

Thailand's Ageing Society:
The opportunities for
businesses in Thailand

Wednesday 3 July 2024



Today's presenters



Matt Crane

Head of Infrastructure, Government and Healthcare,

Partner, Deal Advisory



David Mould
Partner,
Consulting, Technology



Today's agenda

01 Welcome and introduction

02 Healthcare trends and the ageing society

The future of independent living and aged care

O4 Case studies: Transforming the aged care market

05 Key takeaways

Q&A Session



1. |

Healthcare trends and the ageing society



Thailand driving forces – Digitization, government, medical tourism and ageing society are paramount

Thailand total health spending (THB bn) and % to GDP



Health chanding	CAGR		
Health spending	2020-2023	2023-2026	Public health spending
Public	7.7%	8.2%	Private health spending
Private	4.8%	6.5%	Health spending, % of GDP

Key growth drivers



- Thailand's healthcare industry is shifting towards digitalization, supported by Thailand 4.0 policy and the collaboration between Ministry of Public Health and Ministry of Science and Technology
- Employing technologies such as AI and telehealth in healthcare sector will enhance and attract both domestic and foreign investment.



- The government announced the 10-year strategic plan for medical hub to promote in four major areas which are wellness hub, medical service hub, academic hub (R&D), and product hub
- The government aims to increase investment value through BOI incentive scheme



- Thailand medical tourism is expected 11.6% CAGR from 2019 to 2027, which expecting 9.9 USD mn in 2023
- One growing area of Thailand's medical tourism industry is wellness tourism as foreigners seeking for a affordable preventive medicine



- By 2030, it is anticipated that **21.3% of Thailand's population will be 65 years of age** or older, making it the country with the second highest proportion of elderly individuals in ASEAN, following Singapore.
- Given the health challenges commonly faced by an aging demographic, such as gastrointestinal ailments and hypertension, there is an expected increase in demand for medical products

Note: 1) Universal Coverage Scheme (UCS), Social Security Scheme (SSS), Civil Servant Medical Benefit Scheme (CSMBS). Source: Fitch solutions



By 2030, it is anticipated that c. 20% of Thailand's population will be 65 years of age or older, making it the country with the second highest proportion of elderly individuals in ASEAN

Proportion of Thai population older than 65

70.4% 71.6% 73.8% 76.9% 80.4% 83.8% 87.0% 29.6% 28.4% 26.2% 23.1% 19.6% 16.2% 13.0% 2020 2025F 2030F 2035F 2040F 2045F 2050F Lower than 65 65 and above

- Proportion of elderly is expected to grow to nearly 30% in 2050 due to lower birth rate and longer life expectancy
- Thailand is anticipated to have the second-highest population of elderly individuals in ASEAN, following Singapore

Note: (1) conducted by ddproperty (2) only businesses under residential care activities for the elderly category from DBD Source: Fitch solutions, Krungsri research, Statista, DBD, publicly information







Establishing of ASEAN Centre for Active Ageing and Innovation (ACAI) to support for innovation, R&D, and database for future policy among region



Regulation

Business related to elderly care service need to obtain permission from government to enhance overall standard

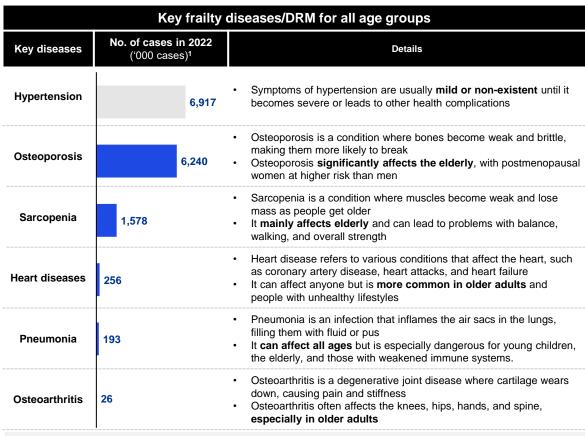


Technology

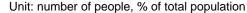
Implementing to serve elderly such as **telemedicine** and **smart home** with an increasing adoption rate from elderly

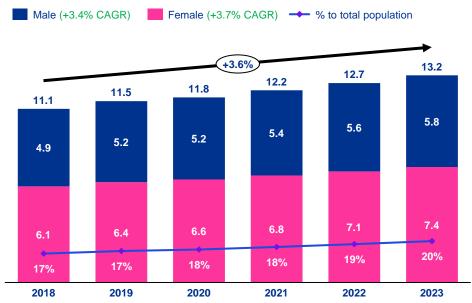


In Thailand, frailty is often attributed to age-related diseases such as osteoporosis, which is prevalent among the elderly and is a leading direct cause of frailty



