



*Platform for European Medical Support
During Major Emergencies*

D9.4 Publicity Specification





PULSE
***Platform for European Medical Support during major
emergencies***

WP9_Exploitation & dissemination

Deliverable D9.4-Publicity Specification

31/10/2016



Title:	Document Version:
D9.4-Publicity Specification	v1.0

Contractual Delivery Date:	Actual Delivery Date:	Deliverable Type*-Security**:
31/10/16	08/12/16	R/PU

Project Number:	Project Acronym:	Project Title:
607799	PULSE	Platform for European Medical Support during major emergencies

**Type: P: Prototype; R: Report; D: Demonstrator; O: Other.*

***Security Class: PU: Public; PP: Restricted to other programme participants (including the Commission); RE: Restricted to a group defined by the consortium (including the Commission); CO: Confidential, only for members of the consortium (including the Commission).*

Authors (organisation)
All Partner Contributions

Responsible:	Organisation:	Contributing WP:
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Abstract:
This document contains the PULSE Publicity Specification, which describes the various dissemination activities undertaken by the consortium throughout the duration of the project.

Keywords:
PULSE, Publicity, Specification.



D9.4 REVISIONS:

Revision	Date	Description	Author (Organisation)
0.0	01/09/2016	Initial Document	Sarah Bourke (Skytek)
1.0	31/10/2016	Final Version	Sarah Bourke (Skytek)



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1 Introduction

1.1 Purpose and scope of the Document

This document outlines the publicity activities that the consortium engaged in to maximise the dissemination of the excellent results emerging from the PULSE project.

The support materials to support dissemination and exploitation activities are presented. A comprehensive list of dissemination activities by the various PULSE partners is outlined. Interactions with other relevant EU FP7, HS2020 and European Space Agency projects are explored. Finally, the consortium engaged with international organisations involved in major medical emergency management. Face to face meetings were organised and are outlined in this document.

1.2 Structure of the Document

The document is structured in two sections:

- Section 2 Support materials, Newsletters and Video
- Section 3 List of Dissemination activities
- Section 4 Cross EU project collaboration and PULSE dissemination
- Section 5 Engagement with International bodies



