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Title: Integrated Technology Ecosystems for ProACTive Patient Centred Care
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Release History

Version	Date	Status*	Revision Comments	Author
V0.1	20/03/2018	D	First draft sent to partners for update	Caoimhe Hannigan
V0.2	26/03/2018	D	First reviewed version with comments for additional information to specific partners	John Dinsmore
V0.3	28/03/2018	D	Included all outstanding information	Valentina Fiordelmondo
V0.4	29/0372018	D	Version ready for final review and submission	Evert-Jan Hoogerwerf
V1.0	30/03/2018	C	Final version	John Dinsmore

*Status of deliverables is indicated by abbreviations/terms as follows:

Draft (D): The deliverable is partially complete or complete but under review/revision before release.

Complete (C): The final deliverable document is 100% completed, reviewed and authorised for release by the partner responsible for the deliverable or the WP leader.

Revised (R): The final released document has been modified/updated with new content.

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Executive Summary

This document reports on the dissemination, communication and exploitation activities undertaken by the ProACT Consortium to engage with and promote the project to external audiences. This deliverable reports on the activities completed within the first 27 months of the project, along with activities that are in progress or are planned for the future. It is an update of D6.4. which was submitted in M12.

The report describes these activities with reference to the targets, plans and key performance indicators outlined in Annex 1, Section 2.2. of the ProACT Grant Agreement, in the ProACT Dissemination, Exploitation and Communication strategy (D6.2) and in the ProACT Communications Manual (D6.1). While each of these documents refer to plans for dissemination, exploitation and communication activities, the current deliverable reports on the actual implementation of these activities.

This document has been structured into five sections. The first section provides an introduction to the report, followed by Section 2, which provides a summary of the core objectives of the dissemination, exploitation and communication strategies for ProACT. Section 3 reports on dissemination and communication activities completed during M1-12 and 13-27 and on those that are already in planning/preparation for the next reporting periods. These activities are reported with reference to key performance indicators and targets set out in the Grant Agreement and in D6.2. Section 4 reports about activities undertaken to prepare the exploitation of the project results. Section 5, finally, assesses the overall results of the activities and discuss suggestions for further improvement of the strategy.

This deliverable will be periodically updated to reflect new activities completed across the lifespan of the project. The final update to the deliverable will be submitted in M42, to coincide with the conclusion of the project.

1 Introduction

The Consortium is fully aware that projects like ProACT can only lead to satisfactory results if interaction is sought with stakeholders in the field from an early stage. Especially in the rapidly developing sector of digital health and social care, it is of utmost importance not to work in isolation, but to allow stakeholders to influence choices to be made in the project. Part of this "iterative design" scenario is foreseen in the project in WP1, especially with regards to the identified potential user groups for ProACT. Another part is foreseen in WP6, where interaction is sought with the regional, national and international community of colleagues, policymakers, researchers, companies, etc. for the benefit of the project and others that are working for the digitalisation of health and social care in order to reach higher outcomes at all levels. Moreover, being funded with public money, the Consortium has a responsibility to inform about the project.

In the following sections the Consortium reports its efforts in interacting with a range of target audiences to disseminate project results, to communicate the project aims, activities and progress, and to lay the groundwork for exploitation of ProACT outputs as the project progresses. These target audiences are sometimes highly identifiable, reachable and "engage-able", and are sometimes more difficult to identify and to reach.

The reporting of factual data about completed activities is followed by a discussion on lessons learned and how these will impact on the project.

2 Communication, dissemination and exploitation objectives

The dissemination, communication and exploitation strategy for ProACT is outlined in D6.2., which also lists the following objectives:

Communication Objectives

- To raise awareness and ensure maximum visibility of key project facts, objectives, activities, and outputs among relevant stakeholders and the general public;
- To announce and promote ProACT events, in order to maximise attendance and engagement potential;
- To identify new stakeholders over time, who can contribute to the sustainability of ProACT;
- To highlight the relevance of ProACT for key stakeholders, by providing tailored information to help individuals identify whether ProACT matches their needs;
- To get feedback from relevant stakeholders;
- To share experiences and lessons learned with other researchers;
- To provide information about the Consortium and how to interact with project partners;
- To support dissemination objectives;
- To link different communication channels in order to implement a coordinated strategy and maximise the reach of communication activities.

Dissemination Objectives

- To make the knowledge, results, and outputs developed by ProACT available to the widest possible audience;
- To get feedback from relevant stakeholders;
- To enhance the project exploitation potential;
- To increase the knowledge base of digitally integrated and connected healthcare systems in trial site countries and the rest of the EU.

Exploitation Objectives

- To identify exploitable outputs and results, and to create an Intellectual Property Rights (IPR) Registry to list and track relevant outputs and results. This will be created in early 2017 to capture initial outputs from year 1, as the project progresses into the friendly trial and subsequent main proof of concept trial.
- To ensure strongest exploitation potential of these outputs at both the individual partner level and at the level of the Consortium as a whole, in order to support the development of their current activities and possibly enable development of new activities.

While "dissemination" and "communication" refer to distinct, though interrelated concepts, there is a certain overlap between the dissemination and communication activities, and these activities will therefore be reported together in Section 3. While this deliverable highlights key project dissemination and communication processes, outcomes and results, it is important to note the process also involves collecting feedback from relevant target audiences (researchers, policymakers in health and social care), so that the exploitation potential of project activities is seen to address key societal challenges (e.g. in digital integrated healthcare, ageing and multimorbidity self-management). This approach will enhance the visibility of the consortium and funding agency.

"Exploitation" on the other hand refers to consolidating the project outputs and outcomes for further research and/or the development of projects and services, as well as exploring business models and models for transferability and scaling up. This is an evolving process throughout the programme, with increasing activity reported as the overall ProACT system is finalised and tested in the field.

For the ProACT consortium it is important to show that well balanced and coordinated communication, dissemination and exploitation activities, though different in nature, strengthen each other (Figure 1).
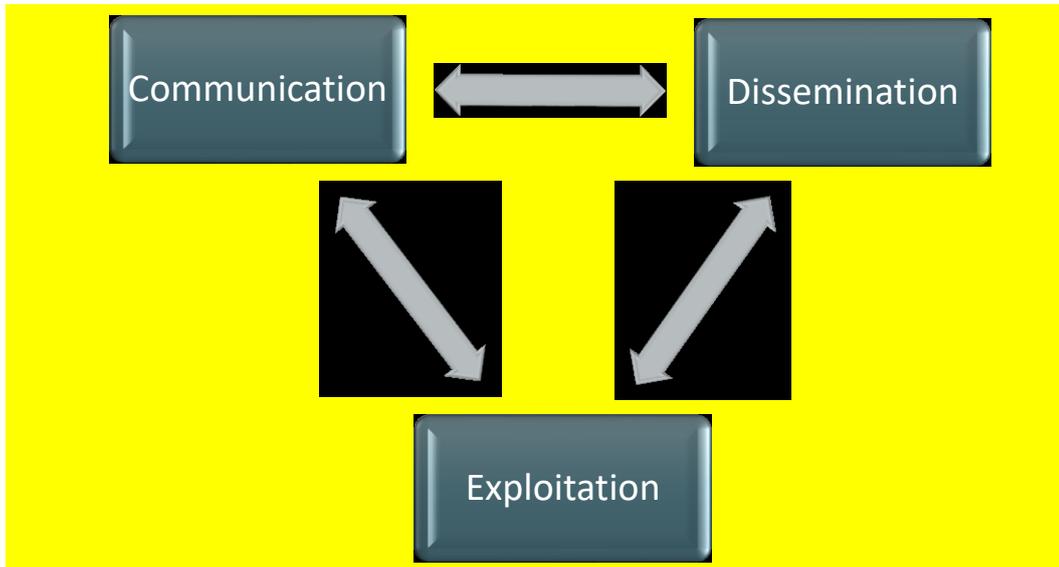
Figure 1: Communication, dissemination and exploitation activities in ProACT strengthen each other

With reference to the project cycle it is logical that between M1-12 the focus of the work packages has been on planning and communication activities, in order to create visibility and interest in the project as well as facilitate dialogue with key stakeholders. Starting from M11 activities have seen an increasing focus on dissemination as well as communication, as results from the first phase of the project were exploited. This has been going on until M24, with also efforts to connect with other H2020 project consortiums and other key players in the field. More recently dissemination efforts are also related to recruiting possible participants for the pilots. Commercial exploitation activities are foreseen in the final phases of the project. At all times the consortium is cognisant of reviewing and maximising the use of project outputs and discussing best practices for disseminating, communicating and exploiting these outputs.

3 Dissemination and communication activities

3.1 Scientific publications

Target:

Scientific Publications	Number of peer-reviewed publications	2 publications per partner (including conference presentations) over the course of the project (Target 24 publications)

Summary Statistics:

	M1-12	M13-27	Total
Completed publications	0	17	17
Publications in preparation	1	4	4

Table 1: Scientific publications during M1-27

Author(s)	Partners	(preliminary) Title	Journal/Book title	Status (Published, submitted or planned)
Deparis, S., Pascale, A., Tommasi, P., Kotoulas, S.	IBM	An analytical method for multimorbidity management using Bayesian networks	Proceedings of Medical Informatics Europe 2018 [Conference Paper]	**Accepted for publication**
Doyle, J., Murphy, E., Hannigan, C., Smith, S., Bettencourt-Silva, J., Dinsmore, J.	DKIT (Lead) TCD; IBM	Designing digital goal support systems for multimorbidity self-management: insights from older adults and their care network	Proceedings of Pervasive Health 2018 [Conference Paper]	**Accepted for publication**
Tedesco, S., Sico, M., Garbay, T., Barton, J., O'Flynn, B.	TYNDALL	A comprehensive comparison of commercial wrist-worn trackers in a young cohort in a lab environment	Proceedings of WristSense 2018 [Conference Paper]	**Accepted for publication**
Malavasi, M., Desideri, L., Maluccelli, L.	AIAS, ASP	Verso una vita lunga un secolo. Le sfide del Welfare tra Integrated Care e nuove tecnologie.	Abitare Anziani [Journal Article]	**Published** January 2018

		(Towards a century-long-life: the challenges of welfare between new technologies and integrated care)		
Barton, J., O'Flynn, B., Tedesco, S.	TYNDALL	A review of physical activity monitoring and activity trackers for older adults	Studies in Health Technology and Informatics, 242, 748-754 [Conference Paper]	**Published** September 2017
Murphy, E., Doyle, J., Hannigan, C., Smith, S., Kuiper, J., Jacobs, A., Hoogerwerf, E.J., Desideri, L., Fiordelmondo, V., Brady, A.M., DInsmore J.	TCD (Lead), DKIT, IMEC, AIAS	Perceptions and use of technology to support older adults with multiple chronic conditions	Studies in Health Technology and Informatics, 242, 160-167 [Conference Paper]	**Published** September 2017
Hannigan, C., Doyle, J., Murphy, E., Smith, S., Dinsmore J.	TCD (Lead), DKIT	Experiences and perceptions of self-management for older adults with multimorbidity	Age and Ageing, 46 Suppl.3 pp. iii13-iii59 [Published Abstract]	**Published** September 2017
Smith, S., Doyle, J., Hannigan, C., Murphy, E., Dinsmore, J.	DKIT (Lead), TCD	Supporting older people with multimorbidity: Experiences of caregiver burden among paid care workers in Ireland	Age and Ageing, 46 Suppl.3 pp. iii13-iii59 [Published Abstract]	**Published** September 2017
Murphy, E., Doyle, J., Hannigan, C., Smith, S., Dinsmore, J.	TCD (Lead), DKIT	Perceptions and use of technology to support self-management for older adults living with multiple chronic health conditions within a care ecosystem	Age and Ageing, 46 Suppl.3 pp. iii13-iii59 [Published Abstract]	**Published** September 2017
Kuiper, J., Jacobs, A., Doyle, J., Murphy, E., Smith, S., Hannigan, C., Dinsmore, J.	IMEC (Lead); DKIT; TCD	Overcoming challenges of digital self-management in older adults with multimorbidity: the promise of social connectedness	European Geriatric Medicine, 8SI, S139 [Published Abstract]	**Published** September 2017
Lopez V., Betancourt-Silva J, McCarthy G., Kotolaus S., Mulligan N., Cucci F, Deparis S, Sbodio ML., Tommasi P., Segrave-Daly J., Cullen C., Hennesey C., McKeon B, Yadav N.,	IBM (Lead); TCD	Note Highlights: Surfacing Relevant Concepts from Unstructured Notes for Health Professionals, Healthcare Informatics	2017 IEEE International Conference on Healthcare Informatics DOI:10.1109/ICHI.2017.28 [Conference Paper]	**Published** September 2017

Kelly K, Olsen R., Dinsmore J., Brady AM.				
Dinsmore, J., Hannigan, C., Murphy, E., Kuiper, J., Jacobs, A., Smith, S., Doyle, J.	TCD (Lead), DKIT, IMEC	The impact of carer 'shared (disease management) responsibility' on 'shared decision making' for older persons managing multimorbidity	Proceedings of 3rd Congress of the European Academy of Neurology [Published Abstract]	**Published** July 2017
Malavasi M; Fiordelmondo V; Hoogerwerf EJ; Maluccelli L; Desideri L; Doyle J; Dinsmore J.	AIAS (Lead), DkIT, TCD	Towards the development of an integrated care platform for frail older adults: setting the technological priorities from a stakeholder perspective	*FortiAAL*, [Conference Paper]	**Published** June 2017
Tedesco, S., Barton, J., O'Flynn, B.	TYNDALL	A review of activity trackers for senior citizens: research perspectives, commercial landscape and the role of insurance industry	Sensors, 17(6), 1277 [Journal Article]	**Published** May 2017
Doyle, J., Hoogerwerf, E.G., Kuiper, J., Murphy, E., Hannigan, C., Dinsmore, J., Van der Auwermeulen, T., Albert, J., Jacobs, A., Maluccelli, L., Desideri, L., Fiordelmondo, V.	DKIT (Lead), TCD, IMEC, AIAS, ASP	Designing a proactive, person-centred, digital integrated care system	International Journal of Integrated Care, 17(5), p. A211 [Published Abstract]	**Published** May 2017
Doyle, J., Murphy, E., Smith, S., Hannigan, C., Kuiper, J., Jacobs, A. & Dinsmore, J.	DKIT (Lead), TCD, IMEC	Addressing medication management challenges for older people with multimorbidites	Pervasive Health (SIGCHI, 2017) [Conference Paper]	**Published** May 2017
Albert, J., Van der Auwermeulen, T.	IMEC	Why current business modelling doesn't work in digital health	Proceedings of the 2017 ISPIM Forum, Toronto, Canada [Conference Paper]	**Published** March 2017
Doyle, J., and colleagues	DKIT (Lead), TCD, AIAS, ASP, IMEC	Mapping care pathways for multimorbidity: implications for the design of a digital integrated care platform	Journal of Integrated Care [Journal Article]	**In preparation**

Smith, S and colleagues	DKIT (Lead), TCD	Supporting older people with multimorbidity: the burden of care for formal carers in Ireland and Belgium	Chronic Illness [Journal Article]	**In preparation**
Dinsmore, J. and colleagues	TCD, DKIT	Development of a behavioural change intervention strategy for ProACT using the BCW (Exact paper title to be confirmed)	TBC [Journal Article]	**In preparation**
Doyle, J. and colleagues	DkIT (Lead), TCD	Towards a digital self-management tool to support older adults with multimorbidity: Findings from user requirements	TBC	**Paper written, identifying venue.**

3.2 Presentations at conferences or workshops

Target:

Presentation at conference or workshop	Number of peer-reviewed publications	>2 international conferences per partner over the course of the project

Summary Statistics:

	M1-12	M13-27	Total
Presentation complete	7	24	31
Abstract submitted	0	6	6

Table 2: Conference presentations and submissions during M1-27

Date	Partners	Author(s)/ presenter	(preliminary) Title	Conference	National/ Inter-national	Status: Delivered, Paper Submitted, Planned
			REPORTING PERIOD 2: M13-27			
August 2018	TCD DKIT	Galvin, M., Doyle, J., Hannigan, C., Murphy, E., Smith, S., Dinsmore, J.	ProACT: Fostering patient involvement within the design of digital health solutions for multimorbidity	European Health Psychology Society Conference 2018, Galway, Ireland	International	Abstract submitted
August 2018	TCD DKIT IMEC	Dinsmore, J., Murphy, E., Hannigan, C., Kuiper, J., Jacobs, A., Galvin, M., Smith, S and Doyle, J.	ProACT: Interventional strategies to support individuals self-managing multiple chronic health conditions using a digital behavioural change intervention (DBCI)	European Health Psychology Society Conference 2018, Galway, Ireland	International	Abstract submitted

August 2018	TCD DKIT HISC	Hannigan, C., Murphy, E., Kuiper, J., Jacobs, A., Galvin, M., O'Byrne, E., Smith, S., Dinsmore, J., Doyle, J.	ProACT (Integrated Technology Ecosystems for ProACTive Patient Centred Care): Proof of Concept Trial: Study Protocol	European Health Psychology Society Conference 2018, Galway, Ireland	International	Abstract submitted
May 2018	TCD	Baranda J., Notarangelo I., Roque MJ., Barrue C., Sanchez-Rico de Heras., Andrieu L., Garel P., Kelly J, Vargiu E., Dinsmore J.	Enhancing the Value of Care to People: How Innovations Meet End-Users Needs in an Integrated Care Context. Presentation is a joint collaboration between all projects funded under PHC25-2015	International Conference on Integrated Care 2018, Utrecht, Netherlands	International	Accepted submitted - accepted
May 2018	DKIT TCD IBM	Doyle, J., Murphy, E., Hannigan, C., Smith, S., Bettencourt-Silva, J., Dinsmore, J.	Designing digital goal support systems for multimorbidity self-management: insights from older adults and their care network	Pervasive Health 2018	International	Abstract submitted - accepted
April 2018	IBM	Deparis, S., Pascale, A., Tommasi, P., Kotoulas, S.	An analytical method for multimorbidity management using Bayesian networks	Medical Informatics Europe 2018	International	Paper submitted - accepted
19/03/2018	TYNDALL	Tedesco, S., Sico, M., Garbay, T., Barton, J. and O'Flynn, B.	A comprehensive comparison of commercial wrist-worn trackers in a young cohort in a lab environment	WristSense 2018	International	Delivered
21/02/2018	TCD	Dinsmore, J.	ProACT: Designing a digital behavioural change intervention for multimorbidity self-management	4th UCL Centre for Behavioural Change Conference, London. [*Keynote Presentation*]	International	Delivered
02/01/2018	TCD (Lead) DKIT	Galvin, M., Doyle, J., Murphy, E., Hannigan, C., Brady, A.M., McCarron, M., Bowman, S., Smith, S., Dinsmore, J.	The role of design thinking in the application of PPI within the ProACT project	SPHeRE Network 4th Annual Conference 2018 [*Poster presentation*]	National	Delivered
04/12/2017	TCD	Dinsmore, J.	Advancing Digital Health	European Institute of Technology (EIT) Health Summit 2017 [Keynote Presentation]	International	Delivered

