



**HAAL**

**AAL-2020-7-229-CP**

## Dissemination Report [Deliverable D5.5]

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## Versioning and contribution history

Version	Description	Comments
0.1	Vilans	First template in M6
0.2	Vilans	Updated in M16
0.9	Vilans	Updated/Check 2023
1.0	Vilans	Final version 10-05-2024

## Deliverable process schedule

No	Process step	Responsible	Timing	Comments
0.1	First Draft	Vilans	M6	First template
0.2	Update	Vilans	M16	Updated for MTR
0.9	Updates	Vilans	M19	Bob Hofstede
1.0	Final version	Vilans	10/05/2024	Final version (B.M. Hofstede, H.H. Nap)

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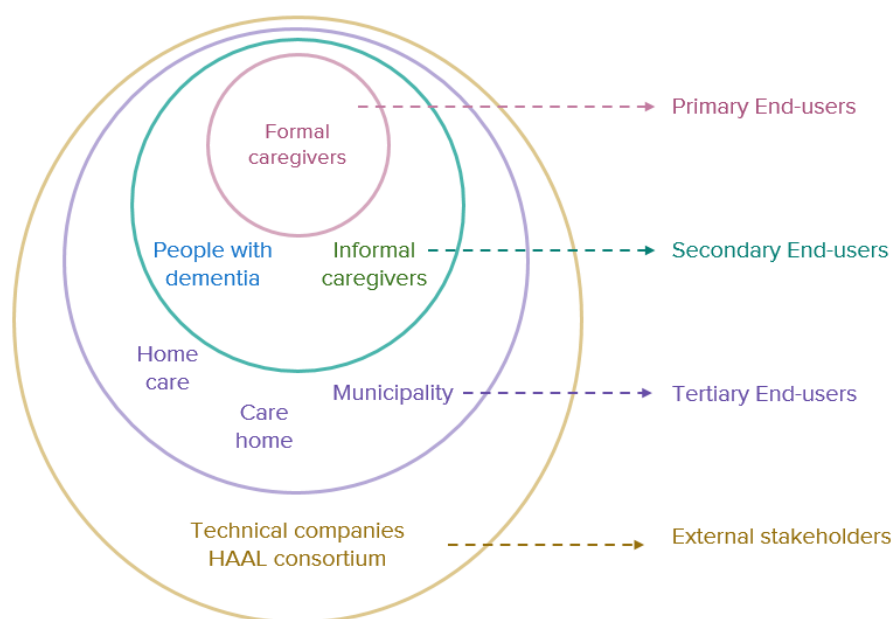
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# 1. Introduction

The dissemination report summarizes the dissemination activities and indicative coverage of the HAAL project for 2021-2024. We refer to the three calendar (annual) reports for the dissemination activities of the first, second and third year, D5.2 for the dissemination plan including key messages.

Based on the document Description of Work (DoW) and the WP5 work on business modelling (e.g., stakeholder analysis), target groups for commercialization & dissemination in HAAL were identified and the subjects and matters of dissemination. As the resources dedicated to dissemination are restricted, cost-effective ways were chosen to achieve a maximum of publicity for the project and its results. The first stakeholder classifications for HAAL are presented in Figure 1, Table 1 and Table 2 below, see also D2.1 & D5.6 for further analyses. In respect to the indicative coverage, in this deliverable a summary will be provided for certain target groups and what the intended coverage within HAAL was.

In the dementia care context for HAAL, user groups can be divided into three levels, see Figure 1. Primary end-users are people with dementia. The secondary end-users are informal caregivers or family members and care professionals. On the organisational level, the care community is the tertiary end-users because it is the major structure around dementia healthcare, which may differ per involved country (the Netherlands, Italy, and Taiwan). External stakeholders include technical stakeholders and the HAAL consortium members because their collaboration and comprehension in the HAAL direction has an immense influence on the outcome. And the researcher was also identified to be one stakeholder in this co-design.



**Figure 1. HAAL stakeholders include three levels of end-users and external stakeholders**

**Table 1. Stakeholders Classification**

Category	Target Group
<b>End Users</b>	People with Dementia
	Informal caregivers
<b>End Users</b>	User associations
	Caregivers' associations
<b>End Users</b>	Professional carers
<b>Enterprise and policymaker</b>	Local authorities and national/regional public bodies
	European commission
	Insurances
<b>Enterprise and policymaker</b>	Manufacturers
	Suppliers
	System integrators
	Vendors
	Service providers
<b>Scientific community</b>	AAL community
	Researchers
	Civil society organisations

