

Alliance for Action for Caregivers of Persons with Disabilities

**Project 3i** 

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## **Scope of presentation**

• Background to SG Together Alliance for Action

(AfA) for Caregivers of Persons with Disabilities

- Project 3i & Proof-of-concept
- Upscaling plans & Future

## **Disability - Prevalence and Disease burden**



## **In Singapore**

Overall (including mental disorders/poor mental health & invisible disabilities) = 19% (760,000) → similar to US & Europe

https://cfps.org.sg/publications/the-singapore-family-physician/article/2009\_pdf

https://doi.org/10.33591/sfp.49.8.u6

Groups	Ages	Visible <sup>6</sup>	Invisible <sup>7</sup>	Psychosocial	Total
Children 8 vouth	0-4	5000 (3%) <sup>1</sup>			95,600
& youth	5-19	13,000 (2.1%) <sup>2</sup>	27,000(4.4%) <sup>3</sup>	50,600 <sup>4</sup> (12%)	
Adults	20-49	59,000 (3.4%) <sup>2</sup>		405,500⁵ (13.4%)	664,500
	>50	200,00 (13.3%) <sup>2</sup>		(13.4%)	
	Total	277,000	27,000	456,100	760,100

<sup>1 & 5</sup> MOH ; <sup>2</sup> Enabling Masterplan 2017; <sup>3</sup> MOE; <sup>4</sup> NUS YEAR study
 <sup>6</sup>Visible Disabilities – Physical, Sensory, intellectual; Mod-severe Autism
 <sup>7</sup> Invisible Disabilities – Developmental



Source: Global Burden of Disease data, 2021

- Dependent- related caregiving challenges
  - Difficulties navigating the complex and confusing Disability service landscape
  - High caregiving burden
  - Lack of respite support and adult services
- Unmet Caregiver needs
  - Impact on psychological well-being and physical health; lack of self-care
  - Reduction in financial resilience; financial needs
  - Lack of knowledge and skills in caregiving
- Impact on Families
  - Strained family relationships and weakened social support
  - Increased prevalence of marital discord and family violence

# Caregiver needs care too

### Alliance for Action (AfA) for Caregiver of Persons with Disabilities

#### 2017-2021

#### 2018-2021

#### 2021

#### **GROUND FEEDBACK**

Strengthening support for caregivers of PWDs also highlighted during Emerging Stronger Conversations & Conversations on Singapore Women's Development

#### FOCUS

Ride on Caregiver Action Map developed by SG Enable, Coalition of Partners (COP) & IPS, with focus on developing solutions related to *self-care and mutual support* 



#### CONCEPTION

Formation of AfA by NCSS and SG Enable for caregivers of persons with disabilities announced during COS 2021

## **AfA Implementation**



#### **KEY PROJECTS**

- **Project 3i** led by CaringSG, to pilot model of community and peer support for caregivers
- Community Circles co-led by IPS & CaringSG to rally and connect groups of volunteers to caregivers to offer practical support in daily lives



#### STRUCTURE

- Led by SG Enable & NCSS
- Co-chaired by CaringSG & ODGSW
- Driven by a **Core Action Team**, with representatives from 3P partnership to contribute expertise and networks

#### **Collaborations & Sharing**

- Insights & best practices sharing among SSAs and private providers to uplift the sector
- Other interested organisations & members of public contribute as collaborators/partners to AfA projects

# CaringSG





A caregiver-led initiative for caregivers of persons with disabilities, set up in **2020**. CaringSG is a registered charity and IPC (since 2023). We support caregivers of all disabilities across all ages.



Board supported by **3** advisors: Mdm Rahayu Mahzam (Minister of State, MOH & MDDI), Mayor Denise Phua, Dr Gerard Ee

**Community Pillars:** 



>45 caregiver leaders and advocates that work through an informal caregiver support network with reach of >8000 caregivers; 5300 members & 4100 registered caregiver members to date 

>400 volunteers & >50 professional allies







Ms Denise Phua

Dr Gerard Ee Hock Kim

Ms Rahayu Mahzan







https://www.caring.sg

X





Respect

Inclusive

Compassion

#### **Every Caregiver** Well & Empowered

CaringSG is a registered charity and Institution of Public Character (IPC) set up by caregivers for caregivers of person with special needs.