17/11/2017	DkIT	Doyle, J.	Digital Technologies to Support Healthy Ageing – End User Experiences and Lessons Learned	Irish Human Computer Interaction Conference	National	Delivered (Invited Keynote)
28/09/2017	TCD (Lead) DKIT	Hannigan, C., Doyle, J., Murphy, E., Smith, S., Dinsmore, J.	Experiences and perceptions of self-management for older adults with multimorbidity: a multi-stakeholder study	Irish Gerontological Society Annual Scientific Meeting 2017, Wexford, Ireland [*Platform presentation*]	National	Delivered
28/09/2017	DKIT (Lead) TCD	Smith, S., Doyle, J., Hannigan, C., Murphy, E., Dinsmore, J.	Supporting older people with multimorbidity: Experiences of caregiver burden among paid care workers in Ireland	Irish Gerontological Society Annual Scientific Meeting 2017, Wexford, Ireland [*Poster presentation*]	National	Delivered
28/09/2017	TCD (Lead) DKIT	Murphy, E., Doyle, J., Hannigan, C., Smith, S., Dinsmore, J.	Perceptions and use of technology to support self-management for older adults living with multiple chronic conditions within a care ecosystem	Irish Gerontological Society Annual Scientific Meeting 2017, Wexford, Ireland [*Poster presentation*]	National	Delivered
20/09/2017 – 22/09/2017	IMEC (Lead) TCD DKIT	Kuiper, J., Jacobs, A., Doyle, J., Murphy, E., Smith, S., Hannigan, C., Dinsmore, J.	Overcoming challenges of digital self-management in older adults with multimorbidity: the promise of social connectedness	European Union Geriatric Medicine Society Congress 2017,Nice, France [*Poster presentation*]	International	Delivered
14/09/2017	TYNDALL	Barton, J., O'Flynn, B., Tedesco, S.	A review of physical activity monitoring and activity trackers for older adults	AAATE Conference 2017, Sheffield, UK [*Platform presentation*]	International	Delivered
13/09/2017	TCD (Lead) DKIT	Murphy, E., Doyle, J., Hannigan, C., Smith, S., Kuiper, J., Jacobs, A., Hoogerwerf, E.J., Desideri, L., Fiordelmondo, V., Maluccelli, L., Brady, A.M., Dinsmore, J.	Perceptions and use of technology to support older adults with multiple chronic conditions	AAATE Conference 2017, Sheffield UK [*Platform presentation*]	International	Delivered

Date	Partner	Author	Description	Event	Scope	Status
12/09/2017	TCD	Dinsmore, J.	Including change management in project strategies. Presentation at the seminar: Change management as a success factor in the implementation, scaling up and transfer of digital health & social care solutions. A satellite event to the AAATE conference 2017.	Special thematic session at AAATE 2017 Conference, Sheffield, UK [*Workshop presentation*]	International	Delivered
12/09/2017	Philips	Berkel, C. van	Business opportunities in the era of digital transformation. Presentation at the seminar: Change management as a success factor in the implementation, scaling up and transfer of digital health & social care solutions. A satellite event to the AAATE conference 2017.	Special thematic session at AAATE 2017 Conference, Sheffield, UK [*Workshop presentation*]	International	Delivered
12/09/2017	AAATE	Hoogerwerf, E.-J. & Lewis, L.	Chair of the seminar: Change management as a success factor in the implementation, scaling up and transfer of digital health & social care solutions. A satellite event to the AAATE conference 2017.	Special thematic session at AAATE 2017 Conference, Sheffield, UK [*Workshop chairing*]	International	Delivered
12-15th/09/2017	ProACT Consortium	ProACT Consortium	Approved Conference Partners of the AAATE 2017: http://www.aaate2017.eu	AAATE 2017	International	Delivered
01/07/2017	DkIT	Doyle, J.	Digital Technologies to Support Older Adults Self-Managing Health and Wellbeing – Experiences and Lessons Learned	EU-China Innovation Forum on Active and Healthy Ageing	International	Delivered (Invited Keynote)
24/06/2017 – 27/06/2017	TCD	Dinsmore, J.	eHealth as a facilitator of shared decision making (SDM)	European Academy of Neurology 3rd Congress [*Invited special session keynote presentation*]	International	Delivered

25/06/2017	TCD	Murphy, E., Hannigan, C., Smith, S., Doyle J., Dinsmore, J.	ProACT: Using behaviour change theory to design a digital intervention	EIT Summer School [*Workshop presentation*]	International	Delivered
15/06/2017	AIAS	Malavasi M., Desideri L., Dinsmore J., Doyle J., Fiordelmondo V., Hoogerwerf E.J., Maluccelli L.,	Towards the development of an integrated care platform for frail older adults: setting the technological priorities from a stakeholder perspective	ForitAAL 2017 8th Italian Forum on AAL, Genova [*Platform presentation*]	National	Delivered
15/06/2017	TCD (Lead); DKIT	Dinsmore, J., Murphy, E., Hannigan, C., Brady, A.M., McCarron, M., Doyle, J.	ProACT: Developing a digital integrated care system to support persons managing with multimorbidity	mHealth and Behavioural Change Conference, NUIG, Galway, Ireland [*Platform presentation – invited speaker*]	National	Delivered
24/05/2017	DKIT (Lead) TCD IMEC	Doyle, J., Murphy, E., Smith, S., Hannigan, C., Kuiper, J., Jacobs, A., Dinsmore, J.	Addressing medication management challenges for older people with multimorbidities	Pervastive Health 2017: ACM, SIGCHI, Barcelona, Spain [*Platform presentation*]	International	Delivered
08/05/2017	DKIT (Lead) TCD AIAS IMEC ASP	Doyle, J., Hoogerwerf, E.J., Kuiper, J., Murphy, E., Hannigan, C., Dinsmore J., Van der Auwermeulen, T., Albert, J., Jacobs, A., Maluccelli, L, Desideri, L., Fiordelmondo, V. (DkIT, AIAS, ASP, iMINDS)	Designing a proactive, person-centred, digital integrated care system	17th International Conference on Integrated Care. International Foundation for Integrated Care. Dublin, Ireland. [*Oral poster presentation*]	International	Delivered
20/03/2017	IMEC	Albert, J., Van der Auwermeulen, T.	Why current business modelling doesn't' work in digital health	ISPIM Innovation Forum, Toronto [*Platform presentation*]	International	Delivered
04/03/2017	TCD (Lead) DKIT	Dinsmore, J., Murphy, E., Hannigan, C., Smith, S., Doyle, J.	Towards a digital behaviour change intervention for people with multiple chronic conditions to enhance self-management	14th Annual Psychology Health and Medicine Conference 2017 Royal College of Surgeons in Ireland, Dublin, Ireland.	National	Delivered

				[*Poster presentation*]		
REPORTING PERIOD 1: M1-12						
8/12/2016	TCD	Dinsmore, J. (TCD)	The Importance of Behavioural Change in Advancing Digital Integrated Care,	Irish Medtech CEO Forum – 'MedTech Rising' 2016, Galway, Ireland. [*Platform presentation*] Attended by 450 Medtech CEOs.	National	Delivered
26/10/2016	DkIT	Bond, R.	Collaboration, trust, and resource for more successful integration and convergence. (ProACT highlighted as exemplar of ICT platform for health and social care integration way ahead).	International Conference – 'Increasing Capacity for Age-Friendly Environments in Europe.' (Dublin, Ireland). [*Keynote presentation*] International conference addressing 'innovation for convergence' - examining links between age-friendly, healthy, smart and sustainable cities. Audience included: • The WHO – Global Network • European Commission, • Age-Platform Europe • Senior officials Biscay, Udine • Researchers UK, Holland, Ireland	International	Delivered

13/10/2016	TCD	Dinsmore, J.	Generating patient based evidence to measure patient reported outcomes: the role of digital health	European Federation of Neurological Associations Workshop: Putting the neurology patient at the heart of research and beyond. Trinity College Institute of Neuroscience, Dublin, Ireland [*Workshop presentation*]	International	Delivered
17/09/2016	TCD	Dinsmore, J.	EU Research and Industry Engagement	16th European Doctoral Conference in Nursing Science, Bern University, Switzerland [*Platform presentation – invited speaker*]	International	Delivered
25/06/2016	TCD	Dinsmore, J.	Digital Health: EU Research and Innovation.	Tech Connect Live Conference, Dublin Ireland [*Platform presentation – invited speaker*]	National	Delivered
20/06/2016	TCD	Dinsmore, J.	Building and developing a successful EU H2020 consortium and proposal.	29th international Symposium on Computer-Based Medical Systems (CBMS), Dublin, Ireland. [*Workshop presentation*]	International	Delivered
8-9/06/2016	DKIT	Doyle, J.	ProACT: Challenges in building and deploying innovative technology based solutions for integrated care and well-being of elderly.	AAATE Workshop 2016, Helsinki, Finland. Assistive technologies and other technologies for elderly people supporting independent living at home. [*Workshop presentation*]	International	Delivered

3.3 Organisation of Events, Conferences or Workshops

Target:

Organisation of events, conferences or workshops	Public engagement events / Organisation of conference or workshop/ Participation in activities organised jointly with other H2020 projects - Number of project hosted events Training/education workshops - Number of workshops - Number of attendees at workshops	2 project hosted events 2 x 30 participants in regional trial seminars 2 workshops for commercial bodies in final year of the project

Summary Statistics:

	M13-27
Project hosted events	1
Number of workshops (co-) hosted	5
Planned at M27	2

20th April 2018   **Organisation of a Conference: "Towards a century-long life: the health challenges between integrated care and new technologies"   [PLANNED]**

Exposanità International Fair in Bologna, 20th April 2018

The conference entitled "Towards a century-long life: the health challenges between integrated care and new technologies" is organised by ProACT and AIAS during the International Fair "Exposanità" held every two years in Bologna and entirely dedicated to the healthcare system. The aim of this conference is to create greater awareness of the opportunities offered by technologies to support integrated care pathways built around the person. The conference will present an in-depth analysis of the issues related to active and healthy aging, without neglecting the aspects related to the multimorbidity and the aging of people with disabilities. Some experiences will be described and the difficulties related to the practical implementation of the technologies will be discussed, as well as their role in creating bridges between the different actors of the healthcare system.

11th April 2018   European Connected Health Alliance Meeting [PLANNED]

Netwell CASALA will host the next meeting of the European Connected Health Alliance on April 11th. During this event, there will be 3 workshops focused on ProACT, led by DkIT and TCD. Expected attendees - 200, including health service executives, policy makers, academics, industry.

20th February 2018   ProACT Pre-Conference workshop at UCL Centre for Behaviour Change Conference
London, UK [Organisation of Workshop]

ProACT hosted a pre-conference workshop at the UCL Centre for Behavioural Change Annual Conference - Behaviour Change for Health: Digital & Beyond on the 20th February 2018. The workshop was entitled "Designing complex interventions - exploring the application of behaviour change theory". During this interactive workshop, the ProACT team presented outputs from the application of Human Computer Interaction and Behavioural Change methodologies to the design of the ProACT system - a complex, multi-stakeholder digital health intervention that aims to target multimorbidity in older adults. Workshop participants engaged in a number of interactive tasks that involved applying the Behavioural Change Wheel (Michie et al, 2014) to the design of a complex intervention, using stakeholder personas derived from the ProACT user requirements study. The workshop was fully booked with 35 participants attending the session.
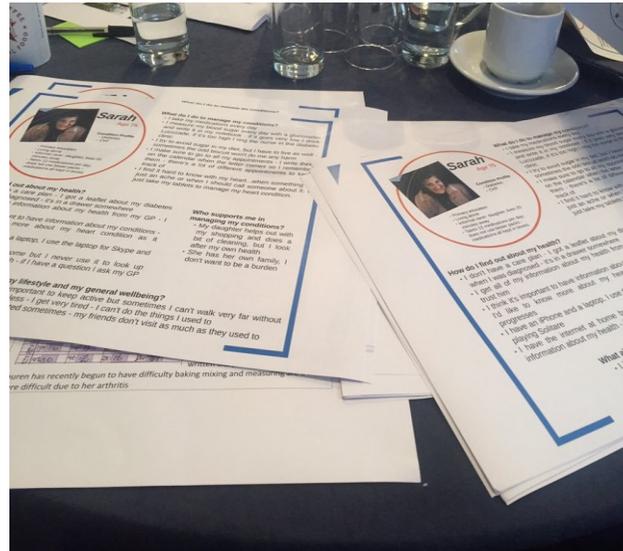
Figure 2: Images from ProACT Pre-Conference Workshop at UCL Centre for Behaviour Change Conference

13ᵗʰ December 2017   ProACT and CATRENE H2020 Project Workshop
Cork, Ireland

A half day joint workshop was organised as part of the Cork Consortium Meeting on Dec 13ᵗʰ, 2017 with the CATRENE project H2O (http://www.h2o-project.eu/index.php). 20 members from ProACT and 13 from H2O attended, to listen to presentations from both projects, followed by a discussion session and a social dinner.

12th September 2017   **Change Management as a Success Factor in the Implementation, Scaling Up and Transfer of Digital Health and Social Care Solutions. (A satellite event to the 14th AAATE Conference 2017)**
Sheffield, UK, 12 September 2017

The seminar entitled "Change management as a success factor in the implementation, scaling up and transfer of digital health & social care solutions" was organized by ProACT, AAATE and InLife, with support of the European Commission and the collaboration of EHTEL (European Health Telematics Association), the Scirocco project consortium, the European Association of Service Providers to Persons with Disabilities and the European Connected Health Alliance. In this seminar, we explored some of the success factors related to organisational change in the implementation, scaling up and transfer of digital health & social care solutions. Tools that can help to understand how to support implementation, scalability and transferability of digital health and care solutions in the UK and in Europe were presented. The seminar focused on the experiences of person-centred technology deployments to support care recipients in their self-management and independence, including remote monitoring.
Speakers: George Crooks (NHS 24 / Scotland's national Telehealth and Telecare organisation) Horst Krämer (European Commission) Cees van Berkel (Philips Health Care) Brian Donnelly (CECOPS) Toni Dedeu (Government of Catalonia) John Dinsmore (Trinity College Dublin) Arlene Astell (University of Reading) Donna Henderson (NHS 24, UK) Andrea Pavlickova (NHS 24, UK), Stuart Anderson (University of Edinburgh, UK), Jon Txarramendieta Suarez (Kronikgune, Spain) Lisa Lundgren (Region of Norrbotten, Sweden) David Prendergast (INTEL, Ireland). *Chairs:* Evert-Jan Hoogerwerf & Leo Lewis (AAATE)

Figure 3: Opening session of the Change Management seminar in Sheffield

| **4ᵗʰ July 2017** | **Organisation of workshop: "Connected and integrated care? Participated, qualitative and sustainable social and health services in a changing society. The possible role of technologies"** |

Pre-Consortium Meeting workshop, Bologna

AIAS and ASP organised a workshop entitled "Connected and integrated care? Participated, qualitative and sustainable social and health services in a changing society. The possible role of technologies" with the aim to create awareness of the opportunities offered by technologies to support integrated care pathways built "around the person". Around 50 stakeholders participated at the workshop where the potentials and difficulties related to the implementation of technologies in practice were discussed, as well as the possibility of creating bridges between the different actors of the 'caring system'. ProACT project was presented as a case studies and as potential platform for the management of health and social system's users.

Figure 4: Gianluca Borghi (ASP President) and Massimiliano Malavasi (AIAS Bologna, ProACT team).

26th June 2017   **ProACT Behaviour Change workshop, EIT Summer School**
Trinity College Dublin

ProACT hosted a workshop entitled "ProACT: Using behaviour change theory to design a digital intervention" at the EIT Summer School, Trinity College Dublin, 26th June 2017. 36 PhD/M.Sc. students and postdoctoral fellows from Human-Computer Interaction, Computer Science and Engineering, Health Sciences and Psychology participated in this interactive workshop. We presented the Behaviour Change Wheel using ProACT as a case study to demonstrate a practical application of behaviour change theory in the field of digital health. We explored how the COM-B model can support the design of a digital health intervention and also help to define user requirements.

Figure 5: Participants at ProACT EIT Summer School Workshop

D6.12. Report on dissemination, exploitation and communication activities and events – Update 1

ProACT

8th June 2016　　　　　　　**Official Launch of ProACT**
　　　　　　　　　　　　　　　Science Gallery, Trinity College Dublin

Official launch of project by Minister of State for Mental Health and Older People, Helen McEntee T.D. The event also featured presentations from a number of ProACT partner representatives:

The launch event was attended by over 100 high level stakeholders from industry, academia, SMEs, and policy and advocacy organisations, along with patient and caregiver representatives from the ProACT research panel. Following the presentations, a reception was held to facilitate networking between partners and attendees, during which key technical partners (IBM, Philips and Tyndall) hosted demonstration tables to showcase technologies and devices.

Figure 6: Speakers at the ProACT Launch: (from L to R) Mr Barry O'Brien (IBM), Dr Gianluca Borghi (ASP Bologna), Mr Sybo Dijkstra (Philips), Prof Mary McCarron (TCD), Dr John Dinsmore (TCD), Minister of State Helen McEntee T.D., Dr Patrick Prendergast (Provost,

A press release was issued by the TCD Communications Office to national and international media to coincide with the event. Significant media coverage was secured as a result of this press release (see Section **Errore. L'origine riferimento non è stata trovata.**).

Live social media updates from the event were coordinated by TCD and supplemented by individual partner organisations' social media channels. The launch even was broadcast live on YouTube, and a video of the launch is available to view via the TCD School of Nursing and Midwifery YouTube Channel: https://www.youtube.com/watch?v=zgHd2NuEtCU

A photographer was in attendance; official photographs were issued along with press release and have been made available to all partners for promotion of the project via their websites, social media, and other channels. A videographer attended to capture footage from the event and to film interviews with key ProACT representatives; this footage has been used to create a series of promotional videos for the project (see Section 3.8.2).

