



## ANNUAL PROGRESS & FINANCIAL 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](mailto:CMU@aal-europe.eu),  
or your NCP (see details on [www.aal-europe.eu/aal-ncp](http://www.aal-europe.eu/aal-ncp))*

<b>Report date</b>	26/02/2016
<b>Reported period</b>	This report covers the period from 01/01/2015 to 31/12/2015
<b>Report No.</b>	<b>third</b> annual report of the project

<b>PROJECT</b>	
<b>Project full title</b>	HEalthy Life support through COMprehensive Tracking of individual and Environmental Behaviors
<b>Project acronym</b>	HELICOPTER
<b>Project No.</b>	AAL-2012-5-150
<b>Project Website</b>	http://www.helicopter-aal.eu/
<b>Project duration</b>	<ul style="list-style-type: none"> <li>•Starting date: 01/07/2013</li> <li>•Termination date: 30/06/2016</li> </ul>
<b>Coordinator's name and details</b>	Full name: Sandro Girolami E-mail address: sandro.girolami@meteda.it * Telephone number: +39 347 3572118 * <i>* Both e-mail address and tel. number must be provided.</i>

<b>PROJECT PARTNERS</b>			
No.	PARTNER ORGANISATION NAME	PARTNER ORG. ACRONYM	AAL NATIONAL FUNDING AGENCY
1	Me.Te.Da. S.r.l. (coord.)	METEDA	Ministry of Education, University and Research
2	Università degli Studi di Parma	UNIPR	Ministry of Education, University and Research
3	SC Vision Systems SRL	VSRO	UEFISCDI
4	University of Skövde	HIS	VINNOVA
5	Laboratorio delle Idee S.r.l.	LABIDEE	Ministry of Education, University and Research
6	Municipality of Skövde	SKOVDE	VINNOVA
7	Copenhagen Institute of Interaction Design	CIID	Danish Agency for Science, Technology and Innovation
8	Coöperatie Slimmer Leven 2020	SL2020	ZONMW
9	International Business School, Jönköping University	JIBS	VINNOVA
<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		
<i>Other</i>	X		

## 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
<b>D.1.3</b>	30.04.2015	METEDA	30.04.2015	
<b>D.2.3</b>	30.04.2015	CIID	30.05.2015	
<b>D.2.4</b>	30.09.2015	LABIDEE	31.07.2015	<i>THE DELAY WAS DUE TO THE ITERATIONS ON THE CONCEPTS AND CO-CREATION SESSION CONDUCTED WITH STAKEHOLDERS</i>
<b>D.3.3</b>	31.03.2015	UNIPR	31.03.2015	
<b>D.3.4</b>	30.06.2015	UNIPR	SPRING 2016	<i>DELAYS DUE TO THE PILOT DEFINITION AND IMPLEMENTATION, THE DELIVERABLE 3.4 WILL BE PRESENTED IN SPRING 2016.</i>
<b>D.4.4</b>	31.03.2015	HIS	SPRING 2016	<i>DELAYS DUE TO SOFTWARE COMPATIBILITY ISSUES + TECHNOLOGY TRANSFER INTERMEDIATE RESULTS TRANSFERRED BETWEEN PARTNERS (IT</i>

				WAS MADE A DRAFT TO BE COMPLETED)
<b>D.5.2</b>	30.06.2015	SL2020	19.03.2015	

MILESTONE	DUE DATE	RESPONSIBLE PARTNER	ACHIEVEMENT DATE	REMARKS/EXPLANATIONS
<b>M.2</b>	31.03.2015	HIS/UNIPR	SPRING 2016	<i>DELAYS DUE TO SOFTWARE COMPATIBILITY ISSUES + TECHNOLOGY TRANSFER INTERMEDIATE RESULTS TRANSFERRED BETWEEN PARTNERS (IT WAS MADE A DRAFT TO BE COMPLETED)</i>
<b>M.3</b>	30.04.2015	CIID	30.05.2015	<i>THE DELAY WAS DUE TO THE ITERATIONS ON THE CONCEPTS AND CO-CREATION SESSION CONDUCTED WITH STAKEHOLDERS</i>
<b>M.4</b>	31.08.2015	LABIDEE	31.08.2015	

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

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

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

The project is currently in the final phase, and work carried out was consistent with the original workplan and schedule. Within 2015, a number of meaningful goals were achieved, which can be summarized as follow:

#### **Pilot:**

In the first half of 2015 we have been preparing the large pilot for Q3 and Q4 2015. The pilot we are responsible for in the Helicopter project we want to organize in an innovative way. This because we had a number of working sessions about the business case. From this we concluded that if we want to truly scale up an innovations like the one developed in the Helicopter project (where a part of the businesses relies on financing from formal institutions/insures) we need hard figures. For this reason we are trying to organise the pilot in such a way that this is actually feasible. To do this we have organized a small pre-pilot (n=10) to make sure that the large pilot will run more smoothly.

