



ANNUAL PROGRESS REPORT

– *Template* –

Please send this report ELECTRONICALLY to the Central Management Unit (CMU) as well as a copy to the National Contact Persons (NCPs) of the coordinator and project partners

The coordinator of the project must submit this report within 60 calendar days after the end of each calendar year, on behalf of the consortium.

If you have any additional question, please contact the AAL CMU at CMU@aal-europe.eu, or your NCP (see details on www.aal-europe.eu/aal-ncp)

Report date	20/02/2019
Reported period	This report covers the period from 01/05/2018 to 31/12/2018
Report No.	1 st annual report

PROJECT	
Project full title	Free Walking Elderly
Project acronym	FreeWalker
Project No.	AAL-2017-057
Project Website	www.freewalker.eu
Project duration	<ul style="list-style-type: none"> •Starting date: 01/05/2018 •Termination date: 31/03/2021
Coordinator's name and details	Full name: Dr. Martin Litzenberger E-mail address: martin.litzenberger@ait.ac.at Telephone number: +43 664 8251087

PROJECT PARTNERS			
No.	PARTNER ORGANISATION NAME	PARTNER ORG. ACRONYM	AAL NATIONAL FUNDING AGENCY
1 (coord.)	Austrian Institute of Technology Ges.m.b.H.	AIT	FFG
2	Vilans	VIL	ZonMW
3	CareCenter Software Ges.m.b.H.	CCS	FFG
4	MAS Alzheimerhilfe	MAS	FFG
5	Kepler University Hospital GmbH	KEP	FFG
6	CREAGYAG	CRE	SBFI
7	terzStiftung	TERZ	SBFI
8	Ivengi BV	IVEN	ZonMW
9	Stichting TanteLouise	TAL	ZonMW
<i>Please add more lines if required</i>			

1. ADMINISTRATIVE PROJECT PROGRESS

Report below any changes in administrative aspects of the project, excluding all financial aspects.

CHANGE IN	NO	YES	IF YES: REMARKS/EXPLANATIONS
<i>Duration of the project</i>	X		
<i>Consortium composition</i>	X		
<i>Project staff members</i>		X	<p><i>TERZ: GEORG WEIDMANN HAS ENTERED THE PROJECT DUE TO ILLNESS OF KEY PERSONNEL AT TERZ.</i></p> <p><i>TAL: MATTHIEU ARENDSE HAS REPLACED MAARTEN RAGGERS DUE TO COMPANY INTERNAL CHANGES IN RESPONSIBILITY.</i></p> <p><i>KEP: DUE TO UNFORESEEN TIME CONSTRAINTS KEY PERSONAL FOR FREEWALKER WAS CHANGED FROM PROF. GERHARD RANSMAYR, MD AS PRINCIPAL INVESTIGATOR TO MILAN VOSKO, MD, PHD AS PRINCIPAL INVESTIGATOR AND MATTHIAS ZELLER, MD AS SUB-INVESTIGATOR.</i></p> <p><i>MAS: FRAU MAG. DR. MARGIT HÖFLER UND FRAU MAG. YVONNE ROITHINGER HAVE JOINED THE PROJECT TEAM AFTER PROJECT START.</i></p> <p><i>CCS: MICHAEL LEHNER LEFT THE COMPANY AND WAS THEREFORE REPLACED BY ANDREAS AMMER.</i></p>
<i>Other</i>		X	<p><i>TWO UPDATES OF THE DoW HAVE BEEN SUBMITTED DUE. (1) IN MAY IN RESPONDS TO INPUT FROM THE KICK-OFF MEETING (2) IN SEPTEMBER DUE TO CHANGES IN THE STUDY PLAN TO REDUCE THE RISK OF DROP-OUTS DURING TESTING.</i></p>

2. DELIVERABLES SUBMITTED AND MILESTONES ACHIEVED DURING THE REPORTED PERIOD

Please list below the deliverables and milestones, using the same numbering as specified in the description of work.

In case of deviations from the description of work (work plan) regarding delivery dates, achievement of milestones or changes in planned outputs, please give details, and indicate whether and to whom (AAL NFA/NCP) the changes have been communicated.