Figure 7: Representatives from the ProACT Research Panel with Minister of State for Mental Health and Older People Helen McEntee T.D. at the ProACT Launch

3.4 Participation in other events (non-conference/workshop)

Target:

Participation in other events	Other talks/presentations (not at conference or workshop) • Number of talks Public engagement events attended • Number of external events attended	*Target number of other talks not specified in GA* >10 external events attended per partner

Summary Statistics:

	M1-12	M 13-27	Total
Number of other talks/presentations	17	23	40
Number of external events attended	17	23	40

Table 3: Other talks and presentations during M1-27

Date	Partner	Presenter(s)	Event title	National/ International	Objective	Audience (number and type)	Feedback collected
13/04/2017 (Planned)	HSCI	O'Byrne, E. Murphy, Ed.	Home Instead Senior Care Innovation Day.	International	Promotion of ProACT with Irish and international digital health companies, government health service representatives, Irish and	150 individuals including, Irish and Swiss HISC franchise owners, Irish	

						Swiss HISC franchise owners and EIT Health members.	Health Service members, healthcare professionals, EIT Health members, digital health start-up and multinational companies.	
08/03/2018	IBM	Pascale, A Deparis, S	A statistical model for persons with multiple chronic conditions: the ProACT project Invited talk in Trinity College Dublin to data science students	National	Promotion of ProACT to students and young researchers	15 students of MSc., PhD and post-docs and professors	Raising awareness to potential collaborators, Discussions on methodology
02/03/2018	imec	Albert, J	Bundesfachausschuss für Medien Internet und Digitale Agenda der Freien Demokratischen Partei in Berlin	National	Promotion of ProACT with policy-makers in Germany and collection of feedback regarding the readiness of implementing an innovation such as ProACT	80 members of the party consistent of members of the German parliament, people holding offices for the party and invited industry experts	Idea and potential of ProACT was greatly acknowledged, but in general policy makers are unprepared for such innovative solutions in terms of standards for data-protection and efficiency-determination.
06/02/2018	TCD DKIT IBM	Hannigan, C Murphy, E Pascale, A Doyle, J Deparis, S Tommasi, P	Designing a digital health intervention for older adults with multimorbidity Guest talk as part of Science Gallery Dublin "Science Espresso"	National	Promotion of ProACT to general audience	30-40 members of general public and research community	

			Series, SPARKS Exhibition				
01/02/2018	HISC	Murphy, E.	Home Instead Senior Care Owner's Meeting	National	Update HISC main stakeholders on ProACT and advise them on how ProACT could be commercialised and adapted as an added value care service.	30 HISC franchise owners and HISC head office members.	Suggestions of how ProACT could be used to overcome the shortage of carers in Ireland at the moment.
17/01/2018	AAATE	Ferrando, M.	Ageing better in Real Life! Second IN LIFE project workshop. Madrid	International	Participation in panel discussion on the transferability study that will be conducted in ProACT.	60 international experts in eHealth	New contacts with potential informants for the study.
12/01/2018	TCD	Dinsmore J; Galvin M; Hannigan C; Murphy M; B; McCarron M; Brady AM,	Poster presentation at 2nd Joint Gathering of eHealth Ireland and Northern Ireland: Connected Health Ecosystems	National	Promotion of ProACT to key stakeholders working in eHealth in Ireland/Northern Ireland	Approx. 100 industry, academic and healthcare stakeholders	
04/12/2017	IMEC	Jacobs, A.	Voka Health: Presentation 'How technology keeps our cities health and makes them smarter' at Voka Health event	National	Presentation to present ProACT, create awareness on the project and its targets and spot recruitment opportunities	80 people from business, local government and health organisations	
30/11/2017	TCD	Dinsmore J; Galvin M; Hannigan C; Murphy M; B; McCarron M; Brady AM,	Poster presentation at ADAPT Industry Showcase, Croke Park, Dublin, Ireland	National	Promotion of ProACT to key stakeholders and industry partners working in the field of digital health and AI	Approx. 300 industry and academic stakeholders	
23/11/2017	HISC DkIT	Smith, S. O'Byrne, E,	Health Care Assistant Conference Ireland.	National	Introduce carers to ProACT and the general idea of using	500 carers from various home	Many carers had never

					technology in their role as caregivers for older adults. Promote ad familiarise carers across Ireland to ProACT.	care organisations around Ireland, as well as various homecare provider directors and management staff. A number of health-related organisations e.g. Diabetes Ireland were also in attendance.	experienced using technology in their role as carers but were open to the idea of supporting a client and using technology. They outlined some apprehension about time constraints which highlighted further the need for time saving and efficiency in the industry at present.
09/11/2017	DkIT	Bond, R and Doyle, J.	Presentation of SIMS platform as part of EU Innovation Radar Prize awards at ICT Proposer's Day Budapest	International	Promotion of SIMS platform within ProACT,nominated for an Innovation Radar award	Approx. 500 industry, policy and academic stakeholders	
18/10/2017	TCD	Dinsmore J	Health Research Board H2020 Work Programme Launch 2018-2020 - Presentation: My Experience with EU Research and Being an EU Coordinator	National	Promotion of H2020 programme, EU research and experience of being the coordinator of the ProACT project	150-200 academics, industry, services, policy groups interested in applying for a H2020 award	Approached by different team in IBM Ireland to collaborate in grant building on ProACT. Submission due in April 2018
11/10/2017	AIAS	Malavasi M.	Invited talk at the seminar "Technologies serving independence", organised by the LHT (AUSL Bologna)	National	Highlighting the importance of new instruments and AAL for the autonomy. Presentation: ""Autonomy and safety in the living environment: Ambient assisted living and tools to	70 health care managers and professionals	

Date	Partner	Authors	Title	Level	Purpose	Audience	Notes
					increase autonomy in everyday life"		
29/09/2017	TCD IBM	Dinsmore, J Hannigan, C Murphy, E Pascale, A Tommasi, P Deparis, S	ProACT Demonstration stand at PROBE 2017: Event organised by Science Gallery Dublin as part of MCSA European Researchers Night	International	Promotion of ProACT to general public Distribution of promotional materials and demonstration of key technologies	100-200 members of general public	
28/07/2017	DkIT	Doyle, J.	Invited seminar at City University London, Centre for Human Computer Interaction Design	International	Promotion of ProACT to staff, students and invited members of the public	Approx. 25 academics and older people from the community.	
26/07/2017	TCD	Dinsmore J	Invited talk to the Global Brain Health Institute (GBHI), TCD Dublin	National	Promotion of ProACT to the staff and students of the GBHI on ProACT and future collaborations	15	Several staff have followed up regarding future EU funding opportunities.
04/07/2017	TCD, DkIT, AIAS, ASP	Dinsmore J. Hoogerwerf EJ Hannigan C Murphy M Smith S Doyle J	ProACT: Designing a system for Multimorbidity Self-Management. Guest talk at AIAS offices in Bologna	National	Promotion of ProACT to regional health services and academic institutions	40-50	N/A
20/06/2017	DkIT	Doyle, J.	Invited seminar at De Montfort University, Leicester	International	Promotion of ProACT to researchers and Phd Students	Approx 40 people (academics)	
14/06/2017	TCD	Dinsmore J	Invited speaker to the launch of the Irish eHealth Research and Innovation Network (ERIN) – Talk on	National	Promotion to key Irish stakeholders involved in digital health. Included academic, industry, health service, health professional	80-100	John Dinsmore invited to join the ERIN advisory board.

			engaging in EU research and ProACT		and health policy representative		
12/05/2017	AIAS	Malavasi M.	Training Course: Assistive Technologies and solutions for the quality of life: basic notions	National	Highlighting the role of AT as solution for the "Safety in the activities of everyday life" and for "Controlling the surrounding environment autonomously". Promotion of ProACT as potential platform.	60 professionals	
12/04/2017	TCD DkIT	Dinsmore J., Murphy E., Hannigan C., Smith S., Brady AM., McCarron, M., Doyle J.	Trinity Week Symposium - Technology in Healthcare: Health in Our Changing World; Discover, Understand, ACT	National	Presentation on ProACT: Developing a Digital Integrated Care System to Support Persons Managing with Multimorbidity

Aim of the event is to promote TCD research activity to the public and stakeholders from healthcare sector | 100 | N/A |
| 03/02/2017 | AIAS | Hoogerwerf E.J. | Training Course: The contribution of technologies to support frailty and age-related difficulties in a multidimensional approach | National | Presentation "The challenge of the integrated care", Promotion of ProACT to health and social care professionals. | Approx. 70 health and social care professionals | |
| 02/02/2017 | AIAS | Malavasi M. | Training Course: The contribution of technologies to support frailty and age-related difficulties in a | National | Presentation Environment and technologies to support autonomy, safety and prevention: home automation and Active Assisted Living " | Approx. 70 health and social care professionals | |

			multidimensional approach				
REPORTING PERIOD 1: M1-12						
22/12/2016	TCD	Hannigan, C. (TCD)	*ProACT: A digital health solution for multimorbidity.* Presentation at Trinity eHealth Breakfast Meeting, eHealth Ireland Innovation Showcase 2016.	National	3 minute project pitch highlighting potential impact on digital health or medicine in 2030; to showcase key projects in TCD related to eHealth	Approx. 100 attendees from industry, academia, health services, connected health ecosystem in Ireland, CCIOs	Highlighted ProACT as a key project related to eHealth in TCD; networking with potential collaborators working in similar areas
22/12/2016	TCD	Dinsmore, J. (TCD)	*Advancing ProACTive Digital Integrated Care – the challenges and opportunities facing an ageing society.* Presentation at HSE Innovation Showcase Science Gallery Dublin	National	Presentation providing an overview of ProACT and the potential impact of the project in the context of the ageing society in Ireland.	Estimated 100 - 150 attendees from industry, academia, health services, connected health ecosystem in Ireland, CCIOs	Project was highlighted particularly at a national health service level. Outcome has led to extensive talks with the national lead team for outpatient services and integrated care in Ireland. The aim of talks is to see how ProACT could be trialled and scaled in the national trial sites from 2017 onwards.
01/12/2016	DkIT	Doyle, J. (DkIT)	*ProACT* Slide presented at European Connected	National	Highlighting how ProACT fits within the European Innovation Partnership on Active and Healthy Ageing,	100+ attendees from industry, health services and academia	N/A

Date	Partner	Author	Title	Level	Description	Audience	Outcome
			Health Alliance cross-border meeting.		through reference site Collage which DkIT are a member of	across Ireland, Northern Ireland and EU	
21/11/2016	AIAS	Malavasi, M. Desideri, L. (AIAS)	The AT Center in the Italian scenario: the multidisciplinary approach and service delivery methodologies, Santa Lucia Foundation, Rome, Italy	National	Highlighting the role of AT centres as knowledge hubs for innovation in Health and social care	20 Staff members of the Foundation Santa Lucia Rehabilitation Hospital in Rome	N/A
17/11/2016	TCD	Hannigan, C. (TCD)	*Designing a digital health intervention for older adults with multimorbidity.* Research seminar for students and staff at Maynooth University.	National	Seminar to provide an overview of ProACT; the role of psychology researchers in a project like ProACT and to present some findings from WP1	Approx. 25-35 attendees.; undergraduate and postgraduate psychology students and psychology teaching staff	Raising awareness of the project among students and staff at the university; highlighting the project to academic staff as potential collaborators for future proposals etc.
15/11/2016	iMEC	Jacobs, A. (imec)	AIPA (Ageing In Place Aalst) User Commission Day; Aalst, Belgium	National	Meeting of Living Lab AIPA on the exploitation of their yearly project results. An presented the ProACT vision and project objectives and sensibilized participants on the large scale pilot testing in Belgium.	70 regional attendees (policy makers, and representatives from care home & home care organisations)	Contacts interested in the rollout of the large scale pilot
07/11/2016	AIAS	Malavasi, M. (AIAS)	SPARK Initiative, Tecnopolo Mirandola	National	Using Canvas methodology to develop business models for AAL solutions; networking and synergies with other	40 researchers and developers	Sharing of methodologies in AAL business model development.

Date	Partner	Author	Title	Level	Description	Audience	Outcome
					research projects and local institutions		
3/11/2016	TCD	Dinsmore, J. (TCD)	Opportunities for collaborative work. Presentation at workshop: ASSISTID FP7 Marie Curie Fellow Research Forum, University College Dublin, Dublin.	International	Meeting of international Marie Curie Research Fellows and academic partner to discuss how best to build collaborative research programmes. ProACT was highlighted as an example of a programme within the EU context	50-60 Academic, policy, health service and business leaders in Ireland involved in EU research linked to the Marie Curie Programme.	Discussions have led to a separate group of fellows setting up a new exploratory research group at TCD to look at future collaboration in EU research programmes.
05/10/2016	EASPD	Kadyrbaeva, A. (EASPD)	ProACT Project Presentation at Meeting of eHealth stakeholders Group, Brussels	International	Meeting of expert representatives of European umbrella organisations active in the eHealth sector; Discussion of the implementation of eHealth Digital Service Infrastructure under the Connecting Europe Facility; Feedback from the Joint Action supporting the eHealth Network; Updates from stakeholder representatives.	About 35 expert representatives of European umbrella organisations active in the eHealth sector, including representatives of DG SANTE and DG CONNECT	Presented and highlighted ProACT as a key project related to eHealth; networking with potential collaborators working in similar areas.
04/10/2016	AIAS	Malavasi, M. (AIAS)	First Workshop Ausilia, Trento, Italy	National	Highlight innovative service delivery aspects related to digital innovation in the care sector.	100 local, regional and national stakeholders (policy makers, researchers, H&SC practitioners)	Strengthening of national network.

D6.12. Report on dissemination, exploitation and communication activities and events – Update 1

ProACT

16/09/2016	iMEC	Jacobs, A. (imec)	ProACT project presentation at Meeting of Wit Geel Kruis (WGK) Antwerp	National	WGK is amongst the biggest public home care organisations in Belgium. They are exploring opportunities for integrated care solutions and invited imec to elaborate on the ProACT project.	10 decision makers from WGK in Antwerp	Strong interest for collaborations in large scale pilot and possible exploitation of results.
28-30/07/2016	AIAS	Hoogerwerf, E.J. (AIAS)	WHO Expert Meeting on Disability prevention and Rehabilitation, Jakarta, Indonesia.	International	Challenges in Assistive Technology. Improving worldwide access to appropriate Assistive Technologies (AT).Discuss with Asian colleagues the challenges of the digital transformation of society and the opportunities offered by AT.	60 rehabilitation experts and doctors from South-East Asian countries.	Strong interest in collaboration. Appreciation for efforts.
14/07/2016	AIAS	Hoogerwerf, E.J. (AIAS)	ProACT Project video presentation. APRE (Italian Ministry of Health)–Horizon 2020 seminar	National	Illustrate the position of a successful service provider regarding access to Horizon 2020 funding.	100 experts, researchers and project managers.	Three in depth follow up contacts with stakeholders.
23/06/2016	AIAS	Malavasi, M. (AIAS)	7th Italian Forum on AAL, Pisa, Italy	National	In a wider presentation on HMI the ProACT project has been presented as a possible application area of alternative interfaces.	200 members of the Italian AAL community	Interest for speech recognition as an alternative input solution for older adults with poor digital skills.
02/06/2016	TCD	Dinsmore, J. (TCD); Doyle, J. (DkIT);	Guest Lecture on ProACT Project. MSc in Health Service Management, Trinity College Dublin	National	Guest lecture on various aspects of the ProACT programme to MSc students – primarily staff from HSE.	50 MSc students - Primarily staff and managers working in the	Presentation further highlighted to HSE staff the opportunities of

		Kotoulas, S. (IBM)				HSE national health service in Ireland	ProACT for linking into the health service. In following 6 months this helped with linking into smaller more focused HSE meetings.
28/04/2016	TCD	Dinsmore, J. (TCD)	*Digital integrated health – EU research and innovation.* The Internet of Things and Anlaytics in Healthcare, 'Use of IoT to support independent living' – Closed group of companies and services working in this space. INTEL LABS Europe, Dublin, Ireland.	National	To highlight ProACT as an EU project being led by TCD and establish new collaborative links for third parties who may be interested in working with the consortium in the future as part of any exploitation or commercialisation of the system.	Approx: 25 which include CEO's, CTO's and technical leads for tech companies, primarily SME's.	Companies have interlinked with TCD to examine future EU funding opportunities for building parallel to ProACT. Also keen to follow programme and see how they link in to future and post system development.
02/02/2016	TCD	Dinsmore, J. (TCD)	*Views on digital integrated care for older adults.* World Economic Forum Council – Global Agenda Council on ageing: Closed working group/meeting on the impact of dementia and ageing on financial services. BMA House, London, UK.[1]	International	To bring key stakeholder leading programmes in the ageing and technology/digital spaces together to discuss issues around linking into financial technologies associated with ageing and health. Outcomes to inform WEF report.	25-30	Report was developed by the WEF based on insights from the meeting.