For this reason SL2020 has established a collaboration relationship with a senior secondary vocational education who are teaching level 2 nursing and care students. Because jobs of these type of students are disappearing they need to be re-schooled in order to stay valuable within the work field. Therefore they would like to explore if these students could educate and guide elderly people in the introduction to the use of new health innovations and technologies. We tested a model where these students will recruit elderly persons and guide them through the HELICOPTER pilot, from introducing the project and technology, to providing support during, to evaluate the pilot according to of course the HELICOPTER requirements. First a pre-pilot was organised to including 10 participants to try out the procedure of recruiting, testing, supporting, evaluating etc. before the real Helicopter pilot started.

For the Helicopter pilot a total of 28 end users are involved in the NL, and 8 in SE  
In the Netherlands, the first 21 end users (16 households) were included in September, the additional 7 end users (6 households) in December. In Sweden, all users were included in September/October. After a technical training with the tech partners the Helicopter system was already installed in the households in order for the data collection to begin. However, the pilot installation could not be done at once, since the posters and bluetooth connections were not yet ready for installation, due to unexpected software compatibility issues (drivers in the official Linux distribution not working) . The problem has been circumvented already, and installation is to be finalized in February.

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

During the reporting period, the HELICOPTER Consortium held the following meetings:

- A MTR: the Midterm Project Review was held in Parma on March 26, 2015 before the General Assembly. The Consortium presented the project to the European Commission and made a demonstration of the system in the laboratory created at the University of Parma.
- A general assembly was held in:
  1. Parma - Italy, on March 26/27, 2015. The principal aims of the general assembly is to verify the development of the project and to plan next months. Particularly attention was dedicated to the technical aspect of WP4 : domain's definition, tools and different option of modeling, validation.
  2. Skovde - Sweden, on September 28-29, 2015. The principal aim of the meeting is planning to achieve next milestones, particularly to release a demonstrator kit, including hardware e software development, preliminary user interface implementation, user interaction and pilot planning, including service view and business model
- A Management Committee Meeting was held on December 21, 2015 through teleconferencing facilities. The aims of the meeting is to review of current status, with reference to Skovde meeting's plans and preliminary technical outcomes from running pilots and related actions; project administration.

The above meetings fulfill the schedule defined in the proposal and the Consortium Agreement.

Besides such formal meetings, a number of subgroup meetings (either physical or virtual) were held, in order to proceed with technical developments.

#### 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
SL2020	Pilot recruitment	1-9-15	Participant recruitment brochure in NL and SE language	150expl
SL2020	Pilot implementation	Multiple times	News items on SL2020 twitter + webpage	
SL2020	Dissemination	Multiple times	Presentation about Helicopter and the pilot at several (regional) events	100
CIID (DK)	Lecture at University of Skovde "People-centred design in active assisted living: The HELICOPTER approach "	Sept 29 <sup>th</sup> , 2015,	Keynote <a href="https://www.his.se/PageFiles/33633/A3-Related%20open%20presentations%20related%20to%20the%20HELICOPTER%20project-refinedTypography-date.pdf">https://www.his.se/PageFiles/33633/A3-Related%20open%20presentations%20related%20to%20the%20HELICOPTER%20project-refinedTypography-date.pdf</a>	15 participants
CIID (DK)	Publication of D2.1 "People Centred Design"	Feb 2015	Hard copy as well as downloadable pdf <a href="http://ciid.dk/root_ciidwww/wp-content/uploads/2015/03/PeopleCentredResearch_HELICOPTER1.pdf">http://ciid.dk/root_ciidwww/wp-content/uploads/2015/03/PeopleCentredResearch_HELICOPTER1.pdf</a>	
CIID (DK)	Paper presentation "Co-creating elderly Future-self" in the workshop "Smart for Life" at CHI 2015, Korea	Apr 2015	Keynote and pdf <a href="http://zpac.ch/smartforlife/CRsubmissions/Laura%20Boffi%20CR.pdf">http://zpac.ch/smartforlife/CRsubmissions/Laura%20Boffi%20CR.pdf</a>	15-20 participants
CIID (DK)	Presentation about the Design research on the Helicopter project at ForItAAL 2015, Lecco (Italy)	May 2015	Keynote	50 participants
UNIPR	Presentation at international conference: Ambient Assisted	Dec 2015	The HELICOPTER Project: A Heterogeneous Sensor Network Suitable for Behavioral Analysis	100 participants