JOIN US TODAY!



+

Partnership

Innovative

# **3i caregiver support service model**

**Project 3i of AfA for Caregiver Support** 



# **3** Caregiver support service model

### Integrative

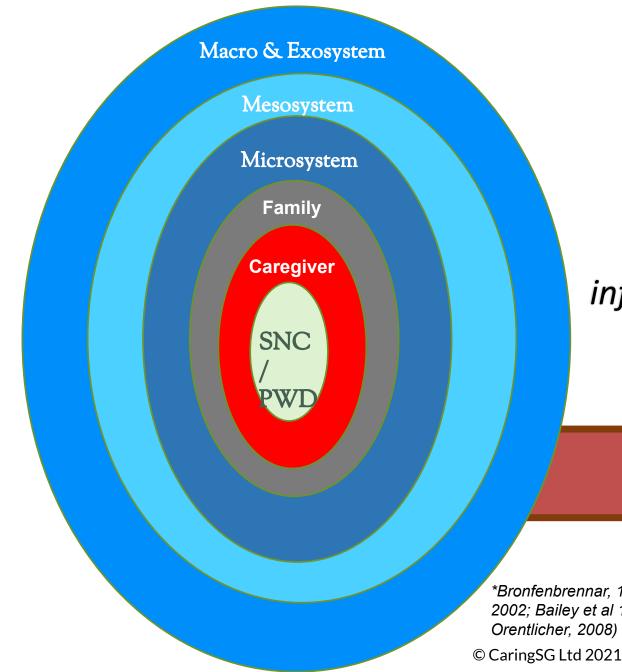
- bio-psycho-ecological approach
- Social-health service integration

## Individualized

- Personalised
- Family-centered
- Community-based

## Impact-focused

- Outcome-driven
- Build synergy with partners for greater SROI





## Bio-psycho-ecological approach

Importance of informal and formal support systems & life-course approach

 $\rightarrow changes over time$ 

\*Bronfenbrennar, 1979, Barnett, Clements et al, 2003; Valentine, 1993; Dunst et al, 1990, 1994, 1996, 2002; Bailey et al 1987, 1993, 1998, 2006; Weisner, Matheson et al 2005; Holburn 2001; O'Brien 2004; Orentlicher, 2008)

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# Determinants of caregiving quality and caregiver outcomes



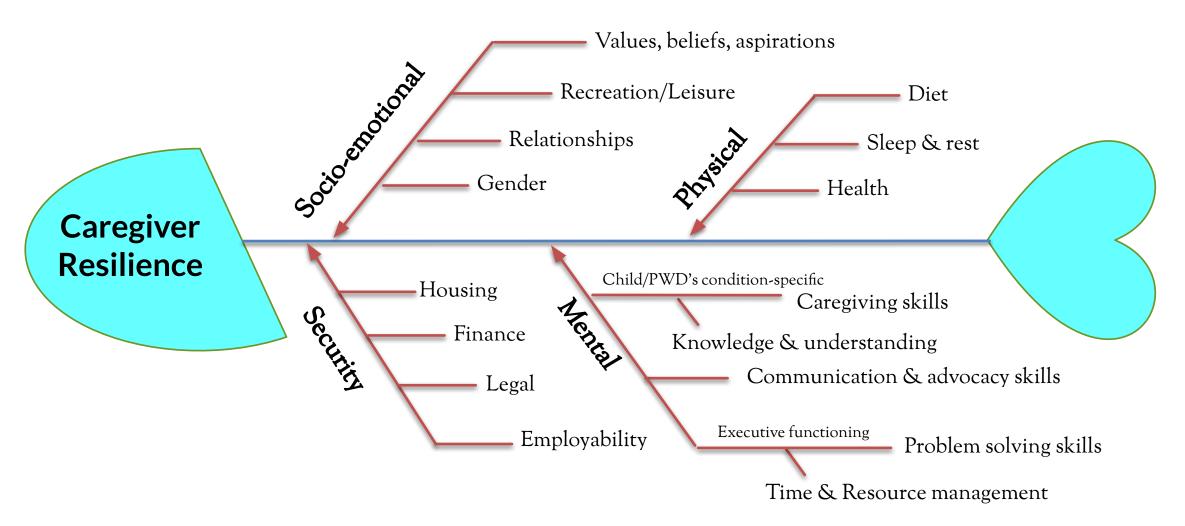
synergistic partnership
(access, support, participation)
Caregiver Resilience × Ecosystem Support < Caregiving Burden
→ Poor caregiving and caregiver outcomes (e.g. Stress, sick, burn-out caregivers)</pre>