Notes: [1]This meeting was strictly confidential and without prejudice; details will therefore be removed from the public version of this deliverable following review by the EC

Table 4: Promotion of ProACT at external events during M1-27

Date	Partner	Event	Type and Objective of participation	Audience (type and number)	Result
07/03/2018	Tyndall	UCC Meeting on Smart Aging Research Collaboration Opportunities	Meeting organised by Smart Ageing given by ISAX (Ireland Smart Ageing Exchange, http://isax.ie/) and talked to the presenters, introducing ProACT to them.	Relevant interested academics from UCC (15-20)	Interaction with experts and stakeholders. Raising awareness of ProACT activities
28/02/2018	AAATE	2018 B3 Action Group meeting in CoP of EIPonAHA Tutoring and replicating integrated care for chronic diseases (AG B3)	ProAct transferability study Infographics inserted in B3 presentation (See Annex 1)	Stakeholders leading integrated care programmes in their local, regional or national context. Eu experts on different topics linked with the transferability analysis. 200 participants at the event.	Raising awareness about ProAct objectives and transferability study. Inviting experts and professionals to contribute to ProAct activities
27-28/02/2018	AAATE	2018 Conference of Partners of the European Innovation Partnership on Active and Healthy Ageing (EIP on AHA)	Different interviews and focus groups discussing on the transferability study of ProAct	Stakeholders leading integrated care programmes in their local, regional or national context. Eu experts on different topics linked with the transferability analysis. 200 participants at the event.	Interaction with around 25 experts and stakeholders. Engaging relevant experts and professionals in ProAct activities
27-28/02/2018	EASPD	2018 Conference of Partners of the European	Distribution of flyers, networking with potential	Relevant health & care actors at EU, national and	Interaction with experts and stakeholders. Raising

		Innovation Partnership on Active and Healthy Ageing (EIP on AHA)	stakeholders in Transferability Study	regional levels across different policy areas to handle a specific societal challenge of active ageing and involve all the innovation chain levels. About 200 participants at the event.	awareness of ProACT activities
25/01/2018	EASPD	H2020: Adaptive smart working and living environments supporting active and healthy ageing	Distribution of flyers, networking with potential stakeholders in Transferability Study	About 40-50 experts from European countries	Interaction with experts and stakeholders. Raising awareness of ProACT activities
17/01/2018	AAATE	2018 InLife Project Final workshop	Participation in Round table to discuss objectives and research steps of the ProAct Transferability Study	Stakeholders and experts on ICT, health and care domains. Around 70 participants	Raising awareness about ProAct objectives and transferability study. Inviting experts and professionals to contribute to ProAct activities
26-27/10/2017	EASPD	Flourishing Lives Supportive communities and sustainable development	Distribution of flyers, networking with potential stakeholders in Transferability Study	About 150 social care and support providers across Europe	Interaction with experts and stakeholders. Raising awareness of ProACT activities
28/06/2017	TCD	Health Research Board Recognition Event for Irish Research in H2020	Coordinator John Dinsmore received certificate award in recognition of EU research leadership	300 attendees from academic, government, industry, services and policy involved in H2020	Coordination certificate award for EU Research Leadership
29/01/2017	Tyndall	Meeting of the Cork County Age Friendly group	Distribution of flyers, networking with potential stakeholders	10-15 caregivers, health care professionals	Interaction with stakeholders. Raising awareness of ProACT activities
06-07/12/2016	AIAS; TCD	European Summit for digital innovation for	Distribution of flyers, invitations to ProACT seminar, Sheffield 2017	2.000 stakeholders: policymakers, researchers, ngo's, professional	The presence at the summit has helped to establish a stronger network and to

		Active and Healthy Ageing. Brussels		organisations, other ICT for ageing project consortiums.	prepare the content of the ProACT seminar in Sheffield 2017. Confirmation of "change management" as a critical factor.
30/11/2016	TCD	Software as a medical device: factors to translate software in the Healthcare Arena. Workshop hosted by The Digital Hub Development Agency, Molecular Medicine Ireland and Health Research Board CRCI. The Digital Hub, Dublin, Ireland.	Attendance and promotion of ProACT during networking sessions	Approx. 100 stakeholders: SME, industry, academia	Significant interaction with experts in the fields of data protection and regulation for the development of digital health devices. Team made several key advisory contacts that can be approached to support ProACT activity.
19/10/2016	EASPD	SEMINAR "Technology for unlocking human potential: roadmaps for closing the digital divide for people with disabilities"	Distribution of promotional materials	120 stakeholders: service providers, organisations interested in PCT/ AT, academia	Interaction with key stakeholders involved in the digital health tech space, enabling significant promotion of ProACT.
12/10/2016	EASPD	Conference: Reducing the burden of chronic diseases in the workplace. Brussels, Belgium.	Distribution of promotional materials and discussed ProACT with other attendees.	140 stakeholders: public health, healthcare professionals, patients' organisations, policy makers	Interaction with key stakeholders involved in chronic disease management and care enabling significant promotion of ProACT.
23/06/2016	Tyndall	Caregiver symposium: healthy ageing, focus on caregiver stress. University College Cork, Cork.	Engagement with ProACT representatives in the area of health ageing and caregiver stress – The role of the caregiver forms a significant part of the ProACT programme	25-50 stakeholders present.	Interaction and shared exchange of knowledge between ProACT representatives and other national experts in the areas of ageing and caregiver stress

27/05/2016	Tyndall	Workshop on "Palliative care in neurodegeneration with a focus on dementia: addressing complex questions through interdisciplinary research and reflection". Kingsley Hotel, Cork.	Engagement with ProACT representatives in the area of dementia research.	50-100 stakeholders present	Interaction and shared exchange of knowledge between ProACT representatives and other national experts working in the field of dementia and ageing,
26/05/2016	Tyndall	Health Tech Event: Photonic Systems for Life Sciences Applications. Tyndall Institute, Cork, Ireland	Demo table hosted by Tyndall showing wireless sensor technologies for health applications, ProACT flyers displayed and distributed.	This event is mainly addressed to academic and non-academic hospitals, clinical engineers, research institutions, universities, health tech manufacturers and designers, insurance companies, regulatory institutions and service providers. Approx. 80-100 attendees	Significant awareness of the programme was raised by attendees to the event.

3.5 Media Coverage/Press Activity

Target:

Media Coverage/ Press Activity	Number of media articles, interviews etc.	>5 media articles per press release

Summary Statistics:

	M1-27
Number of media coverage items	33

Table 5: Media coverage achieved during M1-27

Date (first retrieved)	Lead (origin) Partner	Journal/Radio/ TV Channel/ Website	Title (if available)	Link (if available)	Typical audience
19/03/2018	DkIT	Radion - LMFM	10 minute interview about the ProACT trial and recruitment		Covering 2 Irish counties, approximate total population of 324,000
16/03/2018	DkIT	Radio – Dundalk FM	10 minute interview about the ProACT trial and recruitment		Local to the Dundalk area. Approximate population of 40,000
18/11/2017	DkIT	Independent.ie (Irish national newspaper)	Piece relating to SIMS being nominated for the EU Innovation Radar Award		National

07/11/17	DkIT	Irishtechnews.ie	Piece relating to SIMS being shortlisted for the EU Innovation Radar Award		National
06/10/17	DkIT	Dkit News	Piece relating to SIMS being nominated for the EU Innovation Radar Award		University news delivered to staff, students and alumni.
03/10/17	DkIT	Glunis.com	Piece relating to SIMS being nominated for the EU Innovation Radar Award. Details of SIMS and voting procedure.		Global directory of universities
28/10/2016	IBM	ZD Net (Online)	IBM's Watson does healthcare: Data as the foundation for cognitive systems for population health	http://www.zdnet.com/article/watson-does-healthcare-data-as-the-foundation-for-cognitive-systems-for-population-health/	Large international audience of Technologists, industry, SME's, academics, researchers, entrepreneurs. On 21/12/2016 article shared 75 times on facebook and 371 times on LinkedIN
19/09/2016	TREE	Treelogic Website (online)	Press release and project presentation (in Spanish)	http://www.treelogic.com/web/guest/sala-de-prensa/noticias/-/journal_content/56_INSTANCE_yB9r/10137/123701	Technologists, industry, SME's, academics, researchers, entrepreneurs
15/09/17	DkIT	Ec.europa.eu	Piece relating to SIMS being nominated for the EU Innovation Radar Award. Details of SIMS and voting procedure.		European
3/09/2015	DKIT	NetwellCASALA website (online)	NetwellCASALA involved in successful Horizon 2020 application ProACT	http://www.netwellcasala.org/netwellcasala-involved-in-successful-horizon-2020-application-proact/	University students and staff including academics and researchers, industry and technologists
August 2016	AIAS	AIAS National Journal	"Parte ProACT, progetto che punta sull'innovazione per la cura di anziani e disabili"	Print	The national journal is mailed to all members of the AIAS federation (14.000 members organised in 120 local sections)

July 2016	TCD	Horizon 2020 Projects: Portal, Issue 11, July 2016.	"ProACTive healthcare" (Interview with ProACT Coordinator Dr John Dinsmore)	http://www.horizon2020publications.com/H11/index.html#105	EU wide audience of researchers, academics, policy groups, industry, services, SME's etc all involved in or applying to H2020 programmes
07/07/2016	AIAS	GLIC website	Press release and project presentation	http://www.centriausili.it/glic/?az=vwnot&IdNotizia=104	The institutional website of the association of independent assistive technology centres is followed by an Italian audience of members, health and social care administrators, other interested audience.
June 2016	ASP	ASP Website	Press release and project presentation	http://www.aspbologna.it/index.php/archivio-news/2053-proact-nuovi-orizzonti-per-le-tecnologie-per-la-qualita-della-vita http://www.aspbologna.it/files/Comunicato_ProACT.pdf http://www.aspbologna.it/files/Scheda_ProACT.pdf	The ASP website is followed by an Italian audience of members, health and social care administrators, other interested audience.
June 2016	EASPD	EASPD website (online)	"Launch of ProACT, a Horizon 2020 project on developing an integrated technology ecosystem for patient-centred care"	http://www.easpd.eu/en/content/launch-proact-horizon-2020-project-developing-integrated-technology-ecosystem-patient	EASPD members + wider target audience
June 2016	DkIT	Age Friendly Ireland website	NetwellCASALA @DkIT leads Irish trials for €4.67M EU H2020 project to revolutionalise digital healthcare for older people	http://agefriendly.ie/louthagefriendly/proact/	General public, older adults, service organisations, not for profits, health professionals and health services.
20/06/2016	TCD	Medical Independent (online)	New cutting-edge health technology to enable older people with chronic illnesses to be treated in their own	http://www.medicalindependent.ie/92081/first_study_on_mobile_technology_for_chronic_disease_and_its_implications_for_healthcare_practice_in	Health professionals, researchers, health advocacy groups, policy groups, health services and researchers/academics.

			homes launched by Minister of State for Older People.		
20/06/2016	TCD	Digital Health Age (online)	Health Tech Improves Chronically Ill People's Lives	http://digitalhealthage.com/health-tech-improves-chronically-ill-patients-lives/	Health professionals, researchers, health advocacy groups, policy groups, technologists, industry, SME's, academics, researchers, entrepreneurs
14/06/2016	EASPD	News article on EASPD website (online)	"New cutting edge health technology to enable older people with chronic illnesses to be treated in their own homes".	http://www.easpd.eu/en/content/new-cutting-edge-health-technology-enable-older-people-chronic-illnesses-be-treated-their	EASPD members + wider target audience
13/06/2016	TCD	Tech Central (online)	Trinity College Research to Revolutonise Digital Healthcare for Older People	http://www.techcentral.ie/trinity-college-research-to-revolutionise-digital-healthcare-for-older-people/	Technologists, industry, SME's, academics, researchers, entrepreneurs
11/06/2016	TCD	Senior Times (online)	"New cutting edge health technology to enable older people with chronic illnesses to be treated in their own homes"	http://seniortimes.ie/3899-2/	National magazine dedicated to over 50s in Ireland. Over 3,000 paid subscribers (print); 2,500 free requested list (print) and online version. Distributed to active retirement groups, libraries, GP surgeries, health centres nationwide.
10/06/2016	Tyndall	News item on Tyndall website to coincide with ProACT official launch (online)	"Cutting-edge tech to help those with chronic illnesses to be treated at home".	https://www.tyndall.ie/news/cutting-edge-tech-to-help-those-with-chronic-illnesses-to-be-treated-at-home/	University students and staff including academics and researchers, industry and technologists
10/06/2016	DkIT	DkIT Times	NetwellCASALA @DkIT leads Irish trials for €4.67M EU H2020 project to revolutionalise digital healthcare for older people	https://www.dkit.ie/news/netwellcasala-dkit-leads-irish-trials-%E2%82%AC467m-eu-horizon2020-project-revolutionise-digital-healthcare-older-people	University students and staff including academics and researchers.

9/06/2016	TCD	Irish Times (print and online)	"Trinity digital health project ProACT to benefit chronically ill"	http://www.irishtimes.com/business/technology/trinity-digital-health-project-proact-to-benefit-chronically-ill-1.2677249	Leading national newspaper in Ireland; 317,000 daily readership (print) 7.5 million users monthly (online)
8/06/2016	TCD	Department of Health (Ireland) website (online)	"Minister McEntee launches Trinity College Dublin ProACT programme"	http://health.gov.ie/blog/press-release/minister-mcentee-launches-trinity-college-dublin-proact-programme/	Healthcare staff, officials, policy groups, government and national media.
08/06/2016	TCD	Dublin City FM (Radio)	Evening news radio interview with Dr John Dinsmore, ProACT Coordinator	Radio	General public
8/06/2016	TCD	University Times (online)	"€5 million digital health research project launched by Trinity"	http://www.universitytimes.ie/2016/06/e5-million-digital-health-research-project-launched-by-trinity/	University students and staff including academics and researchers.
05/06/2016	ASP	Newsletter di ASP Città di Bologna, Year III, N. 5 June 2016	Nuovi orizzonti per le tecnologie per la qualità della vita: il progetto ProACT	Print	Local health and social care community in Bologna
02/06/2016	imec	Announcement on SMIT, Vrije Universiteit Brussel webpage	ProACT – Major EU Research led by Trinity to Revolutionise Digital Healthcare for Older People	http://smit.vub.ac.be/blogpost/312/iMinds-SMIT_key_partner_in_ProACT_(Integrated_Technology_Ecosystems_for_ProACTive_Patient_Centred_Care)	Academics, media and Technologists
May 2016	TCD	Article in TCD Alumni Newsletter	"ProACT"	Print and email newsletter	Academics, researchers and a broad range of alumni associated with TCD.
March 2016	HISC	Home Instead website (online)	"Home Instead helps kick off pioneering EU Horizon 2020 research programme"	http://www.homeinstead.ie/news-events/2016/03/11/home-instead-helps-kick-off-pioneering-eu-horizon-2020-research-programme	HISC clients, staff, additional service providers, health service staff and representatives, informal and formal caregivers

Date	Partner	Channel	Title	Link	Target audience
February 2016	EASPD	EASPD Website News Section	Launch of ProACT, a Horizon 2020 project on developing an integrated technology ecosystem for patient-centred care	http://www.easpd.eu/en/content/launch-proact-horizon-2020-project-developing-integrated-technology-ecosystem-patient	Policy makers, academics, health and disability service providers, technologists and industry
February 2016	AIAS	AIAS website (online)	Project presentation	http://www.aiasbo.it/progetti/progetto-proact.html	The AIAS institutional website is followed by an Italian audience of members, health and social care administrators, other interested audience.

3.6 Press Releases

Target:

Press releases	Number of press releases per year	1-2 press releases per annum

Summary Statistics:

	M1-12	M13-27	Total
Press releases	3	2	5

The Table Below provides a description of the press releases .

Table 4: Press releases issued during M1-27

Issuer	Title + date of release	Details
DkIT	"ProACT Partner NetwellCASALA at Dundalk Institute of Technology nominated for a prestigious EU Innovation Radar Award". 04/10/2017	Press release issued by DkIT to coincide with NetwellCASALA's nomination for an EU award.
DkIT	Over 65's needed to test revolutionary new health self-management system being trialled by Dundalk Institute of Technology. 12/03/2018	Press release issued by DkIT to promote recruitment to the trial in local media outlets.
TCD (Main press release in English for ProACT partners)	"New cutting edge health technology to enable older people with chronic illnesses to be treated in their own homes – launched by Minister of State for Older People". 8/06/2016	Press release issued to coincide with ProACT official launch event. 8th June 2016. This press release was issued by the TCD Communications Office to national and international media. A copy of this press release is provided in Appendix B. As the coordinating partner this press release was the primary release for the project as part of the launch activity. The press release was disseminated in English.

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AIAS	"Nuovi orizzonti per le tecnologie per la qualità della vita. AIAS Bologna onlus e ASP Città di Bologna insieme per un importante progetto di ricerca." 8/06/2016	The press release (in Italian) introduces the ProACT project and the role of the Italian partners. Please see: http://www.aspbologna.it/files/Comunicato_ProACT.pdf
Irish Government Department of Health	Minister McEntee launches Trinity College Dublin ProACT Programme 08/06/2016	As TCD is the Irish partner coordinating the programme, to coincide with the Minster of State for Older Persons and Mental Health launching the programme a separate press release linked to the TCD release was issued from the Irish Government Depart of Health. Please see: http://health.gov.ie/blog/press-release/minister-mcentee-launches-trinity-college-dublin-proact-programme/

3.7 Other publications (non-peer reviewed)

Target:

Other publications (non-peer reviewed)	Number of other non-peer reviewed publications (e.g. whitepapers, policy reports, strategy reports or documents etc.)	*Target not specified*

Summary Statistics:

	M13-27
Number of other publications	2

Table 7: Other publications M1-27

Date	Title of publication	Details
12/09/2017	AAATE Conference Workshop Report: Change Management as a Success Factor in the Implementation, Scaling Up and Transfer of Digital Health and Social Care Solutions	15 Experts were invited to speak to a group of academics, industry, services providers and policy makers on the Workshop topic. The report generated from them is targeted at individuals focusing on change management as a factor in implementing digital health and social care solution within services. The report can be found here: http://aaate.net/activities/projects/446-2/
31/10/2016	Whitepaper on the needs and requirements of older people with multiple chronic conditions to self-manage their health	This white paper has been circulated widely to interested stakeholders the ProACT consortium has met with as well as the CBC Conference in London in Feb 2018 and form a commitment to the EIP-AHA B3 Action Group on Integrated Care. The whitepaper targets all stakeholders advancing digital health and multimorbid disease management.

3.8 Promotional Materials

Target:

Promotional materials	Number of print promotional materials Number of videos	*Target not specified in GA*

Summary Statistics:

	M1-27
Print promotional materials	3
Videos	14

3.8.1 Print promotional materials

A ProACT flyer (see Appendix A) was produced and 500 copies were printed for distribution at the official launch of the project and other events. These print copies are available to partners as required from TCD. The electronic version of this flyer is also available to all partners for distribution or additional printing; a PDF version of this flyer is available for download on the project website.

A roll-up banner was designed and produced to incorporate the ProACT visual identity along with individual partner logos; for promotion of the project at events organised by the Consortium or at events that members of the project team contribute to. This roll-up banner is stored by the coordinating partner (TCD) and is available to all partners on request.

An additional information flyer for the ProACT Proof of Concept trial was created with 500 print copies available for circulation, along with a PDF version available electronically. In addition to this, participant information booklets for four participant groups in the ProACT tria (PwMs, informal carers, formal carers and healthcare professionals) were designed as documents for professional print using desktop publishing software and 100-200 copies of each document were printed for distribution at the trial sites. These print promotional materials will aid participant recruitment along with more general promotion of the project.

3.8.2 ProACT Videos

A series ProACT videos were developed using footage captured at the ProACT official launch – a videographer captured footage from the event along with interviews with a number of project partners. TCD worked with this videographer to edit the footage into an 8-minute promotional video for the project, along with a series of shorter clips featuring snippets of interviews with representatives from partner organisations. These videos have been made available via a ProACT YouTube channel and on the ProACT website, and are used to promote the project via ProACT social media accounts. Project partners have also been encouraged to share the video via their own social media channels.
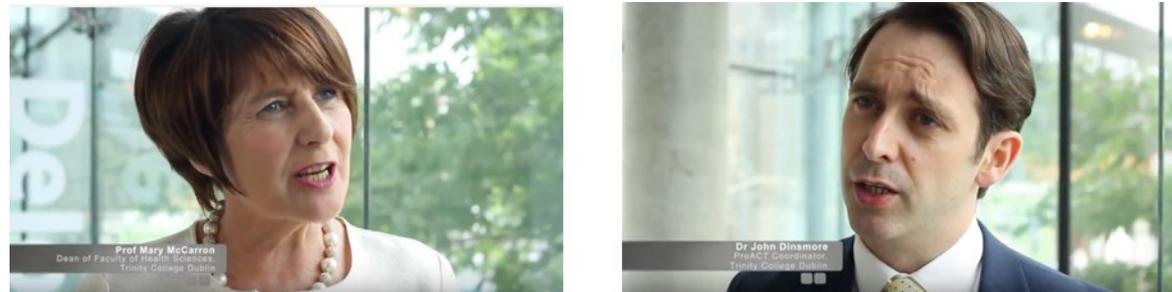
Figure 8: Screenshots from ProACT videos

Links to ProACT Videos:

Official Launch of ProACT – 8th June 2016: https://www.youtube.com/watch?v=U5NdQuza9Ls&t=24s

What is ProACT? - Dr John Dinsmore: https://www.youtube.com/watch?v=6yiqMe_HA_w

Digital Health Technologies for Self-Management – Dr John Dinsmore: https://www.youtube.com/watch?v=aRpr6z5eiFI

What is ProACT – David Walker: https://www.youtube.com/watch?v=SW8ape8n8Ns

Potential Impact of ProACT – Rodd Bond: https://www.youtube.com/watch?v=igScCNtipn4

Integration of Healthcare Systems – Dr Spyros Kotoulas: https://www.youtube.com/watch?v=BpZRJSZJGHE

Health System Innovation – Dr Anne Marie Brady: https://www.youtube.com/watch?v=siG9fWj3ZEs

ProACT System Integration – David Walker: https://www.youtube.com/watch?v=EQ_KzTLGaBs

ProACT: Role of Home Instead Senior Care – Ed Murphy: https://www.youtube.com/watch?v=n-H_Ot-nvas

Importance of ProACT for Trinity College – Professor Mary McCarron: https://www.youtube.com/watch?v=KaFsyLaXQVU

ProACT: Role of AIAS Bologna: Dr Lorenzo Desideri: https://www.youtube.com/watch?v=61s6ygRY8h8

ProACT: Role of Project Coordinator – Dr John Dinsmore: https://www.youtube.com/watch?v=pZ0sEXdoF4U

Trinity Centre for Practice and Healthcare Innovation – Dr Anne Marie Brady: https://www.youtube.com/watch?v=rqKH0Y97OIM

Another video was produced by AIAS Bologna as a contribution to a seminar organised by the Italian Ministry of Health on public-private partnerships in Health related research under EU funding programmes. Being unable to attend (due to the ProACT consortium meeting in Brussels) a video contribution was produced. The speaker, Evert-Jan Hoogerwerf, introduced the features of ProACT including the role of AIAS and addressed the role of end user representing or close-to-end-user organisations in the research collaborating with major companies. He further elaborated on reciprocal learning and organisational change as a factor for success.