**Table 2**

Roles of stakeholders in the co-design series in the HAAL project

Stakeholders	Roles in the co-design series
<b>People with dementia</b>	<ul style="list-style-type: none"> <li>• Validating the concept of ageing at home</li> <li>• Giving emotional and experiential feedback on the ecosystem</li> <li>• Giving emotional and experiential feedback on the platform</li> <li>• Suggesting or expressing what they think might be better</li> <li>• Finding a comfortable spot for themselves</li> </ul>
<b>Informal caregivers</b>	<ul style="list-style-type: none"> <li>• Validating the concept of ageing at home</li> <li>• Giving emotional, functional and qualitative feedback on the ecosystem</li> <li>• Giving emotional, functional and qualitative feedback on the platform</li> <li>• Suggesting or co-designing</li> <li>• Finding a comfortable spot for themselves and their cared person</li> </ul>
<b>Care professionals</b>	<ul style="list-style-type: none"> <li>• Recruiting older adults and caregivers for participation in HAAL</li> <li>• Generalising and finding compromises on visionary concepts</li> <li>• Giving individual opinions on technology adoption</li> <li>• Giving emotional and experiential feedback on the platform</li> <li>• Representing of the informal/formal caregivers</li> </ul>

<b>Care community</b>	<ul style="list-style-type: none"> <li>• Recruiting formal caregivers or case managers for participation in HAAL</li> <li>• Generalising and finding compromises on visionary concepts</li> <li>• Giving organisational opinions on technology adoption</li> <li>• Representing of the informal/formal caregivers</li> </ul>
<b>Technical stakeholders</b>	<ul style="list-style-type: none"> <li>• Ensuring feasibility</li> <li>• Supporting on the developing features (in case of changes and adaptation according to new user requirements)</li> </ul>
<b>HAAL consortium</b>	<ul style="list-style-type: none"> <li>• Understanding the results from all co-design session</li> <li>• Sharing their experience and knowledge on their specialisations</li> <li>• Developing the direction of the integration solutions</li> </ul>
<b>Researchers</b>	<ul style="list-style-type: none"> <li>• Facilitating several sessions</li> <li>• Sharing results and knowledge from one group to another</li> <li>• Representing the non-participating end-users in the sessions</li> <li>• Prompting non-functional questions</li> </ul>

## 2. Overview of Dissemination Activities

### IMPACT AND AWARENESS ACTIVITIES



**Please indicate if the project will produce/achieve or has produced/achieved anything of special interest for the AAL JP (e.g. a project event, press releases, publications, patents, demonstrators, etc.).**


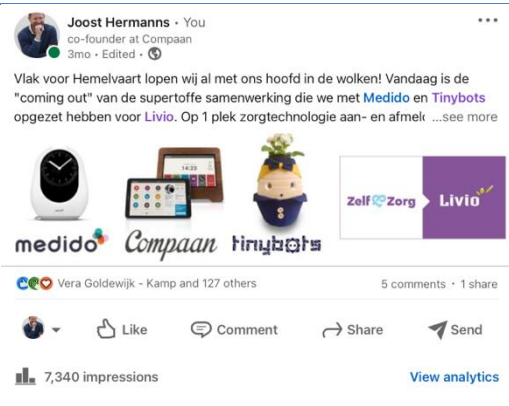
Participant	Activity	Date	Medium and reference (press, event, newsletter, webpage, etc.)	Indicative coverage
YZU	Meaningful tryout & MoSCoW analysis	February 2021	Workshop	20
YZU	(eng)aging! 2021 Virtual Conference - Technologies for Active and Independent Living in Old Age	February 2021	Plenary speech	>200
VIL	News item on web-site	March 2021	<a href="https://www.vilans.org/item/stronger-health-eco-systems-for-people-with-dementia/">https://www.vilans.org/item/stronger-health-eco-systems-for-people-with-dementia/</a>	1300
VIL	Key-note (online) presentation NL during JAIN Challenge Final (NL)	April 2021	Presentation	>500
YZU	Gerontechnology Conference – Lingnan University, Hong Kong	April 2021	Plenary speech	>200
VIL/YZU	ACAP Gerontechnology, Hong Kong	May 2021	Presentation / Key-Note	>1000
VIL	Recruiting flyers for Dutch care organisations	April 2021	Flyer	20
VIL	College AcademieNieuweZorg	June 2021	MasterClass	15
VIL	News item on web-site	June 2021	<a href="https://www.vilans.org/project/haal-healthy-ageing-eco-system-for-people-with-dementia/">https://www.vilans.org/project/haal-healthy-ageing-eco-system-for-people-with-dementia/</a>	1000
VIL	Workshop Ons Tweede Thuis	June 2021	Workshop	>20
VIL	Master's Thesis at University of Twente and Polytechnic University of Madrid	July 2021	Msc Thesis	1008
VIL	News item on web-site	August 2021	<a href="https://www.vilans.org/item/haal-strengthens-co-creation-with-new-website/">https://www.vilans.org/item/haal-strengthens-co-creation-with-new-website/</a>	900