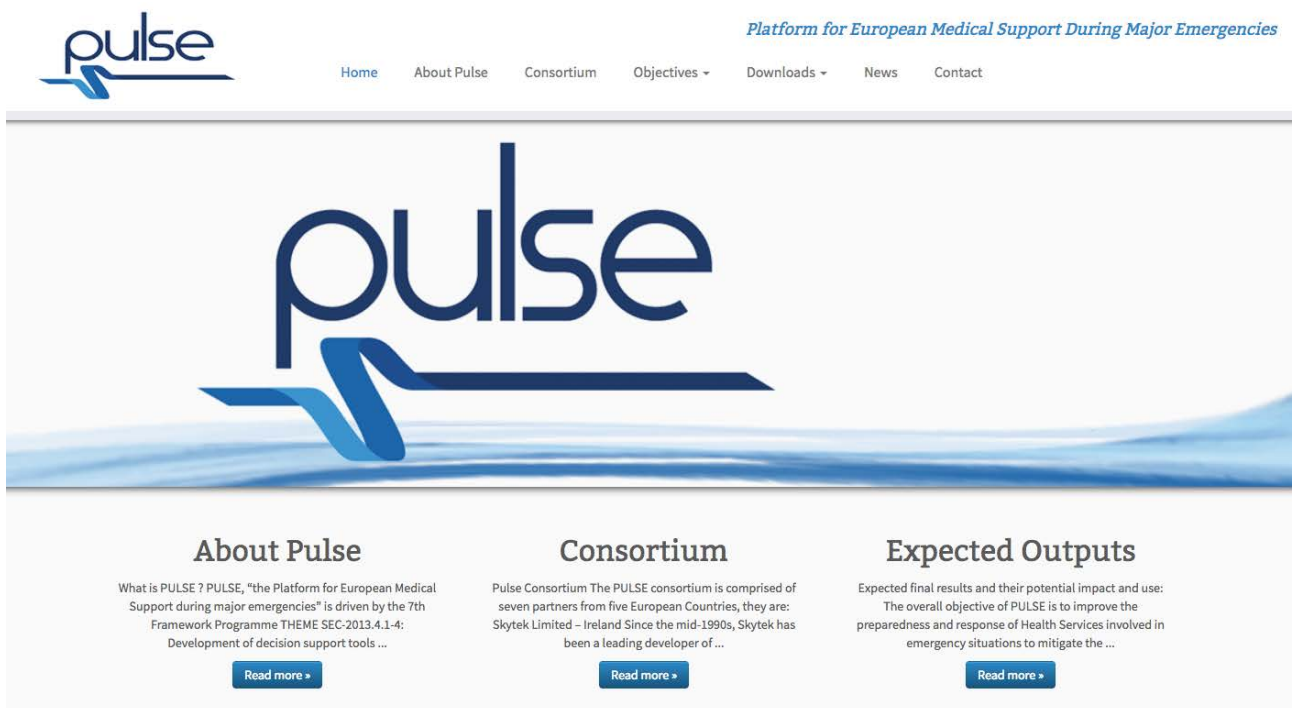
2 Publicity support materials

To support the dissemination and exploitation of PULSE a range of support materials were developed.

Web site:

In today's world, a web site is a crucial publicity tool. Considerable effort was focused on developing a web site that was user friendly, informative and functional. The URL for the site is www.Pulse-fp7.com. The PULSE website has been developed to contain key characteristics around its appearance, content, functionality, usability and site architecture. The partners have endeavoured to reflect best practice across all of these elements in order to improve the overall effectiveness of the site.

The site is designed as easy to read, navigate, and understand.



Newsletters:

As part of WP9, three newsletters were produced throughout the project progression. The News letters were disseminated to potential end users, academics and key decision makers within relevant organisations across Europe. (See appendix 1)

Promotional Flyer:



The consortium produced a one page 'flyer'/handout to promote Pulse at dissemination events. (See appendix 2). The flyer provides an excellent summary of PULSE and how it can benefit key decision makers.

Video:

A professional video company was engaged to attend both PULSE trials and create a promotional video for the consortium. The video is available on the PULSE web site and the link to the video is <http://www.pulse-fp7.com/downloads/videos/>.

3 PULSE Publicity Activities

Table 1 Listing of Publicity activities by PULSE partners

Nº	Title	Partner(s)	Date	Place	Type of activities
1	CFOA, Chief Fire Officers Conference	SKYTEK	05/05/2014	Kildare, Ireland	Exhibitions
2	PULSE presentation for the Joint Research Centre; support of PULSE WP2	UCSC	11/2014	Italy	WP2 stakeholder meeting
3	MRMI - Medical Response to Major Incident	UCSC	13/06/2014	Rome, Italy	Organisation of Workshops
4	ESRIN BiDs	SKYTEK	12/11/2014	Rome, Italy	Oral presentation to a scientific event
5	PULSE presentation for the Romanian General Inspectorate for Emergency Situations; support of PULSE WP2 & WP5	ONEST	11/2014	Bucharest, Romania	WP2&WP5 stakeholder meeting
6	Presentation and discussion of joint approach in the CIRAS Stakeholder Workshop	CESS	25/11/2014	Aschaffenburg :	Oral presentation to a wider public
7	PULSE presentation for the French National Institute of Advanced Studies for Security and Justice (INHESJ); support of PULSE WP3	IAEMO	2014	Ireland	WP5 stakeholder meeting
8	PULSE presentation for Simnova, il Centro di simulazione in medicina e professioni sanitarie dell'Università del Piemonte Orientale; support of PULSE WP3	UCSC, SES	01/2015	Italy	WP3 stakeholder meeting
9	LIFT Conference	SKYTEK	04/02/2015	Switzerland	Oral presentation to a scientific event
10	PULSE presentation for Istituto di Igiene Policlinico Gemelli; support of PULSE WP4, WP5	UCSC, SES	10/02/2015	Italy	WP4 & WP5 stakeholder meeting