AIAS Video presentation (featuring ProACT):
https://vimeo.com/174222623

3.9 Social Media

Target:

Social Media	Number of twitter followers Number of twitter posts Number of twitter engagements Number of Facebook page likes	3000 followers over project duration and 2 years post project >25 tweets per month >25 engagements per month >200 page likes

Summary Statistics:

	M12	M27	Total
Number of twitter followers	202	398	398
Number of twitter posts per month	24 approx.	19 approx.	19 approx.
Number of twitter engagements per month	94 approx.	114 approx.	114 approx.
Number of facebook page likes	62	74	74

Branded social media accounts for ProACT are established on Twitter, Facebook and LinkedIn, and regular updates to these channels are coordinated by TCD. A ProACT YouTube account was also established to host a series of videos from the ProACT project.

Table 8: ProACT Social Media Channels

ProACT Social Media	
Twitter	https://twitter.com/ProACT2020/
Facebook	https://www.facebook.com/proact2020/
LinkedIn	https://www.linkedin.com/groups/8475939
YouTube Channel	https://www.youtube.com/channel/UCPba02Hkf2rfPWY0OuWxTxw

A series of analytics illustrating activity and engagement metrics for the ProACT social media channels are provided in Table 9. In order to further promote the project and drive traffic to the ProACT social media accounts, ProACT partners have shared and engaged with updates via their own organisational and personal social media accounts.

Table 9: ProACT Social Media Analytics (Feb 2016 – Mar 2018)

	Metric	Total	Monthly average
Twitter	Followers	398	-
	Tweets and retweets	486	19
	Tweet impressions[1]	157,374	6053
	Tweet engagements[2]	2969	114
	Link clicks (from tweet)	384	15
	Retweets	397	15
	Likes	694	27
	Profile visits	12,516	481
	Mentions	312	12
Facebook	Page likes	74	-
YouTube	Videos uploaded	13	-
	Video views	997	39
LinkedIn	Group members	61	-

[1]Number of times users saw the tweet on twitter
[2]Total number of times a user has interacted with a tweet. This includes all clicks anywhere on the tweet (including hashtags, links avatar, username and tweet expansion), retweets, replies, follows and likes.

Figure 9: Selection of tweets from ProACT twitter feed

3.10 Website

Target:

Website	Page visits Downloads References from external websites	10,000 visits 80-100 downloads 15 external references

Summary Statistics:

	M1-12	M13-27	Total
Page visits	5,536	11,007	16,543

www.proact2020.eu

The first release of the ProACT project website went live in M2, providing an overview of the project, details of the Consortium and the personnel working on the project and information about how to contact the Consortium. Extensive updates to the project website were completed in M10/M11 to include additional content describing the project, links to media coverage of the project, photographs from project events and project promotional videos. A publications section was also added; the project information leaflet was made available to download, and additional publications will be added to this section over the coming months.

A new version of the ProACT website was developed by project partner DkIT and launched in early 2018. This version contained updates to all existing content to reflect the current state of the project. In addition, pages were added with content related to the ProACT trials. Additional options for downloads of publications were added to the site to facilitate direct download of PDF files for the available publications. The redevelopment of the website was also designed to allow more rapid and straightforward updating of content going forward, to facilitate ongoing content development.
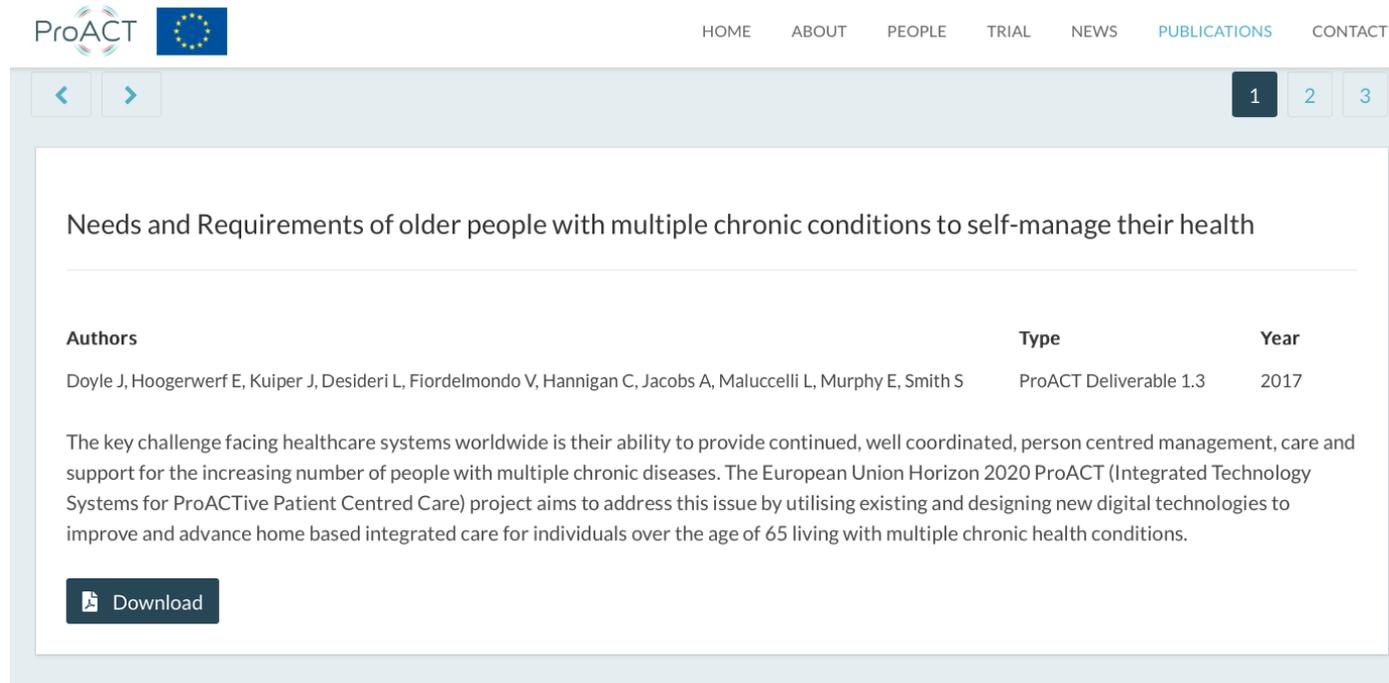
Figure 10: Screenshot of ProACT Website: Publications page

The website will continue to be updated across the course of the project, and will be kept available for a minimum of three years after the end of the project.

To date, the ProACT website has received 16,543 page views (see Table 10) from 4,865 users in approximately 100 countries (see Figure 11).

Table 10: ProACT Website Usage Statistics

Month	Sessions	Users	% New Users	Page Views	Avg. Session Duration
March 2016	216	141	34.7%	511	00:02:34
April 2016	241	180	31.1%	472	00:01:17
May 2016	294	203	38.1%	660	00:02:08
June 2016	369	285	30.6%	683	00:01:34
July 2016	219	176	32%	411	00:01:49
Aug 2016	197	164	26.9%	417	00:01:04
Sept 2016	181	142	32.6%	405	00:02:17
Oct 2016	239	180	31.8%	491	00:01:37
Nov 2016	394	272	36.5%	1073	00:02:49
Dec 2016*	241	165	79.9%	518	00:02:11
Jan 2017	283	219	80.1%	640	00:01:31
Feb 2017	272	194	79.2%	532	00:01:29
Mar 2017	193	142	77.5%	377	00:01:49
April 2017	178	137	81.2%	346	00:01:49
May 2017	339	260	79.1%	660	00:02:22
June 2017	256	201	80.5%	512	00:02:08
July 2017	176	147	82.4%	386	00:02:38
Aug 2017	181	147	81.2%	402	00:02:21
Sept 2017	251	192	79.6%	511	00:02:14
Oct 2017	270	203	75.4%	568	00:02:08
Nov 2017	287	208	80.4%	547	00:01:55
Dec 2017	229	167	83.3%	484	00:02:01
Jan 2018	263	183	77.1%	589	00:02:05
Feb 2018	315	226	76.6%	787	00:02:35
Mar 2018*	253	151	73.8%	3561	00:08:15
Total/Avg.	**6337 total**	**4685 total**	**62% avg.**	**16,543 total**	**00:02:16 avg.**

* Note: the figures for March 2018 were downloaded on 21st March 2018 and are subject to increase between 22nd -31st March 2018
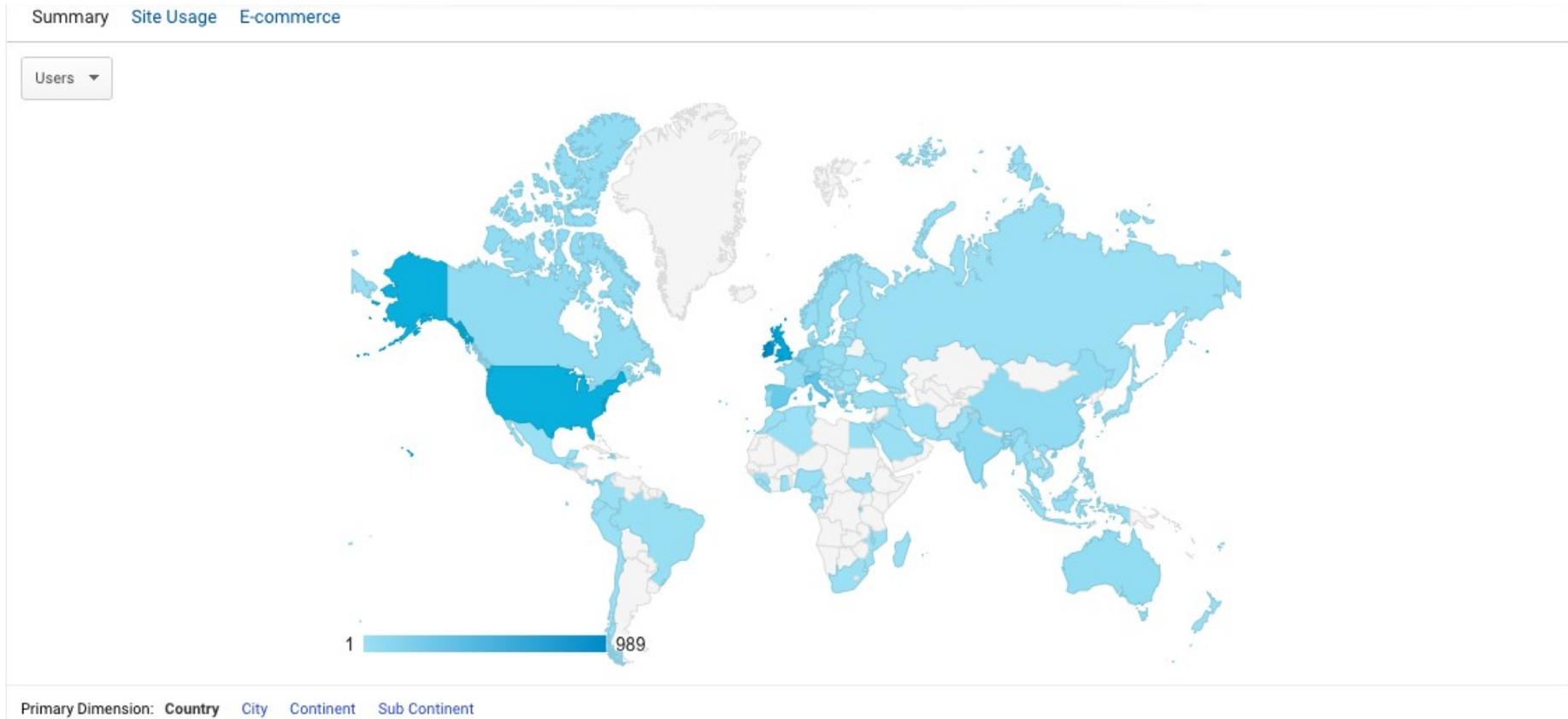
Figure 11: ProACT website audience overview (countries)

Project partners have shared links to the ProACT project website via their own organisation's websites; we have also secured references and links to the ProACT website on a number of external websites (see Table 5).

Table 11: Partner and External Website Referencing Links

ProACT Partners	
TCD	https://www.tcd.ie/tcphi/h2020-proact/
DkIT	https://www.netwellcasala.org/proact/
IBM	https://www.research.ibm.com/labs/ireland/EUProjects.html
IBM	http://researcher.watson.ibm.com/researcher/view.php?person=ie-Spyros.Kotoulas
Tyndall website (link to ProACT in 'Projects')	https://www.tyndall.ie/wireless-sensor-network
Tyndall website (link to ProACT in 'Projects')	https://www.tyndall.ie/biomechanics-and-motion-monitoring
Treelogic website	http://www.treelogic.com/web/guest/investigacion/big-data/-/journal_content/56/10137/104216
AAATE	http://aaate.net/activities/projects/446-2/
EASPD	http://www.easpd.eu/en/content/project-proact
AIAS Bologna	http://www.aiasbo.it/progetti/progetto-proact.html
AIAS Bologna	http://www.at4inclusion.org/en/english-i-progetti-in-corso/proact/
ASP	http://www.aspbologna.it/files/Scheda_ProACT.pdf
Non-Partner Sites	
EIP-AHA website	https://ec.europa.eu/eip/ageing/commitments-tracker/b3/support-proact-h2020-project_en
European Commission	http://cordis.europa.eu/project/rcn/199903_en.html
DOCTRID Research Institute	http://www.doctrid.ie/research/other-research-programmes.php l

3.11 Digital newsletter

Target:

Digital Newsletter	Number of subscribers Number of newsletters issued	>100 subscribers Up to 4 newsletters per year

Summary Statistics:

	M1-12	**M13-27**	**Total**
Number of subscribers	121	115	115
Newsletters issued	2	2	4

An electronic mailing list was established using the Mail Chimp online email marketing solution, in order to build a community of followers, collaborators, potential end-users and members of the general public who are interested in ProACT.

Key stakeholders from each target audience have been invited to subscribe to the ProACT mailing list to receive regular updates about the project via email newsletters. An online sign up form[1] is available and has been shared via the ProACT website and social media channels. At present there are **115 subscribers** to the ProACT mailing list.

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[1] http://proact2020.us6.list-manage.com/subscribe?u=97072049655abb29333d68fe8&id=1aa57890df
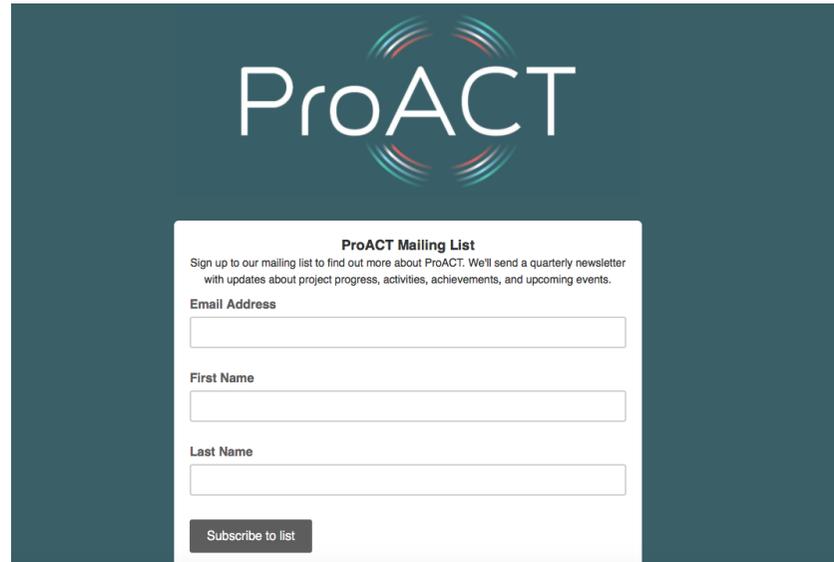
Figure 12: Screenshot of ProACT mailing list sign up form

Two project newsletters[2] were issued during M1-12; and a further two newsletters were released in M13-27[3]. The ProACT proof of concept trial commenced in M27; it is planned to have more frequent newsletters as a source of continued engagement with participants during the trial period (M27-M38) – newsletters will be released every 2 months during this phase of the project.