<b>UNIVPM</b>	2021 International Conference on Future Healthcare and Economic Development, Digital Healthcare Revolution Post-COVID-19, Taiwan September 2021, with a work entitled: "Aging well in living environment"	September 2021	<a href="https://partnership.itb.ac.id/%E3%80%902021-international-conference-on-future-healthcare-and-economic-development%E3%80%90digital-healthcare-revolution-post-covid-19%E3%80%91/">https://partnership.itb.ac.id/%E3%80%902021-international-conference-on-future-healthcare-and-economic-development%E3%80%90digital-healthcare-revolution-post-covid-19%E3%80%91/</a>	<b>&gt; 100</b>
<b>YZU</b>	Co-design session for formal caregivers	September 2021	Workshop	<b>20</b>
<b>YZU</b>	Co-design session for people with dementia	September 2021	Workshop	<b>23</b>
<b>NCKU</b>	2021 International Conference on Future Healthcare and Economic Development	September 2021	Conference	<b>&gt;100</b>
<b>SLG</b>	Five Co-design workshops	Sep – Oct 2021	Presentation/Posters	<b>63</b>
<b>NCKU</b>	News in NCKU <a href="https://news-secr.ncku.edu.tw/p/406-1037-228641,r81.php">https://news-secr.ncku.edu.tw/p/406-1037-228641,r81.php</a>	October 2021	News	
<b>NCKU</b>	2021 International Conference on Future Healthcare and Economic Development—Smart Healthcare and Medical Innovation for the New Normal	November 2021	Conference	<b>&gt;100</b>
<b>YZU</b>	Co-design session for informal caregivers	September 2021	Workshop	<b>8</b>
<b>YZU</b>	The 5th International Gerontechnology Expo & Forum (IGEF 2021),	October 2021	Plenary speech	<b>200</b>



	Korea			
<b>VIL</b>	Workshop Datadriven care	October 2021	Workshop	<b>10</b>
<b>VIL</b>	News item on web-site	October 2021	<a href="https://www.vilans.org/item/care-workers-test-haal-technologies/">https://www.vilans.org/item/care-workers-test-haal-technologies/</a>	<b>800</b>
<b>UNIVPM</b>	2021 International Conference on Future Healthcare and Economic Development, Smart Healthcare and Medical Innovation for the New Normal, Taiwan November 2021, with a work titled: "the role of measurement in precision healthcare"	November 2021	<a href="https://cia.wu.ac.th/2021-international-conference-on-future-healthcare-and-economic-development-smart-healthcare-and-medical-innovation-for-the-new-normal/">https://cia.wu.ac.th/2021-international-conference-on-future-healthcare-and-economic-development-smart-healthcare-and-medical-innovation-for-the-new-normal/</a>	<b>&gt; 100</b>
<b>YZU</b>	MoSCoW analysis	November 2021	Workshop	<b>20</b>
<b>YZU</b>	The 3rd International Home Care Congress, Istanbul, Turkey	November 2021	Plenary Speech	<b>200</b>
<b>YZU</b>	APEC Conference on Urbanization, Population Aging and Technology Innovation	November 2021	Plenary Speech	<b>200</b>
<b>SLG</b>	Online exhibition introducing HAAL care technologies	Dec 2021- Feb 2022	<a href="https://silver-linings-global.mailchimpsites.com/technology">https://silver-linings-global.mailchimpsites.com/technology</a>	<b>&gt;2500</b>
<b>VIL</b>	JAIN Mini-Symposium	December, 2021	Presentation - Nederlands Israëliësch Mini-Symposium over Al en Dementie Tickets, wo 22 dec 2021 om 11:00   Eventbrite	<b>80</b>
<b>YZU</b>	@TABLE Seminar, Aging & Technology (AT) Policy Lab, KAIST, Korea	January 2022	Presentation	<b>20</b>
<b>YZU</b>	eiHub On the Edge Talk, Monash University Malaysia	March, 2022	Presentation	<b>200</b>
<b>YZU</b>	The World JAIN Challenge, Netherlands	March, 2022	Presentation	<b>100</b>
<b>VIL</b>	NHG Congres	April, 2022	Presentation - Den Bosch	<b>2x 70</b>

