



Table 2. Published articles

Media	Channel	Date	Link	Main Coverage	Partner
Print	Senza Età	Nov/Dec 2013	www.senzaeta.it/pixel2010/immagini/2013/se60web.pdf ,	Italy	COOSS
Print	Ara	29 July 2014	www.ara.cat/societat/Assagen-dispositiu-caigudes-dancians-ambulancia_0_1183681781.html	Catalonia, Spain	UPC, SEM, TicSalut
Print	Infosalus	29 July 2014	www.infosalus.com/actualidad/noticia-crean-dispositivo-detecta-caidas-pacientes-mayores-activa-directamente-061-20140729135949.html	Catalonia, Spain	UPC, SEM, TicSalut
Print	La Vanguardia	29 July 2014	www.lavanguardia.com/vida/20140729/54413315142/ensayan-un-dispositivo-que-detecta-las-caidas-de-ancianos-y-activa-ambulancia.html	Spain	UPC, SEM, TicSalut
Print	Es tu Sanidad	29 July 2014	www.estusanidad.com/secciones/avances/un-sensor-detecta-las-caidas-y-avisa-a-emergencias-8657	Spain	UPC, SEM, TicSalut
Print	Mundo geo	29 July 2014	www.mundo-geo.es/ciencia/ensayan-un-dispositivo-para-detectar-las-caidas-de-los-mayores-y-activar-el-061	Spain	UPC, SEM, TicSalut
Print	ABC	29 July 2014	www.abc.es/agencias/noticia.asp?noticia=1634601	Spain	UPC, SEM, TicSalut
Print	Senza Eta' magazine	Sep/Oct 2014	www.senzaeta.it/archivio-rivista N.065, pp 38-39	Italy	COOSS
Print	Insight	22 June 2015	Projects. Science, Technology and Innovation. FATE Special Edition	Europe	UPC



Figure 13. FATE edition at Insight magazine

Other media channels such as TV or Radio were also explore in order to reach at all stakeholders (Table 3)

Table 3. Press release

Media	Channel	Date	Title	Main Coverage	Partner
TV	tv3	29 July 2014	www.324.cat/video/5192791	Catalonia, Spain	UPC, SEM
TV	Canal Blau	30 July 2014	www.canalblau.cat/dispositiu-per-detectar-caigudes-de-persones-grans/	Catalonia	UPC
TV	rtve	04 August 2014	www.rtve.es/alacarta/videos/informatiu/dispositiu-upc-clinic-per-judar-gent-gran-quantau/2697410/	Spain	UPC
Radio	RAC1	06 September 2014	Noticiari 14:15 (minut 8)	Catalonia	UPC
Web	CatSalut Flaix	24 July 2014	http://inet/pub/Du13/html/ca/dir1401/dn1401/flaixactual.pdf	Catalonia	TicSalut



Web	Butlletí Salut Catalunya <i>20gencat.cat</i>	29 July 2014	www20.gencat.cat/portal/site/salut/menuitem.3a66812b806dcdabe23ffed3b0c0e1a0/?vgnextoid=1a108d137398b210VgnVCM100000b0c1e0aRCRD&vgnnextfmt=detall&cod_noticia=273541&vgnnextchannel=1a108d137398b210VgnVCM100000b0c1e0aRCRD	Catalonia	Gencat
Web	La Información.com	30 July 2014	http://noticias.lainformacion.com/economia-negocios-y-finanzas/equipos-de-telecomunicaciones/crean-un-dispositivo-que-detecta-las-caidas-de-pacientes-mayores-y-activa-directamente-el-061_MpGozPvm0opev81QiMNWj1/	Spain	UPC, SEM, TicSalut
Web	Plataforma SINC (Servicio de Información y Noticias Científicas)	31 July 2014	www.agenciasinc.es/Noticias/Un-dispositivo-detecta-las-caidas-de-las-personas-mayores-y-activa-el-061	Spain	UPC
Web	AlphaGalileo	04 September 2014	www.alphagalileo.es/ViewItem.aspx?ItemId=145095&CultureCode=en	International	UPC
Web	AlphaGalileo	18 September 2014	www.alphagalileo.es/ViewItem.aspx?ItemId=145455&CultureCode=en	International	UPC
Web	Youtube	24 September 2014	http://youtu.be/2dNPiQiM6T4	International	Hospital Clínic
Web	Youtube	01 October 2014	http://youtu.be/F_HYab2aMvc	International	Hospital Clínic
Web	Reuters	02 October 2014	www.reuters.com/	International	UPC
Web	Tunstall Emergency Response	03 October 2014	www.tunstallemergencyresponse.ie/fate-2nd-round-of-the-pilots/	Unit Kingdom	TER