11	Critical infrastructure Protection and Resilience Europe conference	SKYTEK	13/02/2015	London	Oral presentation to a wider public
12	PULSE presentation for USMAF Italy; support of PULSE WP2, WP4, WP5	UCSC, SES	26/02/2015	Italy	WP2, WP4 & WP5 stakeholder meeting
13	PULSE presentation for Istituto di Rianimazione e Assistenza Stadio Olimpico di Roma; support of PULSE WP5	UCSC, SES	15/13/2015	Italy	WP5 stakeholder meeting
14	ECOSSIAN: Presentation of the QCA methodology ECOSSIAN, CIRAS, PULSE	CESS	27/03/2015	Lisbon	Oral presentation to a scientific event
15	END-USER REQUIREMENT GATHERING FOR RESEARCH PROJECTS IN EMERGENCY AND DISASTER MEDICINE (S. Magalini, G. Pepe, P. Mari, L. Marchesi, R. Moramarco, J. King, G. Seynaeve, D. Gui), presentation at the 16th European Congress of Trauma and Emergency Surgery	UCSC	11/05/2015	Amsterdam, the Netherlands	Oral presentation to a scientific event
16	Discussion of QCA joint application with ECOSSIAN WP7 Leader	CESS	20/05/2015	Ottobrunn	Oral presentation to a scientific event
17	DRIVER Advisory Board, Marseilles: Discussion of ECOSSIAN with the representative of EU/DH ECHO/ERCC on role of E-SOC; support of PULSE WP4 by ERCC initiated	CESS	20/05/2015	Marseilles	Oral presentation to a scientific event
18	"Modelling and Simulation for Major Incidents" - "Workshop on Personal Health Systems for Chronic Diseases" (PHSCD 2015), Pervasive Health 2015	UCSC	20-23/05/2015	Istanbul, Turkey	Oral presentation to a scientific event
19	PULSE presentation for 118 Area Rome; support of PULSE WP2, WP4, WP5	UCSC, SES	27/05/2015	Italy	WP2, WP4 & WP5 stakeholder meeting
20	PULSE presentation for the Professional fire brigades Hamburg and Dortmund, the State Ministry of the Interior Brandenburg and the BBK; support of PULSE WP2 & WP5	CESS	11/2014 – 06/2016	Germany	WP2&WP5 stakeholder meeting
21	PULSE Platforma pentru managementul resurselor în situatii de urgenta majora, ALARMA Magazine Nr. 1/2015	ONEST	03/06/2015	Bucharest, Romania	Articles published in the popular press