No. of population age 60+ and proportion of total population





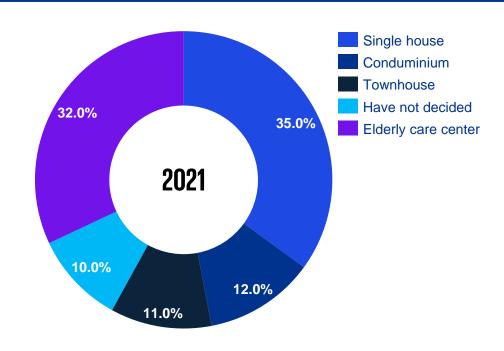
- Thailand is transitioning into an aging society with a growing elderly population
 - Longer life expectancy is contributing to an increase in certain diseases, such as osteoporosis
- Hypertension has the highest prevalence but typically presents with mild symptoms and serves as an underlying condition for other frailty-related diseases
- · Osteoporosis is the leading direct cause of frailty, followed by sarcopenia, both of which are most prevalent among the elderly
- As the elderly population grows, the prevalence of age-related diseases may increase in the future

Note: (1) Number of cases are not mutually exclusive. A patient could have more than 1 disease (Comorbidity) (2) Refers to the total number of death cases attributed to a disease, as of 2021 according to the MOH Source: NHS, Johns Hopkins Medicine, Ministry of Public Health, Health Information System Development Office (HISO), KPMG analysis



Survey results indicate 32% of elderly are interested in living in a elderly care center with assistance and support services

Elderly real estate preference survey (%)



 The survey⁽¹⁾ shown that 32% of elderly are interested living in elderly care center as they need someone to take care of them

Example types of elderly care center

Elderly service center provides after retirement residential with essential services such as medical care, rehabilitation, surgery care, personalized nutrition, and palliative care

Examples of elderly care service type in Thailand								
At elderi	At senior's house							
Day care	Long stay	Home care						
For self-help seniors who want to stay at the service centre only for daytime and go back home at night	For seniors who want to live in elderly care center with others for certain period to receive support such as 24 hours health monitor, activities provided, palliative care	For seniors who wish to stay at home and have assistance to support and take care for daily activities, medical care						

Note: (1) conducted by ddproperty (2) only businesses under residential care activities for the elderly category from DBD Source: Fitch solutions, Krungsri research, Statista, DBD, publicly information



Elderly care businesses are growing & a number of local and foreign players focusing on building these services to address the current and future needs

New elderly care business registered⁽²⁾ (units)

+24% 117 113 76 52 29 2018 2019 2020 Q1 2020 Q1 2021 Elderly care business Total operating business: 493

Number of new elderly care business registered grow at CAGR of 24% during 2018-2020 and majority of the players are SME

Selected key players

















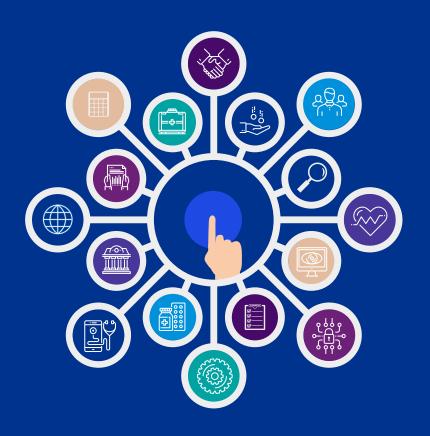


Note: (1) conducted by ddproperty (2) only businesses under residential care activities for the elderly category from DBD Source: Fitch solutions, Krungsri research, Statista, DBD, publicly information



2.

The future of independent living & aged care



2.1.