Caregiver Resilience x Ecosystem Support > Caregiving Burden

 $\rightarrow$  Good caregiving and caregiver outcomes (e.g. Happy, healthy, able caregivers)

## **Determinants of caregiver resilience**





## **Caregiver resilience changes over life-course**



Child/PWD's age (year)	Caregiver's age (yr)	Socio-emotional/ Family	Physical	Mental	Material
Birth – 7 (pre-school)	25 - 35	Young family; couples adjusting to each other	Energetic & healthy	Learn fast	Starting career; amassing assets
7 – 12 (Childhood)	30 - 45	Settling into middle-age; marital issues	Slowing down	Slowing down	Career stabilising
13 – 19 (Teenage/ young adult)	40 - 60	Mid-life crisis; sandwich generation	Starting to experience health issues	Slowed down	Career peaked/ Risk of retrenchment
19 – death (Adulthood/ Ageing)	55 – death	Retirement; End-of life planning; Anticipatory anxiety	Health issues set in	Plateau/ Burn-out	Steady/declining state

## **Caregiving burden also changes over life-course**

### Changing needs of SN child & PWD

#### <u>Cradle - 7 yr</u>

- Detection & diagnosis of disability
- General child health
- Early childhood education
- Early intervention
- Parenting

#### <u>7 - 19 yr</u>

- Detection & diagnosis of disability
- General health, mental health, puberty & sexuality
- Education & vocational training
- Sibling & family relationship

#### <u> 19 - 40 yr</u>

- Employability
- Housing & living
- Relationship & family
- Health issues early onset of chronic diseases, secondary complications & mental issues
- Legal (Deputyship)
- Financial

#### <u>40 - grave</u>

- As above
- Early dementia & aging
- Planning for care transition (Caregiver demise)
- Advance Care Planning



# Support for caregivers & our Best supports are

- Timely
- Customized to PWD & Caregiver's individual needs
- Family-centred (microsystem home-based and help daily routines)

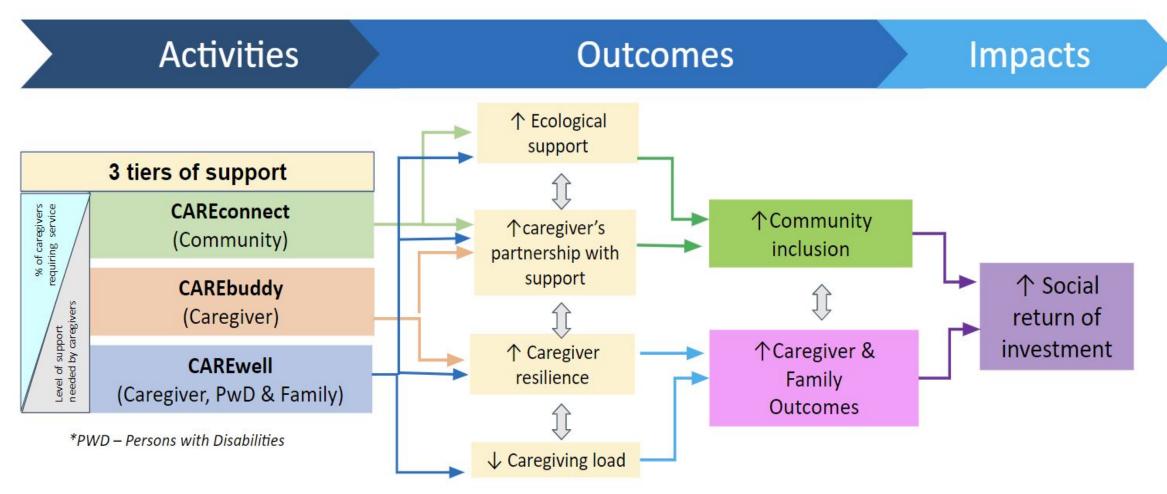
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- Community-based (mesosystem neighbourhood)
- Outcome-focused (empowering)
- Throughout life-course (cradle to grave)