3.4 Newsletter

Five newsletters have been sent to all the subscribers. The first newsletter was sent at the beginning of all pilots and the last after finishing all the pilots. The platform we chose to send the newsletter was Mail Chimp, which offered a wide range of design possibilities together with a free service of up to 2.000 subscribers and 12.000 sends free of charge.



The recruitment of the subscribers was implemented through website widget, twitter campaign and newsletter dissemination at events. In addition, we used the 6.000 subscribers at Flash TicSalut (Figure 14), TICSALUT partner newsletter, to increase the scope of the newsletter.

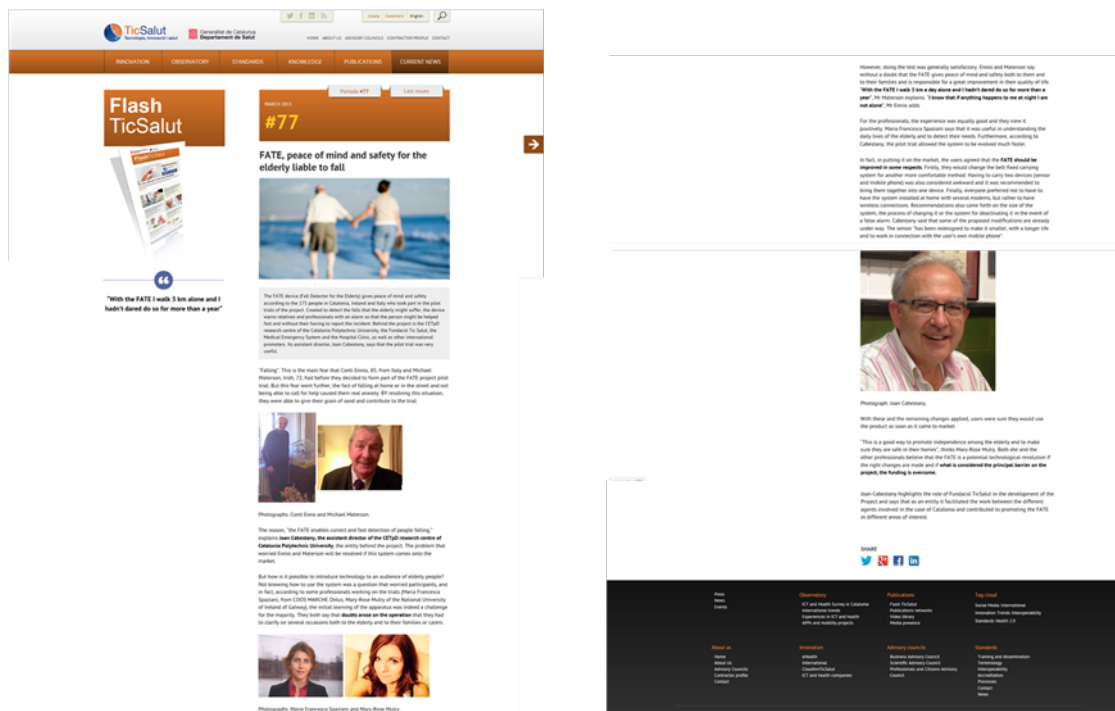


Figure 14. Newsletter Flash TicSalut

3.5 Scientific articles

The production of scientific articles for submission to scientific journals follow the completion of the pilots, the analysis of data as well as the overall assessment of the project's outcomes. At the beginning of the project was generated a scientific paper describing the technical specifications. The paper, FATE: One Step Towards an Automatic Aging People Fall Detection Service, was published at Mixed Design of Integrated Circuits and Systems (MIXDES), 2013 Proceedings of the 20th International Conference. Once the pilots are finished and later in analysis phase one paper will be developed between all pilots.

3.6 Conferences and Workshops

Conferences and Workshops events were the perfect emplacement where the project partners share and spread relevant information from both the FATE project and their own specific works on it. These events constitute the most traditional way to present results of R&D projects, and can be used to discuss results and possible future developments.