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[2] Proact Newsletter December 2016: http://us6.campaign-archive2.com/?u=97072049655abb29333d68fe8&id=3606dad64c&e=67b205b501
[3] ProACT Newsletter Jan 2018: https://mailchi.mp/fa127aa9ebef/proact-project-newsletter-january-2018
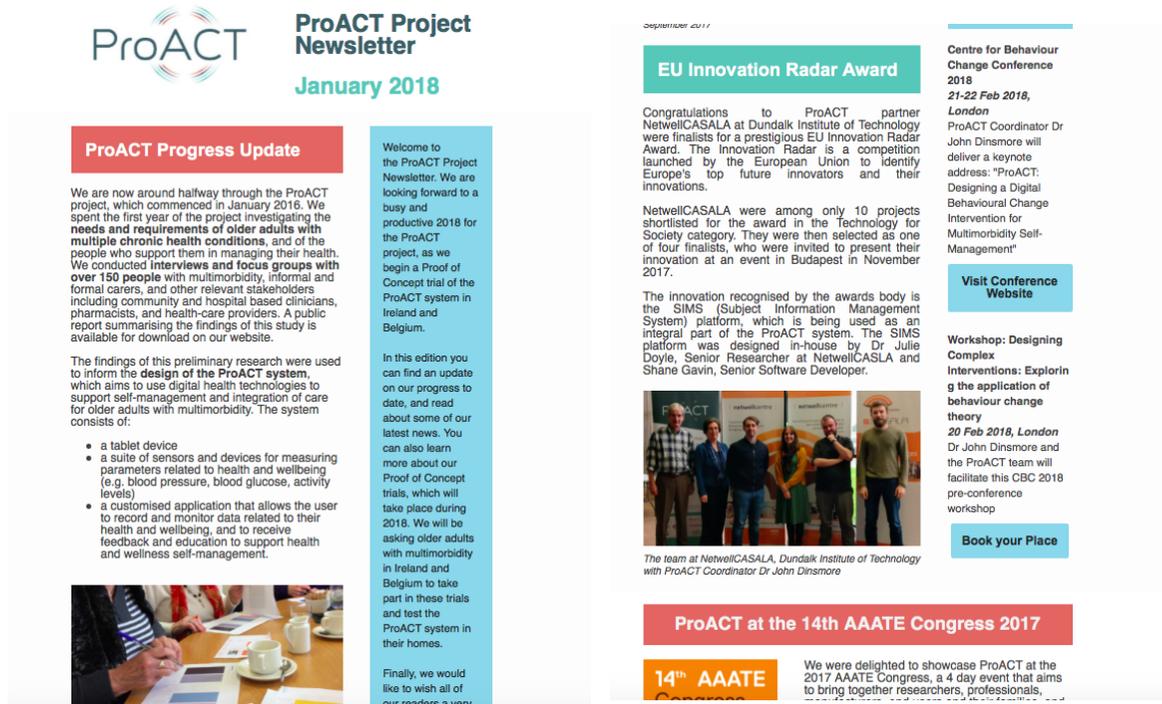
Figure 13: Screenshots from ProACT Newsletter

3.12 Trial site visits

Target:

Trial site visits	Number of individuals engaged in trial site visit	200

Summary Statistics:

	M1-12	M13-27	Total

Trial site visits will not commence until the system is effectively implemented in the PoC trial at the main trial sites. It is anticipated trial site visits for external groups will begin from June 2018.

3.13 Stakeholder meetings

Target:

Stakeholder meetings	Stakeholder meetings	100 stakeholders

Summary Statistics:

	M1-12	M13-27	Total
Number of meetings	20	50	70
Number of stakeholders	49	358	407

Over 2016 the ProACT consortium engaged in a total of 20 high level stakeholder meetings interacting with approximately 49 key influential stakeholders in digital integrated health and care as outlined below.

Table 12: High Level Stakeholder Meeting Overview

No.	Date	Partner(s)	Attendees project staff	Stakeholder(s)	N° of high-level stakeholders	Topics discussed	Feedback collected
1	28/01/2016	DkIT	Doyle	Lead Geriatrician of local HSE hospital in Louth	1	Meeting to present ProACT and seek engagement for requirements gathering process and ProACT trial.	Geriatrician and team took part in requirements gathering and have agreed to take part in main trial.
2	04/02/2016	AIAS	Hoogerwerf.	Head of Regional Government Agency for health and social care	1	Meeting to present ProACT and to raise the	Follow up meeting in 2017

						interest of the Agency for the project ambitions	
3	08/03/2016	AIAS	Hoogerwerf	Responsible for elder care of the District Bologna of the Local health Trust of Bologna (LHT)	1	Meeting to present ProACT and to ask for a collaboration on frailty prevention	List of persons to talk to.
4	17/03/2016	AIAS	Hoogerwerf	Director of the "District Bologna" of the LHT	1	Meeting to present ProACT and to ask for collaboration of the Local Health Trust. Information of approach to integrated care.	Feedback on needs and expectations of ProACT
5	25/03/2016	AIAS	Hoogerwerf	Director of the "District Casalecchio di Reno" of the LHT	1	Meeting to present ProACT and to ask for collaboration of the Local Health Trust. Information of approach to integrated care.	Feedback on needs and expectations of ProACT
6	30/03/2016	AIAS	Hoogerwerf	Director "Clinical Governance" of the General direction of the LHT	2	Meeting to present ProACT and to ask information about care pathways. Asking for collaboration.	Readiness to sign collaboration agreement between AIAS and LHT re ProACT.
7	31/03/2016	AIAS	Hoogerwerf	Director of the Department "Socio-Sanitary activities" of the LHT	1	Meeting to present ProACT and to ask for input on integrated care. Identification of key actors to work with in LHT.	Feedback on needs and expectations of ProACT
8	21/04/2016	AIAS	Hoogerwerf	European project manager of CUP2000 (Leading company in eHealth)	1	Meeting to present ProACT and to discuss previous experiences in the region.	List of regional key actors to talk to.
9	22/04/2016	ASP	Maluccelli	Director of Department of Frailty, Disability and Non	1	Presentation of the project and asking for	Periodic follow up meetings planned.

				Self-sufficiency of the City of Bologna		support and collaboration for its implementation	
10	28/04/2016	AIAS	Hoogerwerf	Head of "Home care" of the LHT	1	Meeting to present ProACT and to ask for collaboration with focus groups	Feedback on needs and expectations of ProACT
11	30/04/2016 – 01/12/2016	DkIT	Bond	Various meetings with REDZ – Regional Economic Development Zone programme, involving Louth County Council, Dept. of Art, Heritage and Culture	5	ProACT highlighted as an exemplar e-Commerce application (leveraging new Broadband), and ICPOP highlighted as a parallel paradigm shift in integrated community care.	ProACT platform will inform the development of the cross-sectoral integrated service model for (TEC) – and will set exemplar for a regional capacity development programme.
12	02/05/2016	AIAS	Hoogerwerf, Malavasi, Desideri	University of Bologna, Department of Biomedical Engineering Research team	4	Meeting to discuss collaboration in eHealth projects	Update on running projects and ideas for collaboration.
13	06/05/2016	AIAS	Hoogerwerf	Co-ordinator Department of Primary Care of the LHT	1	Meeting to present ProACT and to plan collaboration	Factual collaboration started.
14	14/06/2016	TCD, DkIT, IBM	Dinsmore Brady Hannigan Doyle Kotoulas	Department of Health Policy Strategy and Integration Unit Department of Health, Hawkins House, Dublin 2.	4	Meeting with 4 representatives from Department of Health in Ireland working on integrated care programmes for older adults and for chronic disease. Purpose of the meeting was to give an overview of ProACT and to identify possible	Keen interest in developing a collaborative relationship. Future meetings will be set in 2017 when the project is advanced.

						synergies and collaborations.	
15	21/07/2016	TCD	Dinsmore	Dr Z.Q. – GP	1	Meeting to provide an introduction to the project with a view to engaging with Dr Q. and her colleagues within the GP practice during the user requirements phase and also for recruitment etc. for the main PoC trials.	Stakeholder agreed to support project and facilitated the set up of a regional based GP practices in the needs and scoping analysis conducted in phase 1
16	24/08/2016	TCD	Dinsmore	Manager of Older Persons Services, Community Healthcare Organisation, HSE Ireland Trinity College Dublin	1	Meeting to discuss ProACT linking in with other HSE projects; to understand the transferability of the future ProACT system to possible populations outside those with multimorbidity or over 65	Keen interest in developing a collaborative relationship. Future meetings will be set in 2017 when the project is advanced.
17	07/09/2016	TCD, DkIT, IBM	Dinsmore Brady Hannigan Murphy Doyle Kotoulas	Health Services Executive in Ireland National Programme Manager, Integrated Care Programme for Older Persons (HSE) + Office of the Chief Information Officer (HSE)	2	HSE Ireland Integrated Care for Older Persons and eHealth Strategy Ireland Teams. Meeting to understand how best the ProACT teams link in with the future development of ProACT and potentially support recruitment for the main trial. Important to link in with these groups from a policy and health service level in the HSE. ProACT will continue to link in with these groups in	Keen interest in developing a collaborative relationship. Future meetings will be set in 2017 when the project is advanced.

						terms of project development, trial site access and how best to link the final system into the health service in Ireland.	
18	28/09/2016	ASP	Maluccelli	Deputee-director and Head of Sector Elderly Care of ASC InSieme, Azienda pubblica di servizi sociali dell'Unione dei Comuni, Valli del Reno, Lavino e Samoggia, Bologna	2	Presentation of the project and exchange of opinions on the opportunities to collaborate.	Will follow up on collaborative opportunities in 2017
19	01/10/2016 – 07/12/2016	DkIT	Doyle, Bond	Various meetings with representatives of THINKTECH award programme for Social Innovation. Evaluators and assessors for Social Innovation award: • Rep: from Google • Rep: from Dept of Local Gov. • Rep: from SIFI (social innovation fund for Ireland) • Rep: MHC – data protection specialists	5	DkIT background ICT is licensed as part of successful ALONE Platform submission for Social Innovation award. ProACT highlighted in submission as a future pathway for extensibility, further integration, greater impact and scale.	Maintain dialogue, between ALONE programme development and ProACT project team to explore downstream commercialisation possibilities.
20	10/10/2016 with follow up on 7/12/2016	DkIT	Bond	HSE Integrated Care Pathway for Older People (ICPOP) – Steering	10	Initial verbal presentation and overview of ProACT project / including	Invited to give demonstration of (core platform) to

				Committee for Northeast 'Pioneer Site' for pilot development. (Co Louth, Ireland). Steering committee including: • Senior Hospital Staff • Primary Care • Older People's Services • GPs • New Northeast ICPOP Team • National ICPOP programme rep;		background technologies to steering group.	next steering committee meeting. Open to consider as ICT platform for on-going ICPOP integration.
21	25/10/2016	DkIT	Bond	The Age-Friendly Ireland National Implementation Group comprise: • HSE – Director Health & Wellbeing • Several Local Authority CEs • Asst Comm. Garda Siochana • CEO Ageing Alliance of NGOs • CEO - Chamber of Commerce	12	Awareness raising of ProACT project at group meeting under AOB. (Dublin, Ireland). Verbal presentation – Raised awareness and provided overview to influential stakeholders and policy shapers of ProACT's potential impact on strengthening long term care.	Commitment to keep group informed of project progress.
22	26/10/2016	TCD	Dinsmore Hannigan	eHealth Ireland (HSE) Strategy Team Trinity College Dublin	1	Meeting to understand how best ProACT can link in with the HSE eHealth strategy team to showcase outputs from	Meeting led to ProACT team presenting at HSE Innovation Showcase Nov

							the project at a national level.	2016. Team will continue to link in with eHealth Ireland to raise awareness of the project.
23	11/11/2016	TCD	Dinsmore	Meeting with Electronic Health Record Project Manager for HSE - eHealth Ireland		1	Introduction to ProACT as part of ongoing links to the eHealth Ireland team. Aim will be to continue engagement to understand future implications for ProACT to link in with the planned EHR for Ireland.	Keen interest in developing a collaborative relationship. Future meetings will be set in 2017 when the project is advanced.
24	2/12/2016	DkIT	Bond	WHO Geneva – Meeting between Age-Friendly Ireland and WHO Global Ageing & Lifecourse Programme. (Geneva, Switzerland). Meeting of AFI (CEO) and 2 WHO policy officers addressing the evolution and embedding of the AFI programme in Local Government in Ireland.		3	Discussions included an overview of heath, social, environmental and technology innovations in Ireland supporting active and healthy ageing. ProACT highlighted as on-going ICT-based R&I activity reinforcing new WHO healthy ageing framework model addressing intrinsic capacity and functional ability (capabilities).	Opportunity to contribute to WHO Innovation for Ageing programme.
25	07/12/2016	AIAS, TCD	Hoogerwerf, Malavasi, Dinsmore	20 Colleagues other EU projects and networks, Ageing summit Brussels		20+	Meeting to present ProACT, its satellite event at Sheffield 2017 and requests for collaboration	Factual collaborations
26	20/12/2016	TCD; IBM; DKIT	Dinsmore Brady	Meeting with HSE Outpatient services		2	Meeting to discuss links between ProACT and	Keen interest in developing a

			Murphy Hannigan Doyle Kotoulas			HSE vision for outpatient services in Ireland; also to discuss access to potential additional trial locations in Ireland	collaborative relationship. Future meetings will be set in 2017 when the project is advanced
27	21/09/2016	TREELOGIC	Tatiana Silva	Meeting with DAPHNE project	10	Meetings with stakeholders and other partners of European projects that might be interested in ProACT activities. The objective was to find synergies between ProACT and identify possible ways of collaboration	Discuss potential collaboration if future
				M12-27			
	02/02/2017	TCD	Dinsmore	Meeting with Regional Ministry of Health of Andalusia (Spain)	2	Meeting with two senior advisors about possible collaborations in their region using ProACT	Discussions will continue and will be updated once trial has concluded 2nd action research cycle
	13/02/2017 17/05/2017 23/10/2017	TCD	Dinsmore	Meetings with the Health Service in Ireland (HSE) Outpatients Services Performance Improvement Programme	2	Continued discussions and updates on the development of ProACT.	HSE are keen to explore whether ProACT can be further piloted in Ireland. Demo days will be set up for the HSE from the 2nd action research cycle
	17/02/2017	TCD	Dinsmore	Meeting with Medicines Optimisations Centre	4	Meeting to discuss future collaborative funding opportunities	Led to submission of an InterReg CHITIN proposal led by ProACT partner

							DkIT in 2017. Presently proposal is under review.
	23/02/2017	DkIT	Doyle Bond Smith	Meeting with Health Service Ireland (HSE) ICPOP team	5		
	27/02/2017 13/06/2017	TCD DKIT	Dinsmore Murphy Hannigan Doyle Brady	Meetings with Prof. Susan Michie and Human Behaviour Change Project at UCL	8	Meeting to review the application of the BCW methodology to ProACT and discuss future collaboration	ProACT successfully adopted the methodology; Funding secured via EDGE Fellowship Marie Curie Sklodowska Programme.
	28/04/2017 07/07/2017 18-19/07/2017 14-15/09/2017 09/10/2017 04-05/12/2017 15-17/01/2018 13/03/2018	TCD	Dinsmore	Series of meetings with EIT Health KIC partners to discuss collaborative opportunities within the EIT using outcomes from ProACT	50	Meetings/discussions with partners that include; Medtronic, University of Barcelona, ABBVIE GMB etc. Meetings in Dublin, London, Heidelberg and Grenoble.	ProACT will seek to submit to the EIT Innovation by Design in November 2018.
	08/05/2017 18/10/2017	TCD	Dinsmore	Meeting with pharma company Merck.	8	Meeting to discuss future collaborative opportunities	Discussions will continue and will be updated once trial has concluded 2nd action research cycle
	11/05/2017	TCD	Dinsmore	Meeting with AT&T	10	Meeting set up with support of the Irish Development Agency to look at digital health	Initial meeting and overview of work. AT&T would be keen to follow up if

						based research at TCD. Focus on ProACT	they base related activities in Ireland/EU.
12/05/2017	DkIT	Doyle, J.	Meeting with academic staff from Global Brain Institute, TCD	15		Meeting to give an overview of ProACT	
16/05/2017 19/09/2017 05/03/2018	TCD	Dinsmore McCarron	Meeting with UK-Wales NeuroVillages programme	6		Meetings to discuss the possible future application of ProACT to the NeuroVillage programme in Swansea Wales. Partners include Swansea University, Kings College London and Fujitsu	Discussions are progressing. Funding for the programme needs finalised before next steps. This should occur by summer 2018.
12/07/2017	DkIT	Doyle, J.	Attended pint of digital health - networking event hosted by the CIO of the HSE	60		Presentation and discussion of ProACT	
27/07/2017	TCD	Dinsmore Hannigan Murphy	Meetings with the Technical University of Bern, Switzerland	12		Series of meetings exploring the collaborative opportunities around ProACT and Digital Health	Discussions will continue in 2018
25/08/2017 27/09/2017	DkIT TCD	Doyle Dinsmore	Meetings with the University of Ulster	2		Discuss EU INTERREG CHITIN application	Application completed and submitted
10/08/2018	IMEC	Keiper, J. Jacobs, A.	Meeting with prof. dr. Steven Callens from the Department of Infectious Diseases, UZGent	1		Meeting to present ProACT and discuss possibilities for collaboration	The department, under supervision of prof. dr. Callens, will help with recruitment for the main trial

	28/08/2017	HISC	O'Byrne, E.	HISC Franchise Owner (Fairview).	1	Meeting to present ProACT and seek engagement for recruitment ProACT main trial.	Owners have agreed to assign franchise team member to assist in identifying and screening of clients to assess eligibility to take part in main trial.
	29/08/2017 20/11/2017	TCD	Dinsmore	Meetings with Cushman and Wakefield	2	Meeting to discuss future collaborative opportunities linked to a dementia village in London	Discussions will continue in 2018 as more details become available.
	07/09/2017	TCD	Dinsmore	Meeting with Groningen University, Netherlands	5	Presentation on ProACT to academics in the area of digital health. Aim to look for possible collaborative opportunities.	Discussions will continue in 2018
	12/09/2017	DkIT	Bond, R.	Steering committee meeting	8	Meeting to discuss the HSE's Integrated Care Programme for Older People	
	12/09/2017	IMEC	Kuiper, J.	Meeting with board of Hartezorg vzw (hartpatient organisation)	4	Meeting to present ProACT and discuss possibilities for collaboration	The organisation will be involved in the recruitment for the main trial
	11/09/2017 05/02/2018	TCD AAATE	Dinsmore Murphy Lewis	Meetings with the H2020 Scirocco project	3	Meeting to to discuss future collaborative opportunities	Presently looking at how the maturity tool could be applied to ProACT from our 3rd action research cycle.

