

DELIVERABLE 7.4

Project Acronym: Brain@Home

Grant Agreement number: AAL-2015-1-134

Project Title: Brain@home: Moving and enhancing brain training for an active life

T7.4: Risk management and contingency plans

Author: SIVECO

Collaborations and Reviews: ALL

Task/WP related to the WP7, Task 7.4

Deliverable: D7.4



Type ¹: R

Reviewer(s): ALL

Approved by: SIVECO

Contractual Date of Delivery: 05/2017 **Actual Date of Delivery:** 06/2017

Abstract: This document describes the state of the project, the progress after the 1st year of implementation.

Project Co-ordinator

Company name : SIVECO Romania S.A.

Name of representative : Monica FLOREA

Address : 73-81 Bucuresti-Ploiesti Drive, Building C4, District 1, 013685, Bucharest, RO

Phone number : +4 (021) 302 3300

Fax number : + 4 (021) 302 3391

E-mail : monica.florea@siveco.ro

Website : <http://www.siveco.ro/en>

¹ Deliverable Type: P (Prototype), R (Report), O (Other)



Version Control

Version	Description of Change	Date
V1.0	Initial draft	09.06.2017
V2.0	Updated version	27.06.2017
V.3.0	Final Version	29.06.2017



Reported period	This report covers the period from 06/2016 to 05/2017
Report No.	First Periodic Progress Report

SCIENTIFIC/TECHNICAL PROJECT PROGRESS TO DATE

- WP1

Concerning WP1, CCP is successfully leading each task supporting collaborative partners in finalizing all the Deliverables.

On the basis of D1.1 and D1.2 (delivered within the deadline) and their conclusions, clinical partners studied user's requirements and exercises design. A participatory approach involving clinicians (neuropsychologists, neurologists, geriatrists), technicians, elderly people, led to the realization of D1.3. UB and HU teams held in December 2016 a series of four interdisciplinary focus groups with actors from Romania and Hungary, with different professional and personal backgrounds, in order to identify actors' needs and desires related to the scientific findings developed in T1.1 (older person) and T1.2 (technical aspects and feasibility). The focus groups generated results was used in shaping a few recommendations which will improve the quality of cognitive exercises and structure of Brain@Home Platform.

The main goal of the FGI (Focus Group Interviews) was to find the actual needs and desires of the elders to align them to the capability that is produced by the software platform in such a manner that a clear and positive mindset can be transmitted to them.

The platform is aimed at keeping them active and to stimulate them cognitively and intellectually. This way they will be able to explore recreations of stimulating real world environments. In such environments, they will be able to engage in activities which could be related to the specific instance or place they are interacting with. The activities will engage the user in cognitive exercises, helping him to exercise while engaging the virtual world. The description of 30 exercises was made (with the indication to be developed in 5 levels of difficulty each), aiming at stimulating different cognitive functions (attention, memory and executive functions) in a brain-training pathway for people as they age.

The Experimental Study have been scientifically discussed between involved partners (CCP, UB, PBN), defined and described in D1.4. The document includes specific indications in terms of Recruitment and Study Protocol (Presentation of the Pilot Sites, Background, Research protocol, Informative document and informed consent for study participant).

Finally a comprehensive Ethical Guideline of the project was edited, concerning the main ethical issues arising by the study. The draft version was completed within the end of December and it was reviewed until 31.1.2017, when was the deadline.

- WP2

WP2 started with the Definition of system architecture. Starting with M11 SIVECO's experts started to



define the Requirements platform analysis and System architecture. Both deliverable were reviewed at the beginning of February. The scope of the requirements platform analysis is to cover all the features intended to be developed in Brain@Home platform based and describe all the functionality requirements and non-functional requirements needed to be implemented. We identified the need to organize a focus group in each country, before the small scale trials, in order to collect the user's satisfaction. This will help us to improve the developed applications. In the deliverable definition of the system architecture the following sections were described: general architecture, functional architecture, architectural layers, performance and scalability, security solutions on application level, integration and communication architecture and deployment architecture.

- WP3

The aim of WP3 is to Develop Virtualized environments, Virtual Tours and serious games for Brain training exercises. For the task T3.1 Creation of the Virtual Environment based on the real world, which began in January, SIVECO provided, to the partners, **D3.1 – VR Environment creation**. This helped the 3 content providers (SIVECO, PBN and MH) to deliver the appropriate format and quality, in order for the end users to experience the expected virtual experience. D3.1 was updated in M12 with details regarding the Virtual environment UI Proposal and Virtual Tour UI Proposal.

Within the 6th work package the consortium elaborated the IPR report which has been followed by an online training with the participation of the consortium members. Parallel to this, a market research was produced with the most potential, currently on the market active applications. These apps will be followed and constantly checked until the project ends to see their market potential, activities and general operation, which supports the consortium to plan a long-term effective business model for the Brain@Home platform.