Aged Care Sector Trends



Several aspects can be observed to drive the demand for aged care services in the present including increasing in aged population, home care, prevalence, pressure and property markets



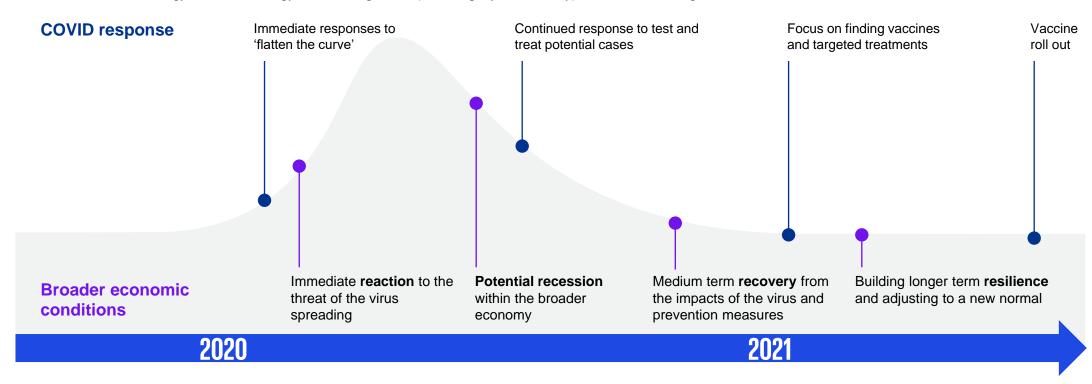
Demand for Ageing services

- Demand for retirement living is strongly linked to the property market. Condo living and lack of suitable age-friendly accommodation as a driver.
- There is increasing pressure on residential aged care, due to changing consumer expectations, an increasing desire by consumers to receive care at home and a loss of trust in the community regarding residential aged care.
- Increasing prevalence of dementia is driving demand for residential aged care. Health Care Providers and the social sector need to respond with Mind Care services.
- There will continue to be growing demand for home care from older Thais, drivers include COVID-19 and/or consumer choice for home care (including people choosing residential care as stable accommodation, as they don't have their own home).
- Continued ageing of the population will drive demand. By 2030 28% of the population will be 60 or older.



COVID-19 pandemic had influenced faster digital transformation for business including healthcare and aged care market

- COVID-19 accelerated the pace of Digital Transformation. This has implications for how technology is used and managed within organisations.
- Over the COVID-19 lifecycle, there has been response phases to the virus, as well as expected economic conditions that dictate the operating environment for Aged Care providers.
- As a trend, we have seen that there is a focus on the customer and their interaction with technology, increased Technology investment, greater alignment between business and technology, and Technology Risk management (including Cyber Security). 25% of seniors aged 75+ are active internet users.





2.2.

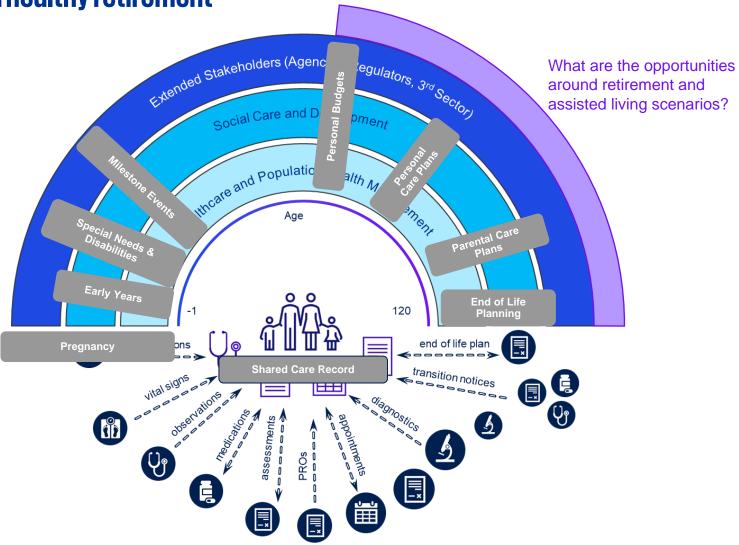
Wider Healthcare Trends



The 100 year life An independent and healthy retirement

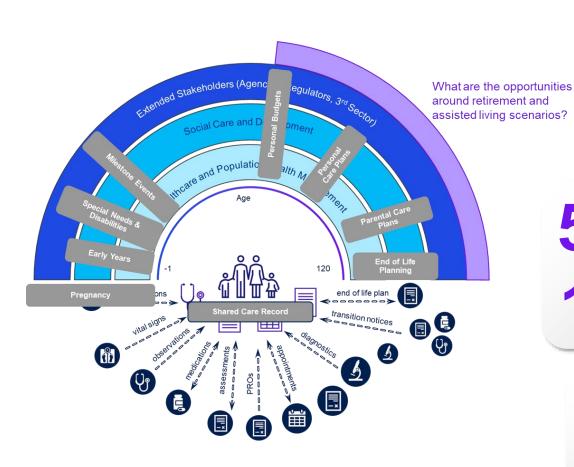
© 2024 KPMG Phoomchai Business Advisory, Ltd., a Thai limited liability company and a member firm of the KPMG global organization of

independent member firms affiliated with KPMG International Limited, a private English company limited by guarantee. All rights reserved.