22	PULSE presentation for 118 Area Milano; support of PULSE WP2, WP4, WP5	UCSC, SES	30/06/2015	Italy	WP2, WP4 & WP5 stakeholder meeting
23	PULSE presentation for Spallanzani Hospital; support of PULSE WP2, WP4, WP5	UCSC, SES	05/10/2015	Italy	WP4 & WP5 stakeholder meeting
24	Leveraging Ireland's security ecosystem security networking symposium	SKYTEK	07/10/2015	IBM technology campus, Dublin	Oral presentation to a wider public
25	Journal paper "Modelling and Simulation for Major Incidents" appeared in the Open Access Journal EAI Endorsed Transactions on Pervasive Health and Technology 15(4): e3, 2015, EUDL - European Union Digital Library	UCSC	06/11/2015	EU	Articles published in the popular press
26	Distribution and discussion of Working Paper on the Joint use of QCA and of a joint criteria catalogue in all three projects PULSE, ECOSSIAN and CIRAS	CESS	14/11/2015	Lisbon, Portugal	Oral presentation to a wider public
27	Pulse & managing mass casualties	SKYTEK	18/11/2015	Casualty Bureau, Police Headquarters, Dublin	Organization of Workshops
28	Distribution of working paper on joint approach for QCA assessment	CESS	23/11/2015	Germany	Flyers
29	Computers, Privacy and Data Protection Conference 2016	TRILATERAL	27/01/2016	Brussels, Belgium	Oral presentation to a scientific event
30	Westminster Health Forum Keynote Seminar on Electronic Patient Records and IT in the NHS	TRILATERAL	09/02/2016	London, UK	Oral presentation to a scientific event
31	Women in Technology Forum	SKYTEK	04/04/2016	Dublin, Ireland	Oral presentation to a scientific event
32	PULSE Tweets	TRILATERAL	14/04/2016		
33	Maritime Surveillance Workshop	SKYTEK	22/04/2016	Maynooth University, Ireland	Oral presentation to a scientific event
34	17th European Congress of Trauma & Emergency Surgery	UCSC	24-26/04/2016	Vienna, Austria	Oral presentation to a scientific event
35	Romanian Association for Security Technique National Conference 2016 / ALARMA Magazine Nr. 1/2016	ONEST	02/04/2016	Bucharest, Romania	Articles published in the popular press



36	PULSE Tweets	TRILATERAL	25/04/2016		
37	PULSE Tweets	TRILATERAL	09/05/2016		
38	PULSE presentation for the “Dr. Victor Babes” Hospital for Infectious and Tropical Diseases; support for WP7	ONEST	16/05/2015	Bucharest, Romania	WP7 stakeholder meeting
39	Presentation of PULSE at the CIRAS Conference	CESS	08/06/2016	Katowice, Poland	Oral presentation to a scientific event
40	PULSE Tweets	TRILATERAL	13/06/2016		
41	PULSE presentation for the Romanian Association for Ambulance Services; support for WP7	ONSET	12/07/2016	Bucharest, Romania	WP7 stakeholder meeting
42	Development of joint categories and criteria and methodology description for the EELPS ¹ assessment of the developed systems. (Joint effort with the ECOSSIAN project); setup of demonstration evaluation	CESS; TRI	Apr/Aug 2016 2016	DE/UK	Joint criteria catalogue and evaluation session setup
43	URGENT MED EQUITY 2016 - the XVII-th Romanian National Conference on Emergency Medicine	ONEST	03/09/2016	Poiana Brasov, Romania	Oral presentation to a scientific event
44	PULSE Tweets	TRILATERAL	09/09/2016		
45	PULSE Tweets	TRILATERAL	12/09/2016		
46	PULSE Tweets	TRILATERAL	15/09/2016		
47	News item on PULSE MCI trial: Tech trial responding to emergency takes place in Cork: Source: http://www.rte.ie/news/2016/0915/816835-emergency-response-trial-cork/	SKYTEK	15/09/2016	Ireland	Mass-media event
48	Article posted on Ireland Technology Blog, presenting PULSE MCI Trial http://irelandstechnologyblog.com/home/irelands-emergency-crisis-response-tested/#tab1-content	SKYTEK	15/09/2016	Ireland	Mass-media event
49	PULSE description for CONCORDE Project	TRILATERAL	20.09.2016		cross-project networking

