

simulation for medical practice

SIMULATION APPROACH FOR EDUCATION AND TRAINING IN EMERGENCY

R9.5 Final Dissemination Report





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Note:

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DOCUMENT VERSION 01

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1. Introduction

1.1 The SAFETY project

Simulation Approach For Education and Training in emergency (SAFETY) is a three-year training initiative of 10 partners from 7 European countries (AT, DE, ES, IT, NO, PT, RO) aimed at creating an educational offer for easing uptake of a course of study in Emergency Medicine and Simulation (EM&S). The project goal is to cooperate in the exchange of knowledge and good practices to realise a course of study in the fields of Clinical education and training and Simulation devices to support and improve the training offered in the EM&S sector.

More and more new doctors are being hired by companies developing simulation tools to train and develop devices. In this light, the project will also contribute to achieving the objectives of the Knowledge Alliance by standardising the curricula to widen the scope of job and entrepreneurial opportunities in the field of medical devices for training and simulation.

Through e-learning courses and the use of innovative simulation systems, the project aims to renew the existing training offer and overcome training gaps, making practitioners safer and ready to operate in real emergency conditions or collaborate with companies involved in developing medical simulation tools.

SAFETY will focus on the needs analysis of different target groups and the adoption of advanced medical simulation techniques, using high-fidelity manikins and virtual simulation techniques, to structure new courses and strengthen skills and modernization of European higher education systems. SAFETY will involve:

- Students & Alumni in Emergency medicine & Simulation sector
- Academic community
- European companies engaged in the medical simulation sector

SAFETY intends to systematise approaches to bringing key skills to university students, companies involved in developing simulation devices, virtual patients, and new entrants, turning them into exchange research and development. The project sustains the collaboration of partner Universities' expertise in the domains of clinical education and training and simulation devices, adopting successful business models inspired by EM&S to create educational pathways aimed at reducing key skills fragmentation, overcoming the detachment between theoretical training (learned at the University) and practical experience (acquired on the field). It develops a path composed of four steps:

- i. Knowledge Needs and Gap Analyses of Higher Education in EM&S
- ii. Body of Knowledge (BoK) in EM&S
- iii. Courses and e-learning Modules renewed upon the BoK Guidelines
- iv. Best Practices for renewing EM&S Master Programs

Along with training materials, innovative tools are being developed. First, an EM&S e-learning course will assess the internal resources of traditional medical simulations and benchmark them against the key resources required to implement simulation training within the four main steps. Secondly, a Body of Knowledge aimed at designing a successful course of study in medical simulation. To support the students and the companies engaged in clinical education and simulation devices in

developing training initiatives, the Universities will build up a fully replicable course of study in medical simulation (developed during the project lifetime) to be maintained beyond the end of the project.

1.2 WP9 Dissemination

This Work Package aims to ensure that the project, its milestones, and results will be spread to all the relevant stakeholders and the scientific community through coordinated actions most effectively. The main objective of this dissemination is to be able to bring the results of the SAFETY project to the table of each actor involved and interested in the entire process of construction and evolution of the project. Its success depends on how far the results are disseminated, which in turn are the starting point for concrete changes. The exchange of information, the sharing of experiences and theoretical and practical skills, the contamination of visions of different targets for training and employment, and the elaboration of shared models are at the base of the strategic objectives of the SAFETY project and are all united by the necessity to communicate. As a general performance indicator that is considered in the project:

- Number of entities not involved directly in the project reached;
- Number of views of public project results;
- Number of publications on other websites;
- Number of publications in newspapers or other media;
- Number of people attending the conferences and meetings where the project results will be presented;
- Performance of the social media strategy;
- Number of visits to the website.

1.3 The Final Dissemination Report

The document here presented reports on all the dissemination outputs developed in the project's lifetime. It includes:

- Project Logo;
- Project Brochure(s);
- Summary Of The Contents Published;
- Seventh, eighth, ninth, tenth, eleventh and twelfth Newsletters;
- Main Dissemination Accomplishment (n. of organisations reached, n. of people acknowledged, events organised, etc.).

2. Dissemination Strategy

2.1 Objectives, principles and target groups

Infotech leads WP9, coordinating the dissemination activities and providing the partnership with the main tools for carrying them out (logo, website, template for PPTs and DOCs, social media accounts, PR materials, etc.).

However, all partners actively disseminate project results through their networks and other target groups to produce a multiplier effect. Partners contribute to raising awareness about project aims and results. Each partner has nominated a person responsible (Dissemination Manager) for planning activities, acting as the contact person for the WP Leader Dissemination Manager, keeping records of the target audience and impact made and collecting feedback. The partners disseminate and exploit results through the project website and social media, public events and conferences, meetings and visits to key stakeholders, written material, scientific articles in relevant journals, existing contacts and networks.

The project is also published on the EU Dissemination Platform, and the main results are uploaded during the project's lifetime. Particular attention is paid to making EU support visible during events and in all materials disseminated. The name and logo of the European Commission and the Erasmus+ on all the information and promotional materials have been provided. Dissemination activities are done during the project's entire lifetime. Conferences and events are communicated by the organiser/participant to the WP leader to give the coordinator an overall view of all activities.

The project partners are committed to providing each week, in turn, one article (max 2.000 characters) and one image. Figure 1 shows the deadline calendar for all partners to monitor the publication's turn of their article on the SAFETY website. The article is shared on the website, and it is also adapted to the following social, depending on the nature of the content:

- √ 1 post on Facebook (max. 300 characters);
- √ 1 tweet (max 280 characters);
- √ 1 article for LinkedIn (max. 500 characters);
- √ 1 image/story with description on Instagram.

SMULATON AND COMMISSION OF THE SMALL OF THE		NEWS CALENDAR												
PARTNERS		DEADLINES												
UNIFG	28/01/2021	08/04/2021	17/06/2021	09/09/2021	18/11/2021	10/02/2022	21/04/2022	30/06/2022	22/09/2022	06/12/2022	28/02/2023	11/04/2023	28/07/2023	20/10/2023
TTW	04/02/2021	15/04/2021	24/06/2021	21/10/2021	25/11/2021	24/02/2022	28/04/2022	07/07/2022	29/09/2022	13/12/2022	07/03/2023	23/05/2023	01/08/2023	24/11/2023
HUBc	11/02/2021	22/04/2021	01/07/2021	23/09/2021	02/12/2021	17/02/2022	05/05/2022	14/07/2022	06/10/2022	20/12/2022	14/03/2023	30/05/2023	29/08/2023	01/12/2023
UiS	18/02/2021	29/04/2021	08/07/2021	30/09/2021	09/12/2021	03/03/2022	12/05/2022	21/07/2022	13/10/2022	10/01/2023	21/03/2023	06/06/2023	15/09/2023	12/01/2024
LMU	25/02/2021	06/05/2021	15/07/2021	07/10/2021	16/12/2021	10/03/2022	19/05/2022	28/07/2022	20/10/2022	17/01/2023	18/04/2023	13/06/2023	22/09/2023	15/12/2023
VALUEDO	04/03/2021	13/05/2021	22/07/2021	14/10/2021	06/01/2022	17/03/2022	26/05/2022	04/08/2022	27/10/2022	24/01/2023	16/05/2023	20/06/2023	13/10/2023	19/01/2024
INFOTECH	11/03/2021	20/05/2021	29/07/2021	16/09/2021	13/01/2022	24/03/2022	01/06/2022	25/08/2022	03/11/2022	31/01/2023	21/04/2023	21/07/2023	10/10/2023	22/01/2024
AMC	18/03/2021	27/05/2021	05/08/2021	28/10/2021	20/01/2022	31/03/2022	09/06/2022	01/09/2022	10/11/2022	07/02/2023	26/04/2023	04/07/2023	03/11/2023	26/01/2023
EICD	25/03/2021	03/06/2021	02/09/2021	04/11/2021	27/01/2022	07/04/2022	16/06/2022	08/09/2022	17/11/2022	14/02/2023	04/05/2023	27/06/2023	07/12/2023	02/02/2024
LAERDAL	01/04/2021	10/06/2021	26/08/2021	11/11/2021	03/02/2022	14/04/2022	23/06/2022	15/09/2022	24/11/2022	21/02/2023	09/05/2023	11/07/2023	27/10/2023	19/02/2024
SABES												21/07/2023	17/11/2023	
		FIRST PRO	JECT YEAR			SECO	ND PROJECT	YEAR			THIR	D PROJECT	YEAR	

Figure 1 – The SAFETY News Calendar

The project team also implemented SAFETY's YouTube channel to publish a series of videos entitled "ABOUT US" where each SAFETY project partner introduced themselves to the audience by describing their research/business team and project contribution. The video playlist can be reached

at <u>this link</u>. In addition, the YouTube channel was the main repository of all the theoretical and practical videos of the <u>SAFETY e-learning course</u>.

The strategy goals are determined by and dependent on the project's main objectives. However, despite not being the same, the communication objectives are designed to help achieve SAFETY's goals. Therefore, the objectives of the dissemination and exploitation strategy are the following:

- 1. Enhancing the skills of each actor;
- 2. Involving each actor in the various initiatives of the project;
- 3. Engaging current students and new entrants to embrace the Simulation approach so that it gets introduced into the future Clinical education in medical simulation;
- 4. Creating flows of exchange of information between stakeholders, stimulating debate and putting into practice the results;
- 5. Showing short and long-term benefits for HEIs, students and entrepreneurs adopting a better Simulation approach;
- 6. Providing visibility to entrepreneurs already adopting the Simulation approach, universities and entities already carrying out Clinical education in medical simulation;
- 7. Contributing to the development of a network in which information can be transferred in a clear, fluid and secure way;
- 8. Promoting SAFETY creates the possibility for Universities and companies to cooperate, share knowledge and create innovative training materials, meeting theoretical knowledge with practical experience;
- 9. Making known and usable the materials produced and the results achieved through the project SAFETY, using innovative tools (Training needs analysis, e-learning courses) and the contribution of the new curricula in medical simulations.

The target groups individualised in the project are:

- 1. Academic community
- 2. Simulation centres community, Business Associations of Simulation Centers
- 3. Public Bodies (EU bodies, National Governments, Regional entities, etc.)