DELIVERABLE	DUE DATE	RESPONSIBLE PARTNER	DELIVERY DATE	REMARKS/EXPLANATIONS
D1.1	31/05/2018	VILANS	01/06/2018	A FIRST VERSION WAS DELIVERED JUNE 2018, FINAL VERSION ON 15/10/2018
D1.2	30/11/2018	VILANS	20/12/2018	A FIRST VERSION WAS DELIVERED, FINAL VERSION EXPECTED END OF FEB. DELAY IN CO-DESIGN SEE EXPLANATION IN SECTION 3.
D1.3	30/11/2018	VILANS		EXPECTED END OF FEB. 2019, EXPLAINED BY DELAY IN D1.2
D2.1	30/09/2018	CREAGY		EXPECTED 28/02/2018, EXPLAINED BY DELAY IN D1.2
D3.2	31/10/2018	KEPLER	31/12/2018	A FIRST VERSION IS AVAILABLE, CONSORTIUM APPROVAL AWAITED
D4.1	31/07/2018	TERZ	19/12/2018	DELAYED DUE TO CHANGE IN KEY PERSONNEL
D4.2	30/09/2018	TERZ	30/09/2018	
D5.1	30/06/2018	AIT	11/07/2018	
D5.2	30/06/2018	AIT	02/05/2018	

MILESTONE	DUE DATE	RESPONSIBLE PARTNER	ACHIEVEMENT DATE	REMARKS/EXPLANATIONS
M1.1	30/11/2018	VILANS		EXPECTED END OF FEB. 2019, EXPLAINED BY DELAY IN CO-DESIGN.

3. SCIENTIFIC/TECHNICAL PROJECT PROGRESS TO DATE

Please check appropriate box:

The project is in line with (or) deviates from the valid description of work (version/date: v20 / 07/09/2018)

In the case of deviation, please explain how and why:

The project has encountered delays before and during Summer 2018 due to delay in the co-design process for establishing detailed requirements in WP1. The reason for the delays are – among others – longer preparation time for co-design sessions, changes in key personnel at end user partners, and the holiday situation on the other hand, which made it difficult to organize the necessary participants for co-design sessions before the summer break in 2018.

Consequently, technical specifications for the solution have been delayed due to the required input from the requirements analysis. The consortium has reacted to mitigate the impact, by starting design of a first version of the system, a minimum viable solution, that is already known to fulfill end users basic requirements.

The study protocol had delays due to disagreement on inclusion criteria between the end-user partners and the study leader which is also related to additional insights from the co-designing and the corresponding consideration of necessary use-cases, which may require some deviation from the original proposal. These discussions, though, have always been fruitful and are expected to lead to an overall improved coordination of resources and objectives (social, business, scientific etc.) in the project. They are not expected to lead to a delay of the start of the field trials. A first version of the study protocol is now available that awaits consortium approval.

A new time plan has been developed by the consortium that will be submitted to AAL CMU together with a revised DoW in mid of March 2019.

Provide a summary of developments since the last report, including:

- *The performance of the project consortium*
- *Technical achievements*
- *End-user services*

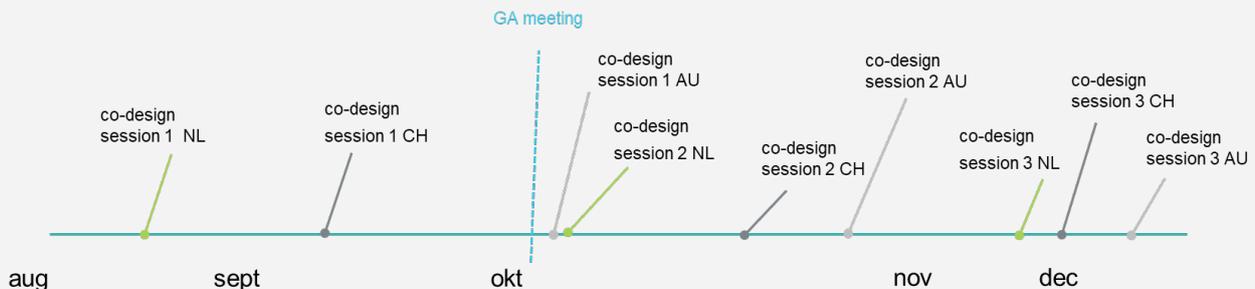
The consortium has collaborated very closely with organization of almost weekly calls for coordination of the activities and including two face-to-face meetings in GA meetings and technical workshops. There has been a delay in the co-design process, impacting also other work packages. See detailed explanation above.