## **3i** Caregiver Support Service Model



integrative individualized intentional



# **3i Caregiver Support Service model**



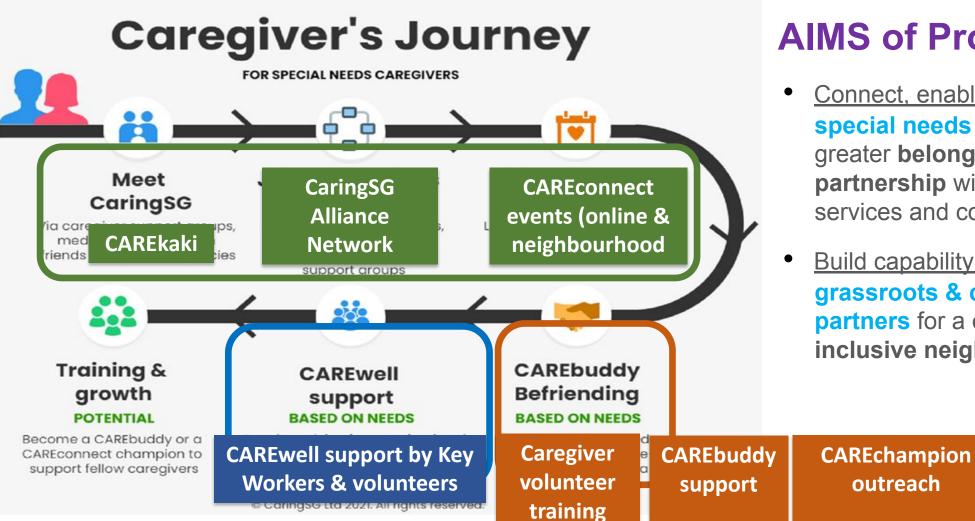


### **AIMS of Project 3i**

- <u>Connect, enable and empower</u>
   <u>caregivers of persons with</u>
   <u>disabilities</u> for a greater
   <u>belonging, growth</u>, and
   <u>partnership</u> with mainstream
   services and community partners
- <u>Build capability of</u> grassroots & community partners for a caring and inclusive neighborhood

# **3i Caregiver Support Service model**





**AIMS of Project 3i** 

- Connect, enable and empower special needs caregivers for a greater belonging, growth, and partnership with mainstream services and community partners
- Build capability of grassroots & community partners for a caring and inclusive neighborhood

## **Implementation of Project 3i**





## **Evaluation of Project 3i**

	3i-TOC domains							
Measurement tools	Ecological support (A) - quantity and level of support after access & utilisation	Caregiver-Ecosyst em partnership (B) -opportunity to access & utilisation	Caregiver resilience (C) - emotional health, physical health, knowledge/skills/ efficacy/mastery, security	Caregiving load (D) - frequency, level of needs, types of disability/needs; role strain; personal strain	Caregiver outcome (E) - attitude & behaviour, QOL - wellbeing/QOL	Family outcome (F)	Community Inclusion (G)	Programme
Social Impact Measurement (SIM) toolkit	ltem 2 (OC3)	ltem 1,3,5,7 (OC3 &4)					ltem 4,6,8 (OC4)	CAREconnect
Zarit Burden Interview (ZBI)				yes				CAREwell
Carer Wellbeing and Support Questionnaire (CWS)			yes	yes	yes			CAREwell CAREbuddy
Family Outcome survey (FOS)	yes	yes	yes			yes	yes	CAREwell CAREbuddy
WHOQOL-BREF	yes	yes	yes		yes			CAREwell



## Impact of CAREconnect

#### CAREconnect

provides holistic caregiver support by helping caregivers to find support groups among the CaringSG Alliance Network, organisation of CAREconnect events, and volunteer training of grassroots and public to outreach and support caregivers and persons with disabilities.