To reach out to the above audiences, SAFETY uses some channels and cooperates with other relevant national and international organisations, programmes, and projects that share similar objectives. Some examples of implemented and potential communication channels are given below in Table 1, classified into two lists according to the audience size. The SAFETY project combines those to communicate the project results effectively.

Table 1. SAFETY Channels for Dissemination

Examples of non-media communication	Examples of media communication
Face-to-face conversation	Newspapers and magazines
Group discourses	Press releases
Conferences	Newsletters
Round tables	Manuals
Exhibitions	Brochures
Meetings	Video
Workshops	Posters
Open days	Banners
Skype calls	Website
E-mail	Blogs
Policy Brief	Social media
Smaller audience, lower costs, more effort. Interactive, good for acquiring input, Flexible (easy to change tone, strategy, and content)	Potentially large audience. Uses the credibility of the mass media

2.2 The SAFETY community

The partners made efforts to approach and contact interested parties. As the project reached the stage of organising and developing the online medical simulation training course, the stakeholder communities became more stable, more trustworthy, and more engaged.

Below, in Table 2, the network of associated Partners is shown, outlined in the Dissemination Plan and formed during the project's life, with which the partnership will continue to relate to carry out and effectively implement the exploitation activities even after the end of the project.

Table 2. SAFETY network - Associated Partners

Name of the Associated Partner	Country	Contact person	Organisation type
EASC Pescara – Emergency Advanced Simulation Center	Italy	Alberto Albani Andrea Di Blasio	Training centre in advanced emergency simulation
Accurate Solutions	Italy	Massimo Giannesi	Research and development company in the field of simulation in medicine
SIAARTI	Italy	Ilenia Rossini	Scientific Association
INTECH	Italy	Nicola Marino	Company involved in the development and production of tools and technologies for medical simulation
Area Nuova	Italy	Nicola Pio Fochi	Student Association
Laerdal Spain	Spain	David Gallina	Company involved in the development and production of tools and technologies for medical simulation
Laerdal Norway	Norway	Michael Sautter	Company involved in the development and production of tools and technologies for medical simulation
NUME+	Italy	Giacomo Gensini Annalisa Pellecchia	Company involved in providing training courses for medical simulation
AGN Arbeitsgemeinschaft Notfallmedizin München	Germany	Marie-Sophie FranzMaximilian Wörndl	Student Association
UMANRESA	Spain	Carmen Gomar	University
CISARC	Spain	Carmen Gomar	Training centre in advanced emergency simulation
CPS Centro Professionale Sociosanitario Lugano	Switzerland	Pier Luigi Ingrassia	Training centre in advanced emergency simulation
SESAM Society for Simulation in Europe	Germany	Marc Lazarovici	Scientific Association
SRATI Societatea Romana de Anestezie si Terapie Intensiva	Romania	Prof. Dr. Şerban lon Bubenek-Turconi Mihai Stefan	Scientific Association

SISM Segretariato Italiano	Italy	Mario Delrio	Student Association
Studenti Medicina			
Yarmouk University	Jordan	Loui M. Al-Husinat	University

2.3 Dissemination Tools

2.3.1 Logo

identity, helping to support visual communication and social branding. The project's **visual** identity authenticates and strengthens the communication and dissemination of SAFETY messages, and it ensures that all communication and dissemination products, including reports, the website, flyers, posters, presentation slides and promotional banners, have a professional and uniform look. SAFETY logo concept development and its finalised versions are shown in Figures 2 and 3.



Figure 2 - Concept idea for the logo

The reasons behind the logo are the following:

- ✓ The shape of SAFETY refers to a Cross, the typical symbol used in healthcare.
- ✓ It is an impactful logo; it represents the most visible element, the cross, which contains the acronym SAFETY and highlights a seal that is somehow connected to accreditation and credibility.
- ✓ The violet represents the colour of spirituality, the energy of red with the calm of blue, that inspires reflection and self-awareness. It communicates the soul of those engaged in emergency medicine: intuitive, ready to practice and compassionate.





Figure 3 – SAFETY official logos

2.3.2 Website

The website has been developed considering the visual identity expressed through the logo. The SAFETY website has been built in M3 and updated throughout the entire project duration, as it is the main access point to key information about the project.

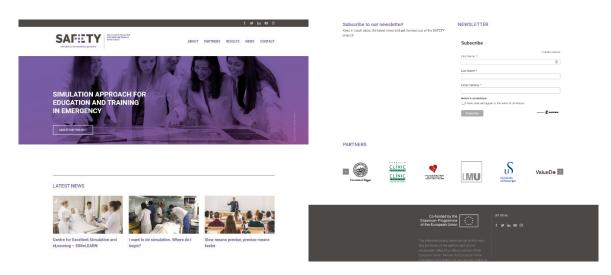


Figure 4 – SAFETY website, Homepage

The SAFETY website is key to the intended dissemination and outreach strategy. It contains all relevant information about the project and easy access to the resources and outcomes. It also provides centralised access to the various publicly available deliverables, publications and/or articles related to the project. According to the SAFETY visual profile, the website is an important communication tool, so it is constantly being developed, updated, and improved.

The project's website is published under the URL: https://safetymedsim.eu/. It provides access to social and newsletters, and it is divided into the following main sections and subsections:

- ABOUT
- PARTNERS
- RESULTS
 - ✓ Project Brochure
 - ✓ Training Needs Report
 - ✓ Body of Knowledge
 - ✓ Handbook of the SAFETY outputs
- NEWS
- E-LEARNING COURSE
- CONTACT

As mentioned, the partners are committed to submitting one article and photo weekly in rotation.

Infotech's dissemination manager, together with the dissemination leaders from each partner, had an important virtual meeting at the beginning of the project to rigorously establish and plan the schedule of articles, the best strategies of impact with the public, and the complete willingness to adhere to all deadlines to show the strong online presence of the SAFETY project, this due to the pandemic period that most often hindered the organisation of in-person dissemination activities.

The full list of articles in the "news" section of the website contains 120 published articles. Furthermore, 19 general articles (conferences, breaking news, greetings, etc.) have been prepared by Infotech and published on the SAFETY website so far. They are summarised down below in Table 3. All these articles were adapted for publications on social media. In case a partner did not submit the article, this had been tried to be replaced by Infotech.

Table 3. List of the articles on the SAFETY website

#	Title	Publication Date	URL	Partner
1	"SAFETY" project: a new European network for e-learning training and innovative simulation tools in the medical field	16/12/2020	https://safetymedsim.eu/safety-project- a-new-european-network-for-e- learning-training-and-innovative- simulation-tools-in-the-medical-field/	UNIFG
2	Kick-off Meeting for Erasmus+ KA projects selected – 28 January 2021	28/01/2021	https://safetymedsim.eu/kick-off- meeting-for-erasmus-ka-projects- selected-28-january-2021/	INFOTECH
3	Advanced Medical Simulation: why we need it?	29/01/2021	https://safetymedsim.eu/advanced- medical-simulation-why-we-need-it/	UNIFG
4	Preparing today's students to meet the challenges of tomorrow with Clinical Simulation	05/02/2021	https://safetymedsim.eu/students- challenges-clinical-simulation/	TTW
5	Sharing simulation experiences: a realistic and economic cricothyrotomy phantom	12/02/2021	https://safetymedsim.eu/sharing- simulation-experiences-a-realistic-and- economic-cricothyrotomy-phantom/	HUBC
6	Each emergency is different and requires different skills	19/02/2021	https://safetymedsim.eu/each- emergency-is-different-and-requires- different-skills/	UIS
7	What else do we need to consider when talking about emergency trainings?	26/02/2021	https://safetymedsim.eu/what-else-do- we-need-to-consider-when-talking- about-emergency-trainings/	LMU
8	But how was SAFETY project financed?	05/03/2021	https://safetymedsim.eu/but-how-was- safety-project-financed/	VALUEDO
9	Digitalization in the era of Covid-19: why is it an opportunity for the SAFETY project?	12/03/2021	https://safetymedsim.eu/digitalization- in-the-era-of-covid-19-why-is-it-an- opportunity-for-the-safety-project/	INFOTECH
10	Let's talk about SAFETY communication channels	19/03/2021	https://safetymedsim.eu/lets-talk- about-safety-communication-channels/	INFOTECH
11	Using simulation for COVID-19 pandemic preparedness	26/03/2021	https://safetymedsim.eu/using- simulation-for-covid-19-pandemic- preparedness/	EICD
12	SAFETY Project: first Associated Partners meeting	27/03/2021	https://safetymedsim.eu/safety-project- first-associated-partners-meeting/	INFOTECH
13	LD-HF Laerdal Evidence Approach	02/04/2021	https://safetymedsim.eu/ld-hf-laerdal- evidence-approach/	LAERDAL
14	Seeker of truth	08/04/2021	https://safetymedsim.eu/seeker-of- truth/	UNIFG
15	Today is the SAFETY Q-Day!	09/04/2021	https://safetymedsim.eu/today-is-the- safety-q-day/	INFOTECH
16	Inclusion, digital and green skills: the new Erasmus + 2021 – 2027	13/04/2021	https://safetymedsim.eu/inclusion- digital-and-green-skills-the-new- erasmus-2021-2027/	VALUEDO
17	Importance of standardization	20/04/2021	https://safetymedsim.eu/importance- of-standardization/	TTW
18	The art of being good	23/04/2021	https://safetymedsim.eu/the-art-of- being-good/	HUBC
19	SAFETY Project inspires: a Norwegian project for student active simulation-based learning in higher education	30/04/2021	https://safetymedsim.eu/safety-project- inspires-a-norwegian-project-for- student-active-simulation-based- learning-in-higher-education/	UIS