¹ Ethical, Economic, Legal, Political, Societal

50	Journal paper "Simulation of Trauma Incidents" in the Springer "Journal of Medical Systems"	UCSC	21.09.2016	EU	Articles published in the popular press
51	PULSE – PANDEM cross-project workshop	LEONARD O, HSE	21-22.09.2016	Brussels	Cross-project workshop
52	Interview and information exchange with MDR (Radio and TV station) on the need and application of the EELPS methodology and tool	CESS	23.& 26.09.2016	Germany	Broadcasting(s) pending
53	"Modelling Trauma Physiology for Large Crisis Management" presented at MAS 2016 (International Conference on Modelling and Applied Simulation) http://www.msc-les.org/conf/mas2016/index.htm	UCSC	26-30.09.2016	Cyprus / EU	Oral presentation to a scientific event
54	Journal paper "Improving and Harmonizing Healthcare Processes Across Europe" in the "European Security and Defence Union" Magazine	CESS & ONEST		EU	Articles published in the popular press
55	Journal paper in the "TIEMS" Newsletter (The International Emergency Management Society)	CESS & ONEST		EU	Articles published in the popular press
56	EUSEM 2016 – 10 th European Congress on Emergency Medicine	ONEST	04/10/2016	Vienna, Austria	Oral presentation to a scientific event
57	"Mobile comms tested in simulated stadium crush in Cork" – article in e-journal https://www.siliconrepublic.com/comms/pulse-mobile-comms-test-cork/	SKY	05/10/2016	Ireland	Articles published in the popular press
58	RSF2016 – Romanian Security Fair 4 th Edition	ONEST	20-22/10/2016	Bucharest, Romania	Exhibitions
59	Romanian Association for Security Technique / ALARMA Magazine Nr. 2/2016 RSF2016 Special Issue	ONEST & CESS	20-22/10/2016	Bucharest, Romania	Articles published in the popular press
64	ESA Industrial Space Days	SKYTEK	20/09/2016 – 22/09/2016	Noordwijk, Holland.	cross-project networking
61	National Major Emergency Management conference	HSE	3/11/2016	Athlone, Ireland	Oral presentation to a scientific event
62	Security Mission Information & Innovation Group (SMI2G) Conference	SKYTEK	26/01/2016 – 27/01/2016	Brussels, Belgium	Cross-project workshop



63	Viasat Applications Factory Workshop	SKYTEK	08/02/2016	Dublin, Ireland	cross-project networking
64	ICHEC: HPC & competitiveness in Ireland	SKYTEK	30/11/2016 – 22/09/2016	Dublin	Oral presentation
65	Invited participation of PULSE participants to Radiologic Demo of EDEN project (hosted by ENEA, Italy)	UCSC	5/04/2016	Rome, Italy	Cross-project workshop
66	Invited participation of PULSE participants to Radiologic Demo of EDEN project (hosted by Policlinico Gemelli, Italy)	LEONARDO, UCSC	6/04/2016	Rome, Italy	Cross-project workshop
67	Invited participation of PULSE participants to Medical Live Chemical Demo C7 of EDEN project	LEONARDO, UCSC	28/09/2016 - 29/09/2016	Rome, Italy	Cross-project workshop



4 PULSE Cross Projects Publicity

The consortium has actively sought to engage with other relevant projects and key organisations involved in major emergency management and planning. The PULSE project manager organised interaction with the various project managers from the following consortium.

Project Acronym	Title or main contents	Relevance of projects to PULSE
<i>EU and Company Projects:</i>		
DARIUS	Providing unmanned platforms for search and rescue operations.	Enhance technology emerging from DARIUS. Discussion with project manager
SAGRES	Maritime surveillance using latest Earth Observation imagery and collaborative data streams	Possibility of Extending the Sagres technology for requesting, retrieving, visualisation of route planning and tracking. Discussion with the project manager
PRECYSE	Improve the security, reliability and resilience of the ICT systems supporting the Critical Infrastructures.	PRECYSE provided support of the monitoring of critical infrastructure networks for unusual events in real time. This real time event analysis and alerting technology will be adapted for the threat detection and alerting requirements.
EDEN	Improve resilience in management and prevention of CBRNE attack	Explore dissemination options based on work of EDEN partners
S-Help	Healthcare crisis management	S_help consortium developing their system under the same call as PULSE. Discussions on areas of co-operation. Exploratory talks on allowing S-help demo some technology at the PULSE trial. HSE is a partner in both projects
ECOSSIAN	European Critical Infrastructure protection	Exploration and harmonization of socio-political evaluation criteria and evaluation methodology EELPS ² setup and exchange of test experiments. Joint paper for CRITIS 2026 conference.
CIRAS	Risk Management methodologies in Critical Infrastructures	The CIRAS methodology includes a tool on socio-political evaluation that may be used for future PULSE system implementation. Participation of three PULSE team members in the CIRAS final conference
<i>European Space Agency Projects:</i>		