VIL	Designing the 100-year Life in a Digital World	April, 2022		228
UNIVPM	PlatformUptake.eu & AAL Austria MATCHMAKING	April 2022	Presentation about the HAAL platform	> 40
VIL	CareTECH	May, 2022	Presentation - <a href="https://www.sbo.nl/zorg/congres-caretech/">https://www.sbo.nl/zorg/congres-caretech/</a>	160
VIL	Alzheimer NL – 2 workshops	May, 2022	Presentation - Mix & Match	40
VIL	Metrology for Living Environment, Cosenza round table	May, 2022	<a href="https://www.metroenv.org/round-table">https://www.metroenv.org/round-table</a>	150
VIL	Zorgvernieuwing in Versnelling	May, 2022	Presentation	120
SLG	Webpage introducing HAAL project	May 2022	<a href="https://silverliningsglobal.com/services/">https://silverliningsglobal.com/services/</a>	
Compaan	Item on RTV OOST	May, 2022	<a href="https://www.youtube.com/watch?v=U3MRb75KRI4&amp;t=187s">https://www.youtube.com/watch?v=U3MRb75KRI4&amp;t=187s</a>	100.000 viewers on linear TV, 50.000 online views
Compaan	<ul style="list-style-type: none"> <li>Post on TV item on Compaan Linked In: Personal Posts Joost Hermanns on TV item on Compaan</li> </ul>	May, 2022		1440 views, 22 interactions 1580 views, 30 interactions

Compaan	<ul style="list-style-type: none"> <li>Post on national potential of platform on Compaan</li> <li>Personal post on national potential of platform on Compaan</li> </ul>	May, 2022		6204 views, 32 interactions 3423 posts 70 interactions
Compaan	Press release on platform launch for Livio	May, 2022	Website (Compaan, Medido, Tinybots)	15.000 views
Compaan	<ul style="list-style-type: none"> <li>Post on introduction on platform launch</li> <li>Personal post on introduction on platform launch</li> </ul>	May, 2022		2323 views, 76 interactions 7338 views, 133 interactions
Compaan	Livio – primeur on cooperation & market Compaan, Tinybots & Medido	June, 2022	Presentation	150
Compaan	Livio – primeur on cooperation & market Compaan, Tinybots & Medido	June, 2022	Presentation	150
UNIVPM	Participation to the conference "IEEE International Symposium on Medical Measurements and Applications 2022"	June 2022	Presentation of the paper "Heterogeneous sensor network for the measurement of dementia progression and well-being: preliminary study"	100

YZU	Kangnam University, Korea	June, 2022	Presentation	50
VIL	Web-site	June, 2022	Updated web-site - <a href="https://www.haal-aal.com/">https://www.haal-aal.com/</a>	100
YZU	Web-site	June, 2022	Demonstration Dashboard - <a href="https://designer.mech.yzu.edu.tw/?fbclid=IwAR1dcyKBby2ECfnwUmNjTpFaIglU5VuAY3bxL2mxA4T7dgbY7aDBsoRa9M">https://designer.mech.yzu.edu.tw/?fbclid=IwAR1dcyKBby2ECfnwUmNjTpFaIglU5VuAY3bxL2mxA4T7dgbY7aDBsoRa9M</a>	20
VIL	Dementiezorg voor Elkaar	June, 2022	Presentation Online (2x)	90
VIL	Nieuwe Generatie Ouderenzorg	June, 2022	Presentation	110
VIL	Co-Design met AI - DDAI2022	June, 2022	Presentation DDAI2022 in Eindhoven	100
YZU	e-TRaining In Gerontology and GERiatrics (e-TRIGGER)	August, 2022	Presentation	80
Silver Linings Global/YZU	Workshop with New Taipei City	August, 2022	Presentation	60
VIL	Case study presentation about The Socio-Material Assemblages of Algorithmic Ageing	September, 2022	Presentation and panel session at ENAS & NANAS joint conference (online) on Narratives and Counter Narratives of Aging and Old Age: Reflexivity in Aging Studies	100
SLG	Press conference attended by Mayor of New Taipei City Government	7 Oct 2022	Poster	
VIL	HAAL Booth	18-21 Oct 2022	Booth with HAAL equipment & demo's 	500
All partners	HAAL Symposium – ISG Korea	22-26 Oct 2022	Symposium with talks from Henk Herman, Piya, Nicole, Dirk & Dorothy on HAAL. 	450
SLG	Abstract	Dec 2022	Abstract accepted by ADI APRC	