<b>~1,700</b> Caregivers connected to s	support group		
~4,200 CaringSG webinar particip	pants		
~2,000 CaringSG event participar	nts (online, hybrid	or physical)	
~3,300 National event participant	s (co-organised	by CaringSG)	
~4,000 Community outreach touc	chpoints by grass	roots and caregive	er volunteers
1000	2000	3000	4000
92%	8	82%	78%
of caregiver	•	er participants	of caregivers wo
participants at		REconnect	recommend
CAREconnect physical events agreed that the		<b>s</b> agreed that on was helpful	CAREconnect inclusive events
event helped them to		ng to care for	fellow caregive
feel more included in		d/dependent	-3
their neighbourhood	b	better	

## 24 webinars

73 CAREconnect events

**1 CAREconference** 

### **3 CAREcarnivals**

5000



## Impact of CAREconnect

# CAREconnect events & CAREcarnivals

Social Impact Measurement Toolkit	Before event	After event	
Outcome 3 – Increased knowledge of available care and support for caregivers of person with disability	mean (N= 97)	mean (N= 97)	p-value
How would you rate the level of support available to help you access information to plan and make informed decisions?	3.67	4.03	<0.001*
How would you rate the information available to you to help you plan and make informed decisions?	3.66	4.00	<0.001*
Outcome 4.1 – Increased level of participation in social life by caregivers of person with disability	mean (N= 229)	mean (N= 229)	p-value
How would you rate your opportunity to participate in social life?	3.62	3.98	<0.001*
How would you rate your level of participation in social life?	3.60	3.96	<0.001*
Outcome 4.2 – increased level of participation in family life by caregiver of person with disability	mean (N= 211)	mean (N= 211)	p-value
How would you rate your opportunity to participate in family life?	3.70	4.03	<0.001*
How would you rate your level of participation in family life?	3.72	4.02	<0.001*
Outcome 4.4 – increased level of participation in community life by person with disability	mean (N= 230)	mean (N= 230)	p-value
How would you rate your opportunity to participate in community life?	3.57	3.99	<0.001*
How would you rate your level of participation in community life?	3.55	3.96	<0.001*

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# CaringSG Webinars & CAREconference

Social Impact Measurement Toolkit	Before Webinar	After Webinar	
Social Impact Measurement Toolkit	mean (N= 332 )	mean (N= 332 )	p-value
Outcome 3 – Increased knowledge of available care and support for caregivers of person with disability			
How would you rate the level of support available to help you access information to plan and make informed decisions?	3.29	4.02	<0.001*
How would you rate the information available to you to help you plan and make informed decisions?	3.36	4.10	<0.001*





## **Connecting with community through CAREconnect**



Agency types	No.
Caregiver groups	13
Private	68
Professional bodies	2
Public institutions, Schools, government bodies	51
Social Service Agencies	38
Total	172

Social Impact Measurement Toolkit	Before joining as CAN member	After joining as CAN member	p-value
	mean (N= 292 )	mean (N= 292 )	
Outcome 3 – Increased knowledge of available care and support for caregivers of persons with disabilities			
How would you rate the level of support available to help you access information to plan and make informed decisions?	2.96	3.64	<0.001*
How would you rate the information available to you to help you plan and make informed decisions?	3.05	3.67	<0.001*
Outcome 4.4 – increased level of participation in community life by caregivers of persons with disabilities			
How would you rate your opportunity to participate in community life?	2.96	3.57	<0.001*
How would you rate your level of participation in community life?	2.90	3.49	<0.001*