	14/09/2017 10/10/2017	TCD	Dinsmore	Meetings with the West Midlands Academic Health Science Network and NHS Birmingham	2	Meetings to to discuss future collaborative opportunities and pilot in Birmingham region of the UK	Discussions will continue and will be updated once trial has concluded 2nd action research cycle
	17/09/2017	HISC	O'Byrne, E.	HISC Franchise Owner (Ballsbridge).	1	Meeting to present ProACT and seek engagement for recruitment ProACT main trial.	Owners have agreed to assign franchise team member to assist in identifying and screening of clients to assess eligibility to take part in main trial.
	29/09/2017	IMEC	Jacobs, A.	Meeting with AIPA (Aging in Place Aalst, living lab) coordinator and team	4	Meeting to discuss further possibilities of AIPA being involved in the recruitment of main trial, like in the requirements phase	AIPA will recruitment in their own channel and regional partners for the main trial
	06/10/2017	TCD IBM	Dinsmore Kotolaus	Meeting with University College London	2	Meeting to discuss collaboration between TCD, IBM and UCL on a Maire Curie EDGE Fellowship building into ProACT	Grant applied for and successfully achieved. Fellow due to start June 2018.
	10/10/2017	HISC	O'Byrne, E.	HISC Franchise Owner (Swords).	1	Meeting to present ProACT and seek engagement for recruitment ProACT main trial.	Owners have agreed to assign franchise team member to assist in identifying and screening of clients to assess eligibility

							to take part in main trial.
	13/10/2017	IMEC	Kuiper, J. Jacobs, A.	Meeting with representatives of the Vlaamse Apothekers Netwerk [Flemish Pharmacists Network]	4	Meeting to present ProACT and discuss possibilities for collaboration	Interest from several of the regional departments, at least the Brabants Apothekers Forum will participate in main trial.
	20/10/2017	TCD	Dinsmore	Meeting with Open Clinical	3	Meeting to discuss collaborative opportunities.	Dr. Zara Quail GP is linked with Open Clinical and will support recruitment in the ProACT trial.
	24/10/2017	IMEC	Kuiper, A.	Meeting with Pharmacists Association of the Antwerp region	6	Meeting to present ProACT and discuss possibilities for collaboration	Further collaboration is not foreseen for now, due to focus on own medication scheme which is incompatible with proact medication app.
	26/10/2017 19/11/2017 22/12/2017 01/01/2018	TCD	Dinsmore	Meetings with the H2020 REACH project	4	Meeting to to discuss future collaborative opportunities	Presently looking at H2020 and EIT calls for collaboration from late 2018 onwards
	09/11/2017	TCD HISC	Dinsmore Ed Murphy	Meeting with David Weiglet VP of Innovation HISC Global (US Office)	1	Meeting to to discuss future collaborative opportunities around ProACT	Presently looking at internal HISC, H2020 and EIT calls for collaboration from late 2018 onwards

D6.12. Report on dissemination, exploitation and
communication activities and events – Update 1

ProACT

	Date	Partner	Author	Event/Title	No.	Description	Outcome
	12/11/2017	HISC	O'Byrne, E.	HISC Franchise Owner (Nutrgrove).	1	Meeting to present ProACT and seek engagement for recruitment ProACT main trial.	Owners have agreed to assign franchise team member to assist in identifying and screening of clients to assess eligibility to take part in main trial.
	15/11/2017	HISC	O'Byrne, E.	HISC Franchise Owner (Louth).	1	Meeting to present ProACT and seek engagement for recruitment ProACT main trial.	Owners have agreed to assign franchise team member to assist in identifying and screening of clients to assess eligibility to take part in main trial.
	15/11/2017	IMEC	Kuiper, J. Jacobs, A.	Meeting with dr. Bert Vaes from CEBAM general medicine	1	Meeting to present ProACT and look at parallels in work and possible future collaboration	Exchange of their knowledge/expertise to use in further designing ProACT.
	30/11/2017	TCD AIAS	Dinsmore Hoogerwerf	Meetings with the H2020 INLIFE project	4	Meeting to to discuss future collaborative opportunities around ProACT	Presently looking at how the gamification aspects of INLIFE could be applied to ProACT from our 3rd action research cycle.
	04/12/2017	DkIT	Doyle, J. Smith, S.	Meeting with the COPD clinic at Our Lady of Lourdes hospital (clinical nurse specialists)	3	Meeting to discuss the project and recruitment.	

	Date	Partner	Person	Event	No.	Description	Notes
	11/01/2018	TCD	Dinsmore	European Connected Health Alliance Stakeholder meeting	40	Meeting of selected stakeholders/members to discuss networking/collaborative opportunities	TCD hosted linked seminar event on 12/01/2018 and DkIT will host event and workshop in April 2018
	11/01/2018	IMEC	Kuiper, J.	Meeting with Quality Coordinators of Sint Blasius hospital	3	Meeting to present ProACT and discuss possibilities for collaboration	Due to waiting period to add new recruitment channels from EC, contact suspended until at least end of march.
	18/01/2018	DkIT	Doyle, J. Smith, S.	Meeting with public health nurses, Drogheda, Ireland	24	Meeting to discuss the project and recruitment.	
	22/01/2018	TCD	Dinsmore	Meeting with UMEA University (Sweden)	1	Meeting to discuss future collaborative opportunities around ProACT	Presently looking at H2020 and EIT calls for collaboration from late 2018 onwards
	25/01/2018	DkIT	Doyle, J. Smith, S.	Meeting with the heart failure clinic (consultant and clinical nurse specialists) at Our Lady of Lourdes hospital	4	Meeting to discuss the project and recruitment	
	31/01/2018	DkIT	Doyle, J. Smith, S.	Meeting with Diabetes Ireland	2	Meeting to discuss the project and recruitment	
	05/02/2018	TCD	Dinsmore	Eindhoven University of Technology	1	Meeting to discuss future collaborative opportunities around ProACT	Presently looking at H2020 and EIT calls for collaboration from late 2018 onwards
	12/02/2018	TCD	Dinsmore	University of Barcelona/Hospital Clinic	1	Meeting to discuss future collaborative	Presently looking at H2020 and EIT calls for collaboration

	Date	Partner	Person	Activity	No.	Description	Follow up
						opportunities around ProACT	from late 2018 onwards
	18/02/2018 18/03/2018	DkIT	Doyle, J. Smith, S.	Meetings with pharmacists throughout Louth region	12	Meeting to discuss the project and recruitment.	
	27/02/2018	TCD	Dinsmore	Meeting with SFI Centre FutureNeuro	2	Meeting with Science Foundation Ireland National Centre of Excellence. Early discussions on how to collaborate with ProACT	Discussions will continue to explore opportunities in 2018/2019.
	28/02/2018	TCD	Dinsmore	Public Health England (Dorset)	2	Early discussions about a pilot of ProACT in the Dorset region of the UK	Discussions will continue and will be updated once trial has concluded 2nd action research cycle
	07/03/2018	DkIT	Doyle, J. Smith, S.	Meeting with the Diabetes clinic (consultant and clinical nurse specialists)	4	Meeting to discuss the project and recruitment.	
	08/03/2018	TCD	Dinsmore	Meeting with the University of Basel School of Nursing	10	Meeting to discuss behavioural change in ProACT and how to collaborate on related work from 2018 onwards	Early discussions which will be follow up in 2018.
	15/03/2018	TCD	Dinsmore	Public Health England (Cornwall)	1	Early discussions about a pilot of ProACT in the Dorset region of the UK	Discussions will continue and will be updated once trial has concluded 2nd action research cycle
	16/03/2018	DkIT	Doyle, J. Smith, S.	Meeting with public health nurses in Dundalk	5	Meeting to discuss the project and recruitment.	

PLANNED: 03/04/2018	DkIT	Doyle, J. Smith, S.	Meeting with the COPD Multidisciplinary team (consultant, clinical nurse specialists, occupational therapist, physiotherapist)	(6)	Meeting to discuss the trial and the MDT's potential involvement.	

4   Report on Exploitation Activities

4.1   General progress up to M27

According to the exploitation strategy described in D6.2, the preliminary activities surrounding the exploitation of ProACT before the exact service/product offering of ProACT is finalised, evolves around two points:

1. To seek the support of the general public, end-user organisations, authorities and policy makers to help validate the final project outcomes and support spin-out to potential customers.

2. To achieve collaborations with relevant stakeholders in the technical, commercial, SME, enterprise, investment, and corporative fields with the aim to share resources, achieve synergies, and exchange information and knowledge.

Due to the nature of these core activities we created a significant overlap between the initial exploitation efforts and the communication and dissemination activities. As described in the previous chapters, a substantial number of meetings and presentations have been conducted within the context of seeking support from targeted groups as well as pursuing collaborations. The results of these interactions were analysed in the first quarter of 2017 to more concretely enhance the exploitation-related deliverables 6.5, 6.6, 6.7 and 6.8 in conjunction with the upcoming Value Network Analysis and Stakeholder Network Analysis.

In 2016 the consortium outlined the development of an innovative strategy to develop the Business Modelling efforts for ProACT. This included a stakeholder-based Business Modelling approach developed by imec (published in March 2017). The model has been selected and assessed to help determine all feasible Exloitation Scenarios for ProACT and to identify the most favourable Business Models for ProACT. At its core is the analysis of two concepts: "Willingness to Pay" and "Willingness to Cooperate", the latter being a completely new concept in Business Modelling literature. These concepts have been applied to different stakeholders in targeted EU markets and the results will be refined over the coming 12 months. The model further considers non-monetary contributions by single stakeholders involved and critical to specific iterations of the ProACT 'Business Model'. Especially in healthcare business-scenarios these non-monetary contributions are important to recognise and understand, e.g. a physician spending more time on analysing patient data because he suddenly has more data available from digital systems. The upcoming trials will provide valuable insight regarding these non-monetary conributions, which will be reflected in the cost-benefit calculations for ProACT. The ongoing efforts around the beforementioned approach will build on the foundation laid in 2016 and 2017 to refine and validate different Business Models for ProACT, thereby enabling a more focused approach to exploitation opportunities.

From M12-27 regular (bi-weekly) meetings were conducted to align exploitation activities parallel to the outcomes of the friendly trial and subsequent system developments. The aim

was to understand from these developments new exploitation opportunities and map timescales/roadmaps to avail of these. The approach helped unify all actions taken around exploitation and helped ensure individual partner as well as joint strategies are in place to maximize opportunities from system developments and project research results.

Research conducted in Phase 1 indicated that there are significant gaps in knowledge across the field of multimorbidity self-management and how best multimorbidity is addressed and treated within health and social system care pathways. Outcomes also indicated that developing digital integrated care solutions to support individuals self-managing their needs around multimorbidity (particularly with an ageing demographic) is in its infancy. ProACT presents a strong opportunity as an EU led consortium to both be a thought leader in the area but also use this knowledge to drive commercial activity jointly between and separately from partners in the project.

Overall, the second year of ProACT has marked the beginning of a more intensive focus on exploitation-research within ProACT. The competitive market analysis conducted in the first 9 months provided the first insights into how ProACT could be exploited. Regarding concrete activities, months 12-24 were mainly shaped by research efforts revolving around 2 topics:
1. Finding a format on how to delineate the most feasible Business Models for a solution such as ProACT.
2. Finding a way to determine the added value that ProACT would provide in relation to the cost of deploying and maintaining an innovative service such as ProACT.

The research effort surrounding these two topics resulted in the creation of deliverables D6.5 (Innovative Value Network Analysis) and D6.7 (Social Cost Benefit Analysis), which both provided frameworks and initial answers regarding these two core-topics explored in year two of ProACT. The other two research-driven deliverables in WP6 in that year (The Roadmap to launch ICT-AT in Ireland, Italy, Belgium and Spain and the ProACT Business Case Report) within the research framework represented an operationalisation and concretisation of the insights from deliverables D6.5 and D6.7.

Communication and dissemination activities were continued in parallel to the research efforts, either individually per organisation or collaboratively between partners, according to the general communication and dissemination strategy set up in year one. The main difference of year 2 was that more exploitation-relevant topics could be disseminated as it became clearer in which way ProACT could actually be made into reality in the different target environments of Ireland, Italy, Belgium and beyond. This was also reflected in an increase in topics revolving around implementation, the potential reimbursement of ProACT and other more practical implications when conversing with stakeholders or policy makers for example.

The overarching goal of the WP6 exploitation activities from M12 to M27 have been on converging frameworks and scenarios validated and refined through the insights from the ProACT trials. Moving forward, conducting the Social Cost Benefit Analysis will be a task of importance from M24 onwards, as it will build on information gathered pre-, mid- and post-trial to formulate a meaningful value proposition for ProACT towards potential public and private payers, the most important of which have been identified in D6.5. With such an analysis and sound exploitation scenarios in place for ProACT, the work in WP6 can advance to the next

stage: This will include the transferability study and the refinement of the final post project exploitation strategy from M36-42.

As has been indicated in Section 3, significant stakeholder engagement has continued to take place with health service represents both within the trial site regions and across the EU. This approach has been taken to help lay the foundation for future exploitation development. In Ireland for example TCD, DkIT and IBM continue to have significant interactions with the Health Service Executive (HSE) to explore future collaborations with the national health service related to the project. This has been extremely positive and this relationship will be built upon throughout the remainder of the project in order to understand how best ProACT can be exploited within the Irish national health system. Similar discussions are also continuing with health and social services at the other trial locations in Belgium and in Italy. It was important for the consortium to engage early with these services in understanding a roadmap forward. Developing successful national strategies for the adoption or future engagement of ProACT will provide greater understanding of how best to translate and transfer the system to other EU member states. In addition, policy makers were approached in several European countries to investigate not only the demand but also the political readiness regarding the willingness to "pave the way" for innovative services such as ProACT.

Finally, in the sections below we briefly outline details with regards to the ProACT private/industry partners and their ambitions towards commercial exploitation in the next phase.

4.2 IBM

The ProACT project provides a unique opportunity for IBM to gauge the reception of new technologies for assisted living for elderly people, especially in view of the activities of the Watson Health EU business unit. The second phase of the project has seen the development and the implementation of the InterACT cloud and the Health and Wellness Profile in the CareAnalytics space. The expertise and knowledge acquired can improve IBM's offering toward delivering added value to older individuals, their caregiver and care professionals using IBM systems across the EU. The next phase of the project will see the validation of the developed technologies and tools. In this framework the collaboration with academia and industry in the context of ProACT is fundamental for the accurate and efficient evaluation of the technologies in the relevant fields. Exploiting the knowledge in the field acquired thanks to ProACT, IBM will be able to better guide its investment in future and existing digital healthcare products. In 2017, in terms of exploitable results, IBM has gained the following:

- A better understanding of existing and new approaches to describe the state of a person over several interconnected dimensions ranging from vitals, symptoms, to goals and self-reports. Particular attention has been devoted to the multi-morbidity and ageing aspects.

- A better understanding of the ecosystem of the Care Analytics in collaboration with relevant partners. In particular a detailed data analysis flow has been designed in order to let the Care Analytics to collaborate within the ecosystem.

- In the context of the InterACT cloud, extended knowledge and a prototype implementation, of a cloud-first platform for care analytics.

- Visibility into the care ecosystems of participating trial sites.

- An extended network of collaborators, partners and potential customers. ProACT has helped IBM build this network, and we expect to strengthen it and extend it, in the context of H2020 and beyond.

4.3 Philips

Opportunities for exploitation of results from ProACT will increase as the project progresses. Philips already has business activities in home health and social care and learnings from the ProACT integrated health and social care services will be shared with these businesses. In the short term we have and will continue to share content developed in WP1 such as personas and use cases, and analysis of interviews with stakeholders as part of our EU based product development. It is important to note that in the context of multimorbidity self-management and care pathways very little is understood in these fields. Outcomes from ProACT are helping the company understand in detail the complexities of these areas and how best solutions could be tailored to address the needs of these individuals (particularly in the trial site regions). Assessment results from testing the use of Philips Healthsuite devices can also be shared which will help in the design and exploitation of future devices and services. The support/training materials developed are also valuable and could lead to new methods of providing customer support to Philips' service users. In the long term it will be the results of the trials that will be most valuable. Philips current health and social care solutions operate independently and learnings on how to bring these together within an integrated care context will be a key exploitation activity.

In 2017 it was announced that the Philips Research lab in Cambridge will close in June 2018. The reasons for this are primarily due to changes in the industry but nevertheless Philips as a health tech company has a strong interest and activity in health and well-being services. Philips recognises the considerable benefits of the ProACT research project and will continue to contribute to ProACT and explore ways in which the results can be exploited within the company. To this end there will be continued work in Cambridge until the end of 2018 and a transfer to Philips Research in Eindhoven in 2019 for the remainder of the project.

The learnings from the current work on the CareApps and ProACT Servers will be shared within Philips and also the extensive work on integrating the PHS devices into ProACT. A key exploitation area will remain the results of the PoC trials, including the benefits and effectiveness of the behaviour change work and the data analysis. This will feed directly into the Philips research activities that serve the Philips Home Healthcare, Hospital to Home and Population Health Management businesses.

4.4 Treelogic

The ProACT project is a unique opportunity for TREE to increase their commercial presence in the Health sector, an area in which TREE currently commercializes different technological solutions:

- IDENTIFICATION, LOCATION AND TRACKING OF PATIENTS AND RESOURCES - Control and tracking of patients as well as high value instruments and health products across different hospital departments.
- HOSPITAL PHARMACY MANAGEMENT - Tracking of the pharmaceutical and pharmaco-therapeutic interventions. Management of storage systems, dispensing and administration.
- DEPARTMENT MANAGEMENT - Management of operating theatres and monitoring of patients with cardiovascular risk and chronic diseases.
- TELEMEDICINE - Applications aimed at optimizing the treatment, monitoring and care of patients at home, helping to improve their quality of life.
- TRIAGE SOLUTIONS
  - ADULT TRIAGE - Intelligent assistance software for the Structured System of Triage-SET, the leading system in Spain which, at an international level, is implemented in a further 7 countries.
  - PAEDIATRIC TRIAGE - Version for children under 14 designed in collaboration with the Catalan Society of Paediatrics and the Spanish Society of Paediatric Emergency Rooms.
  - TELEPHONE TRIAGE - Structured system of telephone triage which enables emergency control centres to adapt their response according to a classification of priorities.
  - ONBOARD TRIAGE - Software to register the triage carried out by ambulance personnel and the subsequent clinical procedures administered to the patient.

With ProACT project TREE will extend its portfolio of services in the healthcare field, with specific services addressing 'life-care' maintenance, for different customers, like public or private hospitals, geriatric care and healthcare communities across the EU. Key to understanding how to address 'life-care' is the issue of multimorbidity management with our ageing population.

Outcomes from WP1 have already provided significant insight into both the opportunities and challenges that face the development of digital solutions to address this issue. It has also provided a key understanding of how best we can begin to target key areas of symptom and self-management within the disease states under study in the project. This methodology (WP4) can be replicated in future for examination of other diseases across age groups and how best to target symptoms, self-management and behavioural targets.

Current work on WP2 has allowed TREE to plan for contacting potential customers that might be interested in ProACT technological developments. The first contacts will be made early in the next phase as an exploratory meeting to weight their interest in the current applications. Once the application has been tested throughout the Proof of Concept, a second round of contact will be made to offer the solution as a potential product to be commercialized.

TREE will also consider if the CareApps in development can be adapted and implemented to existing solutions that TREE is already providing to their clients, adding value to our service offering. As ProACT matures understanding of how these offering will link in with the final system development (tied to potential uptake in the regional trial site contexts) provides an exciting opportunity for us as a growing EU SME.

Overall at this stage of ProACT project, we have a strong idea of the potential outcomes so we are in a position to identify potential stakeholders and customers, analyse the sales potential of the future solutions being developed, discuss among our teams internally different mechanisms of exploitation and how these will link into the consortium moving forward, identify synergies between ProACT future products and current TREE commercial solutions, etc.