In addition, the workshops were the perfect frameworks to establish a face to face interaction between the project and its stakeholders. There all the participating stakeholders were stimulated to bring forward their own view, demanded information on the project deployment and gave their feedback and suggestions.

The table below (Table 4) show a list of conferences and workshops, in which one or more FATE partners participated. Appendix C contains some pictures taken at these events.

Table 4. Workshops and Conferences

Congress/Event	Date	Location	Partner involved
Third Italian Forum on Ambient Assisted Living - ForITAAL	17-19 October 2012	Parma, Italy	COOSS
Handimatica2012: IX National Conference about disability and ICT www.handimatica.com	22-23 November 2012	Bologna, Italy	COOSS
Enterprise Europe Network Conference	2 February 2013	Budapest, Hungary	ATEK
Atekeia conference	13 February 2013	Budapest, Hungary	ATEK
InforSalud http://www.seis.es/jsp/base.jsp?contenido=/jsp/congresos/inicio.jsp&id=3.1&categoria=1&idcongreso=195	9-11 April 2013	Madrid, Spain	TicSalut
eRESATER. Innovación abierta en e-Salud y e-Inclusión	24 May 2013	Oviedo, Spain	UPC
MIXDES conference	20-22 June 2013	Gdymia, Poland	UPC
Local event with the Municipality of Tolentino and Social Districts participating to the FATE trials	September 2013	Tolentino (MC), Italy	COOSS
AAL Forum	25-26 September 2013	Norrköping, Sweden	TICSALUT
REAKTION clustering event	26-27 September 2013	Heraklion, Crete, Greece	UPC
ForITAAL - Italian Forum for Ambient Assisted Living http://foritaal2013.univpm.it/Home.html	23-25 October 2013	Ancona, Italy	COOSS
ICT 2013 Event	November 2013	Vilnius, Lithuania	UPC
Pensioners Exhibition	29 November 2013	Budapest, Hungary	ATEK
VII CONGRESSO NAZIONALE SIRAS - Research, Innovation and New Technologies in Rehabilitation	14-16 November 2013	Rome, Italy	FSL
eVita National Technology Platform - Neumann Kollokvium: ICT in health applications	22 November 2013	Veszprém, Hungary	ATEK



ATEKNEA Conference on Research and Innovation programs in the EU	13 February 2014	Budapest, Hungary	ATEK
Innovation Day / ELTE	26 February 2014	Budapest, Hungary	ATEK
National congress of The Italian Association of Psychogeriatric	10-12 April 2014	Firenze, Italy	FSL
Information meeting in a Community Center for the elderly	24 April 2014	Tolentino, Italy	COOSS
Local event of R+D+I of ICT and Health	14-15 May 2014	Girona, Spain	TicSalut
Małopolska Innovation Festival	26-31 May.2014	Krakko, Poland	ATEK
BizBarcelona 2014	4-5 June 2014	Barcelon, Spain	ATEK
Brokerage event at the Hungarian Embassy in Berlin	2 June 2014	Germany, Berlin	ATEK
H2020 Open day	26 June 2014	Timisoara, Romania	
9th International Joint Conference on Software Technologies (ICSOFIT)	31 August 2014	Vienna, Austria	ATEK
Brokerage Event Horizont 2020, Research, Development and Innovation	02 September 2014	Ostrava, Czech Republic	ATEK
EEN Stars Award 2014 Conference (Ateknea co-winner of "New Success" price for health and well-being innovation.	23 September 2014	Brussels, Belgium	ATEK
Seminar and SME workshop	02.10.2014	Ostrava, Czech Republic	ATEK
WTO's 1st Innovation Fair, guest speaker	28 October 2014	Geneva, Switzerland	ATEK
Irish Gerontology society conference	9-11 October 2014	Galway, Ireland	NUIG
International Workshop Mobile Networks For Biometric Data Analysis	30-31 October 2014	Ancona, Italy	COOSS
4ª Jornadas Pla Salut Catalunya	24 Nov. 2014	Sitges, Spain	HCPB
TEC-IT Conference Europa 2020. Mission impossible or epochal Challenge? Collaborative Projects among	27 April 2015	Bari, Italy	COOSS
e- Health e ICT per una società che invecchia	13 January, 2015	Rome Italy	FSL
Ateknea Innovation Conference	18 February 2015	Budapest, Hungary	ATEK
European Summit on Innovation for Active and Healthy Ageing	9-10 March 2015	Brussels, Belgium	UPC
European Falls Festival	24-25 March 2015	Stuttgart, Germany	UPC, COOSS
ASTRA Export Incubation Program, guest speaker	27 May 2015	Budapest, Hungary	ATEK