The major achievements of the period were the progress in the **co-design process** and completion of the **dissemination plan** and a first version of the **study protocol**:

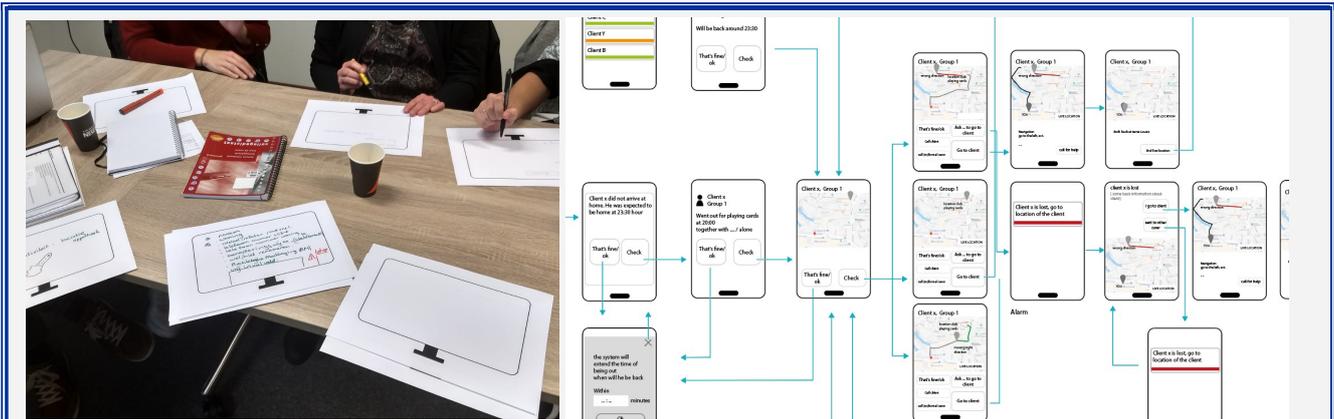
The consortium was already active in the **promotion of the FreeWalker solution** on conferences, presentations and on events (see table in sec. 4). The **dissemination plan** was completed, that outlines how to address the most important stakeholders (such as future clients and customers, business partners, local health authorities, not for profit organizations, academia) of FreeWalker throughout the project lifetime and thereby also adds to the future development of a business plan identifying potential commercial exploitations. Concrete activities of project partners, using the various media channels such as web, social media, fairs, congresses, newsletters, are aiming at making FreeWalker well known amongst the most important stakeholder communities, but they also support the recruitment of test persons who are needed to develop FreeWalker to market maturity. An important element are risk considerations, meaning that on the one hand inappropriate communication can cause unexpected risks (e.g. by focusing too much on one specific user group what could discourage others to use FreeWalker) and on the other hand good communication can convince potential blockers (e.g. professional carers who might be afraid of “being replaced by technology”) that FreeWalker will create win-win situations for everybody.

In May-June 2018, Vilans finalized the end-user advisory board, wrote a first version of D1.1 and had the first end-user advisory board telco on August 31 with 5 people of which two end-user advisory board members. The participants list, work plan and feedback from the first advisory board telco is written in D1.1 which was submitted in October 2018.

There were some delays in starting with the co-design phase in FreeWalker due to reasons described before. The first co-design sessions was performed in August 28 2018 at tanteLouise, the second at tanteLouise in October 11 and the third at the end of 2018.



In addition, co-design sessions were performed at MAS & Terz from September on. The results were iteratively fed back to the development partners and CREGY started using the input for designs of the mobile application followed by input for Care Center, IVENGI and AIT. The results are described in a continuously updated version of D1.2 and D1.3.



A first version of the study protocol document has been completed by partner Kepler together with Vilans, that details inclusion criteria, study design and measurement of the outcome of the FreeWalker field trial. Based on the criteria established in this document, recruiting will start at the end user partners.

How many consortium meetings were held during the period covered by this report?

- 1 kickoff Meeting (Vienna, 5/4/2018),
- 1 ordinary (Vienna, 9/10/2018) and 1 extraordinary (Telco, 20/8/2018 for approval of new DoW version) GA meetings,
- 25 weekly management calls with all partners represented, 7 dedicated technical calls with all technical partners, 1 technical workshop with all technical partners (Amsterdam, 20/6/2018)

4. 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.).