20	Know the "WHY"	07/05/2021	https://safetymedsim.eu/know-the- why/	LMU
21	2nd official SAFETY project virtual Meeting "Barcelona" – 5 May 2021	08/05/2021	https://safetymedsim.eu/2nd-official- safety-project-virtual-meeting- barcelona-5-may-2021/	INFOTECH
22	Which are the main goals of SAFETY project?	14/05/2021	https://safetymedsim.eu/which-are- the-main-goals-of-safety-project/	VALUEDO
23	Did you know about our Associated Partners?	21/05/2021	https://safetymedsim.eu/did-you-know-about-our-associated-partners/	INFOTECH
24	COVID-19 Pandemic urges for simulation	04/06/2021	https://safetymedsim.eu/covid-19- pandemic-urges-for-simulation/	EICD
25	How does SimCapture support Remote Simulation?	10/06/2021	https://safetymedsim.eu/how-does-simcapture-support-remote-simulation/	LAERDAL
26	Project management: the construction of the international network and partners search	18/06/2021	https://safetymedsim.eu/project- management-the-construction-of-the- international-network-and-partners- search/	UNIFG
27	Virtual Patients help healthcare professionals be ready for COVID-19 vaccination process	25/06/2021	https://safetymedsim.eu/virtual- patients-help-healthcare-professionals- be-ready-for-covid-19-vaccination- process/	TTW
28	SAFETY project at the Italian SIMMED2021 workshop	28/06/2021	https://safetymedsim.eu/safety-project- at-the-italian-simmed2021-workshop/	UNIFG
29	Simulate to boost real empathy	02/07/2021	https://safetymedsim.eu/simulate-to- boost-real-empathy/	HUBC
30	Using VR glasses to diagnose rare conditions	09/07/2021	https://safetymedsim.eu/using-vr- glasses-to-diagnose-rare-conditions/	UIS
31	Usability in medical technology development – the key to success	16/07/2021	https://safetymedsim.eu/usability-in- medical-technology-development-the- key-to-success/	LMU
32	EU4Health 2021-2027: a vision for a healthier European Union	23/07/2021	https://safetymedsim.eu/eu4health- 2021-2027-a-vision-for-a-healthier- european-union/	VALUEDO
33	Do you know medical simulation?	30/07/2021	https://safetymedsim.eu/do-you-know-medical-simulation/	INFOTECH
34	"The more I practice, the luckier I get"	06/08/2021	https://safetymedsim.eu/the-more-i- practice-the-luckier-i-get/	AMC
35	The price of CPR pause can be improved with an app	27/08/2021	https://safetymedsim.eu/the-price-of- cpr-pause-can-be-improved-with-an- app/	LAERDAL
36	Simulation for trauma management in an online environment SAFETY at the Congress of the Romanian Society of Anaesthesia and Intensive Care 2021	03/09/2021	https://safetymedsim.eu/simulation- for-trauma-management-in-an-online- environment-safety-at-the-congress-of- the-romanian-society-of-anaesthesia- and-intensive-care-2021/	EICD
37	Gender equality: is it also a concern for Intensive Care Medicine?	10/09/2021	https://safetymedsim.eu/gender- equality-is-it-also-a-concern-for- intensive-care-medicine/	UNIFG
38	You can't put a value on that Or can you? Economic evaluation in simulation-based medical education	22/09/2021	https://safetymedsim.eu/you-cant-put-a-value-on-that-or-can-you-economic-evaluation-in-simulation-based-medical-education/	INFOTECH

	•	1	1	
39	Game, Play and Simulation	27/09/2021	https://safetymedsim.eu/game-play- and-simulation/	HUBC
40	Collaboration is the new currency	01/10/2021	https://safetymedsim.eu/collaboration- is-the-new-currency/	UIS
41	Building up the future	08/10/2021	https://safetymedsim.eu/building-up- the-future/	LMU
42	Euroanaesthesia 2021: the latest innovations in anaesthesia and emergency medicine	15/10/2021	https://safetymedsim.eu/euroanaesthe sia-2021-the-latest-innovations-in- anaesthesia-and-emergency-medicine/	VALUEDO
43	The Golden Circle of Simulation	22/10/2021	https://safetymedsim.eu/the-golden- circle-of-simulation/	TTW
44	5th SAFETY virtual meeting – October 2021	26/10/2021	https://safetymedsim.eu/5th-safety- virtual-meeting-october-2021/	INFOTECH
45	In situ trainings in medical simulation – what it is and what it can do for healthcare providers	29/10/2021	https://safetymedsim.eu/in-situ- trainings-in-medical-simulation-what-it- is-and-what-it-can-do-for-healthcare- providers/	AMC
46	Towards a unified framework of teaching and learning through simulation	09/11/2021	https://safetymedsim.eu/towards-a- unified-framework-of-teaching-and- learning-through-simulation/	EICD
47	SAFETY is now on Instagram!	09/11/2021	https://safetymedsim.eu/safety-is-now- on-instagram/	INFOTECH
48	Distance Learning, which future after Covid-19?	12/11/2021	https://safetymedsim.eu/distance- learning-which-future-after-covid-19/	LAERDAL
49	"Delivering" Simulation: training initiatives at the University of Foggia	19/11/2021	https://safetymedsim.eu/delivering- simulation-training-initiatives-at-the- university-of-foggia/	UNIFG
50	Virtual Patients and the Flipped Classroom learning approach	30/11/2021	https://safetymedsim.eu/virtual- patients-and-the-flipped-classroom- learning-approach/	TTW
51	SAFETY at the SESSEP2021 Conference	02/12/2021	https://safetymedsim.eu/safety-at-the- sessep2021-conference/	HUBC
52	The value of multi-professional simulation	10/12/2021	https://safetymedsim.eu/the-value-of- multi-professional-simulation/	UIS
53	Dream teams are made, not born.	17/12/2021	https://safetymedsim.eu/dream-teams- are-made-not-born/	LMU
54	Merry Christmas and Happy New Year 2022	30/12/2021	https://safetymedsim.eu/merry- christmas-and-happy-new-year-2022/	INFOTECH
55	The 3rd official SAFETY project virtual Meeting "in Munich"	07/01/2022	https://safetymedsim.eu/the-3rd- official-safety-project-virtual-meeting- in-munich/	INFOTECH
56	The importance of dissemination activities in European projects	14/01/2022	https://safetymedsim.eu/the- importance-of-dissemination-activities- in-european-projects/	INFOTECH
57	Let's talk about our project partner AMC	21/01/2022	https://safetymedsim.eu/lets-talk- about-our-project-partner-amc/	AMC
58	How to fund a national simulation centre network – the story of newly set-up Romanian simulation centres	28/01/2022	https://safetymedsim.eu/how-to-fund- a-national-simulation-centre-network- the-story-of-newly-set-up-romanian- simulation-centres/	EICD
59	Challenges in Building Skills Competence	04/02/2022	https://safetymedsim.eu/challenges-in-building-skills-competence/	LAERDAL

			https://safetymedsim.eu/lung-	
60	Lung Microbiota: A new way forward	11/02/2022	microbiota-a-new-way-forward-for-	UNIFG
	for future treatments?		future-treatments/	
C1	CAFETY to bound the smiles	10/02/2022	https://safetymedsim.eu/safety-to-	LILIDG
61	SAFETY to handle the spikes	18/02/2022	handle-the-spikes/	HUBC
	Stavanger has the world's fastest		https://safetymedsim.eu/stavanger-	
62	stroke medical treatment	07/03/2022	has-the-worlds-fastest-stroke-medical-	UIS
	Stroke medical deathern		<u>treatment/</u>	
	Effects of the Erasmus+		https://safetymedsim.eu/effects-of-the-	
63	programmes – widening the view	22/03/2022	erasmus-programmes-widening-the-	LMU
			view/	
<i>C</i> 1	European Programme of Work:	20/02/2022	https://safetymedsim.eu/european-	VALUEDO
64	United Action for Better Health in	29/03/2022	programme-of-work-united-action-for- better-health-in-europe/	VALUEDO
	Europe		https://safetymedsim.eu/basics-of-	
65	Basics of Debriefing	05/04/2022	debriefing/	AMC
			https://safetymedsim.eu/management-	
66	Management of the COVID-19	12/04/2022	of-the-covid-19-pandemic-in-the-	EICD
	pandemic in the romanian ICUs		romanian-icus/	
	Slow means precise, precise means		https://safetymedsim.eu/slow-means-	
67	faster	26/04/2022	precise-precise-means-faster/	UNIFG
	I want to do simulation. Where do I		https://safetymedsim.eu/i-want-to-do-	
68	begin?	10/05/2022	simulation-where-do-i-begin/	HUBC
			https://safetymedsim.eu/centre-for-	
69	Centre for Excellent Simulation and	17/05/2022	excellent-simulation-and-elearning-	UIS
	eLearning – SIMeLEARN		simelearn/	
70	"SAFETY first, Practice makes	27/05/2022	https://safetymedsim.eu/safety-first-	LMU
	perfect" Mass Casualty Incident		practice-makes-perfect-mass-casualty-	
	Exercise in a hospital		incident-exercise-in-a-hospital/	
71	Diffusion, Dissemination, and	08/06/2022	https://safetymedsim.eu/diffusion-	INFOTECH
	Implementation: Who should do		dissemination-and-implementation-	
	what?		who-should-do-what/	
72	Healthcare is a high-stakes industry	14/06/2022	https://safetymedsim.eu/healthcare-is-	AMC
	that is prone to crises		a-high-stakes-industry-that-is-prone-to-	
73	LAERDAL CONNECT – "How to	29/06/2022	crises/ https://safetymedsim.eu/laerdal-	LAERDAL
75	manage a Simulation Center	23/00/2022	connect-how-to-manage-a-simulation-	LALINDAL
	through one click"		center-through-one-click/	
74	New book on: "Practical Guide to	05/07/2022	https://safetymedsim.eu/new-book-on-	UNIFG
-	Simulation in Delivery Room		practical-guide-to-simulation-in-	
	Emergencies"		delivery-room-emergencies/	
75	In situ multidisciplinary simulation	19/07/2022	https://safetymedsim.eu/in-situ-	HUBC
	in obstetric emergencies		multidisciplinary-simulation-in-	
			obstetric-emergencies/	
76	Sustainability in health care	26/07/2022	https://safetymedsim.eu/sustainability-	LMU
			in-health-care/	
77	The professional site of emotions	03/08/2022	https://safetymedsim.eu/the-	UIS
70	II. OUTDUTS	22/02/2222	professional-site-of-emotions/	INTEGER
78	How OUTPUTS generate OUTCOMES	23/08/2022	https://safetymedsim.eu/how-outputs-	INFOTECH
	that generate IMPACTS: the role of dissemination activities		generate-outcomes-that-generate-	
	uissemmuum uctivities		<u>impacts-the-role-of-dissemination-activities/</u>	
79	The SAFETY course: a great	31/08/2022	https://safetymedsim.eu/the-safety-	VALUEDO
19	opportunity for renovating the	3170072022	course-a-great-opportunity-for-	VALUEDO
	educational offer in the field of		renovating-the-educational-offer-in-	
	Emergency Medicine		the-field-of-emergency-medicine/	
	,	I		1