Ateknea Press Conference	14 April 2015	Budapest, Hungary	ATEK
Final Workshop	15 May 2015	Barcelona, Spain	TICSALUT, UPC, NUIG
Congreso Sociedad Directivos Atención Primaria SEDAP	April 2015	Palma de Mallorca, Spain	HCPB
Market and profit Conference, guest speaker	28.05.2015	Budapest, Hungary	ATEK
EULAR 2015	10-13 June 2015	Rome, Italy	HCPB
CALASS 2015	3-4-5 September 2015	Ancona, IT	COOSS

FATE was invited to participate in the *European Summit on Innovation for Active and Healthy Ageing* event held in Brussels last March 2015 as part of the SENSE4CARE stand, where the initiatives and products of the company were present. See Gallery section for some pictures.

FATE was participating in the European Falls Festival held in Stuttgart last 24/25th of March 2015. The project status and main outcomes were presented in a specific session. Additionally, FATE coordinator was the co-organizer of a special workshop on “*Camera and Sensor based approaches*” (see the Gallery section for some pictures)

A final workshop was organized as part of the dissemination strategy (Figure 15. Final Workshop). The purpose of this was to promote FATE technology and results among several sector players, the adoption of FATE service and business model, both by local, regional or national governments and private sector in the countries involved in the project as well as in other European Regions (Figure 16).

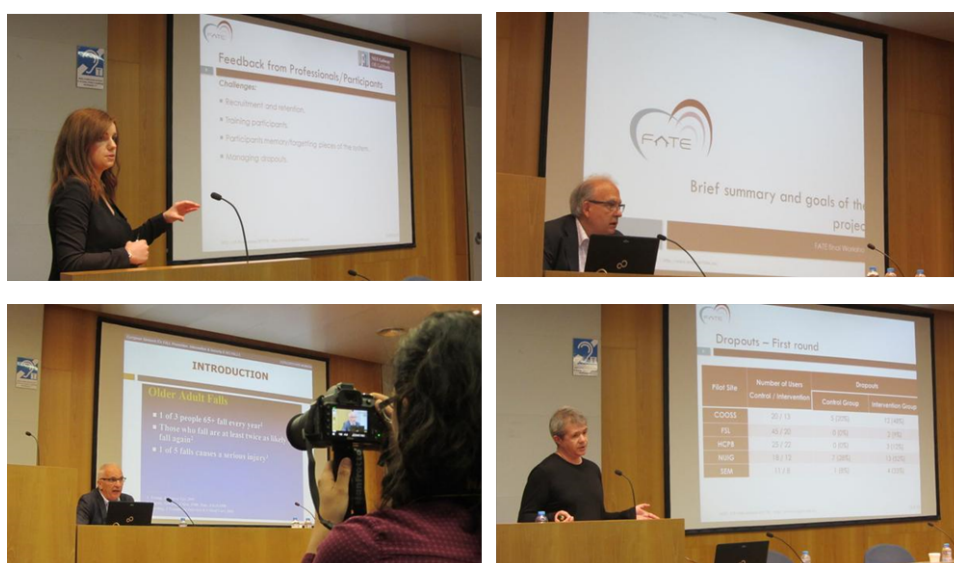


Figure 15. Final Workshop



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FATE - Final Workshop



The ultimate goal of FATE - FALL DeTector for the Elderly project is to widely validate an innovative and efficient ICT-based solution focused on improving the elder's quality of life by an accurate detection of falls in ageing people, both at home and outdoors.

The system is being tested and validated in 3 pilot studies involving real living scenarios, one in each of 3 different EU countries (Spain, Italy and Ireland), in close collaboration with the relevant public authorities. The pilot test selects 175 individuals with high risk of falling.

FATE is also a care model focused on strengthening Public and Private collaboration to reach a reliable service, paving the way across Europe for opening new market opportunities and benefits for all stakeholders in the health and care sectors, as well as sustainable models for the future elder generations.