The land of smiles Thailand, a rapidly ageing society





By the year 2030 28% of the population will be 60 years and over. By 2050 26 Million Thais will be 60 or older.

Does the Ryman Healthcare (NZ) model have any value in Thailand?

5% to 15%

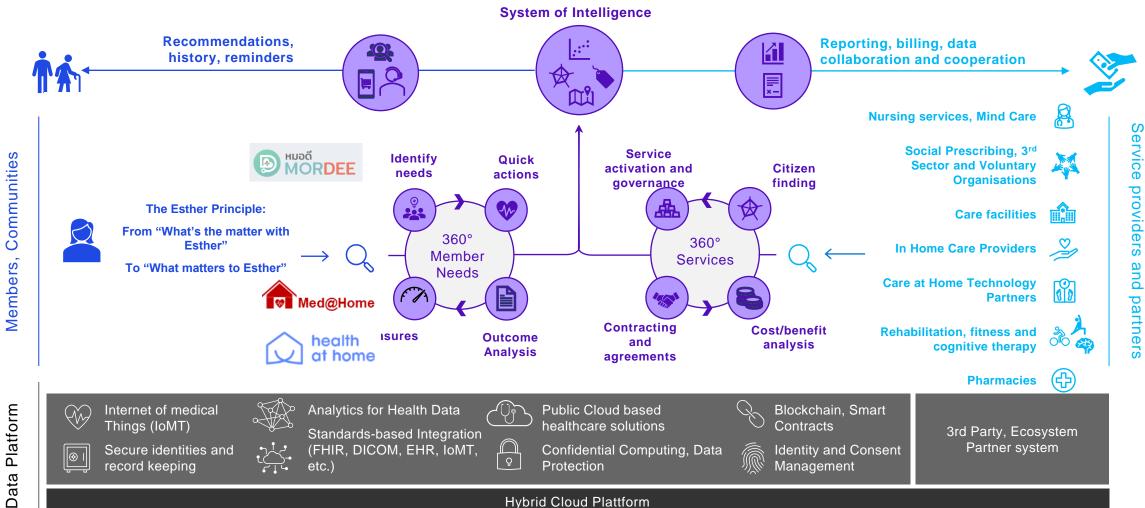
The average proportion of retired people living in dedicated spaces is between 5% and 15%. For Thailand this is closer to 2%

What is the business opportunity for Property Developers?

BBC Capital rated Thailand as one of the top 7 countries in the world for Expats to retire to.

What is the current marketing approach to attract Expats into Independent Living projects?

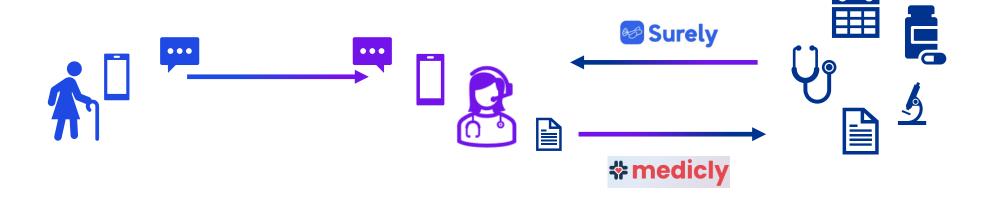
Matching seniors' needs with care options An ecosystem approach to providing affordable, accessible and effective care for seniors





eightwire

Case Study: Eight-Wire New Zealand Augmenting and integrating aged care with telehealth





Independent living simplified capability map

Reference Data	Sales and Marketing	Personnel and Staffing	Residence Service Delivery	Community Service Delivery	Healthcare & Support Services	Business Support
Resident data management and PHR	Customer engagement	Attract talent	In-home patient care	Food and Beverage Services	Pharmacy services	IT, facilities, and finance management
External providers data management	Campaign management	Ongoing medical education, licensing and certification	Counselling services	Transportation	Diagnosis and Allergy Services	Inventory management
Market data management	Community relations management	Services scheduling	Cleaning and Laundry services	Common area maintenance	Immunization and preventive care	Asset Monitoring and Management
Aged Care Funding payers data	Funds, grants & endowments management	Performance management	Maintenance Services	Safety and Monitoring	Biohazard waste management	Regulatory compliance and risk management
Healthcare payers data management	Compliance reporting	Care provider scheduling	Catering services	Recreation Services	Personal Health Management	Insurance claims and reimbursements management
	Bonds and ingoing contributions management		Dietary Management	Education Services	Remote Care / Telehealth	Human resource management
			Prescription Services		Physiotherapy and Rehabilitation	Supply chain management
			Urgent care services		Medical Imaging Services	Knowledge and IP management
			Personal Monitoring			Revenue Cycle Management



How can connected enterprise help in aged care?