In the final phase of ProACT project TREE expects to begin the exploitation pathways once the final ProACT protoype is developed.

4.5 Home Instead Senior Care

HISC is keen on furthering the formal Caregiver app within the project. Developing digital solutions to enhance the role of formal Caregivers within our organisation and throughout the wider global franchise network is of increasing importance to our present and future business. Initially we explored this by holding a meeting in April 2017 with the CEO of HISC Ireland and 8 franchise owners to understand the role of the formal caregiver and how to meet the needs of the client by optimising the digitisation of the role of the formal caregiver in a fast-growing home care market. We continued to further explore this in 2017 with HISC franchise owners through and caregivers. Focus groups with caregivers were carried out in September 2017 with DkIT and outlined the barriers and benefits to using technology in supporting how they care for our clients.

Findings from WP1 (D1.2) indicated the need for formal Caregivers to have increasing information on the activities of daily living of individuals self-managing at home.   It was also further flagged the need to streamline processes among various Caregivers who link in with HISC clients. An application that makes the time of Caregivers more efficient and effective will lead to more actual care hours being provided and therefore better health outcomes for those in receipt of care. Other findings from focus groups with caregivers suggested the paperbased practices they are currently bound by can be frustrating and reduce the efficiency of care provided. The homecare industry is currently under huge strain in regards lack of caregivers, therefore more efficient methods to provide homecare as well as potential systems to develop remote care are of huge interest to HISCs plans for future investments and business models. Such evidence puts HISC in a strong position to adopt and scale ProACT as a system.

As the system has been developed from the friendly trial, HISC ProACT team members have met with HISC owners, the main stakeholders, and undertaking a review of the franchise operational system to understand how best the system can be adopted to enhance services in the first phase and what the limits around client safety are. With further understanding of how to integrate technology and digital care into our current singular methods business model,

we will be able to support the development of a more concise business case for digital care and remote monitoring. We will be able to support the case for more digital health usage both in HISC offices across the EU and internationally utilising the expertise from its Global Technology and Innovation team in the US.

4.6 AIAS

The transferability study that is being implemented in the project will contribute greatly to the development of the exploitation strategy. The added value of the study consists in the piloting of a technology uptake process in an existing and well-developed health and social care ecosystem in Bologna. The envisaged process consists in the study of the care ecosystem expressing the demand, as outlined in phase 1 by relevant stakeholders (including administrators), who guided the formulation of requirements on behalf of the transfer site. The impact of the formulated requirements on the design of the system, its functionalities and actual adaptation to the Italian context for testing will be progressed in the next phase. The process will lead to the identification of factors of success for deployment of innovative solutions, transfer and up-scaling, and thus on the business perspectives of ProACT within this region.

In M1-12 the transfer site started to prepare the transfer pilot by actively engaging with the key stakeholders (see Section 3), among which the Public Health Trust of Bologna, responsible for delivering health care at all levels (specialized, hospital, community, home) is definitely the most important one. The Public Health Trust, together with the Regional Government, are the potential clients for procuring ProACT technology and ProACT based services. The care ecosystems have been described in D1.1. and the results of the requirements study in D1.2..

During M13-27 AIAS has continued investigating the most appropriate business model for ProACT in the local and national context. At the moment of writing (M27) it confirms its interest in expanding the pilots beyond the life cycle of the project in order to develop a commercial sustainable product/service for the Italian market.

4.7 Academic Partners (TCD, DkIT, imec, UCC)

Academic partners in ProACT since M12 have advanced exploitation of the project by:

1. Engagement with key stakeholders (academic, industry, services, policy groups etc.) in each trial region ((Ireland and Belgium) on a continual basis (see Section 3.14) to ensure support for the trials while simultaneously discussing future exploitation opportunities for the system (e.g. additional test scenarios in each related member state).

2. Engagement with key stakeholders (academic, industry, services, policy groups etc.) external to the trial location member states (please see section 3.14) to explore opportunities for expanding ProACT's use across the EU in future testing and implementation scenarios.

To advance these engagement activities, the partners have consulted primarily additional National and EU based funding schemes. This includes opportunities under the H2020 work progamme 2018-2020 as well as the European Institute of Technology (EIT) Health KIC of which ProACT partners TCD, imec, Philips and HISC are members[4].

To date the results of this activity has been as follows:

01/09/2017 Research Funding Award: EU INTERREG NPAP 4th Call.

Funding Amount: €1.1M

The project title: SENDoc – Smart sENsor Devices for Rehabilitation and Connected Health

Overview: The goal of SENDoc is to introduce the use of wearable sensor systems in ageing communities in northern remote areas. SENDoc will assess sensor technical, clinical and social acceptability and their impact on patients, on health and care delivery, and on rural communities. One of the key innovations of SENDoc will be that sensors will be utilised to measure mobility, strength and balance, in order to support independent living in rural communities. SENDoc will focus on changing existing rehabilitation programmes. It will transfer research and development in wearable systems, apply connected healthcare concepts, put in place community networks, create platforms where data and experiences can be shared and supported, capture data through innovative sensor wearable software systems, measure impact on health, test technical and social acceptability, and test the functionality in cold climate conditions.

ProACT partner: Tyndall

New stakeholders involved: University of Ulster (N.Ireland); Karelia University of Applied Sciences (Finland), Vasterbottens lans landsting (Sweden)

Current Status: Project started, Vasterbottens investigating the possibility of utilising the ProACT system in their clinics and also sharing data.

29/09/2017 Research Funding Submission: EU INTERREG CHITIN Award – Cross Border Healthcare Interventional Trials.

Funding Amount: €700k

The project title: Determining the Effectiveness of Digital Integrated Care as a Tool for Multimorbidity Self-Management – A Comparative Pilot Study of ProACT

Overview: The proposed HIT will *commence in 2019* and build on the ProACT proof of concept study in H2020. With knowledge, as to '*how and why*' the technology works, an improved ProACT system will be evaluated through a small-scale comparative pilot study, with 60 participants and 60 controls over 65 (30 in each group in both the Republic of Ireland

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and in Northern Ireland) with two or more of the ProACT inclusion conditions (COPD, Diabetes, CHF/CHD) over a one-year period, and *in a more rural setting*. The study will provide an evidence-based cross-border assessment of the benefit of ProACT, in improving the wellbeing and quality of life of PwMs, as well as integration of their care. The study will use a mixed-methods approach, including semi-structured interviews and/or focus groups, questionnaires and standardised scales, analysis of system usage statistics (e.g. how often participants engage with the system), system data (i.e. data coming from sensors and the technologies), and observational methods.

ProACT partners: DkIT and TCD.

New stakeholders involved: University of Ulster (N.Ireland); Health Service Executive (HSE Ireland) - Older Person Services in CHO Area 8, including Louth and CHO Area 1, including Cavan, Monaghan, Sligo and Donegal. The Northern Ireland trial will be supported by liaising with the Medicines Optimisation Innovation Center (MOIC).

Current Status: Accepted for Phase 2 evaluation, pending result.

06/11/2017 Research Funding Submission: EDGE Marie Curie Sklodowska Fellowship.

Funding Amount: €164k

The project title: Pers4Change- Development and evaluation of 'Personalisation features' for digital behaviour change interventions: Supporting older adults self-managing with multimorbidities"

Overview: The Pers4Change will identify features associated with personalization of behaviour change interventions, with a focus on older persons with multimorbidity (PwMs), and provide a framework to interpret data which will inform the development of tailoring personalization strategies for this demographic. Pers4Change will build on and be supported by ProACT by providing new knowledge, understanding and approaches for implementing personal routes in technology-enabled solutions to sustain behavior changes in the context of self-management of multimorbidity and, at the same time, contribute to the advancement of models and theories of behaviour change.

ProACT partners: TCD and IBM

New stakeholders involved: University College London (UCL) (UK)

Current Status: Award Granted – Fellow due to start in June 2018 on a 2 year post.

24/02/2018 Research Funding Submission: H2020 SC1-DTH-2018.

The project title: OpenAGE

Funding Amount: €3-4M

Overview: To develop and validate a digitally enabled adaptive services and solutions platform to support the creation of smart, age-friendly working environments that provides

> the opportunity for older persons to remain actively involved in a safe and healthy working life, supporting independent active and healthy lifestyles, while accommodating reducing capabilities due to age-related risks and conditions. It is envisaged the CABIE, SIMS and INTERACT systems in ProACT will be used to support this proposal.
>
> **ProACT partners:** DkIT, IBM, TCD
>
> **New stakeholders involved:** University College London (UK); Istituti Clinici Scientifici Maugeri SpA SB (Italy) AGE Platform Europe (Belgium); University of Zurich (Switzerland);
>
>
> **Current Status:** Application in development, due for submission April 2018

In 2017 ProACT partner NetwellCASALA (DkIT) was selected as finalists for the EU Innovation Radar Prize in the 'Technology for Society Category'[5], a competition launched by the European Commission to identify Europe's top future innovators and their innovations. The innovation which has been recognised by the awards body is the SIMS [Subject Information Management System] platform which was developed by NetwellCASALA and is currently being used as an integral part of the ProACT system. DkIT with ProACT partners will seek to link in further with the Innovation Radar initiative from 2018, which makes information about EU-funded innovations from high-quality projects visible and accessible to the public in one place (the EU's new Innovation Radar platform). The aim will be to expand visibility of ProACT innovations such as SIMS, in order to accelerate new opportunities for future academic or industry collaborations as well as investment in the innovations in order to successfully deliver them into the commercial market

Academic partners are also currently exploring opportunities within the EIT Health KIC. TCD, Philips and imec are currently core members and HISC an associate member. The consortium will aim to construct an application for the 'Innovation by Ideas' call in November 2018 and/or April 2019: https://www.eithealth.eu/innovation-projects/by-ideas

This award focuses on projects that are solution driven, i.e. a potential solution has been identified that either captialises on an opportunity or addresses a specific problem presented by demographic ageing of the population. Within the EIT 'Innovation by Ideas' award, projects must address one of the following four key themes:

1. Integrated care for chronic diseases.
2. Home care and care at home.
3. Workplace intervention and occupational health.
4. Early intervention, prevention and altering disease course trajectories.

ProACT covers areas 1,2 and 4. The consortium partners will seek to leverage the ProACT project and additional related activities as KIC Complimentary Activities (KCA) in order to apply

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[5] https://ec.europa.eu/futurium/en/tech-society/netwellcasala

for the maximum funding of €750k towards the future commericalisation and exploitation of the system.

Finally, from action research cycle 2 (July 2018 onwards) partners at each of the trial locations will set up and host a series of open days/workshops for key National and EU stakeholders (as outlined in Section 3.14) interested in collaborating with ProACT. The aim will be to introduce them to ProACT and its future potential for incorporation within a digitally integrated health and social care system. Through these events and subsequent meetings ProACT partners will aim to secure future support to exploit the system both for further design, development and testing but also for societal use.

5 Lessons learned and discussion of the results

5.1 Quantitative analysis

Table 13: Summary table communication and dissemination performance compared to targets

Activity	Target	Progress M1-27	Comments
Scientific publications	2 peer-reviewed publications per partner (including conference presentations) over the course of the project	• 17 publications published • 4 publications in preparation	Clearly this target refers to the medium performance over the entire project. After the trials this number will rapidly rise. It might be important to support non-academic partners to reach this target.
Conference or workshop presentations	>2 international conferences per partner over the course of the project	• 31 conferences have seen ProACT consortium members presenting.	Target is well on track with additional papers presented and special thematic sessions planned. Many partners have already hit the project target.
Organisation of events conferences or workshops	2 project hosted events 2 x 30 participants in regional trial seminars 2 workshops for commercial bodies in final year of programme	• 1 project hosted event • 5 project (co-)hosted workshops • 2 more planned	Target for project host events has been achieved. Regional trial seminars and workshops for commercial bodies will be organised towards the end of the project.
Participation in other events (non-conference/ workshop)	>10 external events attended by each partner	• 40 ProACT project presentations at external public engagement/ events for stakeholders	Progress in line with target KPI. This document focus primarily on external events presented at (not those not presented at). A list of additional non-presentation events will be documented and reported in the final update. Will be reviewed to regularly by coordinating team to support partners who may not have the opportunity to present as frequently.
ProACT Website	10,000 page visits 80-100 downloads 15 references from external webpages	• 16,543 page visits	Progress to date largely **exceeds projections** included in target KPI
Press releases	1-2 press releases per annum	• 5 press releases issued (x4 by consortium and x1 by	Progress in line with target KPI

		government health department in Ireland)	
Media activity	>5 media articles per press release	• 27 online articles • 3 print articles • 3 radio interviews	Progress to date is in line with target. Notable slow down during the second year of the project, but it is expected that during the trials numbers will raise again.
Social media	>3000 twitter followers over project duration and 2 years post project >25 tweets per month >25 twitter engagements per month >200 Facebook page likes	• 398 twitter followers • 486 twitter posts (~19 per month) • 2,969 twitter engagements (~114 per month) • 12,516 twitter profile visits • 74 Facebook page likes • 997 YouTube video views (~39 per month) • 61 LinkedIn group members	Project rather in line with expected twitter engagement. Twitter followers is slower than anticipated but as the project matures and we report on trial outcomes with increased visibility in in 2018/9 further efforts to drive the twitter account will be made (e.g. more visibility of handle at conference presentations, on newsletters, press releases etc.). KPI below target for Facebook likes
Digital newsletters	100 subscribers Approx. 4 newsletters per year	• 115 mailing list subscribers • 4 newsletters issued	In total the number of subscribers (115) has exceeded target although it is below the expectations created in Year 1. An effort will be made to address this in the 2018/2019 as the trial proceeds and end-users as well as associated stakeholders become involved. More effort will be made to invite individuals at ProACT related events to sign up.
Promotional materials	Not specified	• ProACT information leaflet developed (print and PDF) • 500 print copies of ProACT information leaflet • ProACT roll up banner produced • 13 ProACT promotional videos developed	Strong promotion of the project has been achieved.
Trial site visits	200 trial site visits	n/a	Trial site visits will not commence in 2018 once the

			trial is successfully up and running.
Stakeholder meetings	Meetings with 100 high level stakeholders	• 407 (approx.) stakeholders engaged over 70 meetings	Progress to date exceeds projections included in target KPI

Conclusions: Overall the project is well on track in reaching its communication and dissemination targets, especially regarding scientific publications and reaching out to key stakeholders. With the trials coming up it is expected that the performance will further improve. Nevertheless it is important that all consortium members continue to be engaged and support/seek opportunities to raise awareness and highlight the project.

5.2 Qualitative analysis

Overlooking the communication and dissemination effort developed so far we can notice strong activities at national level, as well as international level, started in M1-12 and continued during M13-27.

National activities have focused, especially in Ireland and Italy, in exploring key stakeholders and gate keepers and their positions regarding integrated care beyond the ones necessary to involve in the trial ecosystem definition or preparation. The qualitative feedback collected highlights the fact that there is interest in the project because there is a felt need for innovation in health care delivery at ground level, starting from the responsible participation of the patients in the management of their own conditions. This need is both expressed for economic reasons (sustainability of care) but also in terms of quality of care. In Ireland, Belgium and Italy various political stakeholders expressed the need to develop technologies to support the integration of the health and social care services. This was particularly emphasised around the key issues of ProACT in terms of multimorbidity and ageing. Particular progress has been made in the Irish and Italian sites to progress collaborative discussions to the adoption of ProACT (research outcomes and potential system) to their services. Initial steps have also been made with services in Belgium and imec will seek to explore this further in the remainder of the project. This should stimulate the consortium to imagine high level outcomes not only for the ProACT system but also in terms of service structure innovation and related change management at all levels.

At the international level, in particular the European organisations involved in the project, EASPD and AAATE, but also TCD, AIAS and others, are engaged in efforts to locate the project at the heart of the discussion on the digitalization of Health and Social care in Europe. The feedback received during their participation in the recent EIP on AHA conference of partners and in the European summit on digital technologies for Active and Healthy Ageing of last year, as well as the content of the Blueprint presented in that occasion, has confirmed the fact that ProACT is fully in line with what is requested for the near future by the international community and policy makers. Also the interaction with other EU funded projects (e.g.

ICT4Life[6], IN LIFE[7] and Scirocco[8]) has been extremely useful and will avoid ProACT working in isolation and not benefitting from the lessons learned by others. It is the intention of ProACT, as a felt social responsibility of research, to continue that contribution to the highest level of discussion around the transformation of the health and social care systems in Europe. Therefore the project will continue to strongly pursue its EU and wider international collaboration strategy.
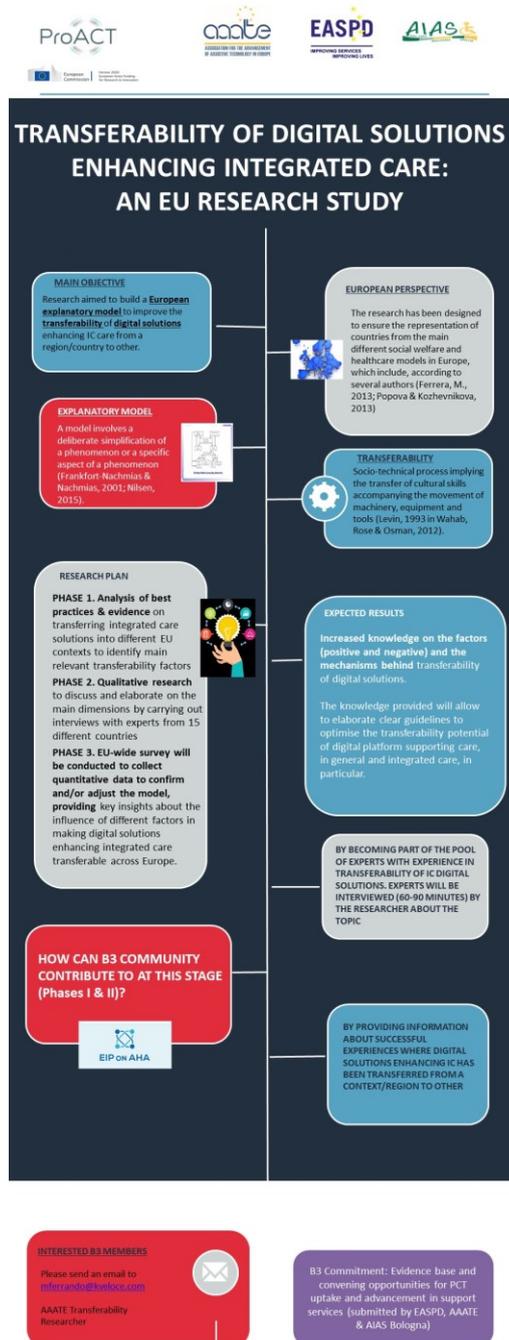
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[6] http://www.ict4life.eu

[7] http://www.inlife-project.eu

[8] http://www.scirocco-project.eu

ANNEX 1. INFOGRAPHICS ProACT TRANSFERABILITY STUDY FOR EIPAHA

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