## Impact of CAREkaki



CAREkaki Training survey	% Agree/Strongly Agree mean (N= 48)
Program structure was good	95.8
Instructor(s) created an effective training experience	95.8
Instructor(s) was clear in their delivery	95.8
Instructor(s) was well prepared for the workshop	95.8
Instructor was knowledgeable of the subject matter	100.0
Course content was easy to understand	95.7
Course content was relevant to my role	89.4
The visual aids were used effectively	93.8
Role plays were useful	83.0
Group discussions were useful	95.7
Class activities were useful	95.7
I gained useful knowledge and skills in supporting caregivers	93.8
I can better recognize someone who may be having a disability / special needs	97.9
I am more confident of helping someone with disability / special needs	97.9
I feel more comfortable in dealing with someone with disability / special needs	95.8

6 constituencies 3649 touchpoints by CAREkaki 287 touchpoints by CAREchampions

- Boon Lay
- Telok Blangah
- Nanyang
- Kampong Glam
- Bukit Batok East
- Pioneer

#### **Over 81 Grassroots Volunteers Trained as CAREkaki**

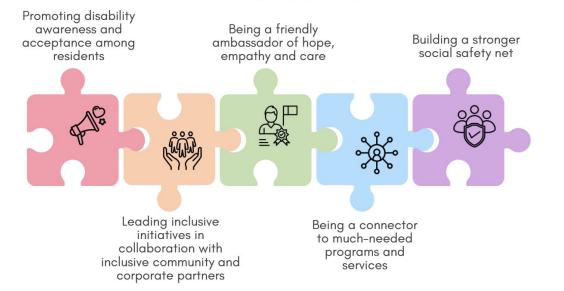


of Grassroots volunteers gained new knowledge and are more confident of helping someone with disability or special needs



of Grassroots volunteers are more comfortable with dealing with this group of residents who have a care recipient with disability or special needs

#### EMPOWERED GRASSROOTS HELPS CAREGIVERS AND CARE RECIPIENTS IN THE NEIGHBOURHOOD BY



# Lessons from CAREconnect & CAREkaki programme

• Mode of CAREkaki training - need to be flexible to cater to individual grassroot needs

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- Matching offers to resident's needs Physical events versus House Visits
- GRO need administrative support
- Importance of leadership driver and systemic intervention
- Need for more effective and seamless data integration across key agencies

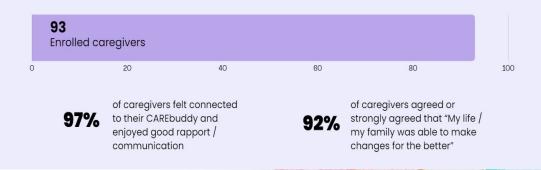
# Impact of CAREbuddy support



	Family Outcomes Survey	N	Mean Baseline rating	Mean closure rating	Paired t-test p-value
Out (N=	come 1: Understanding your dependent's strengths, needs, and abilities 50)	62	3.31	3.75	0.0003
Out	come 2: Knowing your rights and advocating for your dependent	62	2.85	3.65	<0.0001
Out	come 3: Helping your dependent develop and learn	62	2.80	3.45	<0.0001
Out	come 4: Having support systems	62	2.77	3.25	<0.0001
Out	come 5: Accessing the community	62	3.07	3.46	0.0009
	Carer Well-being		Mean Baseline rating	e Mean closure rating	Paired t-test p-value
em	During the past 4 weeks, how concerned were you about				
11	Reaching 'breaking point' where you feel you can't carry on with things as they are?	62	2 2.89	3.39	0.0105
	Your relationship with family and friends:	62	2 2.70	3.14	0.0022
13	Drifting apart from family and friends because your caring responsibilities limit the time available to keep in contact with them?	62	2 2.65	3.00	0.0348
14	Feeling isolated and lonely because of the situation you are in?	62	2.39	2.94	0.0017
15	Not getting the support you need from family and friends?	62	2 2.74	3.27	0.0003
	Your physical health:	62	2 2.85	3.19	0.0375
20	Your caring role making your physical health worse?	62	2 2.94	3.31	0.0323
	Your emotional health:	62	2 2.87	3.25	0.0036
21	Being unable to cope with the constant anxiety of caring?	62	2 2.45	3.00	0.001
22	Feeling depressed?	62	2.85	3.19	0.0494
23	Being unable to see anything positive in your life?	62	3.11	3.60	0.0034
24	Lack of sleep brought about through worry or stress?	62	2 2.74	3.16	0.0076
	The safety of the person you care for:	62	3.49	3.93	0.0033
31	Getting themselves into dangerous situations?	62	3.18	3.79	0.0004
32	Relapsing or deteriorating such that it puts their safety at risk?	62	3.44	3.89	0.0094
	General well-being	62	2		
33	Overall, how would you rate your general well-being, during the past 4 weeks?	62	2 1.55	1.92	0.0007
	Total Questionnaire Score	62	94.23	103.56	0.0034