80	"There is no reason for the surgeon to learn on the patient": cornerstones in the history of medical simulation	06/09/2022	https://safetymedsim.eu/there-is-no-reason-for-the-surgeon-to-learn-on-the-patient-cornerstones-in-the-	AMC
81	The SAFETY Project in the National Conference "Technology and iHealth in Medicine in the 21st century"	14/09/2022	history-of-medical-simulation/ https://safetymedsim.eu/the-safety- project-in-the-national-conference- technology-and-ihealth-in-medicine-in- the-21st-century/	EICD
82	LAERDAL is Partner of PEDIATRIC SIMULATION GAMES	20/09/2022	https://safetymedsim.eu/laerdal-is- partner-of-pediatric-simulation-games/	LAERDAL
83	SAFETY team meeting: updates and new steps for the project implementation	04/10/2022	https://safetymedsim.eu/safety-team- meeting/	UNIFG
84	GEMEDIC: Summer School in Medical and Surgical Emergency Management	10/10/2022	https://safetymedsim.eu/gemedic- summer-school-in-medical-and- surgical-emergency-management/	UNIFG
85	Do you practice teaming?	14/10/2022	https://safetymedsim.eu/do-you- practice-teaming/	HUBC
86	InterRegSim – The Collaborative Network for Simulation-based Learning in Norwegian Hospitals	18/10/2022	https://safetymedsim.eu/interregsim- the-collaborative-network-for- simulation-based-learning-in- norwegian-hospitals/	UIS
87	In situ simulation as part of risk management for the opening of new clinical facilities	28/10/2022	https://safetymedsim.eu/in-situ- simulation-as-part-of-risk- management-for-the-opening-of-new- clinical-facilities/	LMU
88	EU4Health: open the call for public procurement in the health sector	03/11/2022	https://safetymedsim.eu/eu4health- open-the-call-for-public-procurement- in-the-health-sector/	VALUEDO
89	Adding on to the last articles: a few more arguments on when, what, why to train with medical simulation	24/11/2022	https://safetymedsim.eu/adding-on-to- the-last-articles-a-few-more- arguments-on-when-what-why-to-train- with-medical-simulation/	AMC
90	The SAFETY project: new steps forward simulation approach for education and training in emergency	28/11/2022	https://safetymedsim.eu/the-safety- project-new-steps-forward-simulation- approach-for-education-and-training- in-emergency/	UNIFG
91	SAFETY is online on YouTube!	20/12/2022	https://safetymedsim.eu/safety-is- online-on-youtube/	INFOTECH
92	A (simulation) Christmas tale	21/12/2022	https://safetymedsim.eu/a-simulation- christmas-tale/	HUBC
93	Communication training at HelseCampus Stavanger	10/01/2023	https://safetymedsim.eu/communication-training-at-helsecampus-stavanger/	UIS
94	The future of Healthcare Leaders and the need for Medical Leadership Training	17/01/2023	https://safetymedsim.eu/the-future-of- healthcare-leaders-and-the-need-for- medical-leadership-training/	LMU
95	The SAFETY project at SESAM Lisbon 2023	20/01/2023	https://safetymedsim.eu/the-safety- project-at-sesam-lisbon-2023/	INFOTECH
96	Innovative Health Initiative: the topics of the next calls are out	24/01/2023	https://safetymedsim.eu/innovative- health-initiative-the-topics-of-the-next- calls-are-out/	VALUEDO
97	Erasmus+ Capacity Building in the field of Vocational Education and Training	03/02/2023	https://safetymedsim.eu/erasmus- capacity-building-in-the-field-of- vocational-education-and-training/	INFOTECH
98	MEDUSA: Developing a neurosurgical simulator	07/02/2023	https://safetymedsim.eu/medusa- developing-a-neurosurgical-simulator/	AMC

99	SIMULATION – One step closer to Applied Physiology	14/02/2023	https://safetymedsim.eu/simulation- one-step-closer-to-applied-physiology/	EICD
100	Equitable care: Laerdal SimMan 3G PLUS brings to the real-world cultural diversity and inclusivity	22/02/2023	https://safetymedsim.eu/equitable- care-laerdal-simman-3g-plus-brings-to- the-real-world-cultural-diversity-and- inclusivity/	LAERDAL
101	Airway Management: from theory to practice and human factor at the SimUMed center of the University of Foggia	03/03/2023	https://safetymedsim.eu/airway- management-from-theory-to-practice- and-human-factor-at-the-simumed- center-of-the-university-of-foggia/	UNIFG
102	Do you know what psychological safety is not?	14/03/2023	https://safetymedsim.eu/do-you-know- what-psychological-safety-is-not/	HUBC
103	Simulation training using 360° video	21/03/2023	https://safetymedsim.eu/simulation- training-using-360-video/	UIS
104	New developments and updates from the SAFETY project	04/04/2023	https://safetymedsim.eu/new- developments-and-updates-from-the- safety-project/	UNIFG
105	How to foster Leadership in Medical teams	12/04/2023	https://safetymedsim.eu/how-to-foster- leadership-in-medical-teams/	LMU
106	Have you ever heard of S.M.A.R.T. objectives in European projects?	21/04/2023	https://safetymedsim.eu/have-you- ever-heard-of-s-m-a-r-t-objectives-in- european-projects/	INFOTECH
107	Why does Digital Learning in Healthcare make a lot of sense	26/04/2023	https://safetymedsim.eu/why-does- digital-learning-in-healthcare-make-a- lot-of-sense/	AMC
108	Monitor By Laerdal: sustainable, easy to use, flexible. The perfect solution to be effective.	09/05/2023	https://safetymedsim.eu/monitor-by- laerdal-sustainable-easy-to-use- flexible-the-perfect-solution-to-be- effective/	LAERDAL
109	Advancing Healthcare through Simulation: European Union's Approach to Medical Training	25/05/2023	https://safetymedsim.eu/advancing- healthcare-through-simulation- european-unions-approach-to-medical- training/	VALUEDO
110	Promoting a clinical debriefing culture	30/05/2023	https://safetymedsim.eu/promoting-a-clinical-debriefing-culture/	HUBC
111	Strange and back again – Escape rooms as learning opportunities for healthcare professionals	09/06/2023	https://safetymedsim.eu/strange-and- back-again-escape-rooms-as-learning- opportunities-for-healthcare- professionals/	UIS
112	Students – healthcare professionals of tomorrow	13/06/2023	https://safetymedsim.eu/students- healthcare-professionals-of-tomorrow/	LMU
113	Exploring Upcoming European Events and Conferences on Emergency Medicine and Simulation in Medicine	20/06/2023	https://safetymedsim.eu/exploring- upcoming-european-events-and- conferences-on-emergency-medicine- and-simulation-in-medicine/	VALUEDO
114	A Romanian National Simulation Workshop in Advanced Airway Management: A Leap Forward in Anaesthesia and ICM Training	27/06/2023	https://safetymedsim.eu/a-romanian- national-simulation-workshop-in- advanced-airway-management-a-leap- forward-in-anaesthesia-and-icm- training/	EICD
115	Simulation training in obstetrics	04/07/2023	https://safetymedsim.eu/simulation- training-in-obstetrics/	AMC
116	Optimal Team Composition for Simulation Training in Medical Emergencies: Unveiling the Missing Piece	07/07/2023	https://safetymedsim.eu/optimal-team- composition-for-simulation-training-in- medical-emergencies-unveiling-the- missing-piece/	UIS

117	Harrist Andrews of Course December	12/07/2022	hater of the feet was a deline on the constitue of the	LAEDDAL
117	Unveiling the Power of Game-Based	12/07/2023	https://safetymedsim.eu/unveiling-the-	LAERDAL
	Learning: Laerdal's sponsorship in		power-of-game-based-learning-	
	Pediatric Simulation Games to		laerdals-sponsorship-in-pediatric-	
	enhance Pediatric Healthcare		simulation-games-to-enhance-	
440	Education	20/07/2022	pediatric-healthcare-education/	CAREC
118	High-fidelity simulation increases	20/07/2023	https://safetymedsim.eu/high-fidelity-	SABES
	the safety and competence of		simulation-increases-the-safety-and-	
	operators in delivery rooms		competence-of-operators-in-delivery-	
	throughout a whole region		rooms-throughout-a-whole-region/	
119	Game-based learning and	01/08/2023	https://safetymedsim.eu/game-based-	UNIFG
	Gamification: new training		learning-and-gamification-new-	
400	approaches in medicine	00/00/0000	training-approaches-in-medicine/	5
120	Cognitive Aids and SAFETY	28/08/2023	https://safetymedsim.eu/cognitive-aids-	HUBC
			and-safety/	
121	Medical Simulation and the SAFETY	12/09/2023	https://safetymedsim.eu/medical-	UIS
	Project – A machine room view		simulation-and-the-safety-project-a-	
			machine-room-view/	
122	Simulation based education –	22/09/2023	https://safetymedsim.eu/simulation-	LMU
	educational, but also political		based-education-educational-but-also-	
	challenges		political-challenges/	
123	SAFETY Project at SIMMED National	06/10/2023	https://safetymedsim.eu/safety-project-	INFOTECH
	Conference 2023		at-simmed-national-conference-2023/	
124	Hal s5301 is the first humanoid	13/10/2023	https://safetymedsim.eu/hal-s5301-is-	VALUEDO
	simulator in Europe for training		the-first-humanoid-simulator-in-	
	doctors		europe-for-training-doctors/	
125	SAFETY at the SIMMED National	20/10/2023	https://safetymedsim.eu/safety-at-the-	UNIFG
	Conference: a good practice of		simmed-national-conference-a-good-	
	European cooperation for higher		practice-of-european-cooperation-for-	
	education in Emergency Medicine		higher-education-in-emergency-	
	through simulation		medicine-through-simulation/	
126	What are Laerdal's developments in	27/10/2023	https://safetymedsim.eu/what-are-	LAERDAL
	the Metaverse		<u>laerdals-developments-in-the-</u>	
			metaverse/	
127	The Impact of Medical Simulation	06/11/2023	https://safetymedsim.eu/the-impact-of-	AMC
	and Team Training on Patient		medical-simulation-and-team-training-	
	Outcomes		on-patient-outcomes/	
128	Simulation in the time of Covid	17/11/2023	https://safetymedsim.eu/simulation-in-	SABES
			the-time-of-covid/	
129	Simulation – Based Learning with	23/11/2023	https://safetymedsim.eu/simulation-	TTW
	Virtual Patients for Education and		based-learning-with-virtual-patients-	
	Training in Emergency Situations		for-education-and-training-in-	
			emergency-situations/	
130	Sharing simulation experiences: a	01/12/2023	https://safetymedsim.eu/sharing-	HUBC
	realistic low-cost thoracostomy		simulation-experiences-a-realistic-low-	
	phantom		cost-thoracostomy-phantom/	
131	Are you ready? SAFETY platform	18/12/2023	https://safetymedsim.eu/are-you-	EICD
	receiving last touch before official		ready-safety-platform-receiving-last-	
	launch		touch-before-official-launch/	
132	The relevance of making your voice	20/12/2023	https://safetymedsim.eu/the-relevance-	LMU
	heard		of-making-your-voice-heard/	
133	Merry Christmas and a Happy New	21/12/2023	https://safetymedsim.eu/merry-	INFOTECH
	Year		christmas-and-a-happy-new-year/	
134	Explaining health service	11/01/2024	https://safetymedsim.eu/explaining-	UIS
	preparation for the COVID-19 crisis		health-service-preparation-for-the-	
	utilizing simulation-based activities		covid-19-crisis-utilizing-simulation-	
	in a Norwegian hospital: A		based-activities-in-a-norwegian-	
	qualitative case study		hospital-a-qualitative-case-study/	
		i		