Date: May 15th, 2015 **Schedule:** 9.30h – 14.00h

Location: Aula Màster – Edifici A3 Campus Nord. Universitat Politècnica de Catalunya (C/Jordi Girona, 1-3 08034 BARCELONA)
[Map Available](#)

[Free registration here](#)

Agenda

- 09.00h Registration & Welcome
- 09.45h Social dimension and impact of falls in older people (Andreu Català, CETpD Director and E-NO FALLS coordinator))
- 10.15h Brief summary and goals of the project FATE. (Dr. Joan Cabestany, project manager FATE).
- 10.30h FATE: summary of activities and technological results (UPC)
- 11.00h FATE: experiences of users and support services
Users experience: Mary-Rose Mulry (Nat. Univ. Galway - Ireland)
Support services experience: Àngels Mora (SEM - Head of Information Systems and Evaluation)
- 11.45h Coffee Break
- 12.15h Round-table conference: Health wearables; bubble or reality?
- Dr. Joan Cornet, mHealth Competence Center Mobile World Capital director.
- Dr. Tino Marti, EU Project Manager TicSalut Foundation.
- Dr. Joan Cabestany, project manager FATE.
- Dr. Jordi Varela, consultant specialized in clinical management
- 13.15h Closing and drinks.

Figure 16. Final Workshop Agenda

4. Dissemination outcomes

Taking into account the dissemination action plan developed in Deliverables D6.3., a list of expected outcomes were established Table 5. Dissemination outcomes

It should be noted that the indicators were analysed periodically to both control and verify their performance and to adapt and strengthen the activities carried out during the lifetime of the project in order to maximize the impact on different stakeholders. Obviously these adjustments were taken in concordance with the project activities undertaken and the results obtained.

On the table below you will find the expected outcomes settled for each dissemination action.



Table 5. Dissemination outcomes

ACTION	Expected outcomes	Up to date
Website	3.000 visits	7.022 visits
Newsletter	200 subscribers	6.000 subscriber
Newsletter issues	4	5
Twitter	100 followers	160 followers
	500 tweets	319 tweets
YouTube channel	1.000 visits	1.737 views
Scientific publications	6	1
Press release	20	23
Project presentations at workshops / conferences	20	24

Actions done after Final Review and according recommendation R1.

The diffusion of the results obtained in the FATE project has been not so large and ambitious as it was scheduled at the beginning of the activity. The reasons can be found in a variety of aspects: it seems logical that final results can be only prepared and diffused correctly when the activities of the project are completely finished and results can be considered and studied in its complete view.

Along the project, many diffusion activities were reported but not the necessary work around results in order to write a conclusion paper to be submitted for publication to a convenient Journal.

These aspects were noted and criticized during the final review meeting, and they are under the objectives of the recommendation R1 contained in the consolidated report elaborated by the review panel after the Final review meeting of FATE.

The current section is presenting the actions done for a correct answer to the indicated recommendation. At the same time, the recommendation given by the Review Panel establish the update of the deliverable D6.5 in the sense indicated by the recommendation R1.

List of concrete Actions done after recommendation R1.

The consortium decided the preparation of a journal paper to be submitted to a peer-reviewed journal under an open-access strategy, in order to increase diffusion and availability in case of final acceptance for publication.

This paper tries to present an unified synthesis of the results of the piloting experience in FATE in terms of its impact on “intrinsic factors” related with older adults, mainly fear of falling, balance and gait and the final impact on the Independence in activities of daily living.

Finally, the paper has been written with the cooperation of main partners in the FATE experience, under the leader activity of Mary-Rose Mulry from NUIG. The paper with the title “The impact of a fall detection system on older adult’s intrinsic factors” has been recently submitted for publication to the Open-access journal “Journal of Personalized Medicine” (ISSN 2075-4426; CODEN: JPMOB3) published quarterly by MDPI based in Switzerland.

Additionally, the consortium considered the possibility to enhance and improve the scope of the diffusion of the results, and a new paper was written, but under the usability perspective.

The paper, entitled "Usability and satisfaction evaluation of an electronic fall detection system" presents additional results on acceptability and users' satisfaction after the end of the pilots.