<b>NCKU</b>	2022 Asia Pacific Regional Conference of Alzheimer's Disease International (ADI-APRC 2022)	Dec 2022	Poster	<b>500</b>
<b>UNIVPM</b>	UNIVPM Open day	3-1-2023	Event	<b>&gt; 30</b>
<b>INRCA</b>	Presentation at Pervasive Technologies Related to Assistive Environments (PETRA 2023) with a paper entitled "Design, development, and usability evaluation of a dashboard for supporting formal caregivers in managing people with dementia"	7-1-2023	Conference	<b>100-200</b>
<b>VIL</b>	Masterclass Datadriven work (with Actiz)	8-1-2023	Masterclass	<b>30</b>
<b>VIL</b>	Ministry of Health – Netherlands – HAAL in presentation	10-1-2023	Presentation	<b>30</b>
<b>VIL</b>	Presentation Livio (kick-off HAAL)	17-1-2023	Presentation	<b>10</b>
<b>VIL</b>	Training DSW	19-1-2023	Course	<b>12</b>
<b>VIL</b>	Groninger Zorg Akkoord	20-1-2023	Presentation	<b>25</b>
<b>UNIVPM</b>	Sharper Scuole	23-1-2023	Event	<b>&gt; 30</b>
<b>VIL</b>	Libertas Leiden	25-1-2023	Presentation	<b>14</b>
<b>VIL</b>	ICT&Health – HAAL in presentation	30-1-2023	Presentation	<b>70</b>
<b>VIL</b>	Presentation of the Supervisory Board at zorggroep Zaanstreek	1-2-2023	Presentation	<b>10</b>
<b>VIL</b>	EKTG	1-2-2023	Presentation	<b>14</b>
<b>VIL</b>	Relationship meeting Vilans	2-2-2023	Presentation	<b>25</b>
<b>VIL</b>	UT-Vilans collaboration symposium	7-2-2023	Symposium	<b>20</b>

VIL	Webinar Waardewaaier	14-2-2023	Webinar	50
VIL	Smart care relay Data-driven working	14-2-2023	Presentation	130
VIL	BMS working group presentation	5-3-2023	Online Presentation	30
VIL	Taiwan presentations (4x) – multiple slides on HAAL	6-3-2023	Invited Presentations	300
VIL	Aarhus presentation in Denmark on HAAL	25-3-2023	Presentation	60
VIL	Trends in developments in digital care	13-4-2023	Presentation	20
VIL	Presentation visit to the Ministry of Singapore	17-4-2023	Presentation	15
VIL	Vilans Webinar – also on HAAL	17-4-2023	Event	<20
VIL	ICI Workshop	23-5-2023	Workshop	>20
VIL	Presentation for housing cooperative	1-6-2023	Presentation	15
VIL	Presentation QoLead on Digital Care / HAAL	2-6-2023	Presentation	25
VIL	VWS working conference Data-driven working	12-6-2023	Conference contribution	200
VIL	NGOzorg Congress – HAAL in presentation	13-6-2023	Presentation	120
VIL	Congress Ngozorg Booth	13-6-2023	Booth	800
VIL	Congres NGOzorg ToekomstExpo – HAAL platform and products	13-6-2023	Expo	
VIL	Webinar National Network Working together in a data-driven way in care and welfare - co-creation of a vision	21-6-2023	Webinar	100
VIL	Poster Presentation Supporting	23-6-2023	Poster	>50


	Health by Technology			
<b>VIL</b>	JAIN Challenge online	29-6-2023	Presentation	<b>80</b>
<b>VIL</b>	Presentation visit delegation to China – also on HAAL	3-7-2023	Presentation	<b>13</b>
<b>VIL</b>	WDTM member meeting Presentation Responsible AI innovation in long-term care	11-7-2023	Presentation	<b>40</b>
<b>VIL</b>	Inspiratiesessie HAN Waalboog	15-7-2023	Inspiration session	<b>15</b>
<b>VIL</b>	Annual team day housing corporation Habion, visit to Vilans/WTT. Question: which home automation in the clustered forms of housing for the elderly	15-7-2023	Team day & presentation	<b>+/-30</b>
<b>VIL</b>	Visit Taiwanese Ministry of Health and members of the Taiwanese care sector	1-8-2023	Presentation	<b>&lt;10</b>
<b>INRCA</b>	Radiophonically intervention presenting innovative HAAL dashboard at Sharper Night	1-9-2023	Event	<b>50-100</b>
<b>VIL</b>	Future nurse call system, Utrecht region	1-9-2023	Presentations (5x)	<b>20</b>
<b>NCKU</b>	Digital Long-Term Care in the Netherlands	15-9-2023	Workshop	<b>&gt;100</b>
<b>VIL</b>	PIT platform presentation – also on HAAL	19-9-2023	Online Presentation	<b>20</b>
<b>VIL</b>	Shanghai Presentation (delegation with Ministry in China)	25-10-2023	Presentation	<b>250</b>
<b>VIL</b>	Hong Kong Presentation (delegation with Ministry in China)	27-10-2023	Presentation	<b>100</b>