135	Unlocking Healthcare Excellence: E –	20/01/2024	https://safetymedsim.eu/unlocking-	VALUEDO
	health Assessment		healthcare-excellence-e-health-	
			assessment/	
136	Why Simulation Centers Require	27/01/2024	https://safetymedsim.eu/why-	AMC
	Simulation Technicians for Optimal		simulation-centers-require-simulation-	
	Functionality		technicians-for-optimal-functionality/	
137	New opportunities and innovative	07/02/2024	https://safetymedsim.eu/new-	UNIFG
	tools for medical training. Final		opportunities-and-innovative-tools-for-	
	event of the Erasmus project		medical-training-final-event-of-the-	
	"SAFETY"		erasmus-project-safety/	
138	Simcapture Mobile Camera App: The	20/02/2024	https://safetymedsim.eu/simcapture-	LAERDAL
	new way of training in movement		mobile-camera-app-the-new-way-of-	
			training-in-movement/	
139	The end of the SAFETY Project	28/02/2024	https://safetymedsim.eu/the-end-of-	INFOTECH
			the-safety-project/	

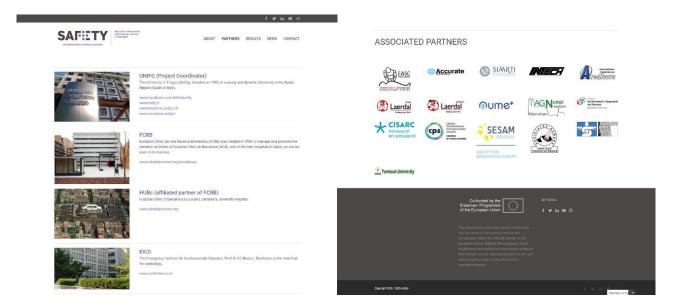


Figure 5 – SAFETY website, Partners & Associated Partners section

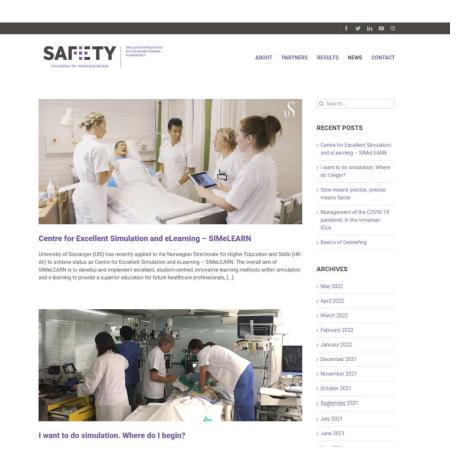


Figure 6 - SAFETY website, News section

From the SAFETY website, the users can also access the <u>resources</u> made available to the public. Of foremost importance to this stage of the project, is the creation if the Simulation e-learning course available to the newcomers to Medical Simulation. Such tool was developed by the University partners and Infotech.

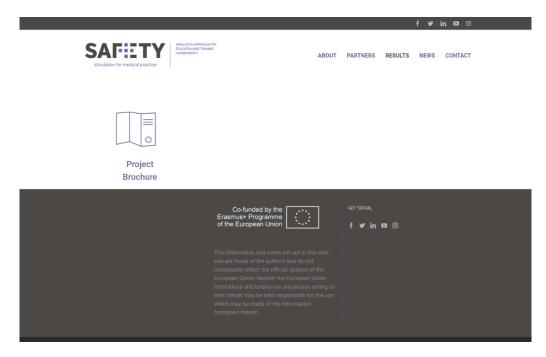


Figure 7 – Materials available on the SAFETY website

2.3.3 Social Media

The social media of the SAFETY project presents the articles published on the website adapted in a suitable form according to their channel. Together with the article presented in section 2.2.2, the social media have been publishing additional posts on:

- 1. Publications of interest
- 2. Projects of interest
- 3. Conferences where partners participated and disseminated the project
- 4. Periodic summaries of the project achievements for stakeholders
- 5. Virtual Conferences are organised by Munich, Barcelona, and Foggia.
- 6. Società Italiana SIMulazione in MEDicina (SIMMED) Magazine
- 7. Italian SIMMED2021 workshop
- 8. University of Stavanger latest news by UiS
- 9. Romanian Society of Anesthesia and Intensive Care latest news by EICD
- 10. Final Project Conference in Foggia (Italy)
- 11. Virtual Project meeting
- 12. Focus group of SAFETY at UNIFG
- 13. Together with all the newsletters.

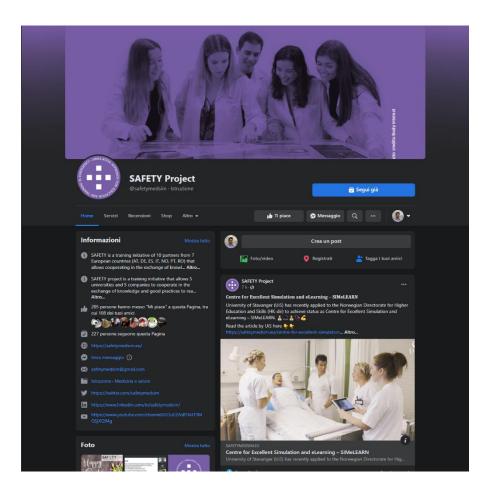


Figure 8 - The SAFETY facebook page



Figure 9 – The SAFETY twitter page

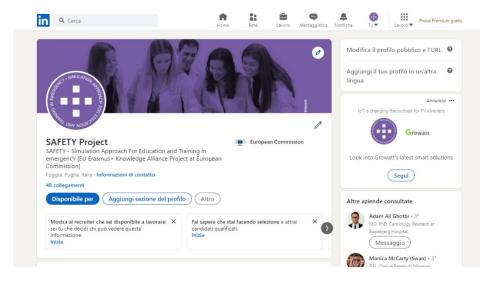


Figure 10 – The SAFETY LinkedIn page

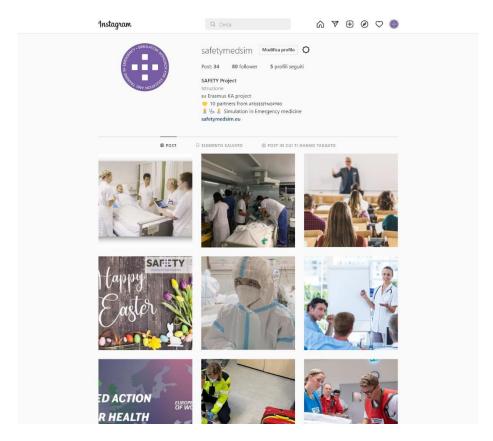


Figure 11 – The SAFETY Instagram profile

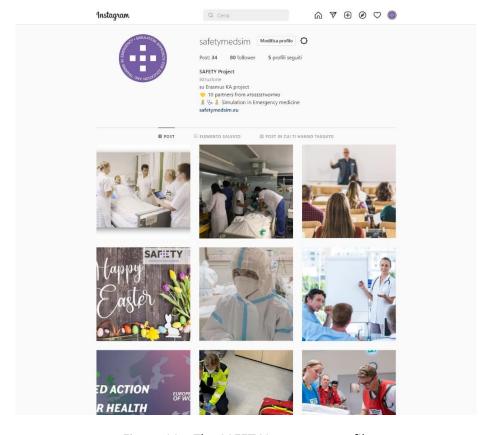


Figure 11 – The SAFETY Instagram profile

2.4 Content Marketing

2.4.1 Newsletter

Infotech has created a tri-monthly Newsletter, whose full content can be found in the Appendix, and the effectiveness measurement is in section 3.1.4 of this document. The newsletter has been developed to share updates about SAFETY, highlighting milestones, outcomes, and upcoming events.