#### CAREbuddy

is a peer support service for caregivers of persons with disabilities by fellow caregiver volunteers who were trained by CaringSG

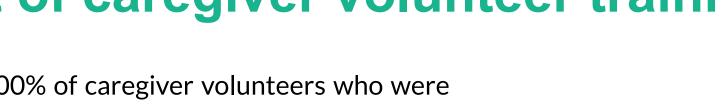


#### 810 touchpoints by CAREbuddy

- 78% of caregiver beneficiaries found the CAREbuddy programme to be a safe space to share their thoughts and concerns.
- 93% would recommend the programme to other caregivers, and the net promoter score was very high at 52%.
- 83% of caregivers felt more confident and competent as a caregiver after the CAREbuddy support.

# Impact of caregiver volunteer training

- 85% to 100% of caregiver volunteers who were trained gave favourable ratings for caregiver volunteer training programme in terms of programme content, delivery mode and trainer quality.
- 97% of caregivers who received the training recommended the course to other caregivers, and the net promoter score was very high at 59%.
- 85% to 100% of Caregiver volunteers reported gaining caregiving knowledge and skills, as well as knowledge, skills and confidence to support fellow caregivers effectively.



#### **Caregiver Volunteer Training**

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equips caregiver volunters with knowledge and skills to support a fellow caregiver emotionally, as well as outreach to caregivers in CAREconnect events.



# Lessons from CAREbuddy programme & Caregiver volunteer

- team CAREadvisory team
  - CAREbuddy need community of practice & CAREwell's professional support
  - Caregiver volunteer training need constant and targeted caregiver group engagement to recruit caregiver volunteers
  - Male caregivers may prefer support through participation in events and activities than through 1-to-1 communications

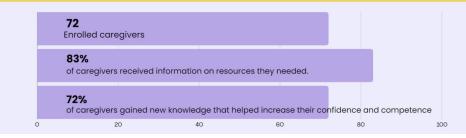


## Impact of CAREwell



#### CAREwell

is a professional support service by a transdisciplinary Key Worker to help caregivers achieve better emotional and mental wellness, improve caregiving ability, and to navigate and access appropriate services effectively



WHOQoL-BREF Domain	Transformed baseline score (N=19)	SD	Transformed closure score (N=19)	SD	Paired t-test p-value
Physical health	75.16	12.62	79.79	16.84	0.1498
Psychological	68.00	13.86	72.42	13.85	0.0534
Social relationship	30.53	12.45	32.84	12.90	0.3306
Environment	99.37	23.67	99.37	24.41	1.0000

Items	Zarit Burden Interview (6-items)	Mean Baseline rating (N=19)	Mean closure rating (N=19)	Paired t-test p-value
2	You don't have enough time for yourself?	3.74	3.47	0.2048
3	Stressed between caring and meeting other responsibilities?	3.84	3.63	0.3597
6	Your dependent affects your relationship with others in a negative way?	2.95	2.68	0.3098
9	Feel strained when you are around your dependent	3.16	3.05	0.6301
10	Health has suffered because of your involvement with your dependent	2.84	2.68	0.4818
17	You have lost control of your life since your dependent's illness?	2.89	2.95	0.8585
	Total 6-item score	19.42	18.47	0.4011