VIL	Masterclass Digitale Zorg	1-11-2023	Masterclass	10
VIL	Congres AWIZ on responsible innovation	2-11-2023	Presentation	
VIL	HAN-Vilans meeting	15-11-2023	Presentation	25
VIL	College Rotterdam Erasmus	23-11-2023	Invited Lecture	40
VIL	SmartCare congress	23-11-2023	Presentation	40
VIL	Monthly update NL AI Coalition Working Group Health & Care	30-11-2023	Presentation	40
VIL	RVT Malderburch	8-12-2023	Presentation	10
UNIVPM	UNIVPM Open day – presented HAAL	3-1-2024	Event	> 30
VIL	Workshop UX design	3-1-2024	Workshop	>20
VIL	Guest lecture TU/e – also on HAAL	9-1-2024	Lecture	>40
NCKU	The 10th Asian Conference on Aging & Gerontology (AGen2024), with a work entitled: "The User Experience of a novel Healthcare System for Care of Dementia: an Alpha-Testing in Taiwan"	1-3-2024	Conference	>500
VIL	Making an impact with data-driven working - Conforte groep – also on HAAL	11-4-2024	Co-creation session	30
VIL	ZonMw / Slimme Zorgestafette	23/02/2024	Online Presentation	200

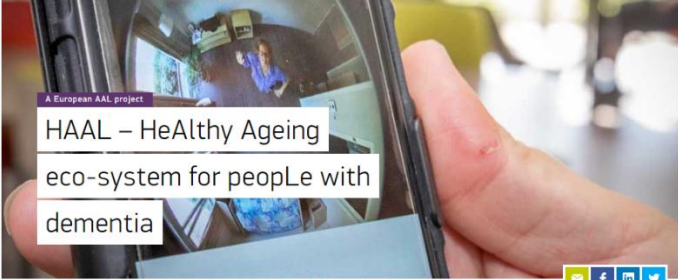


### 3. Online news items and publications

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HAAL – HeAlthy Ageing  
eco-system for peopLe with  
dementia

HAAL (HeAlthy Ageing eco-system for peopLe with dementia) is a collaborative project involving Dutch and international partners within the [Active and Assisted Living programme \(AAL\)](#). The aim is to support people with dementia, their loved ones and care professionals during the different stages of dementia by deploying multiple care and well-being technologies in an AAL bundle.

Living with dementia is challenging, not only for the person with the disease but also for those tasked with looking after them. One of the main challenges facing care givers and practitioners is how to anticipate and prepare for the patient's needs as the disease progresses. Often, the progression of a person's condition is dependent on their health history and lifestyle, and not everyone has the same needs as they move through the various stages.

The technologies in the AAL bundle have been developed within previous projects and can provide support in areas such as, social contact, memory aids, training, rehabilitation, [www.haal-project.eu](#)

[HAAL - HeAlthy Ageing eco-system for peopLe with dementia - Vilans](#)



**Livio**  
5.556 volgers  
3 mind • Bewerkt •

[+ Volgen](#)

Voor Livio komt na 1,5 jaar samenwerken een einde aan onze deelname aan het **HAAL project** (HeAlthy Ageing eco-system for people with dementia) van [Vilans.org](#). Aan dit project hebben **team innovatie, wijkteams en casemanagers dementie** deelgenomen om samen met Vilans en de **internationale partners** een dashboard te ontwikkelen dat **beslissondersteuning** biedt aan zorgverleners en mantelzorgers.

In dit dashboard is in één oogopslag te zien hoe het met het welbevinden van de cliënt gaat, verdeeld over verschillende domeinen: fysiek, slaap, cognitief en welzijn. Input hiervoor komt uit de verschillende gebruikte zorgtechnologieën (Compaan, Tessa, Medido, slim matras, leefpatroonmonitoring) en korte vragenlijsten die cliënten elke dag hebben ingevuld. Met deze data en het gebruik van AI is gewerkt aan een zo slim mogelijk dashboard. Dit dashboard is nog niet af, maar de eerste versie is er. Het verder te ontwikkelen dashboard kan ons helpen om vroegtijdig nog meer inzicht te krijgen in het welbevinden van de cliënt en om daarmee beslissingen te maken in het gezamenlijk zorgen voor de cliënt met dementie. We hopen ook in het vervolgproject weer mee te kunnen doen.