² Ethical,, Economic, Legal, Political, Societa impact



REACT	Ensuring communication and data exchange between first responders and the command centre during a major crisis.	Based on the knowledge from REACT, PULSE will ensure that, if required, the situational awareness picture of asset and aid organisation personnel in the field can be accessed via satellite enabled software systems such as REACT.
iPV & MobiPV	Development of International Procedural Viewer for the International Space Station to enable astronauts to access processes and procedures. (Currently 10,000 procedures)	<i>Standard Procedures and Processes:</i> iPV can be adapted as the tool to standardise the delivery and display of procedures using mobile technology. PULSE will use the MobiPV to display procedure information using a variety of mobile devices
RMP	Next general real maritime operational picture for the Naval service.	<i>Situational Awareness Picture:</i> Concepts from RMP can be adapted for use within PULSE particularly in the area of data fusion.

The consortium built excellent relationships with other projects to ensure the maximum dissemination and promotion of PULSE. On each of the EU project web sites below, the PULSE project is cross referenced on these sites.

Nr	Project	Web-site	PULSE Partner(s)
1	ECOSSIAN	http://www.cirasproject.eu	CESS
2	CIRAS	http://www.ecossian.eu	CESS
3	EDEN	https://www.eden-security-fp7.eu/	UCSC & LEONARDO
4	CONCORDE	http://www.concorde-project.eu/	TRILATERAL
5	PANDEM	http://www.pandem-fp7.eu	LEONARDO
6	DRIVER	http://driver-project.eu/	CESS
7.	DARIUS	http://darius-fp7.eu	Skytek
8.	SHelp	http://fp7-shelp.eu	IAEMO



5 Co-operation with International Bodies

Face to face meeting

Apart from the two very successful trials with excellent end user engagement and to promote Pulse, the consortium organised face to face meetings with key organisations involved in Major medical emergency management. A summary of the meetings are below:

Organisation	Role	Relevance to Pulse
ECDC	European Pandemic management	Two meetings to discuss ECDC requirements for a PULSE type system
WHO	Management of international co-operation	Meeting to discuss WHO requirements for a PULSE type system.
Irish Police force (Interpol In Ireland)	Casualty/missing person's bureau	Meeting to discuss requirements for a major emergency missing person's app

End user trial attendees

The end user trials attracted key end users from across Europe ensuring that PULSE tools and technologies were disseminated widely across Europe. Two trials were held, one in Cork, Ireland and Rome, Italy. Key representatives leading organisations such as WHO and ECDC attended the trials. Below is a list of end user attendees. PULSE was very fortunate that the trials included some very senior and experienced professionals with a wealth of knowledge and experience in the area of major medical emergencies. This was a significant benefit to the trials both in terms of the exercise itself and the validation process. Evaluators were able to evaluate on designated functional areas of the exercise.