Connected Enterprise – overview of the 8 Capabilities



1. Insight-driven strategies and actions

The ability to enable, activate and harness data, analytics and actionable insights to develop a real-time, multi dimensional view of the citizen to inform a customer strategy and personalization approach.



2. Innovative services

The ability to develop innovative care delivery models and compelling customer value propositions including pricing, products and services to drive profitable growth.



3. Experience-centricity by design

The ability to design and orchestrate a seamless and personal patient, provider and partner experience that incorporates CX economics, underpins the customer value proposition and nurtures loyalty across all touch points.



Seamless interactions

The ability to interact and transact with citizens and patients across marketing, delivery and service domains through channels in a trusted, personalized and integrated manner enabling a seamless experience.



5. Responsive operations and supply chain

The ability for the organization to effectively execute on the customer strategy and brand promise in an agile, demand-driven, consistent and operationally efficient manner underpinned by advanced analytics.



6. Aligned and empowered workforce

The ability to create a customer centric organization and culture which is supported by ongoing skills development and with an aligned nimble, empowered workforce.



7. Digitally enabled technology architecture

The ability to architect and engineer intelligent digital services, technologies and platforms to deliver on the customer promise in an agile, cost effective and scalable manner while maintaining security.



8. Integrated partner and alliance ecosystem

The ability to effectively identify, integrate and manage third-parties to increase speed to market, reduce costs, mitigate risks and supplement capability gaps in delivering the customer promise.



3.

Case studies: Transforming aged care



Increased accessibility to long-term elderly care benefits as a result of a national social insurance system





Aged Care Model

- The Long-Term Care Insurance (LCTI) programme is a social insurance system that provides long-term care benefits to elderly residents in South Korea who experience difficulty in caring for themselves due to old age or geriatric diseases.
- It aims to improve the health of senior citizens and stabilise their lives post-retirement. relieve family members from the burden of supporting them and enhance the quality of life of citizens by providing for matters concerning long-term care.
- LCTI benefits include both cash benefits and in-kind benefits that cover both home care and institutional care services.
 - Home care services covered under the programme include day/night care centre services, home-visit services by LTC assistants, services to promote cognition activities and other nursing services.
- The programme's benefits also include short-term institutionalised care in hospitals and the provision of smart welfare devices.

Organisation

National Health Insurance Corporation (NHIC)

- Responsible for providing healthcare in South Korea through the National Health Insurance Service
- Helped administer the long-term care insurance model in 2008
- Overseen by the Ministry of Health and Welfare, a branch of the government of South Korea, which handles all healthcare-related policies in the country

★ Outcome and Success

90.9%

of residents satisfied with LTCI

based on a survey conducted by the NHIC in 2019

increase in public participation with 671,000 recipients in 2019 compared

with 214,000 in 2008



Increased savings for residents

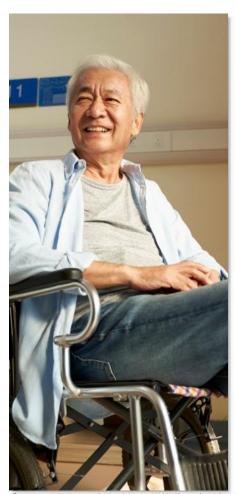
due to hospital coverage provided under the programme

Source: Hyuk (2020), National Health Insurance Service (n.d.)