Family Outcomes Survey	Mean Baseline rating (N=33)	Mean closure rating (N=33)	Paired t-test p-value
Outcome 1: Understanding your dependent's strengths, needs, and abilities (N=60)	3.20	3.61	0.0067*
We know the next steps for our dependent's growth and learning. (N=62)	2.88	3.27	0.0256*
We understand our dependent's strengths and abilities. (N=62)	3.18	3.67	0.0212*
We understand our dependent's delays and/or needs. (N=62)	3.30	3.64	0.0464*
We are able to tell when our dependent is making progress. (N=60)	3.45	3.88	0.0061*
Outcome 2: Knowing your rights and advocating for your dependent	2.76	3.27	0.0006*
We are able to find and use the services and programs available to us.	2.61	3.21	0.0001*
We know our rights related to our dependent's special needs.	2.67	3.30	0.0031*
We know who to contact and what to do when we have questions or concerns.	2.70	3.30	0.0019*
We know what options are available when our dependent leaves the program.	2.24	2.97	0.0005*
Outcome 3: Helping your dependent develop and learn	2.73	3.14	0.0052*
We are able to help our dependent get along with others.	2.64	3.03	0.0403*
We are able to help our dependent learn new skills.	2.79	3.18	0.0352*
We are able to help our dependent take care of his/her needs.	2.88	3.27	0.0352*
We are able to work on our dependent's goals during everyday routines.	2.61	3.09	0.0005*
Outcome 4: Having support systems	2.70	3.14	0.0035*
We are comfortable talking to family and friends about our dependent's needs.	3.00	3.55	0.0021*
We are able to talk with other families who have a dependent with similar needs.	2.61	3.12	0.0356*
We have friends or family members we can rely on when we need help.	2.64	3.00	0.0209*
I am able to take care of my own needs and do things I enjoy.	2.39	2.82	0.0139*
Outcome 5: Accessing the community	2.93	3.10	0.2562
Our dependent participates in social, recreational, or religious activities that we want.	2.18	2.70	0.0244*
We are able to do things we enjoy together as a family.	2.52	2.94	0.0244*

## Lessons from CAREwell programme

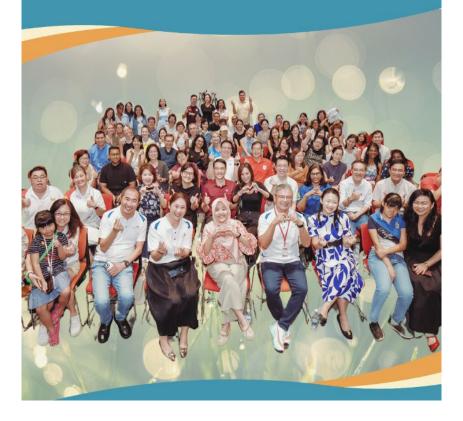
- caregivers and families served by CAREwell program are very complex and high needs
- systemic gaps in the mainstream service landscape for post-18 group
- cliff-effect for caregivers at 7 years old need for upstream support to reduce downstream regression in persons with disabilities, burnout among caregivers and detrimental effect on family system.



# Proof-of-Concept Report

August 2021 - January 2024

Prepared for SG Enable





### CAREkaki CaringSG Programme IMPLEMENTATION GUIDE

Partnering Grassroots Organisations to Build an Inclusive Neighbourhood for Caregivers and Persons with Disabilities and Special Needs



# What's next

- Upscaling
  - CAREkaki & CAREconnect events to be upscaled to West Coast, Jurong Central & Tampines GRC in 2024-2026 in collaboration with Enabling Service Hub, supported by SG Enable
  - CAREbuddy programme to continue to reach out to 100 caregivers from 2024-2026 through systematic collaboration with Social Service Agencies, supported by SG Enable
  - CAREwell programme to continue serving high needs caregivers, persons with disabilities and families through support of President Challenge, AmberHeart Foundation & Rao Foundation
- Future
  - Need further action research into caregiver support programme
  - Need for integration of disability data across life course for better social-health service integration
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vimeo.com/caringsg

## How to refer to CaringSG

## **Self-referred**

- Register for membership at CaringSG website www.caring.sg
- Caregivers to indicate needs in registration form

## **Referral by Agencies**

- Download Referral form from CaringSG website <a href="https://caring.sg/contact/">https://caring.sg/contact/</a>
- Indicate caregiver's needs in referral form
- Email completed form to <u>referral@caring.sg</u>