Table 2: Profile of end user attendees at EVD Trial Rome

Country	Name	Profile
Israel	Prof. Manfred S. Green	Prof Green is Head, School of Public Health, Faculty of Social Welfare and Health Sciences, University of

		Haifa, Israel Research interests include epidemiology, epidemiology of chronic diseases, emerging infectious diseases and the prevention and management of potential bioterrorism incidents.
England	Dr Julia Heptonstall	Dr Julia Heptonstall trained as a physician in the NHS and as clinical microbiologist with the PHLS in the 1980's. Her main areas of expertise include communicable disease surveillance, emergency preparedness and response (co-wrote UK CBRN manual), infection control and occupationally acquired infection. She has extensive experience of investigation and management of transmission of healthcare associated infections (co-wrote UK infection-specific national guidance and guidance on management of highly infectious diseases).
Germany	Dr Carsten Koehler	Dr Carsten Koehler is Director - Centre of Excellence of Tropical Medicine, Baden-Wuerttemberg, Medical Faculty, University of Tuebingen
Italy	Dr Antonio Fasanella	Dr Fasanella is the Director of the Zoo-prophylactic Institute, Foggia, Italy
Italy	Dr Francesco Maraglino Dr Anna Caraglia	Dr, Francesco Maraglino is the Director of the Division of Infectious Diseases and Health Prevention Italian Ministry of Health. Dr Anna Caraglia is medical officer at Dr Maraglino's Division
Italy	Dr Loredana Vellucci	Dr Vellucci is the Central Director of Health Controls at Borders, Italian Ministry of Health
Italy	Dr Vincenzo Panella	Dr Panella is the Director General Health and Social Policies of the Lazio Region
Italy	Dr Domenico Antonio Ientile	Dr Ientile is the Health Director of the Regional Health Emergency (ARES-118 Rome)
Italy	Dr Maria Rosaria Loffredo	Dr Loffredo is the chief of ID unit in a local Public Health District in Rome. Her specific field of interest is the prevention of infectious disease
Italy	Dr Emanuele Nicastrì	Dr Nicastrì is the Head of the Clinical Unit of Infectious Diseases at High Intensity of Care and Highly Contagious , National Institute for Infectious Diseases "L. Spallanzani" Rome
Italy	Dr Antonino Di Caro Dr Maria Rosaria Capobianchi	Dr Di Caro is the head of Laboratory of Microbiology, the head of Laboratory Virology and Director of the Diagnostic Department, Epidemiology and Research. National Institute for Infectious Diseases "L. Spallanzani" Rome
Italy	Dr Vincenzo Puro	Dr Puro is the Director of Emerging and Reemerging

		<p>Infectious Disease Unit, National Institute for Infectious Diseases "L. Spallanzani" Rome.</p> <p>He is also responsible for the clinical risk management Unit.</p>
Italy	Dr Giuliano Rizzardini	<p>Prof. Rizzardini is the Director of the Department of Infectious Diseases at the Luigi Sacco Hospital Milan.</p>
Italy	Prof. Francesco Franceschi	<p>Prof. Francesco Franceschi is the Chief of Emergency Medicine at the Policlinico Gemelli, Catholic University of the Sacred Heart in Rome.</p>
Italy	Dr Giuseppe Ippolito	<p>Dr Ippolito is Scientific Director National Institute for Infectious Diseases Lazzaro Spallanzani and Director (since 2009) of the WHO Collaborating Centre for clinical care, diagnosis, response and training on Highly Infectious Diseases at INMI.</p> <p>Co-coordinator of the Technical Committee for the management of risks related to the intentional use of biological, chemical and nuclear weapons. He served on a number of international committees with the World Health Organization, the USA Centers for Diseases Control and Prevention, Health Canada, OECD, United Nations, NATO, G7+ Mexico -Global health Security Action Group, ILO, European Commission,.</p> <p>Over the years, Giuseppe Ippolito's research interests have been focused on: the Surveillance and control of nosocomial and occupational infections; epidemiology and prevention of HIV, HBV, HCV, and Tuberculosis; Emerging and re-emerging infections; biodefense, biosecurity and biosafety; alert, preparedness and response.</p>