- WP6

D6.3 is setting up the first thoughts of the final business plan of the project. Based on this definition, this deliverable is the first, "kick-off" version of the business plan of the Brain@Home project. This document aims to raise a method for being able to constantly update the business plan as the project is progressing. It allows the partners to constantly follow and re-think the business possibilities of the end product, so it can ensure that by the end of the project, the most advanced business model can be elaborated.

The dissemination plan gives a guide to the partnership about the communication methods, standards and usage of the individual logos and terms in our project. Also each partner has disseminated the project characteristics to his own website. The project website, <http://www.brainathome-aal.com>, is live and in a continuous updating process. The coordinator has published a press release at the beginning of the project and an interview for Romania in M4. In M13 SIVECO is planning to publish a new press release with the updated status of the project.

D6.5 explains the strategies for each target group and includes templates for questionnaires for the exit strategy evaluation that will be conducted after the pilots. The questionnaires will be in the final version before the pilot starts.

- WP7

Even if not all the partners have effort in WP7, this is applicable to everyone. The initial draft released of Deliverable D7.1 Project Management Plan was sent to the consortium members on 30 June and it was revised in the final version by 17 August. D7.2 the consortium agreement was signed on 08.01.2016, but since the grant agreement for project execution between the Coordinator and the NCP was signed on 02.06.2016, amendment 1 to consortium agreement was made and signed on

31.08.2016.

D7.3 Project Quality Plan introduces and explains the Quality Management (QM) and Risk Assessment (RA) and all developed and implemented instruments, tools and processes for QM and RA within BRAIN@HOME. The document is structured into three major chapters **Quality Management and Risk Assessment Strategy and Plan**, **Quality Management and Risk Assessment Instruments and Implementations of the QM and RA instruments**. The 1st year of the project ends with this deliverable in which they were presented all the actions conducted by the members of the consortium. An updated version will be made at the end of the 2nd year of the project.

Consortium meetings

1. Kick-off meeting – 31.03.2016 – 01.04.2016
2. On-line meeting – 17.08.2016
3. On-line meeting – 15.09.2016
4. On-line meeting – 04.10.2016
5. Face-to-face meeting – 20-21.10.2016
6. On-line meeting – 15.11.2016
7. On-line training IPR – 05.12.2016
8. On-line meeting – 25.01.2017
9. Face-to-face meeting – 02-03.03.2017
10. On-line meeting – 21.03.2017
11. On-line meeting – 19.04.2017
12. On-line meeting – 16.05.2017
13. On-line meeting – 22.05.2017

MILESTONES OVERVIEW LIST

No.	Milestone name	Expected date (project month)	Means of verification	Status
MS1	Consortium agreement	M1	Document signed by all partners	Done!
MS2	User document - Design phase finished	M18	Detailed scenarios specifications – printed and electronic documentation.	
MS3	Preliminary release of the web applications	M24	Web application deployed and user validated	
MS4	Documentation of the pilots	M28	Software testing and integration	
MS5	Evaluation document	M30	Report on the project's results - experimental results, collected, analyzed and published	

IMPACT AND DISSEMINATION ACTIVITIES

Project participant responsible (indicate country)	Activity	Date	Medium and reference (press, event, newsletter, webpage, etc.)	Indicative coverage
SIVECO	Press release	29/08/2016	Press	European
SIVECO	Press interview	03/10/2016	Press	Romania
SIVECO	Project dissemination	03/03/2017	On line	http://www.siveco.ro/en/solutions-business-to-public/european-projects
CCP	Project dissemination	31/05/2017	On line	http://www.ccppdezza.it/brainhome/
UB	Project dissemination	26/06/2017	On line	http://sas.unibuc.ro/brainhome_moving_and_enhancing_brain_training_for_an_active_life
PBN	Project dissemination	Pending		
MH	Project dissemination	Pending	On line	https://mediahospital.wordpress.com/2017/06/29/online-il-sito-ufficiale-di-brainhome-online-the-official-website-of-brainhome/

HUMAN RESOURCES REPORT

Partner org. acronym	Effort in person/ months for the reporting period	Effort in person/ months remaining	Remarks
1. SIVECO	51 PM	14 PM	We involved experts with a lower rate than estimated at the beginning of the project. Even if the effort is higher than

			initial estimation, we won't exceed the approved budget and we will implement all activities which are in our responsibility.
2. CCP	13 PM	18,5 PM	
3. MediaHospital	8 PM	19 PM	
4. PBN	17,72 PM	17, 29 PM	
5. KarmaInteractive	0 PM	20 PM	
6. UB	7,36 PM	23,64 PM	
TOTAL	97,08 PM	112,43 PM	

BUDGET

Partner org. acronym	Budget spent	Budget remaining
1. SIVCO	192121.77 €	203596.23 €
2. CCP	105416.46 €	123033.54 €
3. MediaHospital	40149.67 €	198250.33 €
4. PBN	71665.02 €	194786.98 €
5. KarmaInteractive	0 €	152258.00 € (TBD)
6. UB	37018.69 €	61218.31 €
TOTAL	446371.61 €	933143.39 €