Improved accessibility to aged healthcare services due to a comprehensive community care programme





Aged Care Model

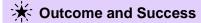
- The Comprehensive Community Care (CC) Programme aims to provide sufficient integrated home and community care services for physically or mentally frail individuals - mostly elderly individuals - to help prevent institutionalised long-term care.
- This programme was launched to better equip South Korea's healthcare system to manage the needs and demands of a "super-aged society", wherein the elderly (those aged 65 and above) will make up one out of every five people in the total population by 2026.
- **Key components** of CC include:
 - Health services such as nursing services and general well-being check-ups
 - Long-term care-supported housing, through building additional units of public rental housing customised for the elderly
 - Welfare services such as food delivery, transportation support and free home repairs



Organisation

Ministry of Health and Welfare (MOHW)

- · A branch of the government of South Korea, which handles all healthcare-related matters in the country
- Oversees and supports national initiatives such as healthcare and quarantine matters, health and basic living insurance, welfare support, social security and services, and other population-related policies
- Launched the comprehensive community care programme in 2018



40,000

additional units of housing built

for the elderly, in close proximity to healthcare facilities between 2019 and 2022



Increased convenience at home

as a result of smart technology like motion sensors implemented to save energy and slipresistant flooring installed in the housing units to prevent unnecessary falls



Greater accessibility to healthcare services at home

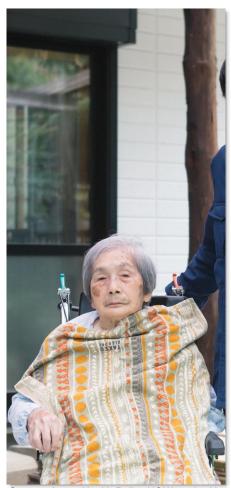
with doctors and nurses sent on house calls to over 3.9 million individuals

Source: Ministry of Health and Welfare (n.d.), Hankyoreh (2018), Cho (2020)



Stronger awareness towards dementia as a result of a nationwide plan to tackle the condition





Aged Care Model

- As part of Japan's strategy to tackle dementia, the New Orange Plan, started in 2015, focuses
 on the prevention of dementia and the creation of dementia-friendly communities.
 Notable initiatives as part of the plan include:
 - **Dementia Supporters training programme:** trains individuals with accurate knowledge and understanding of dementia to aid people with dementia and their families in communities and workplaces
 - **Doctor training programmes**: train primary care and dementia support doctors to improve their capabilities for responding to dementia
 - Medical centres: build medical institutions that serve as dementia medical provider systems within communities
 - Intensive Support Team system: provide comprehensive support to those with dementia living independently through the help of specialised professionals



Ministry of Health, Labour and Welfare of Japan

- A cabinet-level ministry of the Japanese government, providing services on health, labour and welfare
- Works with various stakeholders in the Japanese healthcare ecosystem to strategise and implement healthcare initiatives for the country, including the All-Hands-On-Deck Dementia Strategy

★ Outcome and Success

>21,490

individuals

qualify as being dementia-aware as of 2018

>3,000

individuals

regularly take part in neighbourhood patrols to find people exhibiting signs of dementia as of 2018 >180

individuals reunited with their families

after being found on the streets exhibiting dementia symptoms (as of 2018)

Source: Japan Health Policy NOW - the New Orange Plan (n.d.)



Homage Singapore aims to use smart technology to upskill care professionals and provide personalised care services





Aged Care Initiative

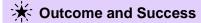
- Homage's service model leverages technology through its mobile app to provide personalized care plans based on Care Profiles of patients, where they are matched with care professionals based on their needs
- Its **convenient**, **on-demand holistic caregiving** provides personal care, nursing services, domestic support or community participation access, with just a few taps.
- Homage Mobile App provides:
 - Smart technology that matches seniors with caregivers
 - Guaranteed response and care within 48 hours
 - · Real-time updates to family members
 - Caregiver's past experience and qualifications
 - One-stop solution to book, manage, and pay for visits
 - · Detailed visit reports generated for all visits



Organisation

Homage

- Award-winning personal care solution provider that brings together care professionals and smart technology
- Based in Singapore, and operates in Singapore, Malaysia and Australia
- Solution works to address a range of conditions, e.g. Dementia, stroke, Parkinson's and cancer
- Services range from home personal care, home nursing, home therapy, home medical, tele-consultations and medicine delivery





Improved communication

through the platform for caregivers to communicate with family members about the care of their loved ones, and to ask for assistance when needed.