It also offers behind-the-scenes perspectives through reflections, interviews, and other media. The 1st newsletter was issued on 04/05/2021, the 2nd on 11/08/2021, the 3rd on 16/11/2021, the 4th on 24/12/2021, the 5th on 16/04/2022, the 6th on 14/09/2022, the 7th on 10/12/2022, the 8th on 24/12/2022, the 9th on 09/04/2023, the 10th on 26/01/2024. The 1st issue included a welcome introductory note to the project. It focused on the main elements of the SAFETY project (BoK, Elearning and Training Need Analysis) and the kick-off meeting. At this early stage, readers were most likely to be project partners. By the end of the project, the target audience had reached important external stakeholders, such as associations involved in medical simulation, students, researchers and policymakers.

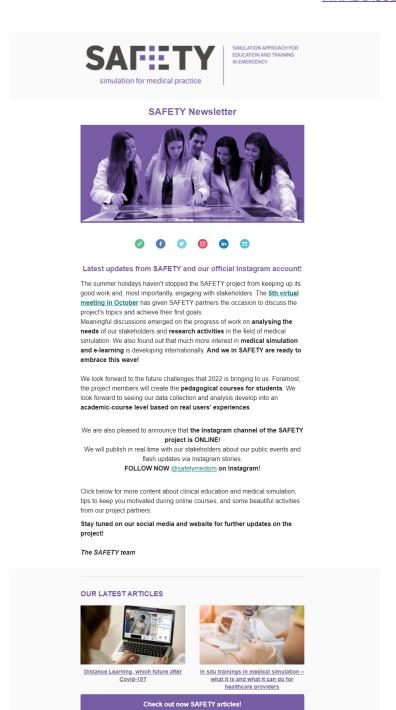


Figure 12 - SAFETY 3rd Newsletter, an example of SAFETY newsletter

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2.4.2 Brochure

The brochure gives general, basic information about the project and creates visibility for all partners involved. This is a short project description prepared for dissemination among stakeholders, at conferences and to other interested parties. The 1st promotional leaflet that was designed briefly

describes the project's aims, impact, objectives, audience and participants. It has been produced in English and electronically.





Simulation Approach For Education and Training in emergency (SAFETY) is a three years EU Erasmus+ project (Key Action 2) aiming at assessing the gap between theoretical and practical knowledge in Emergency Medicine & Simulation sector. The project goal is to cooperate in the exchange of knowledge and good practices to realize a course of study in the fields of Emergency medicine and intensive care.

SAFETY project aims to renew the existing training offer and to overcome training gaps, making practitioners safer and ready to operate in real emergency conditions or collaborate with companies involved in the development of medical simulation tools.

General objectives

- -Build-up the **Body of Knowledge** of Higher Education in Emergency Medicine & Simulation (EM&S) for Clinical education and training and Simulation device;
- Design a New Model and Best Practices on Higher Education in EM&S;
- Disseminate Project findings to replicate

 Best Practices and innovate EM&S Master
 Programs throughout Europe.

Project Milestones

- •Knowledge Needs and Gap Analyses of
- Higher Education in EM&S

 •Body of Knowledge (BoK) in EM&S
- Courses and e-learning Modules renewed upon the BoK Guidelines
- •Best Practices for renewing EM&S Master Programs

Target Groups

SAFETY will involves

SAFETY will involves and size of source of s

- Students & Alumni in Emergency medicine
- Academic community
- European companies engaged in the medical simulation sector

Knowledge Alliances for higher education.

Nowadays, more and more new doctors are hired by companies developing **simulation tools**, both for training and development of devices.

To this light, the project will also contribute to achieve the objectives of the Knowledge Alliance by standardizing the curricula in order to widen the scope of job and entrepreneurial opportunities in the field of Medical device for training and simulation.

Cooperation for innovation and the exchange of good practices.

SAFETY is a training initiative of 10 partners from 7 European countries (AT, DE, ES, IT, NO, PT, RO) that allows cooperating in the exchange of knowledge and good practices to realize a course of study in Emergency Medicine (EM) and intensive care.

Involving **private companies** and sectorial networks of **Associate Partners**, SAFETY will definitively propose a **new curriculum fitting into a broader spectrum of job opportunities**.

Figure 13 - SAFETY brochure (first side)



Figure 14 – SAFETY brochure (second side)

3. Effectiveness of Dissemination Activities

3.1 Measurement of WP9 results

The SAFETY project began in November 2020, during the pandemic period, and faced quite a few difficulties due to the lack of in-person meetings (essential for building relationships) and the availability of some partners who experienced the difficulties of crowded hospitals and intensive care units (especially for university and hospital project partners).

In this regard, dissemination activities pushed hard on the project's online presence and maximised participation in online meetings with stakeholders and associated partners. Although in a pandemic period, the project achieved very good results regarding website views, followers on social media, and the impact the released newsletters had on project stakeholders.

This section will report the main dissemination accomplishments (n. of organisations reached, n. of people acknowledged, events organised, etc.).

3.1.1 Organization and participation in conferences, workshops and activities

The events organised by and in which the project partners have participated on behalf of SAFETY are reported in Table 4 below:

Table 4. Organisation and participation in conferences, workshops, events, etc.

#	Title	Host	Date	Location	Participants (approx.)	Description	Partner involved
1	Kick-Off meeting for the Knowledge Alliances 2020 projects	EACEA Agency	28/01/2021	Virtual	80	UNIFG presented the SAFETY project at the virtual meeting organized by the EACEA Agency (European Commission – Erasmus+). It was a great occasion to get in touch with other similar Knowledge Alliances projects on Health and SocialCare, open networking opportunities and understand more about project management Erasmus+ rules.	UNIFG
2	First SAFETY Associated Partners meeting	INFOTECH	24/03/2021	Virtual	40	Virtual meeting with Associated Partners where Infotech presented and explained the SAFETY project, main goals and dissemination activities.	INFOTECH
3	Congresso Virtuale SIMMED	SIMMED	23/06/2021	Virtual	60	The SIMMED Congress was an important time to learn about the activities of Italian simulation centers through discussion and debate among professionals working in this field.	UNIFG

4	IWIN Ideal 2022 - International Woman In Intensive And Critical Care Network		25/06/2021	Catania, ITALY	100	The International Women in Intensive and Critical Care Network (iWIN) is a hub for worldwide research and innovation. iWIN was founded to address the issues of gender equality, and to connect international groups facing similar challenges. As the first international hub of its kind iWIN interacts with its global membership using group surveys, consensus projects, workshops, video conferencing, webinars and blogs. There is also an annual conference allowing physical high level networking and team building.	UNIFG
5	SESSEP 2021 Congress national - SAFETY project: Simulation Approach For Education and Training in emergency	IAVANTE	26/11/2021	Granada, SPAIN	50	The SESSEP21 Congress has been a national meeting in the field of simulation-based clinical education and evaluation back to the faceto-face. It brought together the university, health, and business sectors to learn about the latest trends and advances in simulation and patient safety and to establish synergies for the dissemination and advancement of the benefits of applying simulation in health care settings.	HUBc
6	International Meeting on Medical Simulation (IMSH) 2022	IMSH	19/01/2022	Los Angeles, USA	900	The International Meeting on Simulation in Healthcare (IMSH) is a scientific conference that explores the latest innovations and best practices in healthcare simulation. IMSH provides the tools and resources healthcare professionals need to advance their skills, impact change in delivery systems and practice, and, ultimately, to improve patient safety.	UIS, TTW
7	SRATI Conference 2022 - Al 48- lea Congres al Societății Române de Anestezie și	SRATI	13/05/2022	Sinaia, ROMANIA	20	Congress in which medical simulation professionals, physicians and entrepreneurs addressed issues of sharing and improving technologies and discussed techniques in the	LMU

	Terapie Intensivă					field of anesthesia and intensive care.	
8	IPSSW 2022 Annual meeting - 14th International Pediatric Symposia and Workshops	IPSS	13/06/2022	St. Petersburg, USA	200	IPSSW brings renowned global experts to the world's largest meeting dedicated exclusively to pediatric and perinatal simulation. Support the physicians, nurses, researchers and educators in four days of in-depth discussion on the role simulation plays to provide safe and effective care for children and infants and the continued expansion of pediatric simulation across the globe.	UIS
9	SESAM Seville 2022 - 27th Annual Meeting of the Society for Simulation in Europe	SESAM	15/06/2022	Seville, SPAIN	300	The SESAM 2022 Annual Meeting offered a variety of keynotes and cutting-edge sessions, along with educational workshops and panel discussions, on medical simulation. An excellent opportunity to connect with exhibiting companies and see the latest products and technologies.	AMC, LMU, UIS
10	Conferinta Nationala – Tehnologia & IHealth in Medicina Secolului XXI	UMFST	07/07/2022	Targu Mures, ROMANIA	350	A national conference focused on technology and digital health in the field of 21st-century medicine. During this event, experts and professionals in the medical sector discussed the latest innovations and developments related to medical simulation, change management, team training, and patient safety, with the aim of improving the quality of medical education and clinical practices using technology.	EICD
11	Romanian National Simulation Workshop in Advanced Airway Management	ESAIC, SESAM, SRATI	28/10/2022	Timisoara, ROMANIA	50	The workshop is a Simulation Instructors Training course in Advanced Airway Management. This type of event focuses on training instructors to teach advanced airway management techniques using medical simulations. The goal is to enhance the	EICD

		ı	1		ı	Г	1
						technical and non-technical skills of anesthesiologists through practical exercises and high-fidelity simulation scenarios.	
12	SESAM Lisbon 2023 - 28th Annual Meeting of the Society for Simulation in Europe	SESAM	14/06/2023	Lisbon, PORTUGAL	400	The SESAM 2023 Annual Meeting provided attendees with a diverse range of keynote speeches and state- of-the-art sessions, alongside educational workshops and panel discussions, all centered around medical simulation. It served as a fantastic chance to engage with exhibiting companies and explore the newest products and technologies in the field.	UIS, LMU, TTW, AMC
13	Pediatric Simulation Games 2023	PSG	06/09/2023	Latina, ITALY	1500	The event is an international competitive event focused on paediatric medical simulation. It involves teams of healthcare professionals, primarily paediatricians and paediatric nurses, competing against each other in simulated paediatric emergency scenarios. The goal is to enhance clinical skills, teamwork, and crisis management in critical paediatric situations, using realistic simulations to better prepare for real-life scenarios.	LAERDAL
14	SIMMED 2023	SIMMED	12/10/2023	Genova, ITALY	150	The Conference included practical and theoretical demonstrations on the use of medical simulation in emergency medicine, presenting training modules developed within the project. The session also included a workshop that provided technical support and simulation material. The event highlighted the importance of medical simulation in emergency medicine education and spurred the continuation of collaboration among SAFETY project partners for future European-level initiatives.	UNIFG, LMU, LAERDAL

15	SAFETY Final Conference "New frontiers and opportunities for education in Medical science: the case of the European project SAFETY"	UNIFG	31/01/2024	Foggia, ITALY	100	The event marked the conclusion of the SAFETY project in Foggia, showcasing the SAFETY Moodle platform and discussing medical education, simulation, and European networking. Attended by over 100 participants, including students and professionals across diverse medical domains, it served as a platform for knowledge exchange and collaboration.	All Partners
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3.1.2 Website

This section will describe the dissemination results achieved by the SAFETY website.