[#HAALproject](#) [#Vilans](#) [#zorgtechnologie](#) [#innovatie](#) [#dementie](#) [#internationaal](#) [#welbevindenvandecliënt](#)



[https://www.linkedin.com/posts/liviozorg\\_haalproject-vilans-zorgtechnologie-activity-7161712847989788673-ngzJ/?originalSubdomain=nl](https://www.linkedin.com/posts/liviozorg_haalproject-vilans-zorgtechnologie-activity-7161712847989788673-ngzJ/?originalSubdomain=nl)



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## Zorgtechnologieën voor mensen met dementie in één dashboard

24 november 2022

HAAL\* is een samenwerkingsproject van Nederlandse en internationale partners binnen het Active and Assisted Living programma (AAL). Het doel is om voor thuis- en alleenwonende mensen met dementie, hun naasten en zorgprofessionals tijdens de verschillende stadia van dementie te ondersteunen door meerdere zorg- en welzijnstechnologieën in te zetten via een AAL-bundel. NAAST-ZCN draagt actief bij aan het project. Zo heeft Vilans in november een gebruikerstest uitgevoerd waar NAAST-ZCN aan mee heeft gedaan.

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## HAAL-project helpt cliënten met dementie/MCI

Dominic Vries-Euverink, projectmedewerker en ambassadeur Innovatie en zorgtechnologie zorgthuis bij Livio, deelde de best practices van het HAAL-project. Dit is een internationaal initiatief in samenwerking met Vilans, gericht op het gebruik van technologieën bij cliënten met Dementie/MCI. Hij stond stil bij de zorgtechnologieën die zijn gekoppeld aan het project, het HAAL-dashboard en welke inzichten dit heeft opgeleverd. In een dashboard is in één oogopslag te zien hoe het met welbevinden van cliënten gaat, verdeeld over verschillende domeinen zoals fysiek, slaap, cognitief en welzijn. Input hiervoor komt uit de gebruikte zorgtechnologieën.

[Inspiratiebijeenkomst: de rol van data bij de inzet van digitale hulpmiddelen in zorg en welzijn | sigra](#)

## 4. Internships and Theses

The HAAL project resulted in many internships and the finalization of 2 MSc theses, which is quite an achievement.

### Internships

From Eindhoven University of Technology, Bob Hofstede (Q4 2021) and Daphne Debije (Q4 2022) completed a 10-week internship at Vilans, during which they were fully engaged in the HAAL project. They both contributed to various deliverables and were involved in organizing workshops, consortium meetings, and collecting data by facilitating focus groups and (heuristic) evaluations of the HAAL dashboard.

Sara Leenards (Q2 2023) completed an internship at Vilans from the Amsterdam University of Applied Sciences and created several designs for the dashboard. Her internship has contributed to the final design of the HAAL dashboard.

### MSc Theses

Piyakorn Koowattanataworn (Q1-Q2 2021) completed an internship at Vilans from the University of Twente and Universidad Politecnica de Madrid. In her master's thesis project, Piyakorn conducted research on co-design for people with dementia and thus collected some user needs for the HAAL dashboard.

Fleur de Korver (Q1-Q2 2023) conducted her master's thesis project at Vilans as part of the HAAL project, from Eindhoven University of Technology. Her research focused on anticipatory exploration in the evaluation of technology acceptance and is therefore in line with various approaches of Responsible Innovation, engaging end-users through the creation of several scenarios.



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**TU/e** EINDHOVEN  
UNIVERSITY OF  
TECHNOLOGY  
Human Technology Interaction

Master in Digital Innovation

**Anticipatory exploration in the evaluation of  
technology acceptance**

Master Thesis

Fleur de Korver

Master Thesis

**Empowering People with Dementia: Co-design  
Series and Central Platform Development in the  
Integration of Care Technologies**