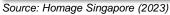
Increased efficiency

with tools for scheduling appointments, tracking medication schedules, etc., allowing caregivers to manage their schedules and tasks more efficiently



High patient satisfaction

with a 4.9 star rating in Apple App Store and 4.4 star rating on Google, and reviews citing "responsible platform", "excellent personal touch" and "professional"





Wesley Mission Queensland adopts an alternative philosophy of care to create a person-centred community





Aged Care Model

- · Nursing home models are shifting away from an "institutionalised style" of eldercare to an increased integration of eldercare with the community. The Eden Alternative model stands as the best-practice in ensuring elderlies feel a sense of belonging in their community.
- Eden Alternative model was developed in 1994 by Dr Bill Thomas, Harvard-educated physician and Board Certified Geriatrician, to shift the focus of eldercare on creating personcentred community-based care.
- It aims to reduce the loneliness, helplessness, and boredom experienced by many older people in residential aged care facilities, and promotes meaningful relationships.
- This involves creating person-centred environment where residents are empowered to make their own choices and have a sense of purpose and meaning in their lives.
- This includes tending to their own garden or taking care of animals and including them in decision-making at facilities such as paint choices and artwork selection for common areas.
- Each aged care community is a vibrant hub of activity with on-site cafes, outdoor entertaining spaces, children's playgrounds and hairdressing services.

Organisations

Wesley Mission Queensland

 Aged care provider with over 3,000 staff and 2.400 volunteers across 13 residential communities and 1,000+ private rooms

Kumeu Village Rest Home

Small New Zealand-based nursing home and dementia care centre with approximately 10 beds

Alzheimer's Australia

Dementia care experts that partner with care-provider organisations to provide advocacy, training and consultancy programs



* Outcome and Success



Reduced hospitalisation rate

after 1 year of implementing Eden Alternative model compared to control home*



Improved family satisfaction

after 1 year of implementing Eden Alternative model compared to control home*

35.6%

employee turnover rate

compared to the US average turnover rate of 94% in homes that do not adopt Eden Alternative

26.3%

reduction in anti-psychotic drug use

compared to 12.4% reduction in homes that do not adopt Eden Alternative

Source: Wesley Mission Queensland (2023), Eden Alternative (2023), Petriwskyj A., et al., (2016), Rosher, R. B., & Robinson, S. (2005) Notes: *Reduced hospitalisation rate at P < 0.002 significance level, improved family satisfaction at P < 0.0001 significance level



Integrated health and aged community care services provided for residents living in remote and rural areas







- The Multi-Purpose Service (MPS) Programme provides integrated health and aged care services for older Australians living in small communities in regional and remote areas.
- By providing health and aged care services in areas that cannot support both a hospital and a separate aged care home, senior Australians can stay close to their families and strengthen their community ties.
- MPS sites are co-designed with the community and state, territory or local government to ensure the services they provide meet the needs of the community. They offer services that:
 - · Take place in the home (home care) or in an aged care home (residential care and respite care)
 - · Meet community needs
 - Are agreed to by the state or territory government and the Australian Government
 - Are co-located with a hospital or health service (in most cases)



Australian Government -**Department of Health and Aged Care**

- Responsible for achieving the government's priorities for population health, primary healthcare, mental health, indigenous health and community participation in sports and recreation
- Administers programmes to meet the government's objectives in health infrastructure, regulation, safety and quality, health workforce, acute care, dental care, biosecurity and emergency response, including **MPS**



* Outcome and Success



Home care services provided

with 64% of MPS Managers reporting that their MPS delivers home care packages to community residents



Aged care services provided

with 16%* of MPS Managers reporting that their MPS serves as the sole aged care provider to community residents



Community health services provided

with the majority** of MPS serving as the main, or only, community care provider in town formerly offered by local councils

Source: Australian Government Department of Health and Aged Care (2022), Woods et al. (2019) Note: *Based on a sample size of 89 MPS (n=89) surveyed; **Based on 14 MPS used as case studies for the report



Stronger support networks developed for the elderly in regional communities through a "virtual village" aged care programme

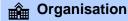




Source: Pingelly Somerset Alliance (2023)

Aged Care Model

- The Virtual Village aged care programme supports older people to have the choice to remain living at home, in the community they love and identify with, amongst family and neighbours that look out for them with access to the services they require until the end of life.
- The programme aims to enable the elderly to age well in place without feeling lonely, isolated or worried about how to cope as they age, no matter where they may choose to live.
- The village offers:
 - **Concierge services**: serves as a "centre manager" for a lifestyle village by promoting and supporting village activities, advocate for the members' healthy ageing, and serve as the centralised source of information for the residents in the village
 - Accommodation: in various forms of housing options to meet different elderly needs
 - **Special village technology:** to help with village operations to facilitate a better quality of life (E.g. GENIE tool, village website and SPARK mobile app)



Pingelly Somerset Alliance (PSA)

- A volunteer-run organisation overseeing the provision of community housing for the aged in Pingelly, Western Australia
- Started with the aim of ensuring that people did not need to leave Pingelly when they were too frail to live alone
- Funded by the Australian Government's Seniors Connected Programme to expand the Virtual Villages programme across other parts of Western Australia