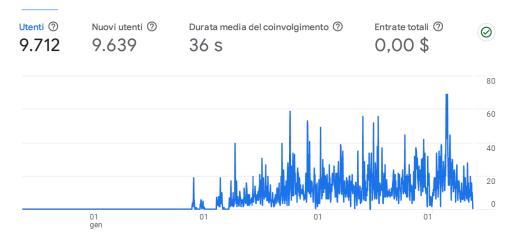


Figure 15 - SAFETY website, Page views statistics

TITOLO PAGINA E CLASSE SCHERMATA	VISUALIZZAZIONI
SAFETY SIMULATION APPROACH FOR EDUCATION AND TRAININ	3.189
The importance of dissemination activities in European projects - S	2.368
ABOUT - SAFETY Project	756
Do you know what psychological safety is not? - SAFETY Project	736
PARTNERS - SAFETY Project	634
NEWS - SAFETY Project	625
Results - SAFETY Project	428

Figure 16 - SAFETY website, per main pages views statistics

Table 5. SAFETY website, main statistics

Unique visitors	9.712
Visits	13.402
Page views	17.770

Table 6. SAFETY website, main users by country

United States	1.376
Italy	890
Norway	618
Germany	606
Romania	487
Netherlands	472
Spain	391
Austria	348
United Kingdom	345
France	298
Finland	274
Portugal	229
Turkey	222
India	179
Greece	169
Australia	161
Belgium	149
Canada	130
China	110
Sweden	108
Poland	105
Other countries	2.045



Figure 17 – SAFETY website, users' location statistics

3.1.3 Social Media

This section will describe the dissemination results achieved by SAFETY's social media channels.

Table 7. SAFETY Facebook page

Username	@safetymedsim
Project month	M2
URL	https://www.facebook.com/safetymedsim
status	328 followers / 250 (target)

Follower di Facebook ① 328

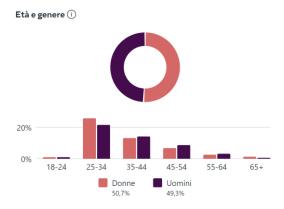


Figure 18 - SAFETY Facebook page, followers statistics

Table 8. SAFETY X (formerly Twitter) page

Username	@safetymedsim
Project month	M2
URL	https://x.com/safetymedsim (formerly https://twitter.com/safetymedsim)
status	105 followers / 100 (target)
Last 28 days period recording (June 2022)	152 impressions, 3,5% engagement

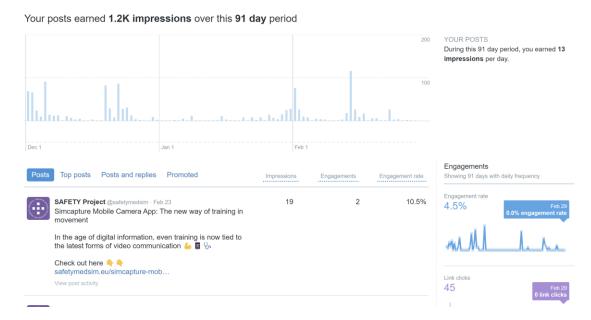


Figure 19 - SAFETY Twitter page, followers statistics

Table 9. SAFETY LinkedIn page

Username	@safetymedsim
Project month	M2
URL	https://www.linkedin.com/in/safetymedsim/
status	172 connections / 150 (target)

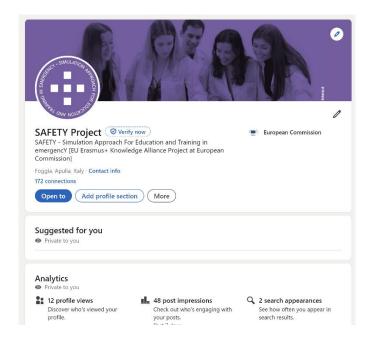


Figure 20 - SAFETY LinkedIn page, connections statistics

Table 10. SAFETY Instagram page

Username	@safetymedsim
Project month	M12
URL	https://www.instagram.com/safetymedsim/
status	157 followers / 150 (target)

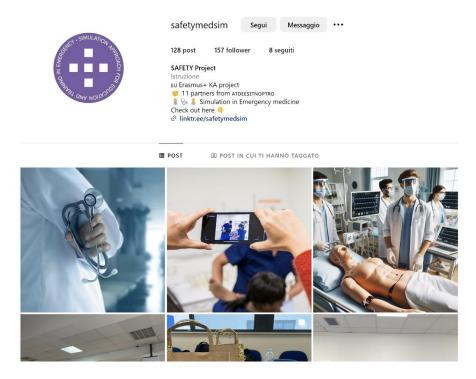


Figure 21 - SAFETY Instagram page, main page with followers

Table 11. SAFETY YouTube channel

Username	@safetymedsim		
Project month	M24		
URL	https://www.instagram.com/safetymedsim/		
status	35 subscribers / 30 (target)		

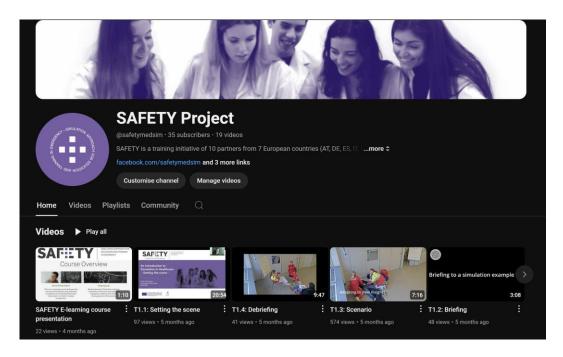


Figure 22 - SAFETY YouTube channel, main page with subscribers

3.1.4 Newsletter

The newsletter counts 77 subscriptions as of January 2021. Due to a technical problem with the newsletter service, the outreaches of the first two newsletters were lost. In each case, these newsletters were reported in the report annexes. More details on the specific issues can be found below:

Table 12. SAFETY Newsletter

Issue	Date	Title	Outreach
SAFETY 1st Newsletter	04/05/2021	SAFETY Project to bring forward Emergency Medicine & Simulation sector	NA
SAFETY 2 nd Newsletter	11/08/2021	SAFETY goes on holiday!	NA
SAFETY 3 rd Newsletter	16/11/2021	Latest updates from SAFETY and our official Instagram account!	50% opens, 4,8% clicks
SAFETY 4 th Newsletter	24/12/2021	Merry Christmas and Happy New Year from the SAFETY team!	51,6% opens, 4,8% clicks
SAFETY 5 th Newsletter	16/04/2022	Happy Easter Day from the SAFETY team!	44,3% opens, 6,6% clicks
SAFETY 6 th Newsletter	14/09/2022	The SAFETY course: a great opportunity for renovating the educational offer in the field of Emergency Medicine	53,1% opens, 10,9% clicks
SAFETY 7 th Newsletter	10/12/2022	The SAFETY project: new steps forward simulation approach for education and training in emergency	48,4% opens, 7,8% clicks

SAFETY 8 th Newsletter	24/12/2022	Merry Xmas and Happy New Year from the SAFETY team!	50% opens, 3,2% clicks
SAFETY 9 th Newsletter	09/04/2023	Happy Easter Day from the SAFETY team	47,8% opens, 1,5% clicks
SAFETY 10 th Newsletter	26/01/2024	SAFETY Project Final Conference – January 31, 2024	49,3% opens, 0,6% clicks

Table 13. Publications of scientific articles, newspaper articles, web articles (also on other organisations websites) and other publications

Title	Type of publication	Name of the publisher/ media	Date	SAFETY author(s) + Partner	Link
Unifg capofila del Progetto SAFETY	News	UnifgMag	August 2020	UNIFG	https://www.facebook .com/unifg.it/posts/pf bid02v5bt1vBJfQGN4 BwyNjPafyr2FheASDV QHr9GNPFqHWu6Y3 MKuHGkdMkA31brHg bMI
Al via i lavori del progetto Erasmus+ "SAFETY"	News	91C coworking space website	December 2020	91C coworking space	https://91c.it/al-via- lavori-del-progetto- erasmus-safety/
"SAFETY" project: a new European network for e- learning training and innovative simulation tools in the medical field	News	Body Interact website	January 2021	Body Interact	https://news.bodyinte ract.com/safety- project-a-new- european-network- for-e-learning- training-and- innovative- simulation-tools-in- the-medical-field/
SAFETY - Simulation approach for education and training in emergency	News	University of Stavanger website	January 2021	UiS	https://www.uis.no/e n/safety
Il progetto SAFETY: nuovi passi avanti per l'istruzione e la formazione	News	UnifgMag	November 2022	UNIFG	https://mag.unifg.it/it/ il-progetto-safety- nuovi-passi-avanti- listruzione-e-la- formazione
SAFETY al Convegno	News	UnifgMag	October 2023	UNIFG	https://mag.unifg.it/it/ safety-al-convegno-

FINAL DISSEMINATION REPORT

Nazionale della SIMMED					nazionale-della- simmed
Nuove opportunità e strumenti innovativi per la formazione medica	News	UnifgMag	January 2024	UNIFG	https://unifg- magazine.prod.cineca .it/it/agenda/nuove- opportunita-e- strumenti-innovativi- la-formazione-medica
The end of the SAFETY Project	Blog news	SAFETY Project website	February 2024	All Partners	https://safetymedsim. eu/the-end-of-the- safety-project/

4. WP9 Dissemination goals achieved at the end of the project

The key performance indicators set for the SAFETY project were affected, especially for the first part of the project, by the pandemic period we experienced globally. On the other hand, the partnership, under the coordination of INFOTECH (responsible for dissemination), at the end of the project, was able to successfully achieve the goals set through important corrective actions, such as:

- Organising major in-person meetings with project stakeholders.
- Continuing to promote the website through the project and partner social media accounts;
- ➤ Establishing relationships with other similar Erasmus+ funded projects and promoting the project and website through their websites and social media accounts;
- > Continue to regularly update the content of the website and add new sections, such as project videos, video lectures, video interviews, scientific publications, etc.; and
- Promote and apply the results obtained from the Training Need Analysis and the Body of Knowledge, along with developing e-learning courses on the Moodle platform.