Project participant responsible (indicate country)	Activity	Date	Medium and reference (press, event, newsletter, webpage, etc.)	Indicative coverage
AIT (AT)	webpage presentation	July 2018	AIT website	
CCS (AT)	webpage presentation	2018	Subsite on CareCenter Website	
CRE (CH)	project presentation	Oct 2018	CREAGY Knowledge Exchange (CKX)	
MAS (AT)	webpage presentation	Nov 18	Subsite on MAS Website	
VIL (NL)	webpage presentation	2018	Subsite on Vilans Website	3000
IVEN (NL)	webpage presentation	2018	Subsite on TERZ Website	
TERZ (CH)	webpage presentation	2018	https://www.safetytracer.eu/home	
CCS (AT)	electronic newsletter	Apr 18	CareCenter Online News	
CCS (AT)	electronic newsletter	June 2018	CareCenter Newsletter	
VIL (NL)	electronic newsletter	July 2018	Vilans newsletter	30.000
TERZ (CH)	electronic newsletter	Dec 2018	terzNewsletter (monthly) – Mailing to all members and retirement homes in CH	
MAS (AT)	printed newsletter	Nov 18	Annual Report	2500
VIL (NL)	Newsitem on ICT & Health	02.08.2018	newspaper	50.000
CCS (AT)	lecture on AAL and Freewalker	30.11.2018	Care Congress, Vienna	
VIL (NL)	Invited Talk	19.09.2018	Vilans Relationday	100
VIL (NL)	Keynote Talk	15.11.2018	AAL Praxiskonferenz Austria	100

VIL (NL)	Invited Talk	26.11.2018	Verklizan Innovation Day	300
TERZ (CH)	Congress Stand	Nov 30 – Dec 2, 2018	“Zukunft Alter”, a fair focussing on topics regarding “age”, located in Lucerne	
IVEN (NL)	Congress Stand	Nov 8, 2018	Mobile Health Congress Utrecht	
IVEN (NL)	Poster Session	March 2018	Health & ICT Congress Utrecht	
TERZ (CH)	Press Release	Apr 18		
IVEN (NL)	Exhibition	15.05.2018	Nursing	
IVEN (NL)	Exhibition	29.06.2018	Day of home care	
AIT (AT)	Conference Presentation	06.06.2018	Conference "Innovative Modelle in der Pflege und Betreuung"	

5. OTHER COMMENTS

Report below any other issue or comment (optional)

DO NOT FORGET TO FORWARD ALL UPDATES OF OFFICIAL PROJECT DOCUMENTS (E.G. DESCRIPTION OF WORK, CONSORTIUM AGREEMENT, ETC.) TO THE AAL CENTRAL MANAGEMENT UNIT AND NCP OF THE COORDINATOR AND PROJECT PARTNERS.

6. HUMAN RESOURCES REPORT

PROJECT PERSON EFFORT <u>DURING THE REPORTING PERIOD</u>			
PARTNER ORG. ACRONYM	Actual effort in person/ months for the reporting period	Planned effort in person/ months for the reporting period	Remarks
AIT	7.0	7.3	
VIL	5.9	6.11	A little less than planned, because the co-creation started later and is now finishing in January 2019.
CCS	7.4	20.0	Less than planned for 2018, because of delay of results from requirements (= shifted to 2019)
MAS	8.64	9.6	A little less than planned, because some elements of the work plan had been delayed (=shifted to 2019)
KEP	9.0	9.02	
CRE	10.08	11.0	
TERZ	6.5	7.5	
IVEN	11.25	13.68	A difference on the personal cost due to the delay of the co-design sessions and the related start from the technical requirements. However, we will need that lost time in the next two till three months.
TAL	2.0	2.0	
TOTAL	65.8	86.21	This is an under-spending consistent with the delays described in the report.

ADDITIONAL INFORMATION

Please check appropriate box:

The financial progress of the project is in line with (or) deviates from the partner's Grant Agreements & Work Packages plans (personal efforts, other costs, etc)?

In case of deviation, please explain how and why:

Have you encountered or do you foresee any financial difficulties for the project realisation (e.g. payments, additional costs, other)?

No

Do you want to make any other comments in relation to the financial aspects of the project?

No