unit 310 - 311, 3/F, Tins Enterprises Centre, 777 Lai Chi Kok Road, Cheung Sha Wan, Kowloon, Hong Kong

- The fourth site visit aims to enable the participants to understand the actual applications of gerontechnology products at the Centre of Wellness by Sheng Kung Hui Welfare Council, a NGO-backed service provider with various community medical support and Longevity Design House, a social enterprise which helps elderly and those with physical disabilities renovate their living spaces so as to improve household safety and accessibility. 19 participants from 15 organisations experienced in person how gerontechnology is reforming the traditional community care, home design and home care industries and learned from two social innovation cases how to create positive social impact of gerontechnology while maintaining long term sustainability. Examples of products and services showcased are as follows:



Centre of Wellness by Sheng Kung Hui Welfare Council

- *TheraBalo (Balance Trainer) is a professional standing and balancing exerciser for a wide variety of users with different needs. Computerized interactive balance training makes therapy more interesting and motivating. Grading of intensity to all 8 directions allows the training more tailor-made to individuals.*



- *Armeo Spring system is an instrumented arm orthosis with a spring mechanism for enhancing upper extremities function. It produces adjustable sensitivity of grip strength sensing, thus achieving the augmented feedback that promotes functional training.*



Longevity Design House

- *Elderly-friendly design, consultation and renovation services*
- *Longevity Care is an integrated online operation system to tackle wandering, medication and health monitoring issues with support from medical staff.*

Organisations Participated in Site Visit

- Alibaba Entrepreneurs Fund
- Alice Ho Miu Ling Nethersole Charity Foundation
- Associated Medical Supplies Co. Ltd.
- BNET-Tech Company Limited
- Caritas-Hong Kong
- Chevalier International Holdings Limited
- Christian Family Service Centre
- CUHK Jockey Club Institute of Ageing
- Happy-Retired Co Ltd
- Haven of Hope Christian Service
- Hong Kong Research Institute of Textiles and Apparel
- HKT
- HOHOLIFE
- Hong Kong Pharmaceutical Care Foundation
- Hong Kong Red Cross
- Hong Kong Science & Technology Parks Corporation
- Janley Limited
- Jockey Club Design Institute For Social Innovation, PolyU
- Kerry Medical Limited
- Kingsford Far East Limited
- Lee Hysan Foundation
- Mark Bright Ltd
- Microsoft Hong Kong
- MoNi Studio Interactive Design
- Our Hong Kong Foundation
- PKL Consultants Ltd.
- Roseville Senior Living Management Limited
- SAGE Madam Ho Sin Hang Home for the Elderly
- SAHK
- Shun Hing Group
- Single Person Transport Design
- SOW (Asia) Foundation Limited
- System Aid Medical Services Limited



- The Hong Kong Society for the Aged
- Tokai Rubber Industries (H.K.) Limited
- Tung Wah College
- Upper Fusion Company Limited
- Water Drops Foundation
- Winner Medical Group
- Wofoo Social Enterprises
- Wu Jieh Yee Charitable Foundation

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