Supervisors:  
P.A.M. Ruijten-Dodoliu  
H. H. Nap  
S. Ipakchian Askari

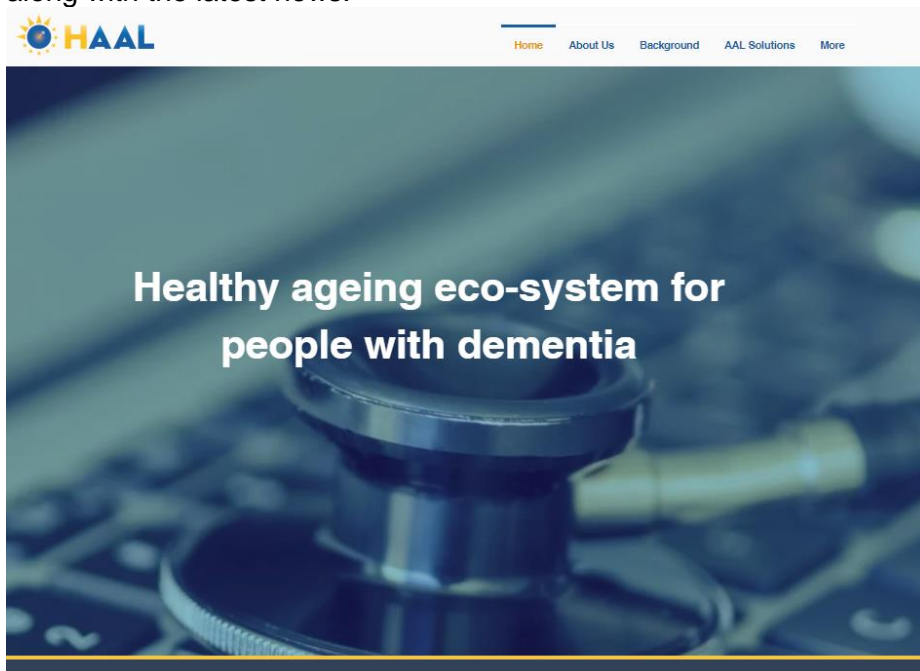
Author: Piyakorn Koowattanataworn

July, 2021

Eindhoven, July 2023

## 5. Website

In addition to the project website of AAL, there is a global website (<https://www.haal-aal.com/>) for which a .com domain name was chosen due to the global nature of the project, with partners not only from Europe but also from Taiwan. The website is used for project dissemination and contains a project description and explanations of the various technologies in the HAAL bundle. It is also the place where deliverables will be shared, along with the latest news.



## MISSION & GOALS



Living with dementia entails various challenges. These challenges can differ to a great extent between people with dementia. In addition, the challenges that people face might change over time, along the course of the disease. Along with the changes in challenges, come differences in the needs of a person with dementia. Large differences exist in the needs and wants as they encounter the different stages of dementia. This is not only complicated for people with dementia themselves, but also for those involved in care tasks. Caregivers and practitioners have to **anticipate and prepare for the differences in the person's needs as the disease progresses**.

The overall aim of HAAL is to support people with dementia, their loved ones and care professionals during the different stages of dementia through **embedding multiple cares and well-being technologies in an AAL bundle**. Partners from the Netherlands, Taiwan, and Italy collaborate and share their experiences in the HAAL project, on the topic of supporting dementia care through state-of-the-art AAL bundles. Each of the aforementioned countries brings several AAL solutions to the table that have been proven effective within existing eco-systems or AAL projects. **These solutions are interoperable**. Every ecosystem adopts at least one successful solution from the other countries.



The technologies in the AAL bundle offer support for people with dementia, covering a widespread area. These fields of support include **social contact, memory aids, training, rehabilitation, monitoring, entertainment and maintaining day structure**. Providing such a bundle has the advantage of allowing to a great extent for **personalization and flexibility in usage**. Two characteristics are highly valuable considering the differing needs and wants between people with dementia as well as the differences over time.

AAL solutions

## About us

Partnership and contacts

**HAAL (HeAlthy Ageing eco-system for peopLe with dementia)** is a collaborative project involving partners from Taiwan, Italy, the Netherlands and Denmark within the Active and Assisted Living programme (AAL). Amstelring, Yuyu Daycare Centre, Taipei Veteran home, INRCA and the municipality of Aarhus are involved end-users in the project.

## PARTNERS



The HAAL project is co-financed under the Active and Assisted Living Joint Programme of the European Commission ([www.aal-europe.eu](http://www.aal-europe.eu)) and the National Funding Agencies of Netherlands, Italy and Taiwan.



## 6. Coverage per category & target group

Based on the dissemination activities from 2021-2024 we calculated the total coverage per category (medium for dissemination). Based on the dissemination activities from 2021-2024 we calculated the total coverage per category (medium for dissemination). The total coverage could have reached at least 155.606 people up to 2 million people, also based on the reach of the Vilans knowledge platforms.

In respect to the target groups, estimations (with an interval) have been made about the people that visit certain web-sites, watch TV channels, visits events, and reads scientific articles. These estimations have been made by 2 people who work for Vilans and have expertise in research, communication and events.

HAAL might had a reach from 2021-2024 of about 50.000 – 310.000 people from academia. HAAL could have reached approximately 1 million people from (in)formal care. Approximately 22.000 – 350.000 people could have been reached from industry & government.

TOTAL COVERAGE PER CATEGORY	
Scientific articles	Approx. 4500
Online news items	40.000 – 350.000
Presentations	Approx. 35.000
Trainings, workshops and demos	Approx. 3000
Booths/stands	Approx. 1800
Expo's	20.000 – 500.000
TV (linear & online)	Approx. 150.000
Student Theses	Approx. 170
Online promovideo	Approx. 23.000
HAAL websites	Approx. 2.000