Entering the second half of project implementation, WP9 continued to plan, implement, coordinate, and report on dissemination activities for M18-M36. During this period, the project entered "Phase 2 - Market Phase of Targeted Awareness" and aimed to:

- Create more "targeted awareness" about SAFETY courses to stakeholders and target groups;
- Inform the target market about the issues and potential of SAFETY results.

Infotech was also responsible for properly implementing privacy protection measures and logins for teachers and students on the e-learning platform.

The SAFETY website has been updated regularly with:

- News on the project's progress, workshops, meetings, conference participation, etc.
- Events related to the project;
- Press releases;
- Cross dissemination and collaboration with similar projects.

New website features include more articles, a link to the SAFETY e-learning course, published documents, and the project's YouTube channel. The project's social media was intensified through regular updates on project news and developments, project newsletter issues and press releases, interesting quotes from partners about the project, articles from the web related to the project topic, and other developments from similar projects that established collaboration in cross-dissemination with the SAFETY partnership.

As the Dissemination and Communication Plan indicates, the SAFETY newsletter has been disseminated regularly at quarterly intervals.

The SAFETY brochure was revised and updated during the last part of the project to illustrate the progress achieved. In addition, explanatory articles were published to introduce and explain the elearning platform based on Moodle architecture, its operation and registration, and all details related to the online course.

5. Conclusions and future challenges

This final chapter presents the key conclusions and lessons learned during the three-year project, along with the primary future challenges regarding dissemination activities and communication dynamics with targeted groups.

5.1 Conclusion and lessons learned

Target groups vary in their needs, expectations, and sensitivities

Each group has different knowledge, expertise, and experiences. Therefore, it is important to identify and understand their needs and expectations in order to effectively communicate with them. Tailoring messages and channels to each group's communication needs is crucial.

Communication and feedback are vital.

Disseminating information to target groups is not enough; it's also important to establish a dialogue with them to receive feedback and understand their reactions. This will help in identifying any additional needs or expectations.

Involving target groups in the organization of dissemination activities is essential.

Engaging relevant stakeholders in the planning of events such as virtual meetings, workshops, and conferences not only strengthens the relationship with the target groups but also extends the reach to a broader audience.

Engaging target groups in the development of project activities is crucial. In addition to involving stakeholders in the organization of dissemination activities, involving them in other project activities, such as testing phases, is important for deeper engagement and greater impact.

Promoting multidisciplinarity is key.

Encouraging the exchange of views and experiences among target groups from different domains will enhance the communication strategy and benefit the project.

Learning from others is important.

Project partners have drawn inspiration from each other's dissemination activities and good communication practices. Transparency throughout the project has made these practices visible to all partners, serving as good examples for replication.

A coordinated participatory approach has been key.

All partners have been involved in developing and implementing dissemination activities, ensuring a shared vision and understanding of objectives, channels, and methods from the beginning of the project in 2020.

5.2 Future challenges

Future challenges identified by SAFETY partners mainly pertain to maintaining the impact generated during the project's lifespan and solidifying it after the project concludes. It is crucial to obtain a commitment from all SAFETY partners to collectively implement the exploitation activities outlined in the Dissemination and Exploitation Strategy to ensure the expected impacts in the short, medium, and long term. An example of this commitment is the presentation and approval of accreditation

with the European Accreditation Council for Continuing Medical Education (EACCME®) for the medical simulation course developed by the SAFETY project. Moreover, several partners will be organizing future conferences in the field of medical simulation, and university partners have committed to integrating SAFETY materials into their training and academic curricula.

Another future challenge is maintaining close ties with target groups and other relevant stakeholders affected during the project so they can continue to play a role as effective multipliers, not only by adopting the created SAFETY training materials but also by disseminating them to other relevant and key stakeholders.

In this regard, identifying changes in the needs and expectations of target groups over time is another future challenge for SAFETY partners to consider. Recognizing new demands and requirements will create new opportunities for collaborative work to further develop the content created during the SAFETY project.

Lastly, maintaining the internal cooperation dynamics established among SAFETY partners will be crucial in addressing future challenges after the project concludes, as collaborative work will facilitate and ensure a greater long-term impact. An illustration of this cooperation is the ongoing preparation of a European-funded project proposal (SAFETY 2.0) to develop SAFETY-related content, enhance value, and update previous output results.

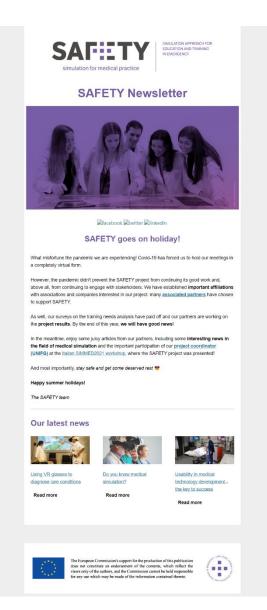
Annex

Here are all the newsletters of SAFETY.

1st newsletter



2nd newsletter



3rd newsletter

SAFETY tion for medical practice

SAFETY Newsletter











Latest updates from SAFETY and our official Instagram account!

The summer holidays haven't stopped the SAFETY project from keeping up its

The summer holidays haven't stopped the SAFETY project from koeping up its good work and, most importantly, engaging with stakeholders. The <u>5th virtual meeting in October</u> has given SAFETY partners the occasion to discuss the project's topics and achieve their first goals. Meaningful discussions emerged on the progress of work on analysing the needs of our stakeholders and research activities in the field of medical simulation. We also found out that much more interest in medical simulation and e-learning is developing informationally. And we in SAFETY are ready to embrace this wavel

We look forward to the future challenges that 2022 is bringing to us. Foremost the project members will create the pedagogical courses for students. We look forward to seeing our data collection and analysis develop into an academic-course level based on real users' experiences.

We are also pleased to announce that the Instagram channel of the SAFETY project is ONLINE!

We will publish in real-time with our stakeholders about our public events and flash updates valentagrams stories.

FOLLOW NOW @safelymedsim on Instagram!

Click below for more content about clinical education and medical simulation, tips to keep you motivated during online courses, and some beautiful activities from our project partners.

Stay tuned on our social media and website for further updates on the project!

The SAFETY team

OUR LATEST ARTICLES







4th newsletter



SAFETY Newsletter













Merry Christmas and Happy New Year

from the SAFETY team!

This year has undoubledly been another tricky year, and we are hoping for the best for the future. We are happy with all of the activities we have completed and planned for the start of the new year. In particular, especially in the last few months, necessary slops have been taken to draw up the Training Needs Analysis, the Literature review, and the Body of Knowledge (BoK).

In addition, we held on 20-21 December 2021 the Virtual project meeting in Munich in a blended mode. We made a report on the excellent work done so far and we discussed the overall architecture of the SAFETV e-tearming course, mainly through important brainstorming with the whole partnership.

You can find more information regarding clinical education and medical simulation, online courses on tips for staying motivated online courses, som essential activities form our project partners below, and stay tuned on our social media and website for further updates on the project!

We hope to see everyone in person very soon and, in the meantime, we wish everyone a Christmas full of serenity and a Happy New Year!

The SAFETY team 🤞

OUR LATEST ARTICLES







5th newsletter



SAFETY Newsletter













Happy Easter Day from the SAFETY team!

After more than a year, the SAFETY team is putting a lot of effort into realising the Body of Knowledge (BoK) and the architecture of the e-learning course.

A virtual meeting will be held shortly to discuss the **following steps** to finalise the execution of the project works.

The SAFETY project team will **keep you updated** on their activities through the news <u>published on our official website</u> and social accounts regarding clinical education and medical simulation. Invite your colleagues to <u>subscribe to our</u> newsletter here!

We wish everyone a wonderful Easter Day! 👚 🥚 💆

The SAFETY team 🦸



6th newsletter



SAFETY Newsletter











The SAFETY course: a great opportunity for renovating the educational offer in the field of Emergency Medicine

SAFETY has reached its 18 months of the project, and the <u>academic partners</u>, supported by the practical expertise of the <u>companies</u>, are working on the

7th newsletter

simulation for medical practice

SIMILII ATION APPROACH FOR EDUCATION AND TRAINING IN EMERGENCY

SAFETY Newsletter

















The SAFETY project: new steps forward simulation approach for education and training in emergency

SAFETY, a project funded under the program ERASMUS+ Knowledge

8th newsletter

View this email in your browser



SIMULATION APPROACH FOR EDUCATION AND TRAINING IN EMERGENCY













Merry Xmas and Happy New Year from the SAFETY team!

This 2022 was the year of the resumption of in-person meetings for us. With great enthusiasm, the partners, combining work and social moments, were able to give their best on the project tasks.

The SAFETY team has arrived at the most challenging stage and is working hard to bring our e-learning course to life and launch it on our portal next year.

9th newsletter



SAFETY Newsletter

















Happy Easter Day from the SAFETY team!

After the first meeting in Coimbra (PT) and last week's meeting in Bucharest

10th newsletter



SAFETY Newsletter













⋄ SAFETY Project Final Conference - January 31, 2024 ⋄

We're thrilled to announce the final conference of our SAFETY project! 🚀

January 31, 2024, marks the culmination of 3-years of dedication, research, and cooperation. Join us for an engaging and informative experience highlighting project results, challenges, and the future of medical simulation.



Here are some articles about the project on the partners' websites:









Una rete Europea per la formazione e-learning