Table 3: MCI Trial End Users

Agency	Name and title
Health Service Executive & National Ambulance Service	<ul style="list-style-type: none"> - Kevin O’Sullivan (<i>Operation Resource Manager, NAS</i>) - Anthony Byrne (<i>Ambulance Training Officer, HSE</i>) - Marie J McCarthy (<i>Director of Services, Cork University Hospital</i>) - Diarmuid Nolan (<i>A & E Department, Cork University Hospital</i>) - Mannix McAllister (<i>Emergency Management Office</i>) - Dr. Gerard O’Callaghan (<i>Chief Operations Officer, SSWHG</i>) - Jim Keena (<i>Emergency Management, HSE</i>)
Department of Public Health	<ul style="list-style-type: none"> - Dr Anne Sheahan (<i>Specialist in Public Health Medicine</i>)
An Garda Síochána	<ul style="list-style-type: none"> - Con Cadogan (<i>Chief Superintendent, AGS</i>) - William Dillane (<i>Chief Superintendent, AGS</i>) - Donal Ashe (<i>Inspector</i>) - Finbarr O’Sullivan (<i>Inspector</i>) - Sergeant Peter Murphy (<i>Chair of Communications & Media Liaison Sub-Group</i>) - Eammon O’Loughlin (<i>Inspector</i>) - Claire Mulligan (<i>Comms, AGS</i>) - F O’Sullivan (<i>Inspector</i>) - Donal Daly (<i>Garda</i>)
Cork County Council	<ul style="list-style-type: none"> - David Hikey (<i>Assistant Chief Fire Officer</i>)

Inter-Agency Emergency Management Office	<ul style="list-style-type: none"> - John M. Sheehan (<i>Inter Agency Emergency Management officer</i>)
Cork City Council	<ul style="list-style-type: none"> - Mr. Michael Burke (<i>Assistant Director of Services</i>) - David Spillett (<i>Assistant Chief Fire Officer</i>) - Declan O'Shea (<i>Third Officer Cork City Fire Service</i>) - Bryan Humphreys (<i>Cork City Council</i>) - Aidan O Riordan (<i>Cork City Council</i>)
Kerry County Council	<ul style="list-style-type: none"> - Charlie O'Sullivan (<i>Deputy Chief Executive, Kerry County Council</i>) - Maurice O'Connell (<i>SACFO, Kerry Fire & Rescue Service</i>) - Michael Hesson (<i>CFO Kerry County Council</i>)
Defence Forces	<ul style="list-style-type: none"> - Paddy Harkin (<i>Commander, Naval Headquarters</i>) - Laurence Egar (<i>Commandant, 1 Brigade</i>)
Order of Malta	<ul style="list-style-type: none"> - Pat Carroll (<i>Officer in Charge</i>) - Joan Mc Sweeney (<i>Order of Malta, Carrigaline</i>) - Paul Harrington (<i>Order of Malta, Carrigaline</i>) - Eoghan Harrington (<i>Order of Malta, Carrigaline</i>) - Richard Power (<i>Order of Malta, Carrigaline</i>) - Daniel Beaustang (<i>Order of Malta, Carrigaline</i>) - Beth Anne (<i>Order of Malta, Carrigaline</i>)
Irish Red Cross	<ul style="list-style-type: none"> - Jonathon Madden (<i>Unit Officer</i>) - David O'Donoghue (<i>EMT</i>)



Romania	<ul style="list-style-type: none">- Corneliu Grigore (<i>Major General - Former Undersecretary of State – First Deputy Director of the Romanian Special Telecommunications Service, Architect and Manager of the Romanian 112 Service (EU Emergency Call System)</i>)
Cork City Civil Defence	<ul style="list-style-type: none">- Veronica Forde- Aoife Keohane- Rory Conlon



Appendix

Appendix 1: Newsletters

Three newsletters were released during the PULSE trial. Links to these newsletters are provided below.

- [Newsletter 1](#)
- [Newsletter 2](#)
- [Newsletter 3](#)



Appendix 2: Flyer and Poster

A PULSE flyer and poster were released during the PULSE trial. Links to these documents are provided below.

- [PULSE Flyer](#)
- [PULSE Poster](#)