* Outcome and Success

29%

volunteer rate

indicating a strong success and community engagement

98%

of surveyed residents satisfied

saying that retiring in the virtual village was what they wanted

\$377,750

government grant awarded

to promote further expansion across other parts of Western Australia as a result of the programme's initial success



Building skills of caregivers for dementia patients and providing support to rural areas and indigenous communities





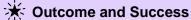
Aged Care Model

- · The Resources for Enhancing Alzheimer's Caregiver Health (REACH) is a caregiver skillbuilding program that provides services to help reduce stress and increase knowledge and self-esteem of caregivers
- The program addresses concerns related to dementia-related behaviours, home safety, selfcare, social support, and stress
- · A Dementia Care Specialist provides one-on-one monthly sessions, available in English or Spanish, over a six-month period at no cost to the caregiver
- The program aims to empower caregivers with skills and strategies to improve overall health, reduce stress, manage troubling behaviours, and delay long-term care placement

Organisation

The Alzheimer's Association

- The Alzheimer's Association is an organization dedicated to Alzheimer's care, support, and research
- Its mission is to lead efforts to end Alzheimer's and other forms of dementia by accelerating research, promoting risk reduction and early detection, and providing quality care and support





Improved skills

as caregivers undergo training to gain relevant skills and knowledge



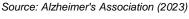
Caregiver satisfaction

to reduce caregiver depression and burden, and improve self-care, and social support



Greater outreach

providing rural and remote aged care and culturally safe care to Indigenous communities





4. | Key takeaways



Key takeaways



The ageing society in Thailand will impact across industries and societies



There is an opportunity (and a responsibility) for us all to support addressing the needs and issues that arise



Digital tools and technology will play a key role in addressing these needs



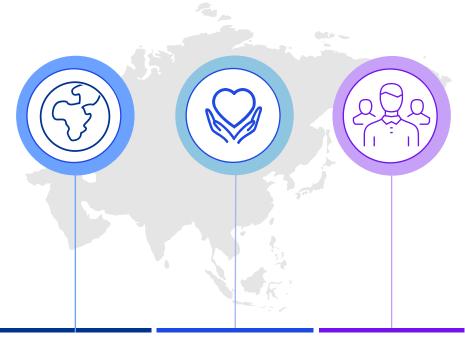
Businesses should be exploring the relevance of this to their strategies and how they should be reacting now



There are great capabilities overseas that can be brought into Thailand through partnerships or investments to help us address these challenges



Our aged care and health capability



global network that supporting the aged a 46 countries spans and allows us to connect our clients to the latest sector trends occurring internationally.

better outcomes for the with over 130 staff. wellbeing of all Thais.

Our team is part of a We are committed to In ASPAC, KPMG has national team care and health sector focused specifically on and have the shared the Health, Ageing and purpose of achieving Human Services sector

We provide a range of services to Aged Care clients:



Policy Advisory



Program Design and Evaluation



Leadership and **Organisational Strategy**





Technology Strategy



Implementation and **Solutions**



Data & Analytics





Internal / External **Audit & Tax**



Cost Optimisation and Procurement



Transactions and **Funding**



Real Estate Advisory



Risk and Compliance









5. Q&A

Please give us the feedback to improve our services.





KPMG in Thailand

THRIVE WAGAZINE

Issue 01



KPMG in Thailand's new publication

THRIVE Magazine

Highlight contents

- Exclusive insights: Accelerating transformation with Deals
- Feature interviews:

 In conversation with KPMG's
 Deal Advisory Head and
 a specialist Legal M&A Partner





Some or all of the services described herein may not be permissible for KPMG audit clients and their affiliates or related entities.

KPMG in Thailand

48th-50th Floor, Empire Tower 1 South Sathorn Road Bangkok 10120

















kpmg.com/th

The information contained herein is of a general nature and is not intended to address the circumstances of any particular individual or entity. Although we endeavor to provide accurate and timely information, there can be no guarantee that such information is accurate as of the date it is received or that it will continue to be accurate in the future. No one should act on such information without appropriate professional advice after a thorough examination of the particular situation.

© 2024 KPMG Phoomchai Business Advisory, Ltd., a Thai limited liability company and a member firm of the KPMG global organization of independent member firms affiliated with KPMG International Limited, a private English company limited by guarantee. All rights reserved.

The KPMG name and logo are trademarks used under license by the independent member firms of the KPMG global organization.

Document Classification: KPMG Public