The paper has been submitted, by the moment, to the COTEC & ENOTHE Congress to be held in Galway during June next year (<http://www.conference.ie/Conferences/index.asp?Conference=182>).



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Appendix A: Project Logo

Here are two applications of the project logo, which will be choose and used depending on their location and use in order to ensure optimal visibility and project identification.



Figure 17. FATE Project Logo in B/W application



Figure 18. FATE Project Logo in Negative application



Appendix B: Project brochure

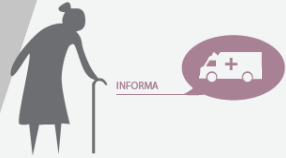
Cos'è FATE

FATE propone un innovativo sistema tecnologico in grado di rilevare le cadute, sia all'interno sia all'esterno dell'ambiente domestico.

Componenti del sistema

Il sistema è composto di:

- rilevatore di caduta portatile;
- telefono cellulare;
- computer;
- sensore di occupazione letto;
- Call center.



Sistema autonomo dell'utente Servizio di assistenza

Funzionamento del sistema

Il rilevatore di caduta portatile è un apparecchio leggero e di piccole dimensioni, inserito all'interno di una cintura elastica in neoprene, anallergica e confortevole, da indossare sotto gli indumenti. È resistente all'acqua. In caso di caduta, il rilevatore invia un segnale al telefono cellulare che, interagendo con il computer, invia tempestivamente un allarme al call center per attivare il servizio di pronto intervento.

Il rilevatore di caduta può essere indossato per l'intero arco della giornata. Deve essere tolto durante le ore dedicate al riposo per ricaricare la batteria. Durante il riposo, il monitoraggio delle cadute è affidato al sensore di "occupazione letto": confortevole e poco ingombrante, tale sensore è in grado di rilevare eventuali cadute e di registrare il tempo trascorso a letto dall'anziano.

Obiettivi del progetto

Il progetto FATE intende testare questo innovativo sistema tecnologico di rilevazione delle cadute in scenari di vita reale e misurarne scientificamente l'efficacia.

Il sistema FATE mira a:

- Ridurre la paura di cadere, poiché l'anziano può sentirsi più sicuro indossando il sistema
- Prevenire la lunga giacenza a terra in caso di caduta, grazie all'invio tempestivo di un allarme al Call Center
- Migliorare la qualità della vita e il senso di sicurezza degli anziani attraverso l'utilizzo di tecnologie innovative semplici e non invasive

FATE

Figure 19. Italian Fate Brochure – Inside Page



Appendix C: Gallery



Figure 20. INNOSKART ICT cluster meeting at Ateknea



Figure 21. EEN Conference



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Figure 22. ICT 2014 event, Vilnius

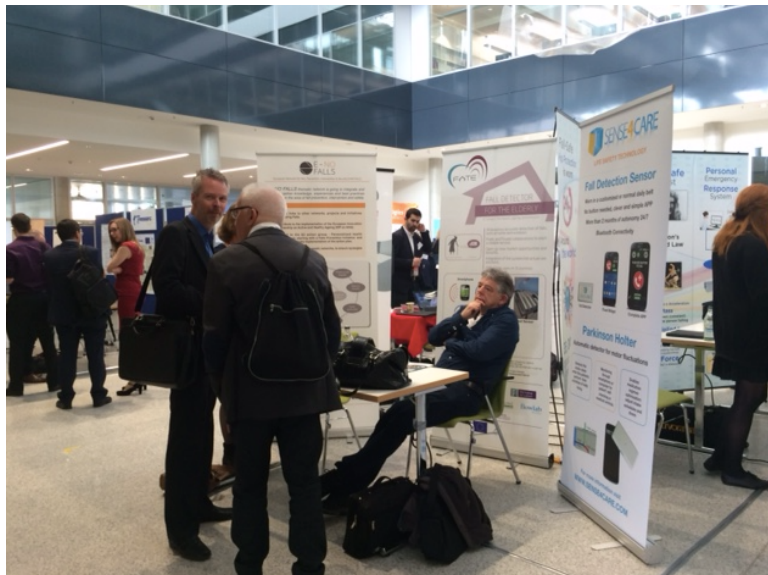


Figure 23. Stand at the European Falls Festival in Stuttgart 2015.



Figure 24. Participation in European Summit on Innovation for Active and Healthy Ageing last March 2015 (stand of SENSE4CARE)