	<p>Living. ICT-based Solutions in Real Life Situations: 7th International Work-Conference, IWAAL 2015, Puerto Varas, Chile, December 1-4, 2015</p>		<p><a href="https://books.google.it/books?hl=it&amp;lr=&amp;id=73H_CgAAQBAJ&amp;oi=fnd&amp;pg=PP6&amp;dq=ciampolini+iwaal&amp;ots=cKu-2XjvDC&amp;sig=GIG7C2VcZg3yAv4yTxETo2LnOSQ#v=onepage&amp;q=ciampolini%20&amp;f=false">https://books.google.it/books?hl=it&amp;lr=&amp;id=73H_CgAAQBAJ&amp;oi=fnd&amp;pg=PP6&amp;dq=ciampolini+iwaal&amp;ots=cKu-2XjvDC&amp;sig=GIG7C2VcZg3yAv4yTxETo2LnOSQ#v=onepage&amp;q=ciampolini%20&amp;f=false</a></p>	
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### 5. OTHER COMMENTS

Report below any other issue or comment (optional)

(your text here)

**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. FINANCIAL REPORT

#### PROJECT FINANCIAL DEVELOPMENT DURING THE REPORTING PERIOD

PARTNER ORG. ACRONYM	Actual cost of the project for the reporting period	Planned cost of the project for the reporting period	Actual effort in person/ months for the reporting period	Planned effort in person/ months for the reporting period	Remarks
1. METEDA	200.368,56	176.000,00	20 PM	17 PM	
2. UNIPR	174.000,00	207.000,00	35 PM	23 PM	
3. VSRO	102.946,92	102.950,00	57 PM	63 PM	
4. HIS	22.792,00	25.070,00	2,73 PM	2,2 PM	9.8 SEK/€
5. LABIDEE	148.830,78	92.500,00	36,9 PM	15 PM	

6. SKOVDE	14.416,00	18.303,00	3,3 PM	3,3 PM	
7. CIID	166.633,44	132.310,00	11,38 PM	9 PM	€/DKK rate 7.45
8. SL2020	83.566,00	85.703,00	7,09 PM	10,35 PM	* preliminary data
9. JIBS	47.254,00	56.430,00	4,5 PM	4,5 PM	1€ = 10,1 SEK
TOTAL	960.807,70	896.266,00	177,9	147,35	

PROJECT PAYMENTS DURING THE REPORTING PERIOD					
Partner Organisation Acronym	Funding requested (if applicable)	Date of request sending (if applicable)	Date of receiving the money	Time between request and receive (if applicable)	Remarks
1.METEDA	€ 195.403,65	16/11/2015	-----	-----	
2. UNIPR	€ 183.012,60	16/11/2015	-----	-----	
3. VSRO (EC)	€ 7.298,88	05/12/2014	13/02/2015	39 days	
3. VSRO (National grant)	€ 31.915,70	07/07/2015	16/07/2015	9 days	
3. VSRO (EC)	€ 25.383,45	07/07/2015	03/08/2015	27 days	
3. VSRO (National grant)	€ 12.951,56	04/12/2015	21/12/2015	17 days	
3. VSRO (EC)	€ 10.300,74	04/12/2015	Not yet received	Not yet received	
4. HIS	€ 5.000,00	-----	November 2015	-----	
5. LABIDEE	€ 68.026,84	16/11/2015	-----	-----	
6. SKOVDE	9.152,00	10/08/2015	21/08/2015	11 days	
7. CIID	52.728,57	02/09/2015	13/10/2015	43 days	€/DKK rate 7.45
8. SL2020	-----	-----	-----	-----	
9. JIBS	€ 17.326,73	22/01/2015	05/02/2015	14 days	1€ = 10,1 SEK
9. JIBS	€ 18.498,83	10/08/2015	21/08/2015	11 days	1€ = 9,46 SEK
TOTAL	€ 636.999,55				

If applicable, please differentiate between EC and national grant payments

**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)?**

It is worth mentioning that, despite Italian partners have duly and promptly fulfilled all formal requirements, at the end of 2014 the contract with the National Agency (MIUR) was still to be signed. It has been eventually signed on February 16, 2015. No payments has been received yet.

In order to avoid jeopardizing the whole project, Italian partners provided their effort anyway. Nevertheless, such a situation clearly made the management of project activities much harder than needed.

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